



ARKANSAS
Department of Environmental Quality

NPDES Small MS4 General Permit (ARR040000) Annual Reporting Form

Instructions for completing this form:

- ARR040000 requires that this form be used when submitting annual reports. You may request approval to use your own reporting format.
- Annual Reports are due annually on or before June 1st.
- Complete the form and sign and date the certification statement below.
- If more space is needed than is provided, identify within the provided space that Attachment A, B, C, etc. has been attached.
- If an item of the form is not applicable for your program (such as street sweeping), fill in N/A in the space provided.
- Don't include attachments such as brochures, newspaper clips, sign-in sheets, etc. related to your program with this form. You only need to summarize these within this report. These records must be filed and will be needed during program audits.
- Please attach results of monitoring required for TMDL or impaired streams separately from this form.
- When complete, submit this Annual Report form to the following address:

ADEQ
Water Division
General Permits Section
5301 Northshore Drive
North Little Rock, AR 72118
Water-permit-application@adeq.state.ar.us

Small MS4 Annual Report for Year: 2016

ADEQ Permit Tracking Number: ARR040003

Name of MS4: Saline County

Primary Contact: Judge Jeff Arey

Title: Saline County Judge

Mailing Address: 200 North Main St

City: Benton, Arkansas

Zip Code: 72015

County: Saline

Telephone Number: 501-303-5640

Email Address: jeff.arey@salinecounty.org

Include or attach a Table of Organization. Indicate who (name and contact information) is responsible for overall management and implementation of your program, and if different, each minimum control measure of your program. Identify how development and implementation across multiple positions, agencies and departments occur. Also, identify any Memorandum of Understandings (MOUs) or other such agreements that exist.

Judge Jeff Arey, Saline County Judge 501-303-5640 jeff.arey@salinecounty.org

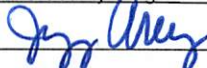
John Wofford, Saline County Road Department Engineer, Code Enforcement 501-303-5690 john.wofford@salinecounty.org

The county engineer manages the Stormwater Management Plan (SWMP). Code enforcement officers oversee the inspections and enforcement of the stormwater management components.

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 possibility of fine and imprisonment for knowing violations.

Print Name: Jeff Arey

Print Title: Saline County Judge

Signature: 

Date: 5-11-17



ARKANSAS
Department of Environmental Quality

2016 SALINE COUNTY - SMALL MS4 ANNUAL REPORT FORM

PUBLIC EDUCATION & OUTREACH

Estimate Your Permit Area's Total Population: 3,381

BMP (mechanism) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	% of Target Audience Reached & Total # of people reached	Summary of Results	Effective (Yes or No)
Continue implementation of a public education program to distribute educational materials. BMP 1(A): Utility Bill Inserts Responsible Party: Engineering Department	1. Develop a list of subjects addressing various stormwater quality issues 2. Design and print utility bill inserts for selected topics 3. Track number of materials created and distributed	General Stormwater Quality and Basic Awareness	General Public Schools Commercial Businesses	Number of Utility bill inserts scheduled for mailing in 2017 will be tracked	List of subjects has been created and an informational brochure created for a utility bill insert or individual mailing. Brochure will be mailed out before the end of 2017.	N/A
Continue implementation of a public education program to distribute educational materials. BMP 1(B): Stormwater Website Responsible Party: Engineering Department	Develop A Stormwater Website. Incorporate a login counter to determine the number of website hits for each reporting year.	General stormwater quality education, permitting forms and regulations, contact information, links to brochures and other educational material, SWMP and ordinance.	General Public Schools Business Operators	23% - 789 views	The stormwater website was developed in 2015. Website went live in April of 2016 and is linked to the County's website. Website will be updated as needed. Several calls have been received asking about the program.	Yes
Continue implementation of a public education program to distribute educational materials. BMP 1(C): Encourage Proper Disposal of Wastes Responsible Party: Engineering Department	Create a Hazardous Waste Drop Off Day	Some citizens don't understand the harm certain chemicals can cause to the MS4. Message will be proper storage, handling and disposal of hazardous waste.	General Public General Contractors Painting Contractors Mechanics	23% - 789 views on stormwater website. Exact subject matter viewed is unknown	Household hazardous waste awareness is included included on the stormwater website. A Household hazardous waste drop off event will be implemented in 2017 then be held each year after.	Yes - noticeable decrease in amount of hazardous material disposed of on road side and open ditches

PUBLIC EDUCATION & OUTREACH

Estimate Your Permit Area's Total Population: 3,381

BMP (mechanism) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	% of Target Audience Reached & Total # of people reached	Summary of Results	Effective (Yes or No)
<p>Continue implementation of a public education program to distribute educational materials. BMP 1(D): Addressing Illegal Dumping and Littering</p> <p>Responsible Party: Engineering Division</p>	<p>Litter Ordinance created and enforced.</p> <p>Distribute illegal dumping and littering educational material.</p> <p>Include illicit discharge information on the County's website</p>	<p>Impacts of illegal dumping and littering to the environment.</p> <p>Rules, regulations and penalties for illegal dumping.</p> <p>Proper disposal techniques.</p>	<p>General Public</p> <p>Schools</p> <p>Business Operators</p>	<p>23% - 789 views on stormwater website. Exact subject matter viewed is unknown</p>	<p>Litter ordinance has been created and is being enforced. Illicit discharge information and education was included on County's stormwater website in April 2016. A utility mail-out regarding illicit discharges will be created and distributed by the end of this permit term July 31, 2019</p>	<p>Yes - noticeable decrease in the amount of litter on road side and open ditches</p>
<p>Continue implementation of a public education program to distribute educational materials. BMP 1(D): Gardening and Lawn Care Activities.</p> <p>Responsible Party: Engineering Division</p>	<p>Distribute gardening and lawn care educational material. Track number distributed</p>	<p>Environmentally friendly landscape management can protect the environment through careful planning and design, routine soil analysis, appropriate plant selection, use of practical turf areas, water use efficiency, use of mulches, and appropriate maintenance.</p>	<p>General Public</p> <p>Lawn Care and Maintenance Businesses</p>	<p>Unknown number of brochures picked up from various locations</p>	<p>Brochure regarding lawn care was created and distributed to various county facilities</p> <p>The County will enhance their gardening and lawn care strategy in the spring of 2017 and will continue each year throughout the permit term</p>	<p>Yes - appeared to be a decrease in lawn waste disposed of in open ditches or blown into street.</p>



2016 SALINE COUNTY - SMALL MS4 ANNUAL REPORT FORM

PUBLIC INVOLVEMENT/PARTICIPATION

BMP (Activity) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	Estimate of People Participated	Summary of Results	Effective (Yes or No)
Comply with state and local public notice requirements when implementing a public involvement / participation program. BMP 1(B): Post Public Involvement Opportunities on Website	Notify the public of meetings / activities regarding MS4's NPDES activities through media outlets. Post on website and document visitors and participants.	Varies depending on activity.	General Public Schools Developers Contractors	N/A	Given the county's size it is seeking the best methods to involve the community and is considering volunteer activities such as litter pick up events and watershed education at local schools.	N/A
Engineering Department						
Comply with state and local public notice requirements when implementing a public involvement / participation program. BMP 2(B): Stormwater Management Program Meetings	Hold at least one public meeting regarding the County's implementation of the SWMP	Invite public input and consider ideas, concerns and recommendations on SWMP	Land & Development Community Contractors Engineers General Public	No one from the public spoke against the stormwater ordinance and it was passed unanimously by the Quorum Court	County Quorum Court meeting was held on August 8 th , 2015 allowed for comment and discussion of stormwater ordinance was open to the public and advertised on the County's website.	Yes
Engineering Department						
Comply with state and local public notice requirements when implementing a public involvement / participation program. BMP 2(C): Coordinate an Adopt and Stream Program	The County will identify and contact target groups for the Adopt and Stream Program then guide groups in methods for caring for stream water quality.	Stream water quality including identifying biological features and deficiencies that are clues to impaired water quality.	Public Schools	N/A	The County will coordinate the program in the fourth permit year (2017) and will continue to facilitate the program for each year thereafter. The county is currently researching various creeks and ownership boundaries to determine the best creeks to adopt.	N/A
Engineering Department						

PUBLIC INVOLVEMENT/PARTICIPATION

BMP (Activity) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	Estimate of People Participated	Summary of Results	Effective (Yes or No)
Comply with state and local public notice requirements when implementing a public involvement / participation program. BMP 1(D): Community Hotline	The County will provide a direct phone number or upon completion of their stormwater website, provide an electronic form linked directly to the County.	Encourage citizens to report stormwater related activities or illicit discharges	General Public Schools Developers Contractors	0 - stormwater complaint calls received	The County has implemented and advertises a community hotline on stormwater website.	Yes



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ILLCIT DISCHARGE DETECTION & ELIMINATION (IDDE)

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Summary of Activities or Updates	Effective (Yes or NO)
Identification of allowable non-stormwater discharges Stormwater Division ADEQ / NPDES	Maintain a list and address allowable non-stormwater discharges if they become significant contributors of pollutants to the City's MS4.	Yes	The County's list of allowable non-stormwater discharges is based on the NPDES Regulated Small MS4 General Permit (ARR040000) section 1.2.6.2. Currently the County's Engineering Department has not identified any allowable non-stormwater discharges that have become significant contributors of pollutants to the MS4. The County will continue to monitor allowable non-stormwater discharges and document and address them as needed.	Yes

*Include an attachment which provides schedules for elimination of illicit connections that have been identified but have yet to be eliminated.

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CONSTRUCTION SITE RUNOFF CONTROL

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Cite Local Code(s) Being Used (If available, web link for code(s))		Summary of Results or Activities	Effective (Yes or No)	
Ordinance or Other Regulatory Mechanism Saline County Quorum Court	Adopt an ordinance to address stormwater runoff from construction projects regardless of size.	Yes	Ordinance No. 2015-50 Stormwater Quality Ordinance Adopted Aug.8, 2015		Stormwater Ordinance gives the County authority and regulations to enforce a Construction Site Runoff Control Program.	Yes	
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Standards Being Used		Summary of Results or Activities	Effective (Yes or No)	
Sediment and Erosion Control Requirements Engineering Department	Establish requirements for contractors to install and maintain erosion and sediment control measures at construction activities.	Yes	Stormwater Management Manual Stormwater Ordinance		Manual contains detailed specifications and requirements for sediment and erosion controls to be installed at construction sites. Controls not listed in manual are authorized by the County when deemed appropriate.	Yes	
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Complaints		Summary of Results or Activities	Effective (Yes or No)	
			Received	Followed-Up On			
Complaint Process Engineering Division Code Enforcement	Maintain a Stormwater Hotline and advertise it in various media outlets.	Yes	0	0	Complaint hot line was used to report an overflow from an old holding pond. Complaint was referred to the city to be corrected.	Yes	
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	# of Applicable Sites Requiring Plans	# of Plans Reviewed	Summary of Results or Activities	Effective (Yes or No)	
Site Plan Review Procedures Engineering Division	Develop a site plan submittal and review process for 100% of projects requiring NPDES permitting which incorporates sediment and erosion controls.	Yes	1 in 2016	1	All new construction projects one acre or greater require a stormwater permit. SWPPP and site plans are reviewed for 100% of permit applications.	Yes	
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Site Inspections Performed			Summary of Results or Activities	Effective (Yes or No)
			# of Applicable Sites	# Performed	Avg. Frequency		
Site Inspection Procedures Engineering Division	Develop a construction site inspection process.	Yes	5 open permits	30	Every 52 days	Engineering Department and Code Enforcement inspect sites to ensure compliance with NPDES program and allow for some assistance by the County in recommending appropriate controls to contractors.	Yes
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Violations		Summary of Results or Activities	Effective (Yes or No)	
			# of Violation Letters	# of Enforcement Actions			
Enforcement Procedures Engineering Department / Code Enforcement	Develop enforcement procedure to ensure compliance with MS4 NPDES permit.	Yes	0	15- All resolved with verbal enforcement.	Enforcement procedures are effective in ensuring and maintaining compliance with MS4 NPDES permit.	Yes	



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POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Cite Local Code(s) Being Used (If available, web link for code(s))		Summary of Results or Activities	Effective (Yes or No)
Ordinance or Other Regulatory Mechanism Saline County Quorum Court	Create and maintain a stormwater ordinance which includes post-construction runoff control measures.	Yes	Ordinance No. 2015-50 Stormwater Quality Ordinance Adopted Aug. 8, 2015		Stormwater Ordinance gives the County authority and regulations to enforce a Post Construction Pollution Control Program. Regulatory authority extends to all potential polluters including: public, industry, and government agencies.	Yes
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Structural and/or Non-Structural Standards Being Used		Summary of Results or Activities/Compliance rates with MS4 requirements	Effective (Yes or No)
Post-Construction Requirements Engineering Department	Continue to develop strategies which include a combination of structural and/or non-structural post-construction BMPs.	Yes	Structural and non-structural BMPs are detailed in Stormwater Management Manual which is available on the Stormwater Website. County requires all new commercial development to install and maintain a permanent filtration device sufficient for the removal of floatable debris to approximately 1/4 inch.		All new commercial construction permitted will install post-construction filtration devices. Some examples include: Curb Inlet Filtration Devices Detention Pond Outfall Screening Devices Vegetated Bio-Swales Junction Box Weir Walls	All permits have been residential. No post construction required.
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	# of Applicable Sites Requiring Post-Const. BMPs	# of Plans Reviewed	Summary of Results or Activities	Effective (Yes or No)
Site Plan Review Procedures Engineering	Maintain a stormwater maintenance ordinance which includes post-construction runoff control measures.	Yes	0	0 - All plans reviewed since adopting ordinance have been residential not requiring post construction device.	100% of SWPPPs for commercial buildings reviewed and approved are required to install and maintain post construction quality device.	N/A
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Site Inspections Performed		Summary of Results or Activities	Effective (Yes or No)
			# Performed	Avg. Frequency		
Site Inspection Procedures Engineering Department	Maintain a stormwater maintenance ordinance which includes post-construction runoff control measures.	Yes	0	Will be every 30 days once a post construction device is installed.	Owner must sign agreement to maintain post construction water quality device.	N/A
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Violations		Summary of Results or Activities	Effective (Yes or No)
			# of Violation Letters	# of Enforcement Actions		
Enforcement Procedures Engineering Department Code Enforcement	Develop enforcement procedure to ensure compliance with MS4 NPDES permit for post-construction water quality.	Yes	0	0	Enforcement procedures are the same as for construction site runoff control.	N/A



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POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	# of Sites Requiring Plans/Agreements	# of Plans Developed/Agreements in Place	Summary of Results or Activities	Effective (Yes or No)
Long-Term O&M Plans/Agreements Engineering Department	Maintain a stormwater maintenance ordinance which includes post-construction runoff control measures.	Yes	0	0	All new construction that requires a stormwater permit are required to submit a SWPPP which includes a post construction water quality maintenance agreement signed by the owner of the facility. The agreement gives authority for the County to inspect and enforce maintenance if needed.	N/A



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Pollution Prevention / Good Housekeeping for Municipal Operations

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Topic(s)	Targeted Audience	# of Employees Attended	Summary of Activity	Effective (Yes or No)
Employee Training Program	Develop and hold annual or orientation training for all eligible MS4 employees to reduce / prevent polluted runoff.	Yes	Good Housekeeping Spill Prevention Equipment Washing Equipment Maint. Spill Reporting Street Maintenance Outdoor Storage Landscaping	Eligible employees whose day to day work activities have the potential to impact stormwater quality.	County engineer in charge of stormwater management attended the CTTTP Center for Training Transportation Professionals Certification Class.	The county is researching new MS4 facility maintenance videos to hold annual and new employee training.	Yes - CTTTP Class
Engineering Department							
List of Municipal Facilities Subject to Program					O&M Procedures Developed for Facilities (Yes or No)	# of Facility Inspections Performed	Frequencies of Such Inspections
Road Department Shop and Yard. 5555 Cynamide Road Benton, AR.					Yes	1 – Main facilities	Annual
MS4 Maintenance	Summarize Maintenance Activities and Schedules			Summarize Activities Performed			
	MS4 maintenance is performed as needed and / or by the request of a citizen.			Bridge cleaning and debris removal. Stream and creek cleaning and sediment / rock removal.			
Disposal of Wastes	Procedures Developed (Yes or No)		Document Amounts of Wastes Properly Disposed				
	Yes		All waste collected is taken to either the county landfill. Amounts are unknown.				
Road Salt	Covered (Yes or No)		Tons Used	Summarize Measures Taken to Minimize Usage			
	None used		N/A	N/A			
Pesticide & Herbicide Usage	Procedures Developed (Yes or No)		Gallons Used	Summarize Measures Taken to Minimize Usage			
	yes		Unknown – Herbicide of ROW is contracted out.	Herbicide is used only in public ROW for safety and to keep drainage ditches clean and free of vegetative obstructions. Activity is contracted out.			
Fertilizer Usage	Procedures Developed (Yes or No)		Pounds Used	Summarize Measures Taken to Minimize Usage			
	None used		N/A	N/A			
Street Sweeping	Procedures Developed (Yes or No)		Document Amount of Material Collected and Properly Disposed				
	Yes		County only uses street sweeper for county construction projects and sweeper is not regularly scheduled to sweep county roads.				
Flood Management Projects	Summarize any New or Existing Flood Management Projects that were Assessed for Impacts on Water Quality						
	The county is currently attempting to replace and upgrade all metal storm drain pipes under road crossings with reinforced concrete pipe (RCP). The county is also upgrading conveyance capacity to convey a 25 year event. Approximately \$500,000 spent during 2016.						

2016 SALINE COUNTY - SMALL MS4 ANNUAL REPORT FORM

PROPOSED CHANGES TO YOUR SWMP (IF ANY)

- Summarize any proposed changes to your SWMP, including changes to any BMPs or any identified measurable goals that apply to the program elements. If you fail to satisfy measurable goals for the reporting year, please explain why.

No changes are proposed to the SWMP

Deficiencies:

Public Education & Outreach – BMP 1(A) – Three stormwater educational brochures have been created and distributed to various locations including the county court house and annex building. The county failed to mail out utility bill inserts in 2016, but is currently working with the billing department to have a brochure mailed to each county utility customer by the end of 2017.

Construction Site Runoff Control – The 2016 annual report notes an average site inspection frequency of every 52 days. This number does not include non-documented “drive by” inspections of simple residential construction. Should those numbers be included the average frequency would be closer to every 30 days as the permit requires. Saline County will develop an informal inspection data spreadsheet to better track informal inspections and report findings.

VARIANCES GRANTED (IF ANY)

- Identify and summarize any variances granted under your storm water program.

None