

**Recertification Notice of Intent (NOI)**

**Regulated Small Municipal Separate Storm Sewer Systems (MS4's) General Permit ARR040000**

You must **complete, certify, and sign this Recertification Notice of Intent (NOI) form** and return it along with the **updated Stormwater Management Program (SWMP)** to the Department in order to continue permit coverage under the General Permit ARR040000. You must submit this form **no later than July 1, 2019**. Please keep a copy of this form for your records once completed and signed.

Permittee Name	Permit Tracking Number	AFIN
City of Jacksonville	ARR040031	88-00874

If any changes or additions need to be made to the information shown below, please update the new information in the corrections section below and/or attach documentation.

	Current Information in ADEQ's database	Corrections/Additions, If Needed
Small MS4 Physical Address	#1 Municipal Drive	
County	Pulaski	
Urbanized/Core Areas	Little Rock	
Receiving Stream	Bayou Meto, Jacks Bayou	
Ultimate Receiving Stream	Arkansas River	
Contact Person & Title	James Whisker, City Engineer	<i>Jim Dakley, Dir. of Public Works</i>
Telephone Number	(501) 982-6071	
Cognizant Official & Title	Gary Fletcher, Mayor	<i>Bob Johnson, Mayor</i>
Responsible Official & Title	Gary Fletcher, Mayor	<i>Bob Johnson, Mayor</i>

Are the mailing and invoice addresses the same?

Yes or No\* \*If "No," please provide invoice address: \_\_\_\_\_

Additional Comments:

*Above. Municipal change has resulted in the changes listed*

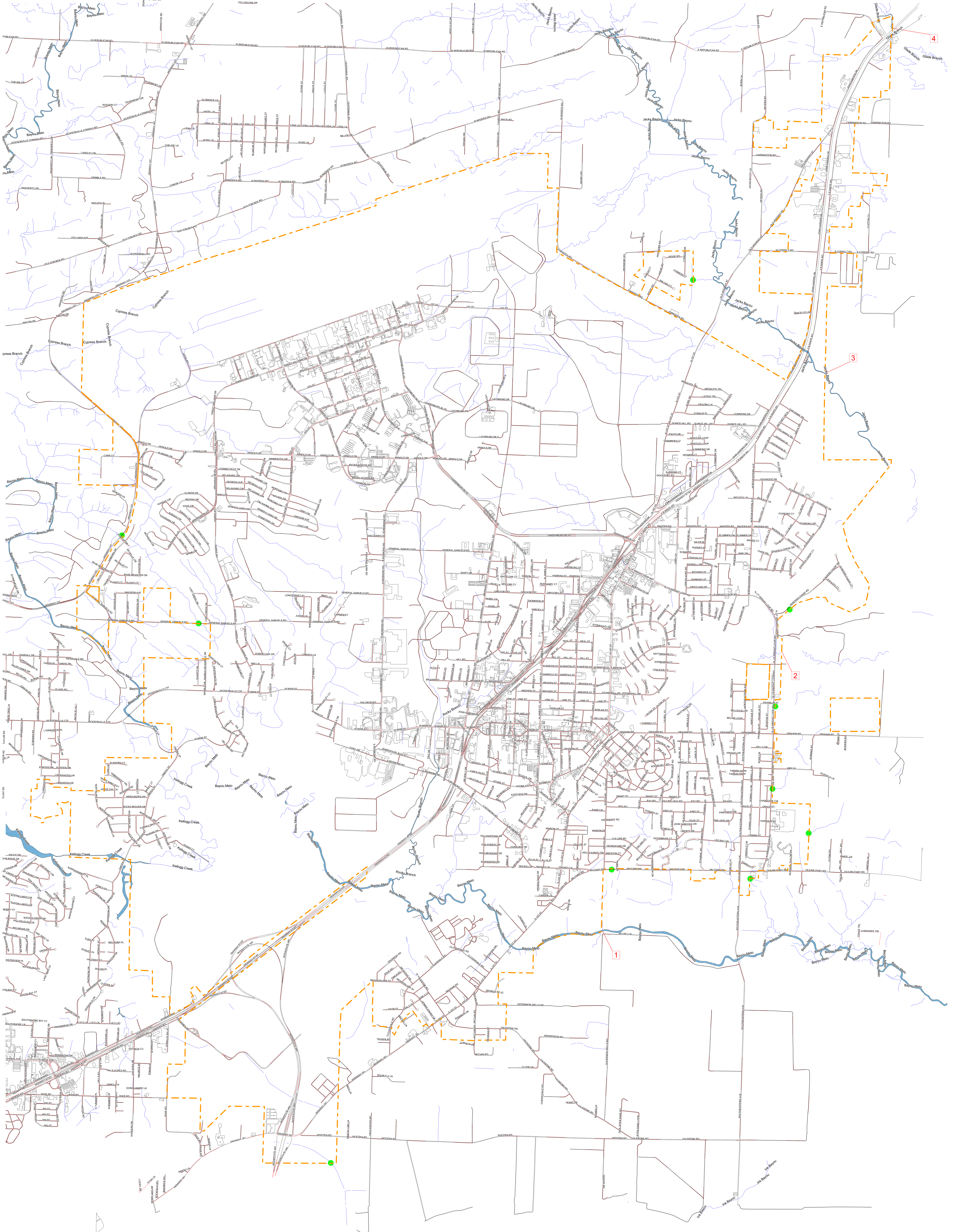
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage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

I certify that I have read and will comply with all the requirements of the Regulated Small Municipal Separate Storm Sewer Systems (MS4's) General Permit ARR040000.

Responsible Official Name: *Bob Johnson*  
 Responsible Official Title: *Mayor*  
 Responsible Official Signature: *[Signature]*  
 Date: *6-18-19*

Return the NOI form to the address below or send it electronically to: [water.permit.application@adeq.state.ar.us](mailto:water.permit.application@adeq.state.ar.us) or via ePortal at the following web address: <https://eportal.adeq.state.ar.us/>

NPDES Permits Section, Office of Water Quality  
 Arkansas Department of Environmental Quality  
 5301 Northshore Drive  
 North Little Rock, AR 72118-5317



MAP LEGEND	
1	Bayou Meto
2	Duva Branch
3	Jacks Bayou
4	Glade Branch
●	Other Outfall
— (blue)	Stream Center
— (black)	Street Center
— (orange dashed)	City Limits

# **Stormwater Management Plan**

## **City of Jacksonville MS4s**



**Permit# ARRo40031**

**Revised By:**

**Mid-South Safety & Environmental Consulting, LLC.  
1013 North 2<sup>nd</sup> St., Suite C  
Cabot, AR 72023**

SWMP Revision Date:  
March, 2019

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## **STORMWATER MANAGEMENT PROGRAM (SWMP)**

**Permit Number**

**ARRo40031**

One of the functions of the Engineering Division is to provide inspections and enforcement to citizens, businesses, and government agencies so they can comply with the Clean Water Act and enjoy a safe and clean environment.

### **1. Storm water management Program (SWMP)**

#### **Responsibilities**

Each permittee shall contribute to the development and updates of a comprehensive SWMP including pollution prevention measures, treatment of removal techniques, use of legal authority, and other appropriate means to control the quality of storm water discharge from the Municipal Separate Storm Sewer Systems {MS4}. Controls and activities in the SWMP shall identify areas of permittee responsibility on a jurisdiction, applicability, or specific area basis. The SWMP shall include controls necessary to effectively prohibit the discharge of non-storm water into the MS4 and reduce the discharge of pollutants from the MS4 to the Maximum Extent Practicable {MEP}. The SWMP shall identify the roles and responsibilities of each permittee.

#### **Term of SWMP**

The SWMP shall cover the term of the permit and shall be updated as necessary, or as required by the City Engineer, to ensure compliance with the statutory requirement of Section 402(p){3}{B} of the Clean Water Act .

#### **Implementation**

Implementation of the revised and updated SWMP may be achieved through participation with other permittees, public agencies or private entities in cooperative efforts to satisfy the requirements of Part II of the permit.

### **Total Maximum Daily Load (TMDL)**

Discharges from the City of Jacksonville MS4 could be expected to impact Reach 907 and Reach 007 of Bayou Meto. While these waterbodies do not have a specific TMDL assignments, they are given impaired stream designations by the ADEQ. Reach 907 has listed impairments of Turbidity and Dissolved Oxygen, while Reach 007 has listed impairments of Dissolved Oxygen, Sulfates, Total Dissolved Solids, and Priority Organics. While these impairments exist, it is not believed that the City of Jacksonville MS4 is a contributor.

### **Legal Authority**

Each permittee shall ensure legal authority to control discharges to and from those portions of the MS4 over which it has jurisdiction. The legal authority may be a combination of statute, ordinance, permit, contract, order or inter-jurisdictional agreements with permittees with existing legal authority to control contribution of pollutants into the MS4:

- To prohibit discharges into the MS4;
- Control the discharge of spills, dumping or disposal of materials other than storm water into the MS4;
- Compliance with ordinances, permits and orders;
- To carry out inspections, surveillance, enforcement and monitoring procedures necessary to determine compliance with permit conditions.

### **SWMP Resources**

Each permittee shall provide adequate finances, staff, equipment, and support capabilities to implement their activities under the SWMP.

### **SWMP Review and Update**

Each permittee shall participate in an annual review of the current SWMP in conjunction with preparation of the annual report required under Part V.D. The SWMP may change during the life of the permit in accordance with Part II G and Part III of the permit.

### **Retention of SWMP Records**

The permittee(s) shall retain the SWMP development in accordance with Parts II and III for at least three (3) years after coverage under this permit terminates.

### **Discharge Goals**

The following goals are established for discharges for the City of Jacksonville MS4:

- No discharge of toxins in toxic amounts;
- No discharge of pollutants in quantities that would cause a violation of Arkansas Water Quality Standards;
- No discharge of floatable debris, oils, scum, foam, or grease in other than trace amounts;
- No discharge of non-storm water from the MS4 (except as provided in Permit);
- No discharge of sediment from construction activities into the MS4.

## **Table of Organization**

MS4 Coordinators:

Jacksonville City Engineer  
#1 Municipal Dr.  
Jacksonville, AR 72076  
501-982-6071

Jimmy Oakley  
Public Works Director  
#1 Municipal Dr.  
Jacksonville, AR 72076  
501-982-6071

## **2. New and Re-development Program**

All construction plans that are submitted for City approval will be reviewed for compliance with the City of Jacksonville Stormwater Ordinance. Plans reviewed will be required to have Best Management Practices (BMP's) that will help eliminate sediment erosion in storm water runoff. The site plan will indicate where BMP's will be installed and a detail sheet indicates the correct way to install each practice. A Storm Water Pollution Prevention Plan (SWPPP) reviewed and a Notice of Intent (NOI) is required from the Arkansas Department of Environmental Quality (ADEQ) if the disturbed area is 5 acres or greater before construction is authorized. No land disturbing will be authorized without a pre-construction conference.

As a project is completed, permittees will request a Final Site Inspection from the City of Jacksonville. The Storm Water inspector will inspect the permitted site to ensure that vegetation is established or that seeding of the disturbed area is complete and BMP's are still in place until vegetation is established. If the permittee filed an NOI with the ADEQ, the permittee will fill out a Notice of Termination (NOT). The following conditions must be met before a NOT can be filed:

- The site has been stabilized with 100% ground cover and a vegetative density of at least 80%;
- All storm water discharges from construction activities have been eliminated;
- A transfer of owner/operations; operator is no longer in charge of the site and a transfer of coverage to a different operator has been received.

If the drainage ways or detention ponds do not have vegetation established at the time of inspection, or the seeding and erosion control has not occurred, the site will not pass inspection. Therefore the Certificate of Occupancy will not be issued, or building permits will not be issued (subdivisions). The filing of the NOT is the responsibility of the permittee.

Annual reviews and updates will be made to City ordinances and the SWMP to include criteria and procedures for determining and enforcing requirements for structural and non-structural controls on new and significant redevelopment and re-construction of roads and highways.

The City of Jacksonville will review the BMP's during the site plan review. The City is always open to new and innovative devices that will accomplish the goals in this SWMP.



### **3. Flood Control Projects and Structural Controls Program**

When needed, the City of Jacksonville will clean out and take care of minor maintenance of the waterways located within the city limits. If there is major erosion or major maintenance required, the City of Jacksonville will use private contractors to perform the required work.

The City of Jacksonville's Code Enforcement Officers monitor the maintenance of the private detention ponds and will issue citations when growth becomes a problem.

The City reviews all plans for the development of retention/detention ponds for compliance with the City of Jacksonville Ordinances.

The City will continue to evaluate, prioritize, and install structural controls on developed areas or retrofitting of existing structures. These structures shall be operated in a manner to reduce the discharge of pollutants to the MS4.

#### **4. Construction Site Runoff Program**

The City of Jacksonville requires that a Pre-Construction Conference be held with the city prior to start of all land disturbing activities for the construction of new utilities, industrial, commercial or institutional facilities, multi-family residential units and residential subdivisions. In order to schedule a Pre-Construction conference , several documents must be provided:

- *Erosion Control Site Plan*: Drawings identifying the placement of all planned BMP's with installation instructions & details.
- *Permit Authorization from Arkansas Department of Environmental Quality*: If the area of land to be disturbed is 5 acres or greater, a letter issuing coverage under the ADEQ's General Construction Permit.
- *Small Site Construction Notice* : If the area of land to be disturbed is less than 5 acres, a form stating the amount of disturbed area and person responsible for erosion control during construction. All sites greater than one acre, but less than 5 acres must comply with ADEQ's Small Site Construction General Construction Permit requirements.
- *Staff Approval of Construction Plans*.

During the construction phase of a project, the City of Jacksonville Storm Water Inspector will have access to the site and its records and a "maintenance and inspection" report will be completed and discussed with the owner/operator or designer. Upon the next inspection, if deficiencies have not been corrected, a Notice of Violation (NOV) will be issued to the owner/ operator. If a site remains deficient the Storm Water Inspector will continue enforcement procedures outlined in the City of Jacksonville's Storm Water Ordinance.

Jacksonville's city ordinances will be reviewed annually and modified as needed.

Notifications to contractors/developers of their potential responsibilities under the ADEQ permitting program, for construction site runoff, will be done by the City of Jacksonville during the review process.

#### **Municipal Construction Permits**

The City of Jacksonville is the "owner " of any City project . The contractor will have "daily operational control " of each project and therefore manage the installation and maintenance of erosion controls. The Jacksonville Storm Water Inspector will regularly inspect each project until completion .

## **5. Jacksonville's Composting Facility**

The Jacksonville Composting Facility provides the citizens of Jacksonville curbside pickup of grass clippings, tree trimmings, and leaves. Materials not accepted are tree stumps, root balls, railroad ties, sod, dirt, concrete, rocks, treated lumber, household trash, appliances, and brush or limbs more than 6 inches in diameter and longer than 6 feet in length.

Recycling bins are also available at the recycling center. Recycling materials are accepted during normal business hours. Items accepted are aluminum cans, newspaper, catalogs, telephone directories, office paper, and most #1 and #2 plastics along with corrugated cardboard.

In order to use the Recycling Center, citizens will need to present a Utility Bill and a photo ID. This ensures that the facility is not abused by people who do not live within the city limits.

The Recycling Center is located at 1300 Marshall Road and is open Monday thru Friday from 7:00 a.m. to 4:00 p.m.

## **6. Pulaski County Solid Waste District**

The City of Jacksonville realizes that there are other forms of waste that will need to be disposed. We have an agreement with the Pulaski County Solid Waste District to allow residents of Jacksonville to recycle/dispose of non- biodegradable items. Their hours of collection are Wednesdays from 7:00 a.m. until 9:30 a.m. & 3:30 p.m. until 5:30 p.m. and Saturdays from 7:00 a.m. until 12 noon for Electronic and Household Chemical Collection.

Items accepted for Electronic and Household Chemical Collection are :

Computers, copiers, monitors, televisions, cell phones, microwave ovens, DVD players, VCR's, printers, stereos, radios, fax machines.

Used oil, used gasoline, used anti-freeze, batteries (auto, household), pesticides, fertilizer, fluorescent light bulbs, and cleaning agents.

Absolutely No Paint Accepted.

## **7. Public Outreach/Public Involvement**

Since 2003, the City of Jacksonville has been operating under EPA's federally mandated Phase II Stormwater regulations as "small" municipal separate storm sewer systems (MS4s) that meet "urbanized area" criteria based on 2000 U.S. Census population data. We have a successful and cost-effective means of implementing the following minimum control measures required in the Phase II permits:

- Public Education and Outreach;
- Public Involvement and Participation;
- Pollution Prevention and Good Housekeeping (training for municipal employees).

## **8. Roadway Operation and Maintenance Program**

The City of Jacksonville Street Department manages the cleaning out of curb inlets to remove sediment and debris that could potentially clog storm drains. The Street Department has a street sweeper and manages the cleaning of city streets. The Street Department manages roadside ditches and continually cleans and reshapes the ditches to maintain positive drainage.

Updates to the SWMP will be made to include any roadway operation and management changes.

## **9. Pesticides, Herbicide and Fertilizer Application Program**

Before a pesticide can be sold in Arkansas, it must first be registered with the Plant Board in accordance with the Arkansas Pesticide Control Act and Regulations. This allows the Plant Board to confirm that the product meets all State and Federal requirements to provide for both human and environmental protection. Each year the Pesticide Division registers approximately 10,000 pesticides for use in the State.

Both "users" and "applicators" of restricted use pesticides must be trained in the proper handling of such pesticides and then licensed by the Plant Board in accordance with the Arkansas Pesticide Use and Application Act and Regulations. Those applicators that will apply pesticides commercially must also be tested before a license can be issued. Each year the Pesticide Division issues approximately 15,000 Private Applicator Licenses, 900 Commercial Applicator Licenses, 2000 Non-Commercial Applicator Licenses, 500 Commercial Firm Licenses (ground and air), and 250 Custom Applicator Licenses.

The division also takes its responsibility for taking enforcement action against those persons who fail to comply with the law and regulations very seriously. Enforcement actions are taken in a fair and equitable fashion as outlined by the Division's Enforcement Response Regulations. Penalties can range from a warning letter to a monetary assessment of up to \$1,000.00 and license revocation.

Please visit the Arkansas plant board site [www.plantboard.org](http://www.plantboard.org).

## **10. Pollution Complaints and Spills Response Programs**

Any pollution complaints and spills in the City of Jacksonville are handled by the City of Jacksonville Fire Department or the Pulaski County Emergency Response.



## **11. Illicit Discharge Detection and Elimination Program**

The Illicit Discharge Detection and Elimination Program functions to locate and eliminate illicit discharges and improper disposals into the MS4. This program shall include dry weather screening activities to locate portions of the MS4 with suspected illicit discharges and improper disposal. Follow-up activities to eliminate illicit discharges and improper disposal may be prioritized on the basis of magnitude and nature of the suspected discharge; sensitivity of the receiving water; and/or other relevant factors. This program establishes priorities and schedules for screening the entire MS4 at least once during the permit term. The City of Jacksonville shall require the elimination of illicit discharges and improper disposal practices as expeditiously as reasonably possible. Where the elimination of an illicit discharge within ten (10) days is not possible, the City of Jacksonville shall require an expeditious schedule for removal of the discharge. In the interim, the City of Jacksonville shall require the operator of the illicit discharge to take all reasonable measures to minimize the discharge of pollutants to the MS4.

Illicit Discharges and Improper Disposal: Non-storm water discharge to the MS4 shall be effectively prohibited. For the purpose of this permit, the following discharges need not be addressed as illicit discharges by the permittee(s) not prohibited from entering the MS4: discharges regulated by a separate ADEQ permit; and non-storm water discharges identified by the permittee as specified in item (a) below,

Permittee(s) shall identify in the SWMP any categories of non-storm water that are not prohibited from being discharged into the MS4, in accordance with conditions described in items (1) and (2) below.

1. Categories of non-storm water discharges that the permittee(s) may exempt from the prohibition of non-storm water entering the MS4 include:
  - a. Firefighting activities;
  - b. Fire hydrant flushing;
  - c. Water used to wash vehicles (where detergents or other chemicals are not used) or control dust in accordance with Part II.A.4.I2;
  - d. Potable water sources including uncontaminated waterline flushings;
  - e. Landscape irrigation;
  - f. Routine external building wash down which does not use detergents or other chemicals;
  - g. Pavement wash waters where spills or leaks of toxic or hazardous materials have occurred (unless all spilled materials have been removed) and where detergents or other chemicals are not used;
  - h. Uncontaminated air conditioning, compressor condensate (See Part I.B.12 of the ARR150000 permit);
  - i. Uncontaminated springs, excavation dewatering and groundwater (See Part I.B.12 of the ARR150000 permit);
  - j. Foundation or footing drains where flows are not contaminated with process materials such as solvents (See Part I.B.12 of the ARR 150000 permit);

2. Categories of non-storm water discharges exempted from the prohibition on non-storm water must not be reasonably expected (based on information available to the permittee(s) to be significant sources of pollutants to the water of the United States, because of either;
  - a. The nature of the discharges; or
  - b. Conditions placed on the discharges by the permittee(s).

## **12. Supporting Permit Conditions**

### **Supporting Departments**

#### **Fire Department**

Spill prevention and response is a requirement in Jacksonville's MS4 permit ARR150000. The City of Jacksonville Fire Department HAZMAT Unit works to prevent, contain and respond to spills that have a potential to pollute the City's MS4. The spill response program includes a combination of spill response by each permittee and legal requirements for private entities within the permittees municipal jurisdiction.

#### **Mayor and City Council**

The Mayor and Jacksonville City Council approve ordinances, changes to ordinances, contracts, fees and annual budgets.

#### **Building Inspectors**

Building inspectors notify the Stormwater inspector if they notice anything when they are out on their inspections.

#### **Code Enforcement Officers**

Code enforcement officers can issue citations for any violations of the City of Jacksonville Municipal Code.

#### **Street Department**

The street department works to sweep the streets, clean and maintain roadside ditches, and clean inlets .

#### **Parks Department**

Parks employees maintain all City facilities including landscaped areas where pesticides, herbicides, and fertilizers are used.

#### **Sanitation / Recycling Department**

The sanitation/recycling department monitors the Illicit Discharge Detention safety for the citizens .

#### **Water and Sewer Department**

Line maintenance staff works to eliminate sanitary sewer and water line breaks and overflows and make repairs.

#### **Engineering Department**

The engineering department places a high priority on implementing new and innovative environmental friendly development techniques to protect sensitive public and private water supplies .

**Legal Authority and SWMP Resources**

City of Jacksonville Municipal Code

**Title 13 Water and Sewer**

This chapter establishes requirements and standards for direct and indirect contribution into the wastewater collection and treatment systems for the City of Jacksonville, for the protection of the public health and welfare.

**Title 17 Subdivision Regulations**

The Subdivision Regulations govern private and public development plans. They contain the Storm Water Management Regulations, Storm Water Pollution and Prevention and Erosion Control Standards, and Subdivision Design Standards. They contain the fees required to submit any development plans.

## **Minimum Control Measures**

### **Minimum Control Measure #1: Public Education and Outreach**

#### **BMP's to address Public Education and Outreach in Jacksonville**

1. A combination of multiple methods will be used to disseminate education information to reach as high of a percentage of the population as possible. The methods may include fact sheets, brochures, posters, displays, press releases, PSA's, and/or website postings as appropriate.
2. Educate the public on pollution prevention activities such as proper use and storage of fertilizers; proper use and storage of pesticides; pet waste management; disposal of household hazardous waste; managing yard debris and composting; water conservation; litter prevention; and many others as well provide training to reduce pollution to construction personnel.

#### **Rationale & Decision Process**

In order to cover a wide range of audiences including government staff, the general public, and youth, multiple outreach genres and methods must be used (booths and materials at local festivals, newspaper articles, school programs, etc.).

There is also a great need to partner with various organizations to maximize the educational impact. Coordinating with other agencies like the Cities of North Little Rock, Cabot, and Sherwood helps to keep government staff informed and educated on regional Stormwater-related issues, such as existing materials and information available for common use (e.g., monitoring data and results of BMP evaluations).

The City of Jacksonville's strategy for developing and distributing the public education materials is to start with information such as the most typical sources of pollutants in Stormwater runoff and the impacts associated with those pollutants, and making this information available as educational handouts, flyers, and mailings.

Future activities will include outreach presentations, advertisements, and workshops for the public, businesses, industry, and various other stakeholders, to educate them on impacts that the City of Jacksonville's Stormwater management program may have, and what they can do to improve Stormwater quality. Outreach presentations, advertisements, and workshops can target development businesses to utilize new technology methods for Stormwater runoff control and encourage Low Impact Development (LID) within development planning.

Numerous topics can be covered by these outreach methods and will include recommendations for topics of interest via steering committees. Topic areas are coordinated to target populations that are defined by the different committees. These multiple partners, venues, and materials allow for at least 50% of the population of the MS4 areas to be reached.

## **Responsible Parties**

- The City of Jacksonville Engineering Department

## **Summary of Measurable Goals**

The City of Jacksonville will continue the implementation of a public education program. This will be accomplished by distributing fliers through the Jacksonville Water customers' water bill. It will educate citizens on the proper disposal of yard waste, along with the procedures for reporting illegal dumping. This is completed every May during Flood Awareness Week, and will continue as part of the City of Jacksonville's CRS Activity . The City of Jacksonville has also developed a brochure that is distributed to Home Builders and Contractors on the various types of pollution and prevention measures. Additionally, the City of Jacksonville has included an informational page on the City website, which features the EPA publication "After the Storm", "A Citizen's Guide to Understanding Stormwater". The City inspector will distribute handouts, such as the EPA publication "Stormwater and the Construction Industry", during random site inspections. Finally, the City will share stormwater information via the City of Jacksonville Public Works Facebook page.

## **Minimum Control Measure #2: Public Involvement/Participation**

### **BMP's to address Public Involvement/Participation in Jacksonville**

1. Public Involvement/Participation in Stormwater management and policy development
2. Water resource awareness of county streams and tributaries
3. Public awareness of stream pollution prevention

### **Rationale & Decision Process**

Jacksonville is working to continue developing a public involvement/participation program addressing the City of Jacksonville and potentially other natural or constructed features that provide water quality benefits in the city.

Public Involvement/Participation in Stormwater management and policy development details the public involvement and participation required under the NPDES program. Outreach was directed at the general public as well as applicable professional and environmental organizations and the development community. These events included informational posters and graphic displays, with staff available to answer questions and solicit feedback.

### **Responsible Parties**

- The City of Jacksonville Engineering Department

### **Summary of Measurable Goals**

The City of Jacksonville will provide opportunities for public input on the stormwater management program on an annual basis in various forms, including surveys and/or public events. Additionally, the city administration will be periodically updated on the stormwater management program and efforts to meet State water quality standards. Feedback from the administration on annual progress will guide modifications to the stormwater management program as appropriate. The City will track these activities on an annual basis. In addition, the City of Jacksonville will utilize Master Gardeners and community volunteers for stream clean-ups, and storm drain maintenance. Residents will be encouraged to attend an annual Community Clean-Up Event that will be posted on the City of Jacksonville website. The City encourages citizens to report storm water quality issues via the Citizen Reporting section of the City of Jacksonville website. Additionally, citizens may visit the City of Jacksonville website and enroll in "Notify Me", which allows for subscription to email notifications regarding the SWMP and many other topics of discussion.

### **Minimum Control Measure# 3: Illicit Discharge Detection and Elimination (IDDE)**

The Illicit Discharge Detection and Elimination Program functions to locate and eliminate illicit discharges and improper disposals into the MS4. This program shall include dry weather screening activities to locate portions of the MS4 with suspected illicit discharges and improper disposal. Follow-up activities to eliminate illicit discharges and improper disposal may be prioritized on the basis of magnitude and nature of the suspected discharge; sensitivity of the receiving water; and/or other relevant factors. This program establishes priorities and schedules for screening the entire MS4 at least once during the permit term. Jacksonville shall require the elimination of illicit discharges and improper disposal practices as expeditiously as reasonably possible. Where the elimination of an illicit discharge within ten (10) days is not possible, the City of Jacksonville shall require an expeditious schedule for removal of the discharge. In the interim, the City of Jacksonville shall require the operator of the illicit discharge to take all reasonable measures to minimize the discharge of pollutants to the MS4.

#### **BMP's to address IDDE's within the City of Jacksonville**

1. Illicit Discharges Reporting and Tracking
2. Illicit Discharges Response and Enforcement
3. Outfall Inventory and Mapping
4. Non-Stormwater Discharge Assessment
5. Court Order to Address IDDE
6. Illegal Dumping Enforcement
7. Solid Waste in Pulaski County
8. Jacksonville Composting Facility

#### **Rationale & Decision Process**

- 1) Illicit Discharges Reporting and Tracking
  - a) Jacksonville's Wastewater Department routinely inspects sanitary sewers for any illicit discharge during dry weather and rain events.
- 2) Illicit Discharges Response and Enforcement
  - a) Any pollution complaints and spills in Jacksonville are handled by the Fire Department or the Pulaski County Office of Emergency Management.
  - b) Jacksonville's ordinance states enforcement procedures and fines for non-compliance.
- 3) Outfall Inventory and Mapping
  - a) Jacksonville has been mapping the Stormwater system since 2009. The Jacksonville GIS shows pipe size and flow lines.
- 4) Non-Stormwater Discharge Assessment
  - a) This will occur in conjunction with the mapping schedule
  - b) Includes dry weather screening activities
- 5) Ordinance adopted by the City of Jacksonville to address IDDE
  - a) Titled: Jacksonville Stormwater Pollution Prevention
    - i. Adopted April 2, 2009
- 6) Illegal Dumping Enforcement
  - a) See Ordinance



- 7) Pulaski County Solid Waste District
  - a) See Section 6, page 9.
- 8) Jacksonville Composting Facility
  - a) See Section 5, page 8.

### **Responsible Parties**

- City of Jacksonville Engineering Department
- Jacksonville Fire Department
- Pulaski County Office of Emergency Management
- Pulaski County Solid Waste District
- Jacksonville Composting Facility

### **Summary of Measurable Goals**

The measurable goals of the illicit discharges program will include:

- Track the number and document the type of calls received and the actions taken in response each year.
- Document an annual review of outfall maps to ensure they are up to date.
- Conduct and document monitoring at all of the significant outfalls over the course of the five year permit period, and document illicit discharge detection actions taken as warranted.
- Track the number of illicit discharges that are encountered and document enforcement procedures that are conducted.
- Track the number of commercial/industrial uses assessed for possible illicit discharges and document resolution of illicit discharges identified.
- Complete an assessment of non-stormwater discharges as required by Minimum Control Measure #3, Requirement 4, along with implementing local controls where identified as needed .

#### **Minimum Control Measure #4: Construction Site Runoff Control**

Construction plans that are submitted for approval will be reviewed for compliance with the City of Jacksonville Stormwater Ordinance. Plans reviewed will be required to have Best Management Practices (BMP's) that will help eliminate sediment erosion in storm water runoff. The site plan will indicate where BMP's will be installed and a detail sheet indicates the correct way to install each practice. A Storm Water Pollution Prevention Plan (SWPPP) and a Notice of Intent (NOI) is required from the Arkansas Department of Environmental Quality (ADEQ) if the disturbed area is greater than or equal to one (1) acre or less than one acre if that construction activity is part of a larger common plan of development or sale that would disturb one acre or more.

#### **BMP's to address Construction Site Stormwater Runoff Control within the City of Jacksonville**

1. Erosion and Sediment Control Regulation
2. Inspections & Enforcement
3. Engineering Department Checklist

#### **Rationale & Decision Process**

1. Erosion and Sediment Control Regulation
  - a) Available online at : <http://www.cityofjacksonville.net>
  - b) Titled: Stormwater Pollution Prevention
    - i. Adopted April 2, 2009
2. Inspection & Enforcement
  - a) Inspections will be conducted weekly and violations will be documented.
  - b) Violators will be contacted by telephone and issuance of Notice of Violation letter.
  - c) If violations are not corrected a Stop Work Order is issued and contractor is refused further permits.
3. Engineering Department Checklist
  - a) Each project that is submitted to the City of Jacksonville for Conditional Use Permit, Subdivision, Lot Split, or Large Scale Development is reviewed by the City of Jacksonville Engineering Department for numerous requirements.

#### **Responsible Parties**

- City of Jacksonville Engineering Department
- Arkansas Department of Environmental Quality

## **Summary of Measurable Goals**

Staff will review the Municipal Code and Development Code provisions related to erosion control and construction site runoff during the permit period and revise as necessary. The measurement of success of the program will be based on monitoring of compliance and avoidance of impacts to water quality from land alteration and construction. The effects of land alteration and construction will be minimized with well positioned field temporary BMPs, systematic monitoring and maintenance and continued education of site construction personnel.

**Minimum Control Measure #5: Post-Construction Stormwater Management for New Development and Redevelopment**

**BMP's to address Post-Construction Stormwater Management for New Development and Redevelopment within Pulaski County**

1. Erosion and Sediment Control Regulation;
2. Construction Site Inspection.

**Rationale & Decision Process**

1. Erosion and Sediment Control Regulation
  - a). Available online at: <http://www.cityofjacksonville.net>
  - b). Titled : Stormwater Pollution Prevention
    - i. Adopted April 2, 2009
2. City of Jacksonville Stormwater Pollution Prevention Plan
  - a). Available online at: <http://www.cityofjacksonville.net>
  - b). Titled : Stormwater Pollution Prevention
    - i. Adopted April 2, 2009
3. Construction Site Inspection
  - a). Authorized by City Ordinance titled: City of Jacksonville Stormwater Pollution Prevention
  - b). The City of Jacksonville reviews all plans for the development of retention/detention ponds for compliance with the City of Jacksonville Stormwater Management & Drainage Manual.
  - c). An ordinance adopted in 2009 placed responsibility of private detention ponds on the business owner or the property owner's association.

**Responsible Parties**

- City of Jacksonville Engineering Department

## **Summary of Measurable Goals**

All subdivisions over (1) one acre are required to have an SWPPP. Sites are checked to ensure the SWPPP is available and applicable NOC is posted during construction. New development typically files a Notice of Termination after the new growth has taken hold. If detention systems are used, the developer is to manage it until the subdivision changes ownership, at which time the new owners take over maintenance.

## **Minimum Control Measure #6: Pollution Prevention/Good Housekeeping for Municipal Operations**

The City of Jacksonville will evaluate the operation and maintenance of all the departments that participate in any ground disturbance activities including the Street Department, Water & Wastewater Departments, Parks Department, and any utilities working in the city limits. We will hold regular education and training sessions on the different requirements and the proper techniques on the protection of the waterways and storm sewer systems throughout the City of Jacksonville.

### **BMP's to address Pollution Prevention/Good Housekeeping for Municipal Operations in Jacksonville**

1. Erosion and Sediment Control Regulation;
2. Construction Site Inspection;
3. Training for the City of Jacksonville employees.

### **Rationale & Decision Process**

1. Erosion and Sediment Control Regulation
  - a). Available online at : <http://www.cityofjacksonville.net>
  - b). Titled: Stormwater Pollution Prevention
    - i. Adopted April 2, 2009
2. Construction Site Inspection
  - a). Authorized by city ordinance titled: City of Jacksonville Stormwater Pollution Prevention.
3. Training for the City of Jacksonville employees
  - a). Training city employees.
  - b). Construction site inspection while city projects are under construction.
  - c). Review the cleaning of all construction equipment and how the run off is handled.

## **Responsible Parties**

- City of Jacksonville Engineering Department
- City of Jacksonville Street Department
- City of Jacksonville Park Department

## **Summary of Measurable Goals**

1. The City of Jacksonville continues to remove sedimentation from ditches, clean storm drains and make repairs as needed. Dirt and rocks are recycled into road base material from ditch maintenance, and street sweeping debris. Any construction within the Special Flood Hazard area must comply with FEMA requirements pertaining to permitting and runoff control.