

**NOTICE OF INTENT
FOR DISCHARGERS OF STORMWATER RUNOFF
ASSOCIATED WITH REGULATED SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
AUTHORIZED UNDER NPDES GENERAL PERMIT ARR040000**

I. PERMITTEE INFORMATION New Renewal (Permit Tracking Number ARR04_____)

Regulated Small MS4 Name: City of Arkadelphia Owner Type:
Mailing Address: 700 Clay Street FEDERAL STATE
Actual Street Address: 700 Clay Street PUBLIC OTHER
City: Arkadelphia Urbanized Area _____
State: Arkansas Zip: 71923 County(ies): Clark

Enter the Latitude and Longitude of the approximate center of the Small MS4 (A map must be included.):

Small MS4 Latitude: N34 degrees 7 minutes 24 seconds
Small MS4 Longitude: W93 degrees 3 minutes 60 seconds

II. PERMITTEE CONTACT INFORMATION

Name: Gary Brinkley Telephone: 870-403-6860
Title: City Manager Email Address: gbrinkley@cityofarkadelphia.com

III. INVOICE MAILING INFORMATION

Invoice Contact Person: Gary Brinkley City: Arkadelphia
Invoice Mailing Company: City of Arkadelphia State: AR Zip: 71923
Invoice Mailing Address: 700 Clay Street Telephone: 870-403-6860

IV. CERTIFICATION OF PERMITTEE (See Part 5.7 of the general permit)

For a municipality, State, Federal, or other public agency: By either a principal executive officer or ranking elected official. For purposes of Part VI.H of the general permit, a principal executive officer of a Federal agency includes (i) the chief executive officer of the agency, or (ii) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrator of EPA).

"I certify that the cognizant official designated in this Notice of Intent is qualified to act as a dully authorized representative under the provisions of 40 CFR 122.22(b). If no cognizant official has been designated, I understand that the Department will accept reports signed by the applicant. 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 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."

Responsible Official Printed Name: Gary Brinkley Title: City Manager
Responsible Official Signature: [Signature] Date: 7.17.19

V. COGNIZANT OFFICIAL DESIGNATION (Optional)

Cognizant Official Printed Name: _____ Title: _____
Cognizant Official Signature: _____ Date: _____
Telephone: _____ Email: _____

VI. PERMIT REQUIREMENT VERIFICATION

Submittal of Complete NOI? Yes No Submittal of MS4 map? Yes No
Submittal of Complete Stormwater Management Program? Yes No

**CITY OF ARKADELPHIA
MUNICIPAL SEPARATE STORM SEWER SYSTEM
STORMWATER MANAGEMENT PROGRAM**

**ARKANSAS DEPARTMENT OF
ENVIRONMENTAL QUALITY**

**NPDES REGULATED SMALL
MS4 STORMWATER
GENERAL PERMIT**

ARR040000

Prepared for

City of Arkadelphia, Arkansas

Prepared by



September 2019

1901

CRIST ENGINEERS, INC.

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STORMWATER MANAGEMENT PROGRAM

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APPENDIX

- A. Notice of Intent
- B. Annual Reporting Form
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- D. MS4 Map
- E. Stormwater Ordinance
- F. Stormwater Management Analysis
- G. Stormwater Drainage Design Manual and Floodplain Compliance Guideline

I. PERMIT COVERAGE

The Arkansas Department of Environmental Quality (ADEQ) has issued General Permit ARR040000 which authorizes Regulated Small Municipal Separate Storm Sewer Systems (MS4s) located within the State of Arkansas to discharge stormwater to a receiving water. Arkansas cities with a population greater than 10,000 persons and with a population density greater than 1,000 persons per square mile that discharge to an Ecologically Sensitive Waterbody (ESW) are covered under this permit. Arkadelphia stormwater discharges to the Ouachita River which, according to ADEQ Regulation 2-Regulation Establishing Water Quality Standards for Surface Waters of the State of Arkansas, is an ESW due to the presence of the flat floater, Ouachita rock pocketbook, and pink mucket mussels in the river.

General Permit ARR040000 is effective August 1, 2019, and it expires July 31, 2024. Arkadelphia is authorized to discharge stormwater and certain non-stormwater discharges, as defined in Section 1.2.2.2 of the permit, after it submits its Notice of Intent (NOI), application fee, and Stormwater Management Program (SWMP) to ADEQ.

A copy of the NOI and the General Permit are included in the Appendix.

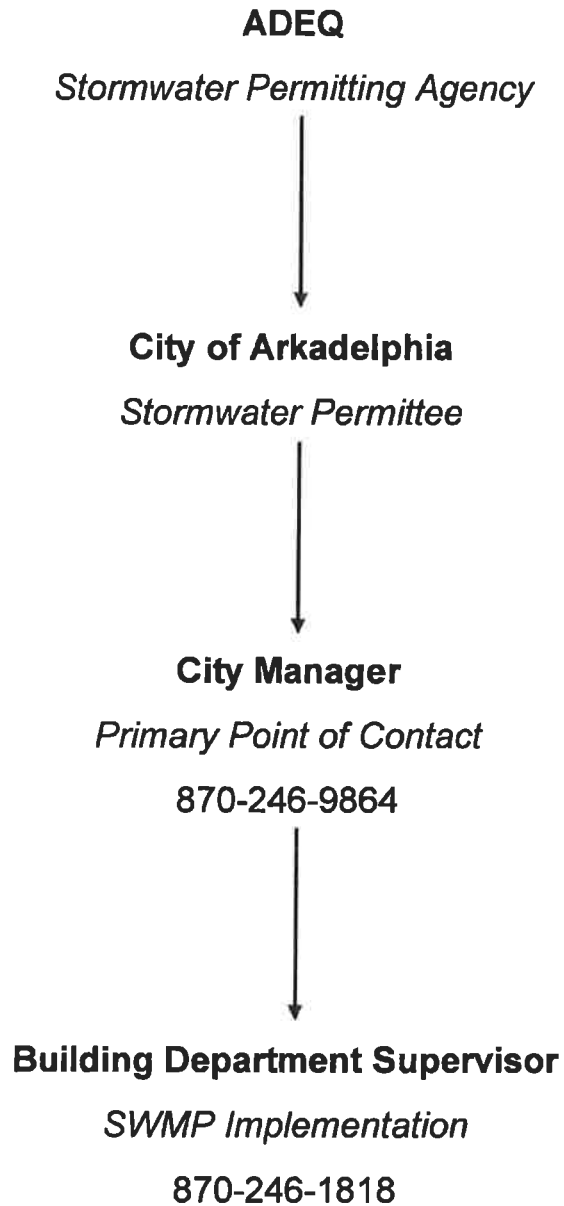
II. STORMWATER MANAGEMENT PROGRAM (SWMP)

The SWMP is designed to reduce the discharge of pollutants from the MS4, to protect water quality, and to satisfy the appropriate water quality requirements of the Clean Water Act. The SWMP includes management practices, control techniques and system, design, and engineering methods to meet these goals.

The SWMP Table of Organization is included on the following page.

According to correspondence with the U.S. Fish and Wildlife Service, the mussels in the Ouachita River are sensitive to many contaminants including, but not limited to, metals, pesticides, herbicides, nutrients, organics, chlorine, and pharmaceuticals.

SWMP TABLE OF ORGANIZATION



Following are the control measures to be implemented as part of the SWMP.

A. Public Education and Outreach on Stormwater Impacts

1. The public education and outreach program consists of two **mechanisms and numerous messages** described as follows:
 - a. Only Rain in the Drain!
The "Only Rain in the Drain!" brochure is a storm drain art walk designed to build stormwater awareness on the streets of Arkadelphia through local artwork on storm drain inlets. This program element existed at the time of the development of this program.
Messages include but are not limited to:
 - No used oil in storm drains
 - No leaves in storm drains
 - No construction debris in storm drains
 - No solid waste in storm drains
 - b. Mussel Up Badgers – This public awareness theme, using the City's high school mascot in combination with the ecologically sensitive mussel, will be used in public service spot opportunities to raise awareness of stormwater pollution prevention.
Messages include but are not limited to:
 - Proper use of pesticides and herbicides
 - Proper disposal of herbicides and pesticides
 - Proper disposal of pharmaceuticals
 - Proper use of fertilizers
2. The target audiences for both of these elements will include commercial, industrial, educational and institutional entities, and the general public.
3. The target pollutants include metals, pesticides, herbicides, nutrients, organics, chlorine, and pharmaceuticals.
4. Outreach strategy will include brochures, the City's web page, and media outlets, reaching as many people as possible.
5. The Building Department Supervisor is responsible for public education and outreach.
6. The "Only Rain in the Drain!" is an ongoing element. At least 3 presentations of Mussel Up Badgers will be made over the permit term, with at least one message targeted to the land development community. The goal is to reach **at least 50** percent of the population over the permit term.

7. Public education and outreach efforts shall be documented in the Annual Report.

B. Public Involvement/Participation

1. The stormwater program was developed and approved through the City's planning and approval process, culminating with City Board approval.
2. Targeted audiences for presentations of the program include Henderson State University, Ouachita Baptist University, Arkadelphia public schools, city departments, contractors, civic organizations, garden clubs, Boy Scouts, and Girl Scouts.
3. The public involvement/participation program shall include at least 5 public involvement activities over the permit term.

C. Illicit Discharge Detection and Elimination

1. A storm sewer system map is included in Appendix D and Appendix F.
2. The Building Inspections Officer will work to detect and eliminate non-stormwater discharges. The Building Inspections Officer will work with City water and sewer crews, Henderson State University, and Ouachita Baptist University personnel to define and eliminate non-stormwater discharges.
3. The City to this point has not identified any non-storm water discharges as significant contributors of pollutants to the MS4.
4. The storm sewer map was developed as part of a stormwater management analysis.
5. Ordinance.
6. The Building Inspections Officer will screen both the Maddox and Mill Creek drainages during dry weather at least once per year over the permit term.
7. The annual report will include the following:
 - a. Number of dry weather outfalls screened
 - b. Number of dry weather flows identified
 - c. Number of illicit discharges identified
 - d. Number of illicit discharges eliminated
 - e. Schedules for elimination of illicit discharges identified but not eliminated
 - f. Summary of storm sewer map updates

D. Construction Site Stormwater Runoff Control

1. To help lessen the impacts of construction activity stormwater, the City has adopted the ordinance included in Appendix E. The ordinance incorporates the "Stormwater Drainage Design Manual and Floodplain Compliance Guideline" by reference.
2. The Building Inspections Officer is responsible for implementing the ordinance.
3. The Building Inspections Officer shall conduct pre-construction site plan reviews (reviews of construction site Stormwater Pollution Prevention Plans) at 100 percent of projects from construction activities that result in a land disturbance of 1 acre or more.
4. The annual report will include the following:
 - a. Number of applicable construction sites in the MS4's jurisdiction
 - b. Number of pre-construction site plan reviews performed
 - c. Number and frequency of site inspections
 - d. Number of violation letter issued
 - e. Number of enforcement actions taken
 - f. Number of complaints received and number followed up on

E. Post Construction Stormwater Management in New Development and Redevelopment

1. The City has adopted a Stormwater Management Analysis (Appendix F) and Stormwater Drainage Design Manual and Floodplain Compliance Guideline (Appendix G).
2. These two items are implemented by the City and are overseen by the Building Inspector and Building Department Supervisor or designee.
3. The Building Inspections Officer shall conduct a pre-construction site plan review (for compliance with local requirements for post construction management of stormwater) of 100 percent of projects from construction activities that result in a land disturbance of 1 acre or more to help ensure that required controls are designed per requirements.

4. The annual report will document the following:
 - a. Number of construction sites requiring post construction controls
 - b. Number of pre-construction site plan reviews performed
 - c. Number of inspections performed to ensure as built per requirements
 - d. Compliance rates with MS4 requirements
 - e. Number of long-term operation and maintenance plans developed and agreements in place
5. Low Impact Development – The MS4 will review its codes to evaluate the need to remove impediments to low impact development and green infrastructure. The City will include information on efforts to identify and remove impediments to low impact development in the post construction program element of the Annual Report in the fourth year of this renewal permit term.

F. Pollution Prevention/Good Housekeeping for Municipal Operations

1. A pollution prevention/good housekeeping program for municipal operations will be developed to address the following potential pollutant sources associated with municipal operations: pesticides, herbicides, erosion control, nutrients, litter, fleet maintenance, building maintenance, and land disturbances.
2. The program will include annual employee training for the following departments: water and sewer, parks and recreation, street, and public school. The training will also be offered to Henderson and Ouachita.
3. This training program will be developed by the Building Department Supervisor. Annual employee training will be offered to the departments and entities listed above.
4. The annual report shall document the following:
 - a. Summary of employee training programs presented and number of attendees
 - b. Summary of activities and procedures implemented for the operation and maintenance program

III. SHARING RESPONSIBILITY

Portions of this program will be offered to the Arkadelphia Public Schools, Henderson State University, and Ouachita Baptist University.

IV. REVIEWING AND UPDATING SWMP

The City shall review the SWMP in conjunction with the preparation of the Annual Report, as described in Section IV of this SWMP. The method to change the SWMP is described in part 3.4.2.1 of the General Permit. The ADEQ may require changes to the SWMP.

V. EVALUATING, RECORD KEEPING AND REPORTING

The City shall evaluate the effectiveness of the SWMP on an ongoing basis. The City shall retain a record of this SWMP, NOI, Annual Reports, and related data for the term of this permit through July 2024. The City must retain a copy of the SWMP and its records at a location accessible to ADEQ and the public.


The City must submit Annual Reports to ADEQ on or before November 1, 2020 and each year thereafter before the same date. A copy of the annual report shall be available on the City's website, and at other local centers of information, as appropriate. A copy of the Annual Report form is included in the Appendix. The Annual Reports shall be submitted to ADEQ at the following address:

ADEQ
Office of Water Quality, General Permits
5301 Northshore Drive
North Little Rock, AR 72118

Or, to the following email address: water-permit-application@adeq.state.ar.us

VI. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated 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.



City Manager
Gary Brinkley

9.20.19
Date