



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 March 31st.
- Complete the form and sign and date the certification statement below by the Responsible Official.
- 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
Office of Water Quality
General Permits Section
5301 Northshore Drive
North Little Rock, AR 72118
Water-permit-application@adeq.state.ar.us

Small MS4 Annual Report for Year: 2021		
ADEQ Permit Tracking Number: ARR040009		
Name of MS4: City of Bentonville		
Primary Contact: Stephanie Orman	Title: Mayor	
Mailing Address: 1000 SW 14th		
City: Bentonville	Zip Code: 72712	County: Benton
Telephone Number: 479-271-5966	Email Address: sorman@bentonvillear.com	

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.

Mayor—Stephanie Orman 479-271-5966 sorman@bentonvillear.com
 City Engineer—Dan Weese 479-271-3168 dweese@bentonvillear.com
 Stormwater Coordinator—Janet Paith 479-271-6719 jpaith@bentonvillear.com

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 of Responsible Official: _____ Stephanie Orman _____

Print Title of Responsible Official: _____ Mayor _____

Signature of Responsible Official: _____ *Stephanie Orman* _____

Date: _____ March 30, 2022 | 5:16 PM CDT



SMALL MS4 ANNUAL REPORT FORM

PUBLIC EDUCATION & OUTREACH

Estimate Your Permit Area's Total Population:
2010 Census 33,801 (Current Estimate 54,000)

At Least Five Different Themes/Messages Are Required Over Permit Term
Overall # of completed Themes/Messages 2/5 for 2020-2024

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)
Develop and Distribute Educational Materials	Develop 5 educational materials across the permit term. Number of materials will be documented	Litter prevention to minimize trash that is carried by stormwater to area water resources	General Public	100% of target audience 40,187 educational materials developed and/or distributed	Educational messages were shared through various social media outlets as well as newspaper, radio, and television reporting	Yes
UADA CES NWA Stormwater Education						
Conduct Stormwater Education Activities	Stormwater education programs will be conducted and attendance will be documented.	Litter prevention to minimize trash that is carried by stormwater to area water resources	General Public	1% 171 residents	Bentonville's residents participated in educational programs offered through in - person programming, virtual programming, or educational displays	Yes
USDA CE NWA Stormwater Education						
Stormwater Education	Provide public with stormwater educational materials and announcements	Topics in Stormwater Management and Compliance for public awareness	Citizens, contractors, engineers, and city staff	<1% of target audience 40K 18 10 60 600	20 Public Education activities recorded -Wrote 3 city newsletter articles -Street Dept took UofA ARDOT CTPP Stormwater class -Advertised various webinars, local clean up days, etc. -New Stormwater and Drainage Manual ordinance discussion group and City Council -Drainage bond website hits	Yes
Stormwater Coordinator						



SMALL MS4 ANNUAL REPORT FORM

PUBLIC INVOLVEMENT/PARTICIPATION

At Least Five Public Involvement Activities Are Required Over Permit Term
Overall # of completed Public Involvement 2/5 for 2020-2024

BMP (Activity) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	Estimate of People Participated	Summary of Results	Effective (Yes or No)
Conduct Stormwater Education Activities	At least 5 public participation and involvement activities will be coordinated and documented over the permit term	Engaging community members to enhance water quality and promote watershed stewardship	General public	50 Residents participated in at least one of 14 events that included litter clean-up efforts, BMP pledges, rain garden plantings, or the stormwater education steering committee	Bentonville's participation contributed to continued educational outreach efforts to residents and removed litter from waterways	Yes
UADA CES NWA Stormwater Education						
Conduct Stormwater Outreach Activities	Public participation and involvement activities related to stormwater	Engaging community members to enhance water quality and promote watershed stewardship	General public	30	25 Public Involvement activities recorded. -Participate in NWA Stormwater Compliance Group and NWA IECA LNL committee	Yes
Stormwater Coordinator						
				1516	-Spring & Fall Tree Giveaway and Neighborhood Tree Planting program	
				78	-Clean the Streets Day and Pick Up Where U Play litter campaign	
				40	-Adopt a Street groups	
				30	-Bentonville Parks Conservancy keeps trees healthy	
				3	-City staff attended virtual AFMA conference	



ARKANSAS
Department of Environmental Quality

SMALL MS4 ANNUAL REPORT FORM

				30	-Attended Community Ward and City council meetings addressing drainage	
				7	-Planning meetings between Engineering and Parks Dept and trail developers about proposed floodplain and drainage development	
				3	-Assisted Springfield, Lowell, and Siloam Springs with stormwater guidance	
				50	-City held meetings and interview podcast and passed Drainage \$19M bond program	
				120	Participated in IRWP Stormwater Discussion, Streambank Project field day, LID conference	



SMALL MS4 ANNUAL REPORT FORM

ILLICIT DISCHARGE DETECTION & ELIMINATION (IDDE)

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	Evaluate code effectiveness	Yes	Ord 2006-167	Applicable codes cited to address site conditions		Yes	
Engineering Dept							
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Summary of Activities or Updates			Effective (Yes or No)	
Storm Sewer System Map	As built record drawings of locations of stormwater features required	Yes	As built drawings of completed projects saved for Engineering Dept reference Stormwater drainage systems being added to city GIS for public use			Yes	
Engineering Dept							
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Summary of Activities or Updates			Effective (Yes or No)	
IDDE Plan	Plan is for detection and then process for elimination of Illicit discharges within the City limits.	Yes	Built GIS database outfall points. Utilized new I-pad field inspection feature. Picked low places along blue lines that should be dry. Addressed 55 reports concerning discharges			Yes	
Stormwater Coordinator							
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	# of Outfalls Screened	# of Dry-Weather Flows Identified	# Of Illicit Discharges:		Effective (Yes or No)
					Identified*	Eliminated	
Dry-Weather Screening of Outfalls # of Outfalls Screened <u>64</u> Total # of Outfalls <u>64</u>	Inspect outfalls	Yes	64	14	1	1	Yes
Total # of Outfalls Screened Over Permit Term <u>64</u>							
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Summary of Activities or Updates			Effective (Yes or No)	
Identification of allowable non-stormwater discharges	Illicit discharges logged into robust data collection system	Yes	As illicit discharges are found or reported, Stormwater Coordinator identifies if allowable non-stormwater discharge and/or follows to resolution. Inspected all creeks except Little Osage Trib 2 in 2021.			Yes	
Stormwater Coordinator							

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



SMALL MS4 ANNUAL REPORT FORM

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	Stormwater Pollution Prevention and Erosion Control Ordinance	Yes	Ord. # 2006-167 www.bentonvillear.com/docs/planning/stormwater_ordinance		With ordinance in place the City has enforcement actions up to and including fines and stop work orders for violations	Yes
Engineering Dept						
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	Education of Contractors and Developers	Yes	Every large scale development and preliminary plat is reviewed by Engineering Dept. per stormwater and drainage codes. Online Stormwater video and quiz required before PreCon Mtg. There is a NWA BMP Manual for specifications		Each pre-construction meeting allows the City an opportunity to make sure the developer/contractor understands what is required for their project	Yes
Construction Inspector, Stormwater Coordinator						
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	Track each reported concern	Yes	96	96	Complaints/Concerns are tracked and resolution recorded.	Yes
Stormwater Coordinator						
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	Pre-construction meeting between the Eng. Dept, Contractor, Developer and the Engineer of record for site	Yes	61 Full PreCons 13 Limited Grading Only	222 estimated (includes multiple submittals)	74 pre-construction meetings held make project staff aware of city requirements and regulations. Allows opportunity to discuss BMP implementation per project. Confirms wetland potential via National Wetlands Inventory website and Floodplain requirements on all new projects Tell Developers in PreCon about Town Branch TMDL for Phosphorus and ways to reduce nutrient loading	Yes
Engineering Dept						



ARKANSAS
Department of Environmental Quality

SMALL MS4 ANNUAL REPORT FORM

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	Inspection of ADEQ permitted sites	Yes	~60	529	monthly	Stormwater Site Inspection recorded. Stormwater construction site inspection sheets left in SWPPP box as record of site inspection. It lists comments and corrective actions	Yes
Construction Inspectors and Stormwater Coordinator							
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	Stormwater Ordinance has enforcement procedures written into regulation	Yes	0	0	Operators are notified of compliance concerns and corrective actions are requested. Multiple inspection reports are written to explain regulations. When warranted, construction inspections and/or building inspections are stopped until issues are resolved. Four sites were resolved.	Yes	
Engineering Dept							

*Include an attachment which identifies applicable sites within your jurisdiction for this reporting period.



SMALL MS4 ANNUAL REPORT FORM

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	Evaluate code effectiveness	Yes	City ord. 2008-87 Stormwater Management Drainage Manual and Subdivision Code		Applied codes as required	Yes
Engineering Dept						
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	Inspection of site with approved plans and city regulations	Yes	Yes Stormwater feature construction per detail and per ordinance requirements		Sites are to be 80% vegetated upon project SWPPP closure Continued mapping	Yes
Engineering Dept						
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	Review each plan approved for construction within the city	Yes	74 All large scale developments are required to submit a drainage report	74 All drainage reports are reviewed per city requirements	Each set of plans are reviewed by various departments to determine compliance with city code; particularly at final project completion inspection	Yes
Engineering Dept						
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	To make sure projects are meeting plan completion as according to plan and code	Yes	66 Final Eng 175 Final Reinspects 55 1-yr maintenance	17 avg. per month	Final stormwater inspection evaluates site with respect to city and state regulations	Yes
Engineering Dept						
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	Document reported concerns	Yes	0	0	Recorded and addressed 64 sites with post construction stormwater concerns	Yes
Engineering Dept						



ARKANSAS
Department of Environmental Quality

SMALL MS4 ANNUAL REPORT FORM

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)
<p>Long-Term O&M Plans/Agreements</p> <p>Engineering Dept</p>	<p>Unless deeded to the city prior to 2005, all stormwater basins are private or property of POA and are their responsibility to maintain. A new ordinance dated Aug 2020 extended date for deeding until Nov 2020.</p>	<p>Yes</p>	<p>11 sites contained Low Impact Development (LID) stormwater management practices</p>	<p>Logged stormwater basin locations with post construction maintenance data</p>	<p>Since 2005 all post construction stormwater features are deeded to POA or large scale sites as common property for their owner responsibility to maintain. Recommend and request Operation and Maintenance plans upon plan review</p> <p>City hires contractor to mow city-owned stormwater basins</p> <p>Runoff Mitigation Ordinance plan review and approval process for lots not in LSD or PP development.</p>	<p>Yes</p>



SMALL MS4 ANNUAL REPORT FORM

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	MS4 employees are educated about ways to minimize the water quality impact of municipal activities by conducting annual employee training	Yes	Municipal pollution prevention BMPs, construction BMPs, spill management, illicit discharge detection and litter prevention	City staff and designated representatives	106	Combined In-person and virtual training that included North TX COG videos	Yes
USDA CES NWA Stormwater Education							
List of Municipal Facilities Subject to Program					O&M Procedures Developed for Facilities (Yes or No)	# of Facility Inspections Performed	Frequencies of Such Inspections
Airport, Municipal Works (includes Transportation/Street, Electric, Inventory and Water/Sewer), Public Works, Parks and Rec, Police, Fire, Compost/Wastewater, Library, City Hall/GIS/DAC, Administrative Services					Yes	128 facility 38 quarterly	Each Dept to document quarterly inspections and quarterly inspection of municipal facilities
MS4 Maintenance	Summarize Maintenance Activities and Schedules			Summarize Activities Performed			
	Stormwater Management Plan for City Facilities Covered wash bay for city vehicles drains to sanitary sewer Street Dept drainage maintenance activities	Updated SWPPP municipal contacts list Wash bay vac'd as needed, Municipal complex hydrodynamic separator vac'd. Street Dept Maintenance Program handled 80 drainage related work orders. It includes culvert, ditch, detention, and erosion repair and maintenance.					
Disposal of Wastes	Procedures Developed (Yes or No)		Document Amounts of Wastes Properly Disposed				
	Yes	Compost facility accepts woody debris and fill site accepts soils. Hydrodynamic separator removes pollutants at street sweeper clean out location. Used oil containers are available.					
Road Salt	Covered (Yes or No)		Tons Used	Summarize Measures Taken to Minimize Usage			
	Yes	12,387gals salt brine 52 cu/yd of sand 202.5 cu/yd of salt		Limit usage to maintain safe road conditions Do not spray roads when rain predicted			
Pesticide &	Procedures Developed (Yes or No)		Gallons Used	Summarize Measures Taken to Minimize Usage			



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Department of Environmental Quality

SMALL MS4 ANNUAL REPORT FORM

Herbicide Usage	Yes	40lbs Prodiamine 11.9gal 3D Herbicide 8.5gal Trimec .83gal Q4 Plus	Application rates recorded on spreadsheet by licensed applicators from city and city contractor. Application rates dependent upon acreage increases and Parks implementation staffing.
Fertilizer Usage	Procedures Developed (Yes or No)	Pounds Used	Summarize Measures Taken to Minimize Usage
	Yes	20,503 lbs	No phosphorus in fertilizer applications. Selection of trail recreational services by floodplain minimizes fertilizer use
Street Sweeping	Procedures Developed (Yes or No)	Document Amount of Material Collected and Properly Disposed	
	Yes (Sweeping by quadrant)	158 cu yds of sediment and leaves disposed of at compost facility. The city-wide resident leaf collection program picked up 3,134 bags.	
Flood Management Projects	Summarize any New or Existing Flood Management Projects that were Assessed for Impacts on Water Quality		
	<p>Investigated 82 Flood and 34 Drainage related concerns.</p> <p>The CRS Floodplain program issued 11 Floodplain Development permits, conducted 151 Floodplain reviews, evaluated 14 Elevation Certificates, mailed 120 letters to realtors, banks, and insurance companies about floodplain data, mailed 40 letters to repetitive loss areas, and published related articles in City Newsletter.</p> <p>City has 5 CLOMRs and 6 LOMRs pending. Started using Base Level Engineering data as available.</p>		



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.

2021 SWMP Elements Updates:

The city wide 311 Reported Concerns system resulted 76 Reported concerns of which 23 were Flooding and Drainage related and 49 were Construction Site concerns.

Related stormwater activities undertaken by the City in 2021:

- Implemented Runoff Mitigation Ordinance
- Implemented online Precon Education Training and online in Spanish
- Passed City Bond extension with about \$19M in Drainage Improvement projects

VARIANCES GRANTED (IF ANY)

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