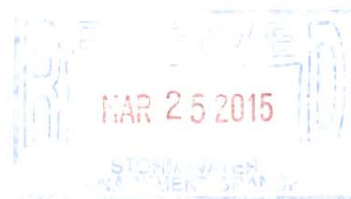


March 24, 2015

Alabama Department of Environmental Management  
P.O. Box 301463  
1400 Coliseum Boulevard  
Montgomery, Alabama 36110

Attention: Ms. Marla Smith

Reference: Annual Report for 2014-15  
City of Tuscumbia Municipal Separate Storm Sewer System (MS4)  
NPDES Permit No. ALR040022  
Colbert County (033)



Dear Ms. Smith:

Enclosed is a copy of the above referenced annual report and supporting materials for the City of Tuscumbia.

If you have any questions, please call.

Sincerely,

Richard Edmonds, P.E.

Enclosure

CC: Mayor Billy Shoemaker (City of Tuscumbia)  
File

City of Tuscumbia

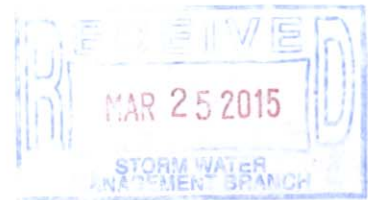
Annual Report

General Permit for Phase II

Small Municipal Separate Storm Sewer Systems (MS4)

NPDES Permit No. ALR040022

March 31, 2015



Prepared for the City of Tuscumbia

By: White, Lynn, Collins and Associates, Inc.

A handwritten signature in black ink, appearing to read "R. Edmonds", written over a horizontal line.

Richard O. Edmonds, P.E.



**City of Tuscumbia, Alabama**  
**NPDES Phase II Annual Report**  
**Permit # ALR040022**  
**March 24, 2015**

This report documents the activity related to each of the 6 Minimum Control Measures, including the BMP and rational statement, as required by the City of Tuscumbia NPDES Stormwater (MS4) permit.

The appendix includes documentation of the action items for BMP efforts made by the City to comply with the permit and the SWMP.

**I. Public Education and Outreach**

- a. BMP No. 1 – Mail out flyers to homes and businesses two times per year.

Problems Addressed: The main source of pollution addressed by public education and outreach is trash, litter, soil disturbances, chemicals, and individual oil changes.

Rationale for BMP: The problems addressed by this BMP are most common to residences and businesses in this area. Correcting these problems will go a long way toward cleaning up the waters in this area. The published information reaches a large segment of the population by placing billboards and signs at strategic locations and coordinating with “Keep the Shoals Beautiful” and the Chamber of Commerce and Civic Organizations.

Activities:

1. **Ongoing** -- In previous years, ordinances have been adopted which encourage the limited use of fertilize, pesticides and herbicides within the City. The City continues to get involved and support activities and events that educate the public on how litter and pollution control can help the environment.
2. **2014-15 Activities:**

Shoals Solid Waste Authority (SSWA) – This organization is supported by the City with funding and drop off locations. Special projects included:

- Bought radio advertisements on local FM radio station.
- Mentioned in new articles in the local newspaper (Times Daily).
- Helped sponsor community events. Provided recycling services for the following events and distributed literature related to recycling: (See Appendix for brochure.)
  - Saddle Up for St. Jude
  - NWSCC B.E.S.T. Robotics
  - Helen Keller Festival
  - W.C. Handy Festival

- Kiss FM Kid's Fair
- Sheffield Athletics Golf Tournament
- Big Brother & Big Sister Fishing Tournament
- Kiss FM Stuff-A-Bus
- Shoals Earth Day
- PALS Earth Day
- Christmas @ the Mall
- Christmas Parades in Colbert County
- PAWS in the Park
- Partner with Keep the Shoals Beautiful
- Easter Bunny Arrival
- Jazz it Up with Trash

"Keep the Shoals Beautiful" (KTSB) – This organization is supported by the City with annual financial support for public education. Special projects included:

- Provided billboard advertising encouraging citizens to stop litter and keep the Shoals area clean (See Appendix for picture of billboard).

Signs – The City continues to maintain various anti-litter signs throughout the area to remind people to keep the Shoals clean. "Do Not Dump" and "Do Not Litter" signs were replaced and installed in various places. The Street Department also continues to install tags on storm drain inlets and junction boxes to warn the public that drainage enters waterways and discourage dumping. (See Appendix for letter from Public Works Director and pictures of signs maintained around the City.)

Brochures, Flyers, Etc. – Materials are displayed at the utility department and the building department for citizens to pick up. Information related to stormwater management is shared with civic organizations such as Kiwanis Club and Civitan Club.

Utility Bills – Statements asking for citizens to help prevent stormwater pollution and describing actions to take are periodically placed on utility bills before mailing. (See Appendix for copy of utility bill with statement.)

b. BMP No. 2 – Run-off Reduction / Permeable Pavement

Problems Addressed: The main source of pollution addressed by this BMP is soil erosion during construction.

Rationale for BMP: The majority of soil erosion and introduction of silt into the stormwater system is due to construction activities which disturb the soil. By placing restrictions of this BMP on contractors and developers, soil erosion will be controlled and the waters will be kept cleaner. Requirements are outlined in the subdivision regulations and the SWMP.

Activities:

1. **Ongoing** -- Regulations and ordinances now dictate that contractors and developers will adhere to the rules which have been adopted to control erosion. The city requires engineers to provide monthly inspection reports to the City for review. The city's staff also provides inspection and enforcement of the rules. BMP for each project exceeding 1 acre is required and is reviewed by the City Review office. Permits are issued for excavation prior to any soil disturbance.
  2. **2014-15 Activities:** The frequency of action is continual. Every construction project is reviewed for compliance with the city regulations. (See Appendix for copies of City ordinances related to erosion control.)
- c. BMP No. 3 – Site Protection – Increased Vegetation and Green Areas

Problems Addressed: The main source of pollution addressed by this BMP is soil erosion and quality of stormwater runoff.

Rationale for BMP: By increasing the amount of vegetative cover and green areas in land development, the amount of stormwater runoff and soil erosion will be reduced. Greenway areas allow for stormwater infiltration into the ground and keep it out of the stormwater system. Vegetative cover also acts as permanent stabilization of the soil and reduces the amount of soil erosion and siltation into the stormwater system.

Activities:

1. **Ongoing** -- Regulations and ordinances now dictate that developers will adhere to the specific design requirements and sediment and erosion control requirements. Every new development design is reviewed for compliance with the city regulations.
2. **2014-15 Activities:** No new activities reported for this BMP.

## II. Public Involvement and Participation

- a. BMP No. 1 – Public Hearing for Public Involvement at least every other year.

Problems Addressed: The problem addressed in this BMP is associated mainly with littering by the public and the general disregard for erosion and pollution problems.

Rationale for BMP: The rationale for this BMP is that as more citizens are involved in the decision making process and in clean up activities the more they will be aware of the problems related to litter and erosion. Public involvement and participation helps to increase general awareness and concern over these

issues. These activities also involve environmentally concerned individuals and help get citizens involved in reporting violations to be enforced by city officials.

Activities:

1. **Ongoing** – Citizens are encouraged to clean up their areas and to stop littering and notify city officials of littering and erosion issues. The City has also participated in the Groundwater Guardian Program which is a committee of local officials, business owners and concerned citizens that implements educational programs for children and adults about the importance of protecting the natural groundwater resources in the area. This committee continues to distribute literature and promote education programs.

2. **2014-15 Activities:**

Shoals Solid Waste Authority (SSWA) – This organization is supported by the City with funding and drop off locations. Special projects included:

- Ran radio advertisements on local FM station.
- Distributed brochures and other materials to the general public on recycling at several public events in the area throughout the year. Also provided recycle bins during community events. (See I.a.2. above for list of events.)
- Promotion of services contributed to Colbert County recycling 1098 tons of material through the SSWA.

“Keep the Shoals Beautiful” (KTSB) – This organization is supported by the City with annual financial support. Special public involvement projects included:

- Sponsored city-wide clean-up event in June 2014.
- Sponsored an Earth Day event in April 2014.
- Assisted other organizations with clean-up events.
- Assisted Shoals Solid Waste Authority (SSWA) with recycling and litter prevention displays during community events.

b. BMP No. 2 – Stenciling at Storm Water Inlets

Problems Addressed: The problem addressed in this BMP is associated mainly with illicit dumping by the general public into stormwater system inlets.

Rationale for BMP: The rationale for this BMP is to make citizens aware that whatever enters a stormwater inlet may eventually enter our rivers and streams. This awareness should reduce the amount of illicit discharges by the general public.

Activities:

**2014-15 Activities** – The City of Tuscumbia Public Works Department continues to maintain and install curb tags at storm drains around the city. (See Appendix for picture of curb tag.)

c. BMP No. 3 – Art Contest at Elementary Schools

Problems Addressed: The problem addressed in this BMP is associated mainly with littering and the general disregard for pollution problems.

Rationale for BMP: The rationale for this BMP is that good habits are best learned at a young age. If our children can be involved in litter prevention and become aware of the issues related to pollution, they will be more proactive as adults.

Activities:

**2014-15 Activities:**

“Keep the Shoals Beautiful” (KTSB) – This organization is supported by the City with annual financial support. Special projects focusing on elementary schools include:

- “Clean Campus Contest” for all Tuscumbia elementary students. This contest provided an opportunity to win the Steve Trash Award. (See Appendix for copy of flyer.)
- “Keep the Shoals Beautiful Scholarship” – This scholarship was established to encourage volunteer activity that supports a cleaner environment. The cash scholarship is awarded to one high school student and one college student in the Shoals who has demonstrated initiative and participation in community service projects that promote a clean environment. (See Appendix for copy of application.)

**III. Illicit Discharge Detection & Elimination**

a. BMP No. 1 – Enforcement Personnel to Re-certify QCI

Problems Addressed: The problem addressed with this BMP is the lack of training regarding the effects of illicit discharges, proper BMP measures and the lack of enforcement of City ordinances.

Rationale for BMP: The rationale for this BMP is that an enforcement process is necessary to work toward eliminating the problem associated with illicit discharges. City officials will be informed and trained regarding the hazards associated with illicit discharges and proper BMP measures.

Activities:

1. **Ongoing** –All ordinance requirements related to illicit discharges were completed prior to 2010. Mr. Luster Echols with the City of Tuscumbia is responsible for BMP review and code enforcements. (See Appendix for copy of Illicit Discharge Ordinance.)
2. **2014-15 Activities:** The City purchased the “Illicit Discharge Detection and Elimination” DVD training kit which includes the training program, a trainer’s guide, employee quizzes and acknowledgement forms. No specific information was given in regards to the number of city employees or officials trained. (See Appendix for receipt of training materials)

b. BMP No. 2 – Site Inspections – Industrial, Commercial, Construction Sites

Problems Addressed: The problem addressed with this BMP is the illicit discharge by industrial, commercial sites and construction sites into the City stormwater system.

Rationale for BMP: The rationale for this BMP is that an inspection process is necessary to identify illicit discharges and enable the City of enforce the ordinances related to such discharges.

Activities:

1. **Ongoing** – The City continues to conduct routine inspections of the stormwater discharge points and other sites. Inspections have revealed no illegal dump sites within the city. The City may use consultants with QCI trained personnel and QCP personnel or conduct their own inspections. Mr. Luster Echols with the City of Tuscumbia receives copies of all inspection reports and keeps with on file.
2. **2014-15 Activities:** Monthly site inspections were performed on all active construction sites. A report of each inspection specifying any BMP deficiencies to be corrected was submitted to the permit holder as well as the City. Copies of all inspection reports are on file with the City of Tuscumbia.

c. BMP No. 3 – Stormwater Runoff Sampling and Testing – Once per Year

Problems Addressed: The problem addressed with this BMP is stream contamination caused by illicit discharges.

Rationale for BMP: The rationale for this BMP is that sampling and testing stormwater at the known outfalls of the City’s stormwater system will help to identify issues so further inspection and enforcement can take place.



Activities:

1. **Ongoing** – There were no changes to the City’s stormwater maps in 2014-15. Analysis of stormwater runoff is being done annually.
2. **2014-15 Activities:** Stormwater sampling and testing was performed at six locations by Southern Environmental Testing, Inc. The sampling was performed on 11/05/2014. Samples were tested for oil & grease, pH, and total suspended solids (TSS). (See Appendix for copies of test results)

**IV. Construction Site Stormwater Runoff Control**

a. BMP No. 1 – All Construction Sites Permitted by City and ADEM

Problems Addressed: The problem addressed with this BMP is the runoff of silt and other illicit discharges into the City stormwater system from construction sites.

Rationale for BMP: The rationale for this BMP is that by requiring contractors to follow the permitting process for stormwater runoff, they will be given the proper BMP measures to follow to minimize erosion and illicit discharges. These permits also include regular inspections that will hold them accountable to the permit requirements.

Activities:

1. **Ongoing** –The City addresses erosion and sediment controls at construction sites through subdivision regulations and ordinances. These are enforceable by City officials and also apply to non-subdivision type construction projects. Mr. Luster Echols with the City of Tusculumbia is responsible for reviewing all inspection reports, keeping a copy on file and enforcing all related ordinances and regulations. (See Appendix for copies of ordinances.)
2. **2014-15 Activities:** All construction sites were permitted and inspected.

b. BMP No. 2 – Follow Up on Inspections If Required

Problems Addressed: The problem addressed with this BMP is the lack of concern by the holder of the stormwater permit to address deficiencies noted in the inspection reports.

Rationale for BMP: The rationale for this BMP is that an enforcement process is necessary to ensure compliance with the permitting requirements.

Activities:

1. **Ongoing** – Follow up inspections of permitted construction sites is an ongoing activity by the City Building Department. Copies of inspection

reports outlining any problems or deficiencies are sent to Mr. Luster Echols with the City of Tuscumbia. A trained and certified QCI or QCP with the City will follow up on any inspection with violations reported. Copies of the inspection reports will be kept on file.

2. **2014-15 Activities:** No information was submitted as to the number of inspections performed and/or the number of violations found.

c. **BMP No. 3 – Construction Stormwater Runoff Sampling and Testing**

Problems Addressed: The problem addressed with this BMP is stream contamination caused by erosion of silt and/or illicit discharges.

Rationale for BMP: The rationale for this BMP is that sampling and testing stormwater runoff from construction sites will insure the contractor's compliance with BMP measures and determine if additional measures need to be put in place.

Activities:

**2014-15 Activities:** No information was submitted as to the number of stormwater samples taken at construction sites and the test results.

**V. Post Construction Storm Water Management in New Development and Re-Development**

a. **BMP No. 1 – All Construction Sites Secured with Vegetation and Run-off Control**

Problems Addressed: The problem addressed with this BMP is soil erosion and sedimentation due to construction sites that are completed but without complete soil stabilization.

Rationale for BMP: The rationale for this BMP is it will ensure the continuation of sediment and erosion control measures until permanent stabilization is achieved by requiring owners to provide a bond to cover the cost of replacing or establishing such measures.

Activities:

1. **Ongoing** –The City addresses this requirement by requiring all construction and development plans to have a BMP that shows erosion control measures and final permanent stabilization. Mr. Luster Echols with the City of Tuscumbia is responsible for overseeing and enforcing all related ordinances and regulations.
2. **2014-15 Activities:** No new activity reported for this BMP.

b. BMP No. 2 – Post Construction Maintenance Agreements

Problems Addressed: The problem addressed with this BMP is that once some developments are completed, the site is not maintained for sediment and erosion control.

Rationale for BMP: The rationale for this BMP is it will ensure the long term operation and maintenance of sediment and erosion control measures by requiring owners to sign an agreement to be recorded with the property deed or plat that transfers to any new owner or operator the responsibility for post-construction management.

Activities:

1. **Ongoing** – This requirement is monitored with existing ordinances and regulations. The City continues to require a Post-Construction Maintenance Agreement to be recorded with the final plat.
2. **2014-15 Activities:** No new activities reported for this BMP.

**VI. Pollution Prevention / Good Housekeeping for Municipal Operations**

a. BMP No. 1 – Personnel Training

Problems Addressed: The problem addressed with this BMP is City personnel not adequately trained and aware of BMP requirements and the effects of pollution.

Rationale for BMP: The rationale for this BMP is that many of the City personnel are in a position to prevent pollution and erosion or at least observe the activities of others. By adequately training them in proper BMP requirements, it will help to ensure good housekeeping practices and pollution prevention through personal practice or notification of observed violations.

Activities:

1. **Ongoing** –The City has provided in-house education for its maintenance personnel and will continue these programs in the future. City employees who have received their QCI certification continue to complete refresher courses each year.
2. **2014-15 Activities:**
  - a. The Building Department maintains copies of the Alabama Handbook for Erosion Control, Sediment Control and Stormwater Management on Construction Sites and Urban Areas (Volumes 1 & 2) for use and reference by City officials.
  - b. The City of Tusculmbia has used the DVD training kit entitled “Stormwater Pollution Prevention for Municipalities -- Rain Check” to train city employees on good housekeeping operations.

c. One City official, Mr. Bo Stanley, was re-certified as a QCI on 9/6/2014. (See Appendix for copy of certification).

b. BMP No. 2 – Solid Waste Collection from Streets and Drains

Problems Addressed: The problem addressed with this BMP is the polluted runoff that occurs when runoff from impervious areas wash litter and other floatables into the stormwater system.

Rationale for BMP: The rationale for this BMP is that by collecting solid waste from streets and drains will prevent it from getting into the stormwater system and making its way into rivers and streams.

Activities:

1. **Ongoing** – The City continues to conduct regular surveys throughout the city for litter and collects it for proper disposal. Records are kept and reported each year as to the total poundage of litter retrieved and disposed of at the landfill. The City runs a street sweeper through the downtown area a few times each year. They also pick up leaves piled up along gutters by citizens from October through March.
2. **2014-15 Activities:** The Public Works Department cleaned out numerous storm drains and gutters and collected litter to prevent it from reaching the storm system. This prevented debris from reaching Spring Creek. (See Appendix for a storm debris and leaf collection report.)

During 2015-16, the city plans to implement the following general BMP's.

A. Public Education and Outreach

1. Continue support of SSWA and KTSB organizations and their events related to public education and advertising in local newspapers and billboards.
2. Continuing maintain anti-litter signs.
3. Continue including pollution prevention statements on utility bills.
4. Continue providing brochures to the general public.

B. Public Involvement / Participation

1. Continue to work with KTSB and their events related to involving individuals and schools in pollution prevention.
2. Support April as "Earth Month" in Tuscumbia.
3. Host a city wide clean up day in June.
4. Continue placing curb labels at storm drain inlets around the city.

C. Illicit Discharge Detention and Elimination

1. Inspections by City personnel or its designee once each month.
2. Storm water runoff samples once each year.

- D. Construction Site Storm Water Runoff Control
  - 1. Continue to require storm water permits for all construction sites.
  - 2. Continue making periodic visits to construction sites giving priority to those under violation of the permit.
  
- E. Post Construction Storm Water Management in New and Redevelopment
  - 1. Continue requiring bonding on developments before final plat approval.
  - 2. Continue requiring maintenance agreements.
  
- F. Pollution Prevention / Good Housekeeping
  - 1. Instruction for city personnel once per year.
  - 2. Continue to identify certain City officials to be in charge of BMP requirements for various departments.
  - 3. Personnel to attend QCI training course annually.

## APPENDIX

- PUBLIC EDUCATION AND OUTREACH
  - SSWA Recycling Brochure
  - Billboard Advertising
  - Letter from Public Works Department & Anti-Litter Signs
  - Utility Bill Statement
  - Subdivision Regulations—Min. Requirements for Construction Permitting & Erosion Control
  - Permit to Construct Site Work
  - Ordinance for Stormwater Operation and Maintenance
  - Ordinance for Erosion and Sediment Control
  
- PUBLIC INVOLVEMENT AND PARTICIPATION
  - Anti-Pollution Curb Tag
  - Steve Trash Litter Prevention Challenge
  - Keep the Shoals Beautiful Scholarship Application
  
- ILLICIT DISCHARGE DETECTION AND ELIMINATION
  - Ordinance for Illicit Discharge and Connection to Stormwater System
  - Illicit Discharge Training Program Receipt
  - Stormwater Runoff Sampling and Testing Results
  
- POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS
  - QCI Certificate
  - Debris and Leaf Collection Report



## PUBLIC EDUCATION AND OUTREACH

- SSWA Recycling Brochure
- Billboard Advertising
- Letter from Public Works Department & Anti-Litter Signs
- Utility Bill Statement
- Subdivision Regulations—Min. Requirements for Construction Permitting & Erosion Control
- Permit to Construct Site Work
- Ordinance for Stormwater Operation and Maintenance
- Ordinance for Erosion and Sediment Control

**Convenient Drop-Off Locations:**

**Muscle Shoals**

Easter Seals - Avalon Avenue  
Fire Department - Avalon Avenue

**Leighton**

Across from Town Hall

**Ford City**

Across from Town Hall

**Sheffield**

Discount Dan's - 2nd Street • Fire Department  
Corner of 2nd Street & Raleigh Avenue

**Russellville**

Solid Waste Department - Carroll Avenue  
Coffee Street

**Tuscumbia**

Behind Helen Keller Library  
Corner of 2nd Street & Water Street  
Board of Education - Highway 72

**Franklin County**

Piggly Wiggly - Phil Campbell  
Red Bay High School • Belgreen High School

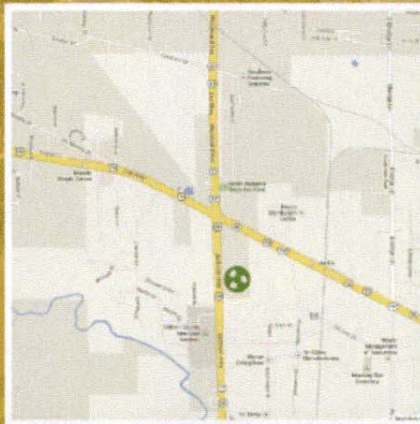
**Cherokee**

Police Department

For additional locations, please call (256) 366-3049.



This project was funded or partially funded by the Alabama Department of Environmental Management through a grant from the Alabama Recycling Fund.



*"Keep The Shoals Green"*



**SSWA RECYCLING**

**721 Highway 43 South  
Tuscumbia, AL 35674**  
(Shoals Commerce Park)

**Hours:**

Monday - Friday 7:30AM - 3:30PM

**Phone:**

(256) 248-4357 • (256) 366-3049



**721 Hwy 43 South - Tuscumbia, AL 35674**

**Hours:** Monday - Friday 7:30AM - 3:30PM

**Phone:** (256) 248-4357 • (256) 366-3049

**SSWA Recycling Representing  
Tuscumbia, Sheffield, Muscle Shoals,  
and Colbert and Franklin Counties**



**Please rinse containers  
 clean before recycling.**



**REDUCE  
 REUSE  
 RECYCLE**



**Aluminum & Steel**  
 Drink cans, food cans, foil, aluminum  
 trays, hair spray cans, wrought iron, etc.



**Cardboard**  
 Corrugated and non-corrugated shipping  
 boxes, food boxes, paper towel rolls,  
 detergent boxes, cereal boxes, etc.



**Plastics**  
 Water bottles, soda bottles, cooking oil  
 bottles, peanut butter jars, milk jugs,  
 detergent bottles, shampoo and  
 conditioner bottles, cleaning product  
 bottles, etc.



**Paper**  
 Newspaper, office paper, junk mail,  
 magazines, phone books, shredded  
 paper, wrapping paper, notebook paper  
 (NOTE: ALL paper is recyclable!)



**Glass**  
 (accepted at 721 Hwy 43 location only)



**Cooking and Motor Oil**  
 Must be in a plastic containers with a  
 sealed lid. Do not mix oils together.  
 (accepted at 721 Hwy 43 location only)



**Electronics**  
 Computers, monitors, laptops, mobile  
 phones, telephones, fax machines, stereo  
 and video equipment, etc.  
 (accepted at 721 Hwy 43 location only)

**What We DO NOT Accept:**



**Styrofoam**  
 NO foam cups, packing peanuts, egg  
 cartons, foam blocks, etc.



**Household Medical Items**  
 NO needles, gauze, prescription bottles,  
 etc.



**Hazardous Materials**  
 NO paint cans, batteries, chemicals,  
 explosives, volatile substances, etc.



**Light Bulbs**  
 NO incandescent (tube or spiral),  
 fluorescent, halogen, or other kind of  
 light bulb can be accepted.

**STOP LITTER**

**Your Shoals. Your Choice.**

**ktb**

**KEEP THE SHOALS BEAUTIFUL.COM**

LAPOR





03 24 2011 12 41

NO  
DUMPING  
VIOLATORS  
WILL BE  
PROSECUTED








**NO  
LITTERING  
\$500.00  
FINE**




03 24 2011 12 39



**TUSCUMBIA**  
( BIRTHPLACE OF HELEN KELLER )  
**IS TOO BEAUTIFUL TO LITTER**



---



**CITIZENS BANK**  
MEMBER FDIC

DO NOT  
LITTER  
VIOLATORS  
WILL BE  
FINED

03.24.2011 12:40

February 26, 2015

RE: Stormwater

Tuscumbia Publics Works Dept. employees performed the following duties in 2014:

- Replaced and installed Do Not Dump and Do Not Litter signs.
- Constantly cleaned out storm drains and gutters that were clogged with debris to prevent the debris from reaching Spring Creek.
- Collected litter and debris to prevent it from reaching storm drains.
- The City of Tuscumbia provided cash support to "Keep the Shoals Beautiful" through Shoals Solid Waste Authority.



Bo Stanley  
Public Works Director  
City of Tuscumbia

5/14/14

Tuscumbia Utilities  
 P.O. Box 269  
 Tuscumbia, AL 35674  
 (256) 383-0321

TAX INCLUDED IF APPLICABLE  
 Return Service Requested



HELP PREVENT STORMWATER  
 POLLUTION BY NOT DRAINING  
 PROHIBITED SUBSTANCES OR  
 PLACING LEAVES, DEBRIS OR  
 TRASH INTO GUTTERS. THESE  
 ITEMS CAN POLLUTE OUR  
 WATERWAYS. THANK YOU.

ACCOUNT NO.	NET AMOUNT
[REDACTED]	164.70
PREVIOUS BALANCE	SAVE THIS
0.00	8.23
PAY GROSS AFTER	GROSS AMOUNT
05-22-14	172.93

SERVICE TO DATE	DAYS	TAX CODE	CLASS	PAY GROSS AFTER	
05-01-14	30	1	22	05-22-14	
PREVIOUS READING	PRESENT READING	USED	CODE	CHARGES	
3445	4087	642	EL	72.63	
23	28	5	WA	28.55	
564	585	21	GA	29.10	
			GB	16.00	
		5	SW	12.70	
			TX	5.72	
ACCOUNT NO.			NET AMOUNT NOW DUE	SAVE THIS	GROSS AMOUNT
[REDACTED]			164.70	8.23	172.93
			0.00	PREVIOUS BALANCE	0.00
			164.70	TOTAL AMOUNT DUE	172.93

BP  
 TUSCUMBIA AL  
 35674-3708

PRESORTED  
 FIRST CLASS MAIL  
 U.S. POSTAGE PAID  
 TUSCUMBIA, AL 35674  
 PERMIT NO. 55



## ADDITION TO SUBDIVISION REGULATIONS

### MINIMUM REQUIREMENTS FOR CONSTRUCTION PERMITTING AND EROSION CONTROL

Construction which disturbs one acre or more of ground surface within the city limits of Tusculmbia will require a general permit for stormwater runoff control. This permit will be obtained from ADEM by the owner/developer of this property. A copy of the approved permit will be submitted to the city stormwater management personnel prior to beginning site construction grading or clearing activity. The owner/developer will submit along with his construction plans, a plan for Best Management Practice (BMP). The BMP will describe in detail the use of silt fences, hay bales, rip rap siltation basins or other means to be used for erosion control. Placement of silt fence, hay bales and rip rap will be done as per the City of Tusculmbia Standard details for erosion control.

All construction plans will include by notation in the project notes, requirements for the contractors to provide erosion control, for preventing fuel or hazardous chemical spills and over use of pesticides, fertilize or herbicides. Waste material such as asphalt, petroleum products, sealants, concrete, etc., will not be left on site in contact with stormwater runoff.

Any information provided by the public as to betterment of the proposed BMP or as to the failure of an operating BMP can be addressed to the stormwater management personnel for consideration or correction.

Any owner/developer of a site one acre or larger which does not conform to these regulations is subject to a fine of not more than \$ 1,000.00 per day and can receive a stop working order. (Ordinance # A-240)

Once an owner/developer has been notified by the city stormwater management personnel that his/her BMP is not meeting the requirements of these regulations the owner/developer will have 7 working days to correct the problem before fines become effective. The fine will be enforced each day thereafter that the BMP is not corrected. The owner/developer will be responsible for the correction and for notifying the city stormwater management personnel when the corrections are made.



# PERMIT TO CONSTRUCT SITE WORK

PROJECT NAME: \_\_\_\_\_

The City of Tuscumbia Building Department has reviewed the BMP for this project and has received a copy of the approved ADEM permit. A bond for faithful performance of the Best Management Practices Plan is on file. A Post Construction Maintenance Agreement is to be recorded with the final plat.

\_\_\_\_\_ is hereby permitted to begin  
Developer/Owner clearing & excavation operations.

\_\_\_\_\_  
Building Official

Date \_\_\_\_\_

THIS SIGN TO BE POSTED AT THE CONSTRUCTION SITE

ORDINANCE NO. A-239

ORDINANCE FOR STORMWATER OPERATION AND MAINTENANCE

BE IT ORDAINED by the City Council of the City of Tuscumbia in the State of Alabama, as follows:

Section I. Best Management Practice (BMP).

Definitions

Structural device, measure, facility, or activity that helps to achieve stormwater management control objectives at a designated site.

Plan

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. The subdivision regulations and the building code shall be revised to include these regulations.

Section II. 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 the subdivision regulations of the City of Tuscumbia.
- 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 Tuscumbia prior to the issuance of a permit.
- C. Final design shall be approved by the City Engineer.
- D. The property owner/developer will acquire an NPDES Permit from ADEM and present a copy to the City Engineer.
- E. A permit will be issued by the City Engineer prior to construction start up. This permit acknowledges receipt of proper BMP and ADEM permit.

**Section III. Routine Maintenance.**

- A. All stormwater BMPs shall be maintained according to the measures outlined in the most recent version of The City of Tuscumbia Stormwater Pollution Prevention Plan, as required by the subdivision regulations 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.

**Section IV. Nonroutine Maintenance.**

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

- A. Nonroutine maintenance shall be performed on an as-needed basis on information gathered during regular inspections.
- B. If nonroutine maintenance activities are not completed in a timely manner or as specified in the approved plan, the City of Tuscumbia may fine the Owner an appropriate amount to cover the cost of the City providing maintenance.

**Section V. 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 Tuscumbia 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 Tuscumbia, as provided for in the plan.

- D. Authorized representatives of the City of Tuscumbia, may conduct inspections to confirm the information in the reports filed under Section C.

Section VI. Severability Clause.

If any part, section or subdivision of this ordinance shall be held unconstitutional or invalid for any reason, such holding shall not be construed to invalidate or impair the remainder of this ordinance, which shall continue in full force and effect notwithstanding such holding.

This Ordinance shall become effective upon its approval by the City Council and upon its otherwise becoming law, and its publication as provided by law.

PASSED and ADOPTED this the 24<sup>th</sup> day of February, 2003.



WADE GANN, MAYOR

ATTEST:



FLORA HANBACK  
CITY CLERK

CERTIFICATION

I, Flora Hanback, City Clerk for the City of Tuscumbia, Alabama, hereby certify that the foregoing ordinance was duly and properly adopted at a regular meeting of the City Council of the City of Tuscumbia on the 24<sup>th</sup> day of February, 2003.

That said Ordinance has been duly and properly published on this the 14<sup>th</sup> day of March, 2003, by publishing a copy of said Ordinance in the *Colbert County Reporter*.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal of office this the 14<sup>th</sup> day of March, 2003.

Flora Hanback  
Flora Hanback - City Clerk

ORDINANCE NO. A-240

ORDINANCE FOR EROSION AND SEDIMENT CONTROL

BE IT ORDAINED by the City Council of the City of Tuscumbia in the State of Alabama, as follows:

Section I. 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 cause 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 Tuscumbia. This ordinance 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 Tuscumbia.

Section II. Definitions

Certified Contractor

A person who has received training and is licensed by ADEM to inspect and maintain erosion and sediment control practices.

Clearing

Any activity that removes the vegetative surface cover.

Drainage Way

Any channel that conveys surface runoff throughout the site.

Erosion Control

A measure that prevents erosion.

### Erosion and Sediment Control Plan

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.

### Grading

Excavation or fill of material, including the resulting conditions thereof.

### Perimeter Control

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

### Phasing

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

### Sediment Control

Measures that prevent eroded sediment from leaving the site.

### Site

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

### Site Development Permit

A permit issued by the municipality for the construction or alteration of ground surface. Permitted BMP includes improvements and structures for the control of erosion, runoff, and grading.

### Stabilization

The use of practices that prevent exposed soil from eroding.

### Start of Construction

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

Any body of water, including, but not limited to lakes, ponds, rivers, streams, and bodies of water delineated by the City of Tuscumbia.

Waterway

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

Section III. Permits.

- A. No person shall be granted a site development permit for land-disturbing activity that would require the uncovering of *1 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 Tuscumbia a faithful performance bond, letter of credit, or other improvement security in an amount deemed sufficient by the city to cover all costs of improvements, landscaping, maintenance of improvements for such period as specified by the City of Tuscumbia and engineering and inspection costs to cover the cost of failure or repair of improvements installed on the site.



#### **Section IV. Review and Approval.**

- A. ADEM will review each application for a site development permit to determine its conformance with the provisions of this regulation. 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 the 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.

#### **Section V. 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 as approved or disapproved in the same manner as Section IV of this regulation, or modifications 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.
  - (2) Field modifications of a minor nature.

Section VI. 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 the city's stormwater pollution prevention plan (SWPPP), and shall be adequate to prevent transportation of sediment from the site to the satisfaction of ADEM. Cut 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 the SWPPP, 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* or ADEM may require the site to be reseeded or a non-vegetative option employed.
  - (3) Special techniques that meet the design criteria outlined in the SWPPP 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 long term stormwater management, if required by ADEM.
- (3) Protection for adjacent properties by the use of a vegetated buffer strip in combination with perimeter controls. The buffer strip shall be used only if required by the City Engineer.

G. Waterway and watercourse protection requirements shall include:

- (1) A temporary stream crossing installed and approved by the Army Corp of Engineers if a wet watercourse will be crossed regularly during construction.
- (2) Stabilization of the watercourse channel before, during, and after any in-channel work.
- (3) All on-site stormwater conveyance channels designed according to the criteria outlined in the SWPPP.
- (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.

Section VII. 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 the City Engineer shall be maintained at the site during the progress of the work. To obtain inspections, the permittee shall notify the City Engineer 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.
- (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.

Section VIII. Enforcement.

A. Stop-Work Order; Revocation of Permit

In the event that any person holding a site development permit pursuant to this ordinance 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 ordinance. Any person violating any of the provisions of this ordinance shall be deemed guilty of a misdemeanor and each day during which any violation of any of the provisions of this ordinance 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 \$1,000.00 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 ordinance shall be required to bear the expense of such restoration.

Section IX. Severability Clause.

If any part, section or subdivision of this ordinance shall be held unconstitutional or invalid for any reason, such holding shall not be construed to invalidate or impair the remainder of this ordinance, which shall continue in full force and effect notwithstanding such holding.

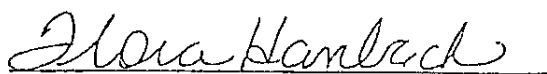
This Ordinance shall become effective upon its approval by the City Council and upon its otherwise becoming law, and its publication as provided by law.

PASSED and ADOPTED this the 24<sup>th</sup> day of February, 2003.



WADE GANN, MAYOR

ATTEST:



FLORA HANBACK  
CITY CLERK

CERTIFICATION

I, Flora Hanback, City Clerk for the City of Tusculmbia, Alabama, hereby certify that the foregoing ordinance was duly and properly adopted at a regular meeting of the City Council of the City of Tusculmbia on the 24<sup>th</sup> day of February, 2003.

That said Ordinance has been duly and properly published on this the 14<sup>th</sup> day of March, 2003, by publishing a copy of said Ordinance in the *Colbert County Reporter*.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal of office this the 14<sup>th</sup> day of March, 2003.

Flora Hanback  
Flora Hanback - City Clerk

## PUBLIC INVOLVEMENT AND PARTICIPATION

- Anti-Pollution Curb Tag
- Steve Trash Litter Prevention Challenge
- Keep the Shoals Beautiful Scholarship Application



**DON'T POLLUTE**

**NO CONTAMINATE!**

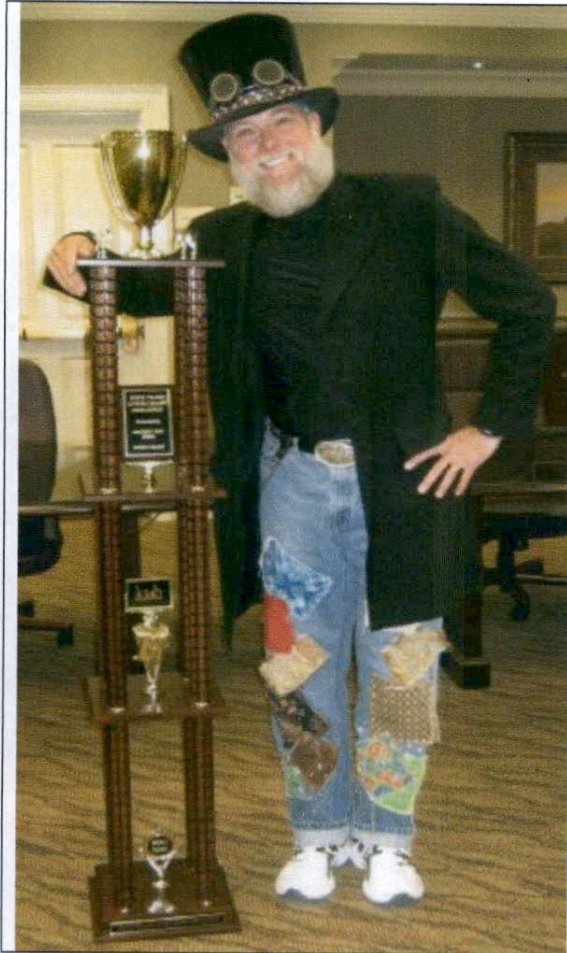


**FLOWS TO WATERWAYS**



# Steve Trash Litter Prevention Challenge

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.



The Litter Prevention Champ will receive:

- Steve Trash Litter Prevention Champ Trophy presented by internationally known Steve Trash
- 5' traveling trophy will be displayed in the school for a year with a permanent engraving
- \$150 cash prize
- Recognition at annual Keep the Shoals Beautiful Annual Awards Ceremony

We will be checking your campus! For complete details of the challenge visit [www.keeptheshoalsbeautiful.com](http://www.keeptheshoalsbeautiful.com) or call Judy Keenum at 256.764.4661.

The "Steve Trash Litter Challenge Trophy" will be awarded each April during Earth Month to the winning school. The six foot traveling Steve Trash Litter Challenge Trophy will have the school name on it, and the school will be keep it until the next year's winner is announced.

In addition to awarding trophy, KTSB will award cash prizes of \$150, \$100, and \$50 to the top three schools. KTSB will also sponsor the winning school for a state wide school award given each year in Montgomery.

Sponsors of the event are the Florence Recycle Center, Keep The Shoals Beautiful, Riverbend Prevention Services, Shoals Solid Waste Authority, Shoals Trophy, Steve Trash Rockin' Eco Hero.



# Keep the Shoals Beautiful Scholarship Application



## Our Mission

**Keep The Shoals Beautiful (KTSB) will empower and engage citizens, businesses and officials in the Shoals area to take action, ownership and responsibility for protecting and enhancing their environment.**

**[www.keeptheshoalsbeautiful.com](http://www.keeptheshoalsbeautiful.com)**

**Shoals Chamber of Commerce  
Phone 256-764-4661  
Fax 256-766-9017**

## Keep the Shoals Beautiful Scholarship Application

The Keep the Shoals Beautiful Scholarship was established to encourage community service projects that support a cleaner environment. Keep the Shoals Beautiful is an affiliate of Keep America Beautiful and sponsored by the Shoals Chamber of Commerce, local governments, business and individual sponsorships. The \$500 cash general scholarships will be awarded 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. To apply for membership, go to [www.keeptheshoalsbeautiful.com](http://www.keeptheshoalsbeautiful.com). The student must demonstrate initiative and participate in community service projects that promote a clean and green environment. A typed essay (1,000 word limit) titled "What I Have Done to Keep The Shoals Beautiful" must be submitted. The essay must include projects or events in which the applicant started or participated to promote a clean environment through litter reduction, environmental education, recycling, clean-ups or other related individual or community service projects. Included must be a description of any participation in Keep the Shoals Beautiful events. Also included may be a future vision or ideas for the Shoals area. Pictures and references do not count towards the 1000 word essay requirement.

The scholarship application will be due April 1<sup>st</sup> each year. It must be received at the Shoals Chamber of Commerce office by 5 p.m. Applications will be reviewed by the Keep the Shoals Beautiful Scholarship Committee and members of local educational institutions. The scholarship will be paid in full during the month of April. Persons who have been awarded the scholarship previously may reapply as a KTSB member and for the scholarship.

**Application Deadline: April 1<sup>st</sup>**

20 Hightower Place  
Florence, AL 35630  
(256) 764-4661

Name	_____	_____	_____
	(Last)	(First)	(Middle/Maiden)
Name of School	_____	_____	Current Grade/Year _____
Birth Date	_____	_____	Expected Graduation Date _____
Phone Number	_____	_____	Cell Number _____
Local Address	_____	_____	_____
	(Number and Street)	(City)	(State) (Zip Code)
Permanent Address	_____	_____	_____
	(Number and Street)	(City)	(State) (Zip Code)
E-mail Address	_____		
Reference Contact:	_____		
Professor/Teacher/Counselor	(Name)	(Title)	(Phone number)
CIRCLE ONE			
Reference Contact:	_____		
Relationship:	(Name)	(Title)	(Phone number)

**I testify that the information given in this application is true and correct. I pledge to be mindful of my environmental impact and to help educate others about keeping the Shoals Beautiful.**

Signature of Applicant \_\_\_\_\_ Date \_\_\_\_\_



## ILLICIT DISCHARGE DETECTION AND ELIMINATION

- Ordinance for Illicit Discharge and Connection to Stormwater System
- Illicit Discharge Training Program Receipt
- Stormwater Runoff Sampling and Testing Results

ORDINANCE NO. A. 238

**ORDINANCE FOR**  
**ILLICIT DISCHARGE AND CONNECTION TO**  
**THE STORMWATER SYSTEM**

BE IT ORDAINED by the City Council of the City of Tuscumbia in the State of Alabama, as follows:

**Section 1. Purpose/Intent.**

The purpose of this ordinance is to provide for the health, safety, and general welfare of the citizens of Tuscumbia through the regulation of non-storm water discharges to the storm drainage system to the maximum extent practicable by federal and state law. This ordinance 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 ordinance 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 ordinance.

**Section 2. Definitions.**

For the purposes of this ordinance, the following shall mean:

Authorized Enforcement Agency: employees or designees of the director of the municipal agency designated to enforce this ordinance.

Best Management Practices (BMPs): schedules of activities, prohibitions of practices, general good house keeping 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 1 acre or more. Beginning in March 2003, NPDES Storm Water Phase II permits will be required for construction projects resulting in land disturbance of 1 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 presence or potential hazard to human health, safety, property, or the environment when improperly treated, stored, transported, disposed of, or otherwise managed.

Illegal Discharge. Any direct or indirect non-storm water discharge to the storm drain system, which is not covered under a proper permit.

Illicit Connections. An illicit connection is defined as either of the following:

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 non-storm water 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, 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.

Industrial Activity. Activities subject to NPDES Industrial Permits as defined in 40 CFR, Section 122.26 (b)(14).

National Pollutant Discharge Elimination System (NPDES) Storm Water Discharge Permit. Means 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.

Non-Storm Water Discharge. Any discharge to the storm drain system that is not composed entirely of storm water.

Person. Means 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; non-hazardous 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.

Storm Water. 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 means any water, or other liquid, other than uncontaminated storm water, discharged from a facility.

### Section 3. Applicability.

This ordinance 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.

### Section 4. Responsibility for Administration.

The City of Tuscumbia shall administer, implement, and enforce the provisions of this ordinance. 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.

#### Section 5. Ultimate Responsibility.

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

#### Section 6. Discharge Prohibitions.

##### 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 storm water. 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 ordinance: water line flushing or other potable water sources, landscape irrigation or lawn watering, diverted stream flows, rising ground water, ground water infiltration to storm drains, uncontaminated pumped ground water, foundation or footing drains (not including active groundwater dewatering systems), crawl space pumps, air conditioning condensation, springs, non-commercial washing of vehicles, natural riparian habitat or wet-land 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 non-storm water 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.

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 ordinance if the person connects a line conveying sewage to the MS4, or allows such a connection to continue.

**Section 7. Suspension of MS4 Access.**

Suspension Due to Illicit Discharges in Emergency Situations

The City of Tuscumbia 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 or 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.

Suspension Due to the Detection of Illicit Discharge

Any person discharging to the MS4 in violation of this ordinance 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.

**Section 8. Industrial or Construction Activity Discharges.**

Any person subject to an industrial or construction activity NPDES storm water 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 Tusculmbia prior to the allowing of discharges to the MS4.

**Section 9. Monitoring of Discharges.**

1. Applicability.

This section applies to all facilities that have storm water discharges associated with industrial activity, including construction activity.

2. Access to Facilities.

- (a) The City of Tusculmbia shall be permitted to enter and inspect facilities subject to regulation under this ordinance as often as may be necessary to determine compliance with this ordinance. 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.
- (b) Facility operators shall allow the City of Tusculmbia 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 storm water, and the performance of any additional duties as defined by state and federal law.
- (c) The City of Tusculmbia 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 storm water discharge.
- (d) The City of Tusculmbia 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 storm water flow and quality shall be calibrated to ensure their accuracy.
- (e) 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 Tusculmbia and shall not be replaced. The costs of clearing such access shall be borne by the operator.

- (f) Unreasonable delays in allowing the City of Tuscumbia access to a permitted facility is a violation of a storm water discharge permit and of this ordinance. A person who is the operator of a facility with a NPDES permit to discharge storm water 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 ordinance.
  
- (g) If the City of Tuscumbia has been refused access to any part of the premises from which storm water is discharged, and he/she is able to demonstrate probable cause to believe that there may be a violation of this ordinance, 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 ordinance 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.

**Section 10. Requirement to Prevent, Control, and Reduce Storm Water Pollutants by the Use of Best Management Practices.**

City of Tuscumbia 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 U. S. 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 non-structural BMPs. Further, any person responsible for a property or premise, which is, or may be, the source of an illicit discharge, may be required to implement, at said person's expense, additional structural and non-structural 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 storm water associated with industrial activity, to the extent practicable, shall be deemed compliance with the provisions of this section. These BMPs shall be part of a storm water pollution prevention plan (SWPP) as necessary for compliance with requirements of the NPDES permit.

**Section 11. 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 storm water, the storm drain system, or water of the U.S. said person shall take all necessary steps to ensure the discovery, containment, and

**Section 19. Criminal Prosecution.**

Any person that has violated or continues to violate this ordinance shall be liable to criminal prosecution to the fullest extent of the law, and shall be subject to a criminal penalty of \$1,000.00 dollars per violation per day and/or imprisonment for a period of time not to exceed 30 days.

The authorized enforcement agency may recover all attorney's fees, court cost and other expenses associated with enforcement of this ordinance, including sampling and monitoring expenses.

**Section 20. Remedies Not Exclusive.**

The remedies listed in this ordinance 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.

**Section 21. Severability Clause.**

If any part, section or subdivision of this ordinance shall be held unconstitutional or invalid for any reason, such holding shall not be construed to invalidate or impair the remainder of this ordinance, which shall continue in full force and effect notwithstanding such holding.

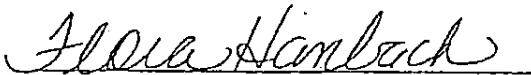
This Ordinance shall become effective upon its approval by the City Council and upon its otherwise becoming law, and its publication as provided by law.

PASSED and ADOPTED this the 24<sup>th</sup> day of February, 2003.



WADE GANN, MAYOR

ATTEST:



FLORA HANBACK  
CITY CLERK

CERTIFICATION

I, Flora Hanback, City Clerk for the City of Tuscumbia, Alabama, hereby certify that the foregoing ordinance was duly and properly adopted at a regular meeting of the City Council of the City of Tuscumbia on the 24<sup>th</sup> day of February, 2003.

That said Ordinance has been duly and properly published on this the 14<sup>th</sup> day of March, 2003, by publishing a copy of said Ordinance in the *Colbert County Reporter*.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal of office this the 14<sup>th</sup> day of March, 2003.

Flora Hanback  
Flora Hanback - City Clerk



**EXCAL VISUAL** LLP  
5721 Arapahoe Ave. Suite A2  
Boulder, CO 80303-1363  
www.excalvisual.com  
training@excalvisual.com

# PACKING LETTER

This is not an invoice.

Attn:

LESTER ECHOLS  
CITY OF TUSCUMBIA  
301 A EAST 7TH ST  
TUSCUMBIA, AL 35674-  
US  
256-386-5654

Customer ID:	33710
Account ID:	82583
Date:	09/30/14
Sender:	RH

Thank you for your interest in Excal Visual EH&S training products. This kit has been sent to you for 15 day evaluation.

The preview you have received contains the following materials:

Qty	Code	Description	
1	21129	Illicit Discharge Detection & Elimination "IDDE-a grate concern" DVD Training Includes DVD Program, Trainer's Guide, Employee Quizzes, Acknowledgement Forms, Pocket References	v 1.0

If you decide to purchase this kit, the unit price for a single kit used on a  
stand-alone (not networked) player or computer is..... \$495.00  
plus shipping and handling

We ask that all persons previewing this kit review it in a timely manner and refrain from using it for training unless it is purchased. If you choose to return the kit, please include this sheet to help us properly log your return and ship to the above address via a traceable method such as UPS, FedEx Ground or USPS Priority Mail.

Licensing, volume discounts and alternate language versions may also be available.  
No parts of the kit may be copied, uploaded to computer, broadcast or reproduced without written permission. Rights to make a single backup copy are available for purchase.

Your free preview expires on: **October 22, 2014**

If you need any further information, your account rep is:

**Ben Daniel at 888-925-6554 or 303-817-6765**

ben@excalvisual.com

Excal Visual produces accurate and concise EH&S training programs, including

DOT HazMat	SPCC: Oil Water - Do Not Mix
Environmental Responsibility	SPCC for Electric Utilities
Environmental Responsibility & Management Systems	Spills & Skills: Non-Emergency HazMat Spill Response
Hazardous Waste Management & Minimization	Stormwater Pollution Prevention - Ground Control
Hazardous Waste Management & Minimization	Stormwater Pollution Prevention - A Drop in the Bucket
California	Stormwater Pollution Prevention - Storm Warnings
Hazardous Waste for Laboratories and	Stormwater Pollution Prevention for Municipalities:
Research Facilities	Rain Check
HAZCOM: Understanding GHS HazCom	Illicit Discharge Detection & Elimination
HazMatters - First Response to a Hazardous	True Cost: The Ripple Effect of a Chemical Spill
Substance Emergency	Universal Waste: bulbs batts bugs & barometers

Excal Visual also provides Computer Based Training and custom, client-specific training aids – please ask your account rep for further information.

*We would appreciate your answers to the Viewer Feedback questions on the back side of this sheet.*

**Thank You**

**EXCAL VISUAL LLP**  
5721 Arapahoe Ave. Suite A2  
Boulder, CO 80303-1363  
www.excalvisual.com  
training@excalvisual.com

# PACKING LETTER

This is not an invoice.

Attn:  
LESTER ECHOLS  
CITY OF TUSCUMBIA  
301 A EAST 7TH ST  
TUSCUMBIA, AL 35674-  
US  
256-386-5654

Customer ID:	33710
Account ID:	82584
Date:	09/30/14
Sender:	RH

Thank you for your interest in Excal Visual EH&S products. This kit has been sent to you for 15 day evaluation.

The preview you have received contains the following materials:

Qty	Code	Description	
1	21135	"IDDE-a grate concern" Public Outreach Package Includes 4 Discs	v 2.0

We ask that all persons previewing this kit review it in a timely manner and refrain from using it except for evaluation unless it is purchased. If you choose to return the kit, please include this sheet to help us properly log your return and ship to the above address via a traceable method such as UPS, FedEx Ground or USPS Priority Mail.

No parts of the kit may be copied, uploaded to computer, broadcast or reproduced without written permission. Rights to make a single backup copy are available for purchase.

Your free preview expires on: **October 22, 2014**

If you need any further information, your account rep is:

**Ben Daniel at 888-925-6554 or 303-817-6765**  
ben@excalvisual.com

Excal Visual produces accurate and concise EH&S training programs, including

DOT HazMat  
Environmental Responsibility  
Environmental Responsibility & Management Systems  
Hazardous Waste Management & Minimization  
Hazardous Waste Management & Minimization  
California.  
Hazardous Waste for Laboratories and  
Research Facilities  
HAZCOM: Understanding GHS HazCom  
HazMatters - First Response to a Hazardous  
Substance Emergency

SPCC: Oil Water - Do Not Mix  
SPCC for Electric Utilities  
Spills & Skills: Non-Emergency HazMat Spill Response  
Stormwater Pollution Prevention - Ground Control  
Stormwater Pollution Prevention - A Drop in the Bucket  
Stormwater Pollution Prevention - Storm Warnings  
Stormwater Pollution Prevention for Municipalities:  
Rain Check  
Illicit Discharge Detection & Elimination  
True Cost: The Ripple Effect of a Chemical Spill  
Universal Waste: bulbs batts bugs & barometers

Excal Visual also provides Computer Based Training and custom, client-specific training aids – please ask your account rep for further information.

We would appreciate your answers to the Viewer Feedback questions on the back side of this sheet.

Thank You

# SOUTHERN ENVIRONMENTAL TESTING, INC.

3103 Northington Court  
 Florence, AL 35630

Ph: (256)740-5532  
 Fax: (256)740-5529

## CHAIN-OF-CUSTODY RECORD

<b>SET</b>	REFERRING CLIENT:		PROJECT NAME: WLC - City of Tuscumbia			PROJECT #:		
			SAMPLE SITE: Florence, AL Tuscumbia, AL			REQUESTOR:		
			SAMPLED BY: Eric Curtis			P.O. #:		
			TURNAROUND: <input type="checkbox"/> NORMAL <input type="checkbox"/> RUSH			SPECIAL INSTRUCTIONS:		

ANALYSIS REQUESTED									
O & G	TSS, pH								
X									
	X								
X									
	X								
X									
	X								
X									
	X								
X									
	X								

LAB USE ONLY SAMPLE #	SAMPLE IDENTIFICATION	DATE	TIME	SAMPLE TYPE	GRAB	COMP	CONTAINER TYPE	# OF CONTAINERS	SAMPLE PRESERVATION
1402871-01	9-1	11/5/2014	16:00	SW	X		G	1	H2SO4
-02	9-1	11/5/2014	16:00	SW	X		P	1	NONE
1402872-01	8-2	11/5/2014	16:10	SW	X		G	1	H2SO4
-02	8-2	11/5/2014	16:10	SW	X		P	1	NONE
1402873-01	16-2	11/5/2014	16:20	SW	X		G	1	H2SO4
-02	16-2	11/5/2014	16:20	SW	X		P	1	NONE
1402874-01	9-7	11/5/2014	19:30	SW	X		G	1	H2SO4
-02	9-7	11/5/2014	19:30	SW	X		P	1	NONE
1402875-01	1-23	11/5/2014	20:42	SW	X		G	1	H2SO4
-02	1-23	11/5/2014	20:42	SW	X		P	1	NONE

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME	RECEIVED FOR LAB BY:	DATE	TIME
<i>Eric Curtis</i>	11/6/14	0815				<i>Felicia Jones</i>	11/6/14	0815
RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME			
RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME			
RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME			

# SOUTHERN ENVIRONMENTAL TESTING, INC.

3103 Northington Court  
 Florence, AL 35630

Ph: (256)740-5532  
 Fax: (256)740-5529

## CHAIN-OF-CUSTODY RECORD

### ANALYSIS REQUESTED

REFERRING CLIENT:

PROJECT NAME: WLC - City of Tusculmbia	PROJECT #:
SAMPLE SITE: Florence, AL <i>Tusculmbia, AL</i>	REQUESTOR:
SAMPLED BY: Eric Curtis	P.O. #:
TURNAROUND: <input type="checkbox"/> NORMAL <input type="checkbox"/> RUSH	
SPECIAL INSTRUCTIONS:	

# SET

LAB USE ONLY SAMPLE #	SAMPLE IDENTIFICATION	DATE	TIME	SAMPLE TYPE	GRAB	COMP	CONTAINER TYPE	# OF CONTAINERS	SAMPLE PRESERVATION	O & G	TSS, pH					
1402876-01	14-2	11/5/2014	20:46	SW	X		G	1	H2SO4	X						
-02	14-2	11/5/2014	20:46	SW	X		P	1	NONE		X					

RELINQUISHED BY: <i>EC</i>	DATE 11/6/14	TIME 0815	RECEIVED BY:	DATE	TIME	RECEIVED FOR LAB BY: <i>Felicia Young</i>	DATE 11/6/14	TIME 0815
RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME	<div style="font-size: 24px; font-family: cursive;"> <i>Felicia Young</i> </div>		
RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME			
RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME			
RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME			



TEST RESULTS

Larry Lynn  
White, Lynn, Collins & Associates  
219 W Alabama St  
Florence AL 35630

Project:	City of Tuscumbia	Lab Number:	1402871
Project Number:		Sample Type:	Stormwater
Sample Location:	Tuscumbia, AL	Date/Time Received:	11/6/14 8:15
Sampled By:	E. Curtis	Date Reported:	11/24/2014
Date/Time Collected:	11/5/14 16:00		

Sample No.	Client No.	Parameter	Result	Qual	Units	Report Limit	Date/Time	Method	Analys
001	9-1	Oil and Grease	<5.00		mg/L	5	11/14/14 9:45	1664A (1)	JLD
002	9-1	pH	8.04		su		11/6/14 9:10	4500H+ (2)	SJL
002	9-1	Solids, Total Suspended	<1.00		mg/L	1	11/7/14 12:10	2540D (2)	SJL

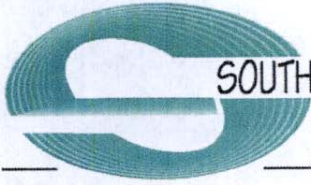
Report Approved By:

Thomas P. Murray, Ph.D.

~METHOD REFERENCES~

- (1) Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, revised March 1993, August 1993, May 1994.
- (2) Standard Methods for the Examination of Water and Waste Water, 18th Edition, 1992.
- (3) Test Methods for Evaluating Solid Wastes Physical Chemical Method SW-846, 3rd Edition, Update IV December 1996.
- (4) HACH Handbook of Water Analysis, HACH Chemical Company, 1979.
- (5) Methods for the Determination of Organic Compounds in Drinking Water, EPA-600/4-88/039, Revised July, 1991, August 1995.





TEST RESULTS

Larry Lynn  
White, Lynn, Collins & Associates  
219 W Alabama St  
Florence AL 35630

Project: City of Tuscumbia  
Project Number:  
Sample Location: Tuscumbia, AL  
Sampled By: E. Curtis  
Date/Time Collected: 11/5/14 16:10

Lab Number: 1402872  
Sample Type: Stormwater  
Date/Time Received: 11/6/14 8:15  
Date Reported: 11/24/2014

Sample No.	Client No.	Parameter	Result	Qual	Units	Report Limit	Date/Time	Method	Analys
001	8-2	Oil and Grease	<5.00		mg/L	5	11/14/14 9:45	1664A (1)	JLD
002	8-2	pH	7.38		su		11/6/14 9:14	4500H+ (2)	SJL
002	8-2	Solids, Total Suspended	4.00		mg/L	1	11/7/14 12:10	2540D (2)	SJL

Report Approved By: Thomas P. Murray  
Thomas P. Murray, Ph.D.

~METHOD REFERENCES~

- (1) Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, revised March 1993, August 1993, May 1994.
- (2) Standard Methods for the Examination of Water and Waste Water, 18th Edition, 1992.
- (3) Test Methods for Evaluating Solid Wastes Physical Chemical Method SW-846, 3rd Edition, Update IV December 1996.
- (4) HACH Handbook of Water Analysis, HACH Chemical Company, 1979.
- (5) Methods for the Determination of Organic Compounds in Drinking Water, EPA-600/4-88/039, Revised July, 1991, August 1995.



TEST RESULTS

Larry Lynn  
White, Lynn, Collins & Associates  
219 W Alabama St  
Florence AL 35630

Project: City of Tuscumbia  
Project Number:  
Sample Location: Tuscumbia, AL  
Sampled By: E. Curtis  
Date/Time Collected: 11/5/14 16:20

Lab Number: 1402873  
Sample Type: Stormwater  
Date/Time Received: 11/6/14 8:15  
Date Reported: 11/24/2014

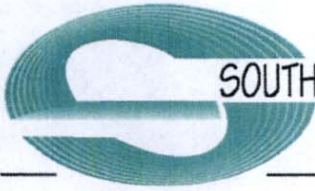
Sample No.	Client No.	Parameter	Result	Qual	Units	Report Limit	Date/Time	Method	Analys
001	16-2	Oil and Grease	<5.00		mg/L	5	11/14/14 9:45	1664A (1)	JLD
002	16-2	pH	7.66		su		11/6/14 9:17	4500H+ (2)	SJL
002	16-2	Solids, Total Suspended	2.00		mg/L	1	11/7/14 12:10	2540D (2)	SJL

Report Approved By:

Thomas P. Murray, Ph.D.

~METHOD REFERENCES~

- (1) Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, revised March 1993, August 1993, May 1994.
- (2) Standard Methods for the Examination of Water and Waste Water, 18th Edition, 1992.
- (3) Test Methods for Evaluating Solid Wastes Physical Chemical Method SW-846, 3rd Edition, Update IV December 1996.
- (4) HACH Handbook of Water Analysis, HACH Chemical Company, 1979.
- (5) Methods for the Determination of Organic Compounds in Drinking Water, EPA-600/4-88/039, Revised July, 1991, August 1995.



TEST RESULTS

Larry Lynn  
White, Lynn, Collins & Associates  
219 W Alabama St  
Florence AL 35630

Project: City of Tuscombua  
Project Number:  
Sample Location: Tuscombua, AL  
Sampled By: E. Curtis  
Date/Time Collected: 11/5/14 19:30

Lab Number: 1402874  
Sample Type: Stormwater  
Date/Time Received: 11/6/14 8:15  
Date Reported: 11/24/2014

Sample No.	Client No.	Parameter	Result	Qual	Units	Report Limit	Date/Time	Method	Analys
001	9-7	Oil and Grease	<5.00		mg/L	5	11/14/14 9:45	1664A (1)	JLD
002	9-7	pH	7.54		su		11/6/14 9:21	4500H+ (2)	SJL
002	9-7	Solids, Total Suspended	68.0		mg/L	1	11/7/14 12:10	2540D (2)	SJL

Report Approved By:

Thomas P. Murray, Ph.D.

~METHOD REFERENCES~

- (1) Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, revised March 1993, August 1993, May 1994.
- (2) Standard Methods for the Examination of Water and Waste Water, 18th Edition, 1992.
- (3) Test Methods for Evaluating Solid Wastes Physical Chemical Method SW-846, 3rd Edition, Update IV December 1996.
- (4) HACH Handbook of Water Analysis, HACH Chemical Company, 1979.
- (5) Methods for the Determination of Organic Compounds in Drinking Water, EPA-600/4-88/039, Revised July, 1991, August 1995.





TEST RESULTS

Larry Lynn  
White, Lynn, Collins & Associates  
219 W Alabama St  
Florence AL 35630

Project: City of Tuscumbia  
Project Number:  
Sample Location: Tuscumbia, AL  
Sampled By: E. Curtis  
Date/Time Collected: 11/5/14 20:42

Lab Number: 1402875  
Sample Type: Stormwater  
Date/Time Received: 11/6/14 8:15  
Date Reported: 11/24/2014

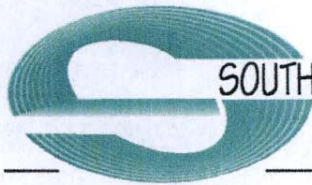
Sample No.	Client No.	Parameter	Result	Qual	Units	Report Limit	Date/Time	Method	Analys
001	1-23	Oil and Grease	28.7		mg/L	5	11/14/14 9:45	1664A (1)	JLD
002	1-23	pH	9.09		su		11/6/14 9:23	4500H+ (2)	SJL
002	1-23	Solids, Total Suspended	64.0		mg/L	1	11/7/14 12:10	2540D (2)	SJL

Report Approved By:

Thomas P. Murray, Ph.D.

~METHOD REFERENCES~

- (1) Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, revised March 1993, August 1993, May 1994.
- (2) Standard Methods for the Examination of Water and Waste Water, 18th Edition, 1992.
- (3) Test Methods for Evaluating Solid Wastes Physical Chemical Method SW-846, 3rd Edition, Update IV December 1996.
- (4) HACH Handbook of Water Analysis, HACH Chemical Company, 1979.
- (5) Methods for the Determination of Organic Compounds in Drinking Water, EPA-600/4-88/039, Revised July, 1991, August 1995.



TEST RESULTS

Larry Lynn  
White, Lynn, Collins & Associates  
219 W Alabama St  
Florence AL 35630

Project: City of Tuscumbia  
Project Number:  
Sample Location: Tuscumbia, AL  
Sampled By: E. Curtis  
Date/Time Collected: 11/5/14 20:46

Lab Number: 1402876  
Sample Type: Stormwater  
Date/Time Received: 11/6/14 8:15  
Date Reported: 11/24/2014

Sample No.	Client No.	Parameter	Result	Qual	Units	Report Limit	Date/Time	Method	Analys
001	14-2	Oil and Grease	<5.00		mg/L	5	11/14/14 9:45	1664A (1)	JLD
002	14-2	pH	8.13		su		11/6/14 9:25	4500H+ (2)	SJL
002	14-2	Solids, Total Suspended	6.00		mg/L	1	11/7/14 12:10	2540D (2)	SJL

Report Approved By: Thomas P. Murray  
Thomas P. Murray, Ph.D.

~METHOD REFERENCES~

- (1) Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, revised March 1993, August 1993, May 1994.
- (2) Standard Methods for the Examination of Water and Waste Water, 18th Edition, 1992.
- (3) Test Methods for Evaluating Solid Wastes Physical Chemical Method SW-846, 3rd Edition, Update IV December 1996.
- (4) HACH Handbook of Water Analysis, HACH Chemical Company, 1979.
- (5) Methods for the Determination of Organic Compounds in Drinking Water, EPA-600/4-88/039, Revised July, 1991, August 1995.



## POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

- QCI Certificate
- Debris and Leaf Collection Report

**ADEM**

Qualified Credentialed Inspector

Hugh (Bo) Stanley

City of Tuscumbia

QCI No. T2591

Expiration Date: 8/10/2015

P.O. Box 29  
Tuscumbia, AL 35674  
Phone: 256-762-1860  
Fax: 256-386-5662  
[hstan29@comcast.net](mailto:hstan29@comcast.net)

Initial Training: 8/10/2011  
Most Recent: 9/6/2014

452147	94	10	10/16/2014	3.3	9.9	STORM DEBRIS
452175	95	10	10/16/2014	1.78	5.34	STORM DEBRIS
452193	100	10	10/16/2014	1.74	5.22	STORM DEBRIS
452200	94	10	10/16/2014	4.09	12.27	STORM DEBRIS
452206	93	10	10/16/2014	2.17	6.51	STORM DEBRIS
452238	100	10	10/17/2014	3.06	9.18	STORM DEBRIS
452247	95	10	10/17/2014	2.6	7.8	STORM DEBRIS
452258	93	10	10/17/2014	1.63	4.89	STORM DEBRIS
452263	100	10	10/17/2014	1.45	4.35	STORM DEBRIS
452273	94	10	10/17/2014	2.83	8.49	STORM DEBRIS
452283	95	10	10/17/2014	1.12	4	STORM DEBRIS
452285	104	10	10/17/2014	4.4	13.2	STORM DEBRIS
452298	95	10	10/17/2014	6.03	18.09	STORM DEBRIS
452321	100	10	10/17/2014	5.4	16.2	STORM DEBRIS
452325	94	10	10/17/2014	3.32	9.96	STORM DEBRIS
452337	93	10	10/17/2014	1.75	5.25	STORM DEBRIS
452360	95	10	10/17/2014	1.21	4	STORM DEBRIS
452357	93	10	10/17/2014	0.82	4	STORM DEBRIS
452364	100	10	10/17/2014	1.8	5.4	STORM DEBRIS
452374	94	10	10/17/2014	3.74	11.22	STORM DEBRIS
452375	104	10	10/17/2014	3.68	11.04	STORM DEBRIS
452810	93	10	10/22/2014	3.01	9.03	STORM DEBRIS
452811	95	10	10/22/2014	1.88	5.64	STORM DEBRIS
452827	94	10	10/22/2014	3.72	11.16	STORM DEBRIS
452831	104	10	10/22/2014	4.51	13.53	STORM DEBRIS
452840	95	10	10/22/2014	2.47	7.41	STORM DEBRIS
452842	93	10	10/22/2014	2.31	6.93	STORM DEBRIS
452860	94	10	10/22/2014	1.93	5.79	STORM DEBRIS
452868	93	10	10/22/2014	2.22	6.66	STORM DEBRIS
452875	95	10	10/22/2014	3.06	9.18	STORM DEBRIS
452878	104	10	10/22/2014	3.16	9.48	STORM DEBRIS
452890	95	10	10/22/2014	2.93	8.79	STORM DEBRIS
452896	93	10	10/22/2014	3.01	9.03	STORM DEBRIS
452943	95	10	10/22/2014	0.91	4	STORM DEBRIS
452949	104	10	10/22/2014	2.53	7.59	STORM DEBRIS
452961	94	10	10/22/2014	3.55	10.65	STORM DEBRIS
452963	93	10	10/22/2014	3.88	11.64	STORM DEBRIS
452967	95	10	10/22/2014	2.12	6.36	STORM DEBRIS
452970	104	10	10/22/2014	4.49	13.47	STORM DEBRIS
452977	93	10	10/22/2014	2.1	6.3	STORM DEBRIS
452981	95	10	10/22/2014	1.93	5.79	STORM DEBRIS
453011	93	10	10/23/2014	3.23	9.69	STORM DEBRIS
453019	95	10	10/23/2014	4.09	12.27	STORM DEBRIS
453033	95	10	10/23/2014	2.98	8.94	STORM DEBRIS

451774	93	10	10/14/2014	2.96	8.88	1	STORM DEBRIS
451779	95	10	10/14/2014	1.76	5.28	1	STORM DEBRIS
451790	100	10	10/14/2014	3.3	9.9	1	STORM DEBRIS
451795	93	10	10/14/2014	2.09	6.27	1	STORM DEBRIS
451805	103	10	10/14/2014	10.35	320.85	5	STORM DEBRIS
451806	95	10	10/14/2014	1.88	5.64	1	STORM DEBRIS
451815	93	10	10/14/2014	2.57	7.71	1	STORM DEBRIS
451819	100	10	10/14/2014	2.32	6.96	1	STORM DEBRIS
451839	103	10	10/14/2014	3.95	122.45	5	STORM DEBRIS
451857	91	10	10/14/2014	12.19	377.89	5	STORM DEBRIS
451863	99	10	10/14/2014	9.17	284.27	5	STORM DEBRIS
451865	100	10	10/14/2014	2.05	6.15	1	STORM DEBRIS
451804	94	10	10/14/2014	3.25	9.75	1	STORM DEBRIS
451864	94	10	10/14/2014	3.64	10.92	1	STORM DEBRIS
451881	94	10	10/14/2014	3.46	10.38	1	STORM DEBRIS
451763	104	10	10/14/2014	6	18	1	STORM DEBRIS
451843	104	10	10/14/2014	4.19	12.57	1	STORM DEBRIS
451866	104	10	10/14/2014	5.08	15.24	1	STORM DEBRIS
451896	93	10	10/15/2014	0.95	4	1	STORM DEBRIS
451898	100	10	10/15/2014	2.99	8.97	1	STORM DEBRIS
451905	104	10	10/15/2014	4.3	12.9	1	STORM DEBRIS
451906	95	10	10/15/2014	1.45	4.35	1	STORM DEBRIS
451913	94	10	10/15/2014	4.16	12.48	1	STORM DEBRIS
451930	93	10	10/15/2014	1.4	4.2	1	STORM DEBRIS
451937	100	10	10/15/2014	2.24	6.72	1	STORM DEBRIS
451943	95	10	10/15/2014	1.3	4	1	STORM DEBRIS
451946	104	10	10/15/2014	5.82	17.46	1	STORM DEBRIS
451950	94	10	10/15/2014	4.51	13.53	1	STORM DEBRIS
451995	100	10	10/15/2014	1.96	5.88	1	STORM DEBRIS
452004	94	10	10/15/2014	3.53	10.59	1	STORM DEBRIS
452008	104	10	10/15/2014	3.59	10.77	1	STORM DEBRIS
452012	93	10	10/15/2014	3.03	9.09	1	STORM DEBRIS
452017	95	10	10/15/2014	2.55	7.65	1	STORM DEBRIS
452032	100	10	10/15/2014	1.74	5.22	1	STORM DEBRIS
452033	104	10	10/15/2014	7.03	21.09	1	STORM DEBRIS
452062	95	10	10/16/2014	2.4	7.2	1	STORM DEBRIS
452065	94	10	10/16/2014	4.52	13.56	1	STORM DEBRIS
452066	93	10	10/16/2014	3.57	10.71	1	STORM DEBRIS
452073	100	10	10/16/2014	2.12	6.36	1	STORM DEBRIS
452087	95	10	10/16/2014	3.35	10.05	1	STORM DEBRIS
452098	104	10	10/16/2014	3.51	10.53	1	STORM DEBRIS
452107	93	10	10/16/2014	1.16	4	1	STORM DEBRIS
452140	100	10	10/16/2014	1.93	5.79	1	STORM DEBRIS
452143	93	10	10/16/2014	1.3	4	1	STORM DEBRIS



453036	93	10	10/23/2014	3.86	11.58	STORM DEBRIS
453067	93	10	10/23/2014	1	4	STORM DEBRIS
453098	95	10	10/23/2014	1.1	4	STORM DEBRIS
453119	95	10	10/23/2014	0.96	4	STORM DEBRIS
453162	94	10	10/24/2014	2.64	7.92	STORM DEBRIS
453168	95	10	10/24/2014	3	9	STORM DEBRIS
453199	94	10	10/24/2014	3.72	11.16	STORM DEBRIS
453244	93	10	10/24/2014	3.63	10.89	STORM DEBRIS
453247	94	10	10/24/2014	2.64	7.92	STORM DEBRIS
453167	93	10	10/24/2014	2.84	8.52	STORM DEBRIS
453573	95	10	10/29/2014	2.09	6.27	STORM DEBRIS
453576	93	10	10/29/2014	1.75	5.25	STORM DEBRIS
453580	95	10	10/29/2014	3.2	9.6	STORM DEBRIS
453584	93	10	10/29/2014	1.66	4.98	STORM DEBRIS
453604	95	10	10/29/2014	2.46	7.38	STORM DEBRIS
453609	93	10	10/29/2014	1.66	4.98	STORM DEBRIS
453612	95	10	10/29/2014	2.21	6.63	STORM DEBRIS
456391	93	10	10/30/2014	1.26	4	STORM DEBRIS
453709	93	10	10/30/2014	0.83	4	STORM DEBRIS
453715	95	10	10/30/2014	1.06	4	STORM DEBRIS
453732	93	10	10/30/2014	0.74	4	STORM DEBRIS
453764	93	10	10/30/2014	1.49	4.47	STORM DEBRIS
458095	387	12	12/11/2014	5.36	16.08	leaf truck
458157	387	12	12/11/2014	4.35	13.05	leaf truck
458233	387	12	12/12/2014	4.37	13.11	leaf truck
458291	387	12	12/12/2014	3.6	10.8	leaf truck
458629	387	12	12/17/2014	3.66	10.98	leaf truck
458693	387	12	12/17/2014	5.34	16.02	leaf truck
458799	387	12	12/18/2014	3.04	9.12	leaf truck
458840	387	12	12/18/2014	1.75	5.25	leaf truck
458955	387	12	12/19/2014	1.76	5.28	leaf truck
459685	387	12	12/30/2014	5.71	17.13	leaf truck
459823	387	12	12/31/2014	3.26	9.78	leaf truck
				368.56	2117	

*Totals  
Oct. - Dec.  
2014*