

ARR040000 Recertification Notice of Intent for Regulated Small Municipal Separate Storm Sewer Systems (MS4s) General Permit

version 1.17

(Submission #: HQ4-EYR3-HSG64, version 1)

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Location: North Little Rock, Arkansas



Details

AFIN 88-00854
Submission ID HQ4-EYR3-HSG64
Submission Reason Renewal

Form Input

Permit Information

Recertification Instruction

Please review all fields carefully for typos or inaccurate information. If the information in the corresponding field is incorrect, please update the corresponding field with the correct information by typing over the existing information.

If the Permittee (Legal Name) changes, you will need to also submit a permit transfer form.

The update SWMP must be submitted in accordance with the permit.

Permittee (Legal Name)

The permittee means any person (an individual, association, partnership, corporation, municipality, state, or federal agency) who has the primary management and ultimate decision-making responsibility over the operation of a facility or activity.

Permit No.
ARR040032

AFIN
88-00854

Permittee (Legal Name)
Benton County

Site Contact Person

Contact Person Information

First Name **Last Name**
Madison Kienzle

Title
Planning Director

Phone Type **Number** **Extension**
Business 479-464-6166

Email
madison.kienzle@bentoncountyar.gov

Urbanized/Core Areas

Fayetteville - Springdale

Receiving Stream

Osage Creek, McKissic Creek, Little Sugar Creek, Illinois River, Praire Creek

Is this MS4 identified on the list of the EPA approved Total Maximum Daily Loads (TMDL)?

No

From our database, the Responsible Official are listed in the following

Responsible Official First Name

Honorable Barry

Responsible Official Last Name

Moehring

Responsible Official Title

County Judge

Did the Responsible Official Change?

No

Please provide the Responsible Official Email Address

barry.moehring@bentoncountyar.gov

From our database, the Cognizant Official are listed in the following

Cognizant Official First Name

Madison

Cognizant Official Last Name

Kienzle

Cognizant Official Title

Director

Did the Cognizant Official Change?

No

Please provide the Cognizant Official Email Address

madison.kienzle@bentoncountyar.gov

Mailing Address

215 E CENTRAL AVE
BENTONVILLE, AR 72712

Is the invoice address the same as the mailing address?

Yes

Attach Updated SWMP and Updated Storm Sewer System Map

[Benton County Stormwater Management Plan 2025-2029.pdf - 06/24/2024 01:02 PM](#)

Comment

NONE PROVIDED



Benton County, Arkansas
Stormwater Management Program
2025 - 2029

Permit ARR 040000
AFIN 88-00854
MS4 Permit ARR 040032
Dated June 24th 2024

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Benton County Stormwater Management Program

Minimum Control Measures

Minimum Control Measure #1: Public Education and Outreach

Decision Process

The MS4 Stormwater Compliance Group meets to discuss stormwater pollution prevention and provide input on education activities. The NWA Stormwater Education Steering committee convenes at least once each year to review and evaluate program accomplishments and plan next steps. Both groups provide the localized input used to identify critical stormwater pollutants, education needs, target audiences, program methods, and public relations strategies.

Public Education/Outreach BMPs

Develop and distribute educational materials

Input from both the MS4 Stormwater Compliance Group and NWA Stormwater Education Steering Committee guides the emphases of electronic and printed educational materials. Once topics are identified, materials will be developed, adapted, and/or gathered for distribution at public meetings, in support of presentations, and with educational displays. Examples may include fact sheets, videos, social media content, website content, newsletters, press releases, and PSAs.

Conduct stormwater education activities

Educational presentations will be given to illustrate stormwater dynamics, identify potential pollutants and pathways, describe techniques to reduce stormwater pollution and encourage voluntary BMP implementation according to the annual topic/audience emphases outlined in the table below.

Measurable Goal:

Stormwater education programs will be conducted and documented.

Mechanism types and numbers of educational materials will be documented.

Develop 5 educational materials across the permit term.

Attendance of MS4 Stormwater Compliance Group and Education Steering Committee meetings will be documented.

Responsible Party

The Northwest Arkansas Regional Planning Commission and the University of Arkansas Cooperative Extension Service have contracted with the MS4 to be responsible for the development and implementation of the public education efforts. A copy of that agreement is included in this plan.

Performance Standard:

Urban stormwater outreach/education programs will reach at least 50% of the urbanized area population.

**Minimum Control Measure #1:
5 Year Implementation Schedule**

2025	2026	2027	2028	2029
<i>Topic Emphases:</i> Storm drain awareness/dumping	<i>Topic Emphasis:</i> Slow runoff from impervious surfaces	<i>Topic Emphasis:</i> Sediment control	<i>Topic Emphasis:</i> Litter	<i>Topic Emphasis:</i> Yard waste
<i>Target Audience:</i> General public	<i>Target Audience:</i> Residential, municipal, and small commercial	<i>Target Audience:</i> Land development community	<i>Target Audience:</i> General public	<i>Target Audience:</i> General public and green industry
<i>Rationale:</i> Pollutants entering the storm drain system degrade water quality	<i>Rationale:</i> Negative impacts of stormwater runoff can be mitigated by slowing runoff and allowing it to stay on site through LID and disconnecting impervious surfaces.	<i>Rationale:</i> Sediment leaving construction sites can enter the storm drain system and degrade water quality	<i>Rationale:</i> Litter can enter the storm drain system and degrade water quality	<i>Rationale:</i> Improper yard waste disposal can clog drainage ways and excess fertilizer and pesticide applications can enter the storm drain system and degrade water

Minimum Control Measure #2: Public Involvement and Participation

Decision Process

The MS4 Stormwater Compliance Group meets to discuss stormwater pollution prevention and provide input on education activities. The NWA Stormwater Education Steering committee (public membership comprised of diverse backgrounds/interests) convenes at least once each year to review and evaluate program accomplishments and plan next steps. Both groups provide the localized input used to identify critical stormwater pollutants, education needs, target audiences, program methods, and public relations strategies.

Target Audience

The audience for public involvement programs and activities will be the general public and may include businesses, trade associations, environmental groups, homeowners, and civic organizations.

Public Involvement/Participation BMPs

Engage Residents in Public Participation/Involvement Activities

Input from both the MS4 Stormwater Compliance Group and Education Steering Committee guides the emphases of educational materials, educational programs, and public involvement efforts. Residents will participate in public involvement activities. Examples may include stormwater compliance meetings, stormwater steering meetings, clean ups, rain barrel workshops, etc.

Measureable Goal:

Public participation activities will be documented.

Responsible Party

The Northwest Arkansas Regional Planning Commission and the University of Arkansas Cooperative Extension Service have contracted with the MS4 to be responsible for the development and implementation of the public involvement efforts. A copy of that agreement is included in this plan.

Performance Standard

At least 5 public participation and involvement activities will be coordinated over the permit term.

Minimum Control Measure #3: Illicit Discharges Detection and Elimination

(IDDE)

Benton County has devised a plan for the detection and elimination of non-stormwater discharges within the community's urbanized area. The County sends representatives from the Benton County Planning Department to the Northwest Arkansas Stormwater Compliance Group which covers Benton and Washington Counties to collaborate on the identification of significant contributors of pollutants in small MS4 areas. With input from the group, decisions are made as to the significant pollutants to address in the areas near Beaver Lake where generally the County's urbanized populations reside. Seven particular activities comprise the detection and elimination procedures. They are:

- *Illicit Discharges Reporting and Tracking System*
- *Illicit Discharges Response and Enforcement*
- *Outfall Inventory and Mapping*
- *Non-Stormwater Discharge Assessment*
- *Full adherence to the requirements of the Planning and Development Regulations of Benton County, Chapter VIII- Stormwater Pollution Prevention, Grading & Erosion Control documents (consistent with Court Order)*
- *Illegal dumping enforcement*
- *Solid Waste Management in Benton County*

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 identify areas 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 urbanized MS4 area at least once during the five-year permit term. Benton County 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, Benton County shall require an expeditious schedule for removal of the discharge. In the interim, Benton County shall require the operator of the illicit discharge to take all reasonable measures to minimize the discharge of pollutants to the MS4.

If a potential source of the illicit discharge was initially identified, steps should be taken to investigate the potential source site, such as inspection at the site and storm drain

system in the vicinity. If drains, sumps, or other suspect discharge locations are observed during inspection, dye testing, smoke testing, electronic location of subsurface pipes, or televising may be used.

If no specific source is suspected, and only the general area of discharge is known, it may be possible to trace the evidence by visual inspection of the storm drain access point. If the basin/manhole inspection is not fruitful, some interim steps should be taken to trap water from an intermittent discharge. Sand bagging, damming or block testing of selected storm drain access point, combined with installation of an optical brightener trap to assess if detergents are present in a discharge can help reveal the discharge source.

BMPs and Measurable Goals

ID#1

Illicit Discharges Reporting and Tracking System

Benton County currently regulates illicit discharges via tracking of illegal dumps, solid waste, illicit stormwater discharge and junkyard enforcement programs.

- The County is responsible for enforcement, reporting and tracking. The Department's phone number is published, and a county-maintained website with contact information is available.
- Areas of highly concentrated population in small parcels, condominiums, and small private wastewater facilities shall be targeted for tracking and potential illicit discharges.

Measurable Goals

- Solid Waste, Junkyard and Stormwater complaints are recorded as they are received. The complaints are numbered, investigated and resolved.

ID#2

Illicit Discharges Response and Enforcement

Any pollution complaints and spills in Benton County are handled by City and/ or Rural Fire Department(s) or the Northwest Arkansas Regional Haz-Mat Team coordinated by the Benton County Department of Emergency Management.

ID#3

Outfall Inventory and Mapping

Mapping of the storm drainage system was completed in 2013 and the dataset was expanded through the years based on additional inventory and inspection of

urbanized area outfalls and conveyances.

The MS4 Area in unincorporated Benton County changed drastically when the definition was updated. As a result, there are areas of the County that were not previously included in the MS4 and also areas that were previously included that have been removed. Therefore, a new inventory of outfall structures must be developed. Benton County Planning staff will utilize the County GIS Base Map to identify all roads, drainage structures including culverts, inlets, private storm sewer systems. The inventory of features will document locations, types, sizes and condition of storm drain structures. Information shall be determined by GPS equipment and notation. County Road Department and Planning Department personnel shall gather, input and convey data to GIS Department for placement into maps.

Areas of highly concentrated population in small parcels, condominiums, and small private wastewater facilities within the County's urbanized area shall be targeted for screening and reconnaissance. All new developments within the urbanized area approved by Benton County Planning Board shall be added to the mapping data set with identification of all new structures.

Measurable Goals

- A new inventory of outfall structures in the update MS4 area to be developed within the next year.

ID#4

Non-Stormwater Discharge Assessment

Benton County includes illicit discharge detection and elimination through dry-weather screening of all stormwater outfalls located in MS4 urbanized areas.

Public education and awareness of non-stormwater discharges shall be emphasized to inform residents and businesses in urbanized areas of the specific issues regarding pollutants. As the county MS4 area is near the lake, specific issues to be addressed shall be targeted to chemicals in lawn care, commercial car wash discharges, oils and greases in vehicles and boats and swimming pool discharges. Further evaluation of the types of pollutants to target shall be done during the terms of the *permit*. Specific issues and problems shall be documented and targeted for addressing in public meetings and training sessions. Categories which shall NOT be addressed as illicit discharges are discharge authorized by and NPDES permit; uncontaminated waterline flushing and other infrequent discharges from potable water sources; infrequent uncontaminated discharge from landscape irrigation or lawn watering; discharge from the occasional non-commercial washing of vehicles; uncontaminated groundwater, including rising groundwater,

groundwater infiltration into storm drains, pumped groundwater and springs; diverted stream flows and natural riparian habitat or wetland flows; or a discharge or flow of fire protection water that does not contain oil or hazardous substances or materials in accordance with the 'Planning and Development Regulations of Benton County'.

Much of the identification of issues will be done with the following:

- Dry weather screening activities to detect non-stormwater pollutants
- Public education and target outreach letters to property owners within the urbanized area

Measurable Goals

- Assessment and determination of non-stormwater discharges will be documented. Refer to public education and published materials listed starting on Page 12.

ID#5

Planning and Development Regulations of Benton County adopted by Ordinance No. O-2014-06

- Chapter VIII- Titled: *Stormwater Pollution Prevention, Grading & Erosion Control* (consistent with Court Order Signed January 30, 2009; date filed February 27, 2009)

§8.1 – GENERAL PROVISIONS

§8.2 – PROHIBITIONS AND REQUIREMENTS

§8.3 – STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES

§8.4 – ENFORCEMENT

Appendix D- Stormwater Management – Best Management Practices

- *Measurable Goals*
 - Enforcement actions will be documented in the Benton County Development Department.
 - Number of actions taken will be documented.

ID#6

Illegal dumping enforcement

- See ID BMP#1 & #5 above
- Benton County Development Department- Environmental Enforcement Officers commissioned by the State of Arkansas serve as Illegal Dump Control Officers.

Measurable Goals

- Solid Waste, Junkyard and Stormwater complaints are recorded as they are

received. The complaints are numbered, investigated and resolved.

ID# 7

Solid Waste in Benton County

- Encourage use of Household Hazardous Waste Drop-Off, Compost, Recycling and Solid Waste Facilities throughout Benton County.

- Benton County realizes that there are other forms of waste that will need to be disposed.
Benton County falls in the Benton County Regional Solid Waste District Management District (RSWMD) area of the state. Together the District, Cities and County work together to address solid waste issues throughout Benton County. Listed below are the different items, locations, and phone numbers accepted by the RSWMD.

- Benton County RSWMD also works with local solid waste haulers to license and monitor for compliance with solid waste regulations of Arkansas. Private trash service providers provide service at a cost to the residents of the County.

- From used motor oil to dead batteries to TV's to plastic bottles, glass and paper-recycling options abound in Benton County. Typical items accepted include aluminum cans, glass, office paper, #1 & #2 plastics bottles, newspaper, and corrugated cardboard. These vary depending on the facility. There is usually no charge for dropping off recyclable items at these facilities.

- Recycling Drop-Off and Drive Locations
 - Bella Vista
AARP Chapter 109
400 Pinion Bluff
Dr. (479) 876-
5343

 - Centeron
Benton County Recycling Center
5702 Brookside Road
(479) 795-
751

 - Rogers
Rogers Community Recycling Center

2300 N. Arkansas at Stavepost Rd
(479) 621-1185

- Siloam Springs
Siloam Springs Recycling & Transfer Station
1108 E. Ashley
(479) 524-8512
- Benton County Solid Waste District
5702 Brookside Road, Bentonville
(479) 795-0751
- Household Hazardous Waste (HHW)
These items include automotive products, pool chemicals, paint products, lawn & garden products, cleaning products, batteries, thermometers, florescent bulbs, etc. Items can be recycled at a local HHW collection center at no charge for household quantities are available to County residents only. For more information on Household Hazardous Waste; please visit the EPA website or Water Environment Federation website.
- Electronics: -
In Benton County we are fortunate to have an electronics recycling program in place to meet the growing demand for disposal. The following items are accepted at the Benton County Regional Solid Waste Management District.
Items taken include:
 - o Computers- includes monitor, CPU, keyboard, speakers & mouse
 - o Handheld devices such as PDA's and iPods
 - o Media storage- CD's, DVD's, videotapes, floppy disks
 - (free)TVs o VCRs
 - o Printers
 - o Copiers
 - o Scanners
 - o Microwaves
 - o Home Stereos o
 - UPS's
 - o Cell Phones (free)
- Other Special Waste Types

For information on disposing of special wastes such as TV's, printer cartridges, building materials, appliances, or tires, residents are advised to contact Benton County Development Department or recycling locations listed above.

- **Composting Facility**

The city of Bentonville has a composting facility for its residence only. They take grass clippings, limbs, brush and leaves. The facility combines chipped wood and leaves with dried sludge from their wastewater treatment plant to make compost available to the public for \$10 for a small load.

- Bentonville Compost Facility, 2000 NW "A" Street.

Measurable Goals

- Electronics recycling collection is reported annual
- Recycling is reported to ADEQ Solid Waste Division
- Solid Waste collection is reported to ADEQ Solid Waste Division
- Household Hazardous Waste Collection is documented

Responsible Parties

- Benton County Planning Department
- City and/ or Rural Fire Department(s)
- Northwest Arkansas Regional Haz-Mat Team
- Benton County Regional Solid Waste Management District
- Benton County GIS Department

Minimum Control Measure #4: Construction Site Stormwater Runoff Control

(CS)

Construction plans, located within the County's Urbanized area, that are submitted for County approval will be reviewed for compliance with the 'Planning and Development Regulations of Benton County', Chapter VIII- Stormwater Pollution Prevention, Grading and Erosion Control (Consistent with the Court Order). 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) 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. If ADEQ waives requirements for stormwater

discharges associated with small construction from a specific site(s), Benton County is not required to enforce the program to reduce pollutant discharges from such site(s).

BMP's and Measurable Goals

CS#1

Planning and Development Regulations of Benton County adopted by Ordinance No. O-2014- 06

- Chapter VIII- Titled: *Stormwater Pollution Prevention, Grading & Erosion Control* (consistent with Court Order Signed January 30, 2009; date filed February 27, 2009)
 - §8.1 – GENERAL PROVISIONS
 - §8.2 – PROHIBITIONS AND REQUIREMENTS
 - §8.3 – STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES
 - §8.4 – ENFORCEMENT
- Appendix D- Stormwater Management – Best Management Practices

Measurable Goals

- Enforcement actions will be documented in the Benton County Planning Department
- Number of actions taken will be documented.

CS#2

Inspections & Enforcement

- See CS #1 above for regulation enforcement
- Will include pre-construction site plan reviews of 100 percent of projects one acre or greater within the urbanized, unincorporated areas of the County that are submitted to the Benton County Development Department.
- Management of permanent stormwater structures/features shall be the responsibility of individual property owners or owners' associations.
- Site Inspections
 1. Monthly inspection at active construction sites disturbing one-acre or more subject to SWPPP implementation with Benton County Stormwater permits issued to the operator.
 11. On a complaint basis- the County will investigate solid waste and stormwater complaints received.
 111. Final inspection and identification for site disturbing one-acre or more within the urbanized area shall be documented for future reference.
 - IV. Since many violations are complaint driven, the County has established an accessible system for receipt of public information. Note that this system is also cross-referenced to the public education program to seek to reduce violations.

Measurable Goals

- Number of applicable sites in the MS4's jurisdiction documents
- Number of pre-construction site plan reviews performed

- Number and frequency of site inspections
- Documentation of responsible persons for permanent O & M
- Documentation of Pre-Construction Conference and training of contractors working in the MS4 areas.

CS#3

Planning Department Checklist

- Each project that is submitted to Benton County for Subdivision, Planned Development, Tract Split, or Large-Scale Development is reviewed by the County Planning Department for numerous requirements including:
 - Check if project falls within the urbanized, unincorporated area of the County regardless of lot size.
 - If project does fall within the County's MS4 area the Stormwater Manager in the Benton County Development Department is notified.
 - Benton County Development Department staff are responsible for pre-construction review of plan and must follow guidelines as detailed in the 'Planning and Development Regulations of Benton County', Chapter VIII- *Stormwater Pollution Prevention, Grading & Erosion Control* (consistent with the court order).
 - Review for floodplain compliance
 - Review for approved sanitation needs. example: septic, combined sewer system, city sewer connections
 - Review and approval is issued by the Arkansas Department of Health - Benton County Health unit
 - Water drainage plans reviewed by Certified Stormwater Manager in the Benton County Development Department.

Measurable Goals

- Number of applicable sites in the MS4's jurisdiction
- Number of pre-construction site plan review performed
- Number of Pre-Construction Conference and training of contractors working in the MS4 areas administered.

Responsible Parties

- Benton County Development Department
- Arkansas Department of Health- Benton County Health Unit

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

BMP's and Measurable Goals

PC#1

Planning and Development Regulations of Benton County adopted by Ordinance No. O-2014- 06 Chapter VIII- Titled: *Stormwater Pollution Prevention, Grading & Erosion Control (consistent with Court Order Signed January 30, 2009, Filed February 27, 2009 adopted by Benton County to address Construction Site Stormwater Runoff Control)*

- Available online at: <http://www.bentoncountyar.gov>
- Related Sections
 - §8.1 – GENERAL PROVISIONS
 - §8.3 – STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES
 - Appendix D- Stormwater Management – Best Management Practices

Measurable Goals

- Enforcement actions will be documented in the Benton County Development Department.
- Number of actions taken will be documented.

PC#2

BMP Manual for Benton County- Planning and Development Regulations of Benton County adopted by Ordinance No. O-2014- 06 - Appendix D- Stormwater Management – Best Management Practices

- Available online at: <http://www.bentoncountyar.gov>
- University of Arkansas Professionals wrote the BMP Manual for the Northwest Arkansas MS4's. This was chosen because the BMP's are specific to the conditions and needs that are in the NWA area.
- The Manual addresses:
 - o Construction Planning & Sequencing
 - o Construction Entrance
 - o Various Erosion Controls
 - o Various Sediment Controls
 - o Vegetation & Erosion Control Mats
 - o Nutrient Loading Control
 - o Organic Loading Control

Measurable Goals

- Number of inspections performed to ensure as built per requirements
- Number of applicable sites in the jurisdiction requiring post-construction controls

PC#3

Construction Site Inspection and O & M requirements

- Authorized by Planning and Development Regulations of Benton County adopted by Ordinance No. O-2014- 06 (consistent with County court order titled: *Stormwater Pollution Prevention, Grading & Erosion Control*)
 - §8.1 – GENERAL PROVISIONS
 - §8.4 – ENFORCEMENT
- The County reviews all plans for the development of retention/detention ponds for compliance with Planning and Development Regulations of Benton County adopted by Ordinance No. O-2014- 06 (consistent with County court order titled: *Stormwater Pollution Prevention, Grading & Erosion Control*)

Measurable Goals

- Number of long-term operation and maintenance (O&M) plans developed and agreements in place
- Certificate of Occupancy issued when all long term BMPs are in place and approved.
- Responsible parties are the land owners and any owners's associations which are established by development covenants.

PC#4

Implementation of Low Impact Development Codes and Ordinances

- Implement low impact development guidelines and enabling ordinances as outlined in the Planning and Development Regulations of Benton County adopted by Ordinance No. O-2014- 06 (consistent with County court order titled: *Stormwater Pollution Prevention, Grading & Erosion Control*)
 - Target use in MS4 areas.
 - Distribute LID materials in public outreach events.

Measurable Goals

- Planning and Development Regulations of Benton County adopted by Ordinance No. O-2014- 06 (consistent with County court order titled: *Stormwater Pollution Prevention, Grading & Erosion Control*) - *Appendix B- LID Design Alternatives*
- Develop materials to be distributed
- Discuss LID with stakeholders at regional stormwater conferences

Responsible Parties

- Benton County Development Department
- University of Arkansas Division of Agriculture Cooperative Extension Service

Minimum Control Measure #6: Pollution Prevention/ Good Housekeeping for Municipal Operations (PP)

Benton County does not own any property in County's designated urbanized, unincorporated areas of the County. The County does not maintain any Industrial Stormwater permits within the urbanized, unincorporated areas of the county.

BMP's and Measurable Goals

PP#1

Train MS4 employees

- MS4 employees will be equipped with a knowledge and understanding of how to reduce the potential impact of their municipal operations activities on stormwater quality.

Measurable Goal

- A minimum of 5 training programs will be conducted for MS4 employees.

Performance Standard

- Training will be conducted for eligible employees annually.

Responsible Parties

- University of Arkansas Division of Agriculture Cooperative Extension Service
- Benton County Planning Department

Minimum Control Measure #7: Monitoring

There are no approved TMDL's in the Urbanized area of unincorporated Benton County.

BMP's and Measurable Goals:

PP#1

Monitor TMDL List

- Benton County Planning Staff will monitor draft TMDLs at Public Notice to ensure that any future TMDLs are appropriately monitored.

Measurable Goal

- Number of new TMDL's identified in the Urbanized Unincorporated area of the County.

Performance Standard

- TMDL list to be reviewed annually to identify new TMDL's which impact Unincorporated Benton County.

Responsible Party

- Benton County Planning

Summary of Minimum Control Measures Schedule of Activities

1. Public Education and Outreach on Stormwater Impacts (2020 – 2024)

2025	2026	2027	2028	2029
<i>Topic Emphases:</i> Storm drain awareness/dumping	<i>Topic Emphasis:</i> Slow runoff from impervious surfaces	<i>Topic Emphasis:</i> Sediment control	<i>Topic Emphasis:</i> Litter	<i>Topic Emphasis:</i> Yard waste
<i>Target Audience:</i> General public	<i>Target Audience:</i> Residential, municipal, and small commercial	<i>Target Audience:</i> Land development community	<i>Target Audience:</i> General public	<i>Target Audience:</i> General public and green industry
<i>Rationale:</i> Pollutants entering the storm drain system degrade water quality	<i>Rationale:</i> Negative impacts of stormwater runoff can be mitigated by slowing runoff and allowing it to stay on site through LID and disconnecting impervious surfaces.	<i>Rationale:</i> Sediment leaving construction sites can enter the storm drain system and degrade water quality	<i>Rationale:</i> Litter can enter the storm drain system and degrade water quality	<i>Rationale:</i> Improper yard waste disposal can clog drainage ways and excess fertilizer and pesticide applications can enter the storm drain system and degrade water quality

2. Illicit Discharges Detection and Elimination (IDDE)

BMP	2025	2026	2027	2028	2029
<i>Illicit Discharges Reporting and Tracking System</i>	Document number of calls received each year	Implement program improvements as warranted.	Monitor and revise as necessary	Monitor and revise as necessary	Monitor and revise as necessary
<i>Illicit Discharges Response and Enforcement</i>	Monitor and revise as necessary	Monitor and revise as necessary	Monitor and revise as necessary	Monitor and revise as necessary	Monitor and revise as necessary
<i>Outfall Inventory and Mapping & Non- Stormwater Discharge Assessment</i>	Develop new inventory of outfall structures with in updated MS4 Area.	Conduct dry inspections of existing outfalls, covering 20% of the County's MS4 Area, update stormwater maps with new inlets & outfalls as necessary.	Conduct dry inspections of existing outfalls, covering 20% of the County's MS4Area, update stormwater maps with new inlets & outfalls as necessary.	Conduct dry inspections of existing outfalls, covering 20% of the County's MS4 Area, update stormwater maps with new inlets & outfalls as necessary.	Conduct dry inspections of existing outfalls, covering 20% of the County's MS4Area, update stormwater maps with new inlets & outfalls as necessary.
<i>Planning Regulations to Address IDDE</i>	Review annually. Update as necessary.	Review annually. Update as necessary.	Review annually. Update as necessary.	Review annually. Update as necessary.	Review annually. Update as necessary.
<i>Illegal dumping enforcement</i>	Document number & type of complaints received. Document actions taken.	Document number & type of complaints received. Document actions taken.	Document number& type of complaints received. Document actions taken.	Document number& type of complaints received. Document actions taken.	Document number& type of complaints received. Document actions taken.

<i>Solid Waste in Benton County</i>	Promote services and source reduction options in Benton County.	Promote services and source reduction options in Benton County.	Promote services and source reduction options in Benton County.	Promote services and source reduction options in Benton County.	Promote services and source reduction options in Benton County.
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3. Construction Site Stormwater Runoff Control

BMP	2025	2026	2027	2028	2029
<i>Erosion and Sediment Control Regulation</i>	Review annually. Update as necessary.				
<i>Inspections & Enforcement</i>	Document number& type of complaints received. Document actions taken.	Document number& type of complaints received. Document actions taken.	Document number& type of complaints received. Document actions taken.	Document number& type of complaints received. Document actions taken.	Document number& type of complaints received. Document actions taken.
<i>Planning Department Checklist</i>	Monitor and revise as necessary				

5. Post-Construction Stormwater Management in New Development and Redevelopment

BMP	2025	2026	2027	2028	2029
<i>Erosion and Sediment Control Regulation</i>	Review annually. Update as necessary.	Review annually. Update as necessary	Review annually. Update as necessary.	Review annually. Update as necessary	Review annually. Update as necessary.
<i>BMP Manual for Benton County</i>	Review annually. Update as necessary.	Review annually. Update as necessary	Review annually. Update as necessary.	Review annually. Update as necessary	Review annually. Update as necessary.
<i>Construction Site Inspection</i>	Maintain inspection and compliance activities. Monitor/analyze program effectiveness and success/failure of BMPs observed over time.	Maintain inspection and compliance activities. Monitor/analyze program effectiveness and success/failure of BMPs observed over time.	Maintain inspection and compliance activities. Monitor/analyze program effectiveness and success/failure of BMPs observed over time.	Maintain inspection and compliance activities. Monitor/analyze program effectiveness and success/failure of BMPs observed over time.	Maintain inspection and compliance activities. Monitor/analyze program effectiveness and success/failure of BMPs observed over time.

6. Pollution Prevention/ Good Housekeeping for Municipal Operations

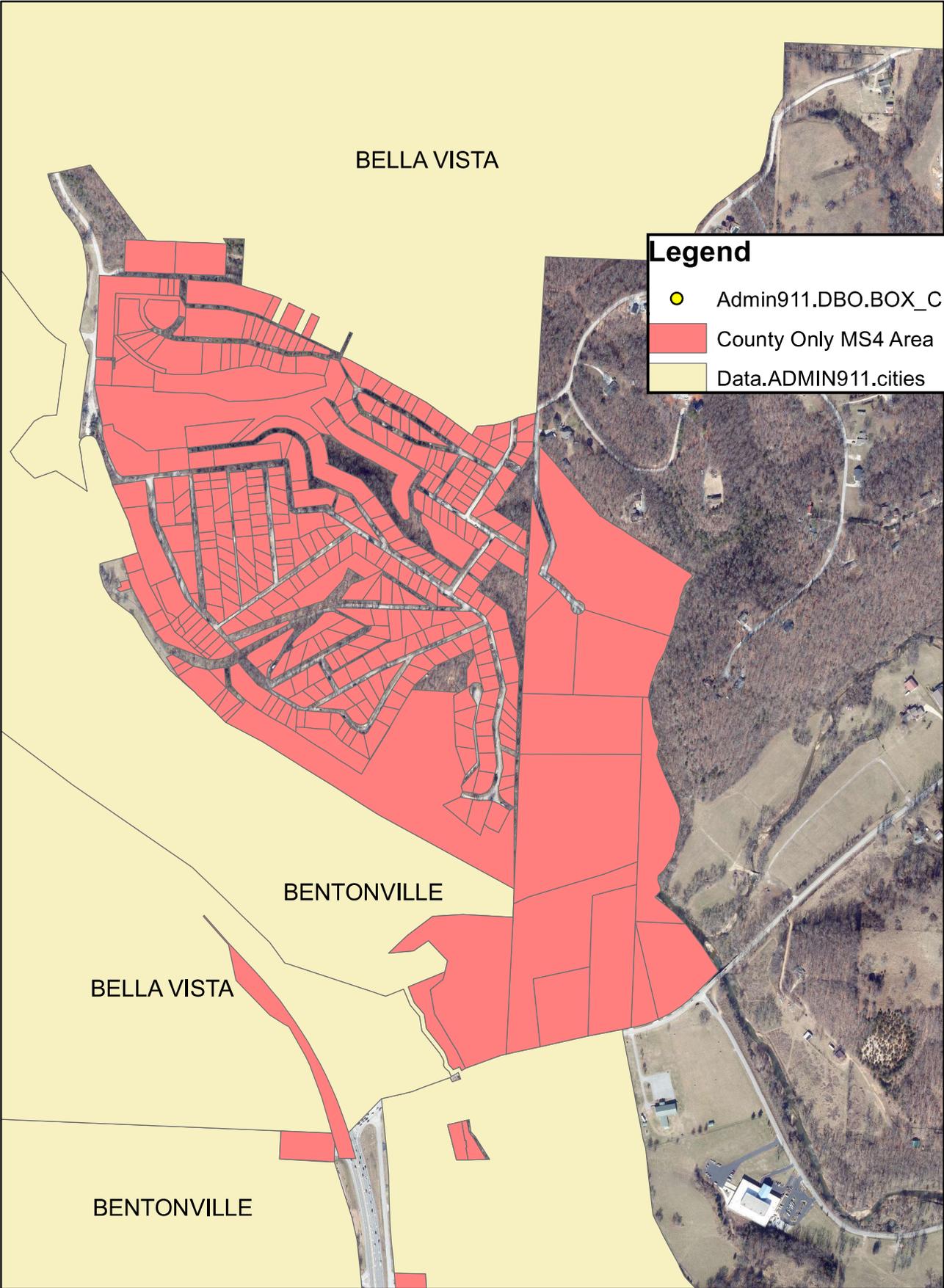
BMP	2025	2026	2027	2028	2029
<i>Staff Training</i>	Conduct annual training for employees.				

7. Monitoring

BMP	2025	2026	2027	2028	2029
<p><i>New TMDL Identified in the urbanized unincorporated area of the County.</i></p>	<p>TMDL list to be reviewed annually to identify new TMDL's which impact Benton County.</p>	<p>TMDL list to be reviewed annually to identify new TMDL's which impact Benton County.</p>	<p>TMDL list to be reviewed annually to identify new TMDL's which impact Benton County.</p>	<p>TMDL list to be reviewed annually to identify new TMDL's which impact Benton County.</p>	<p>TMDL list to be reviewed annually to identify new TMDL's which impact Benton County.</p>

Benton County MS4 Area Map
2025-2029

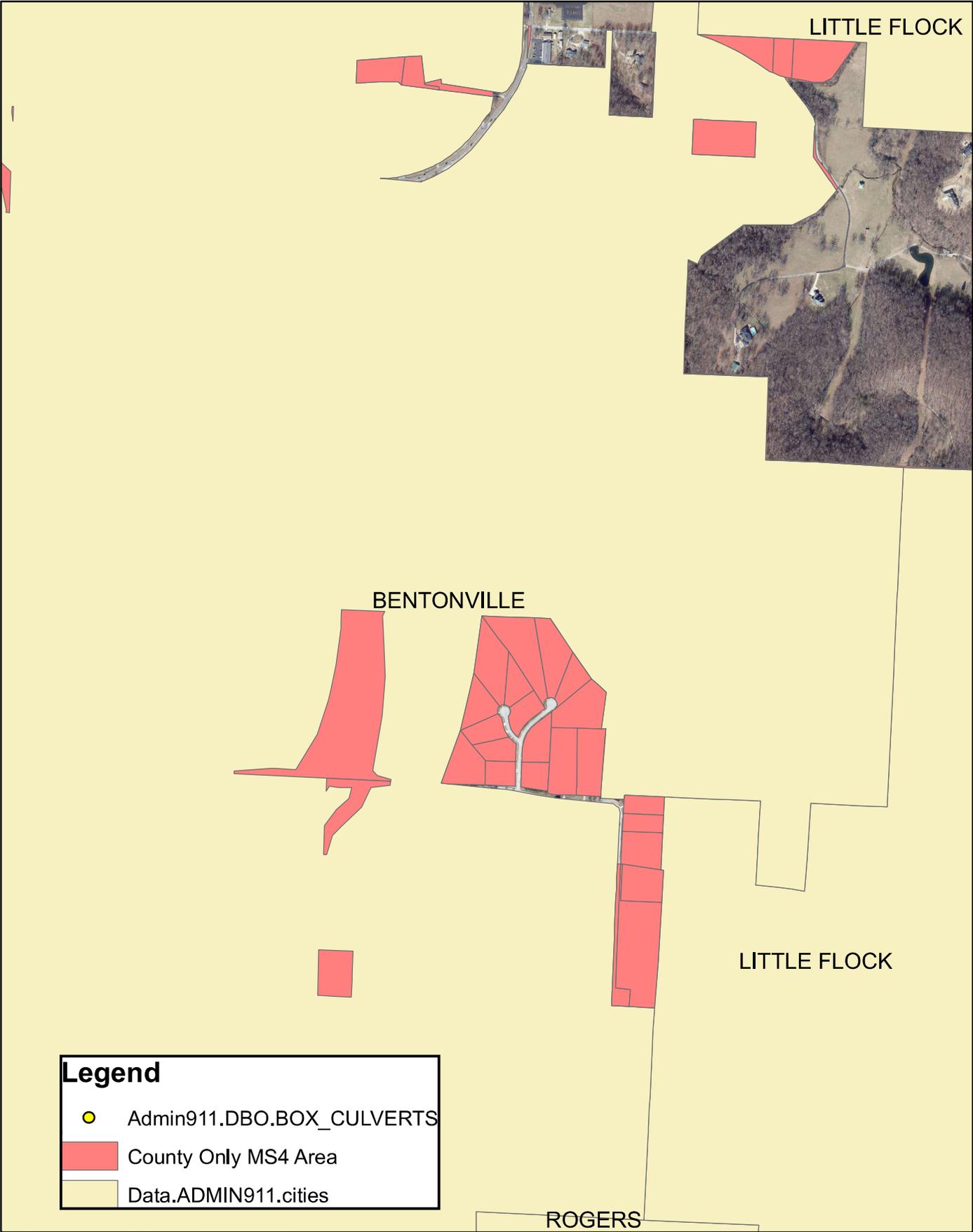
County MS4 Area near Bella Vista



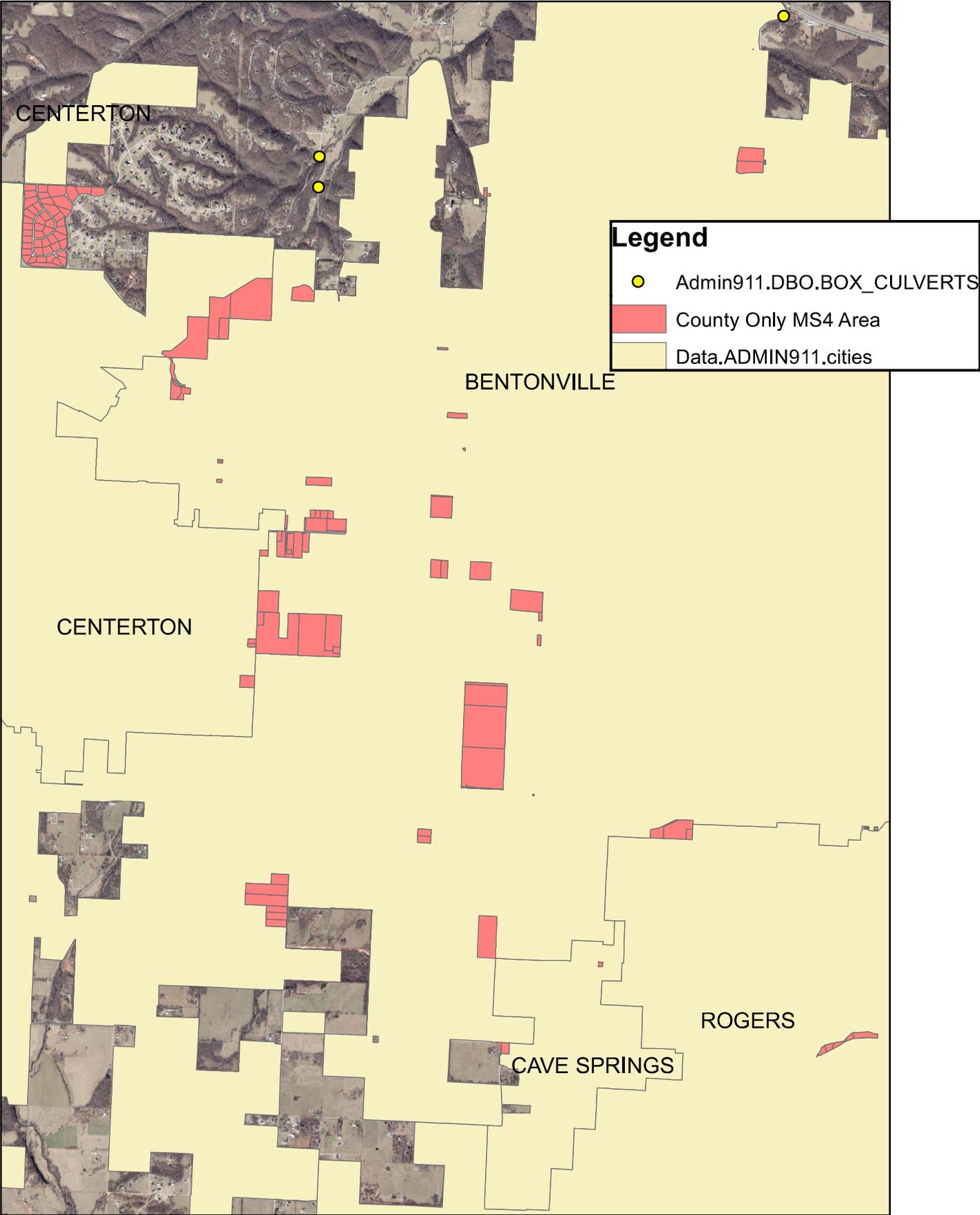
Legend

- Admin911.DBO.BOX_CULVERTS
- County Only MS4 Area
- Data.ADMIN911.cities

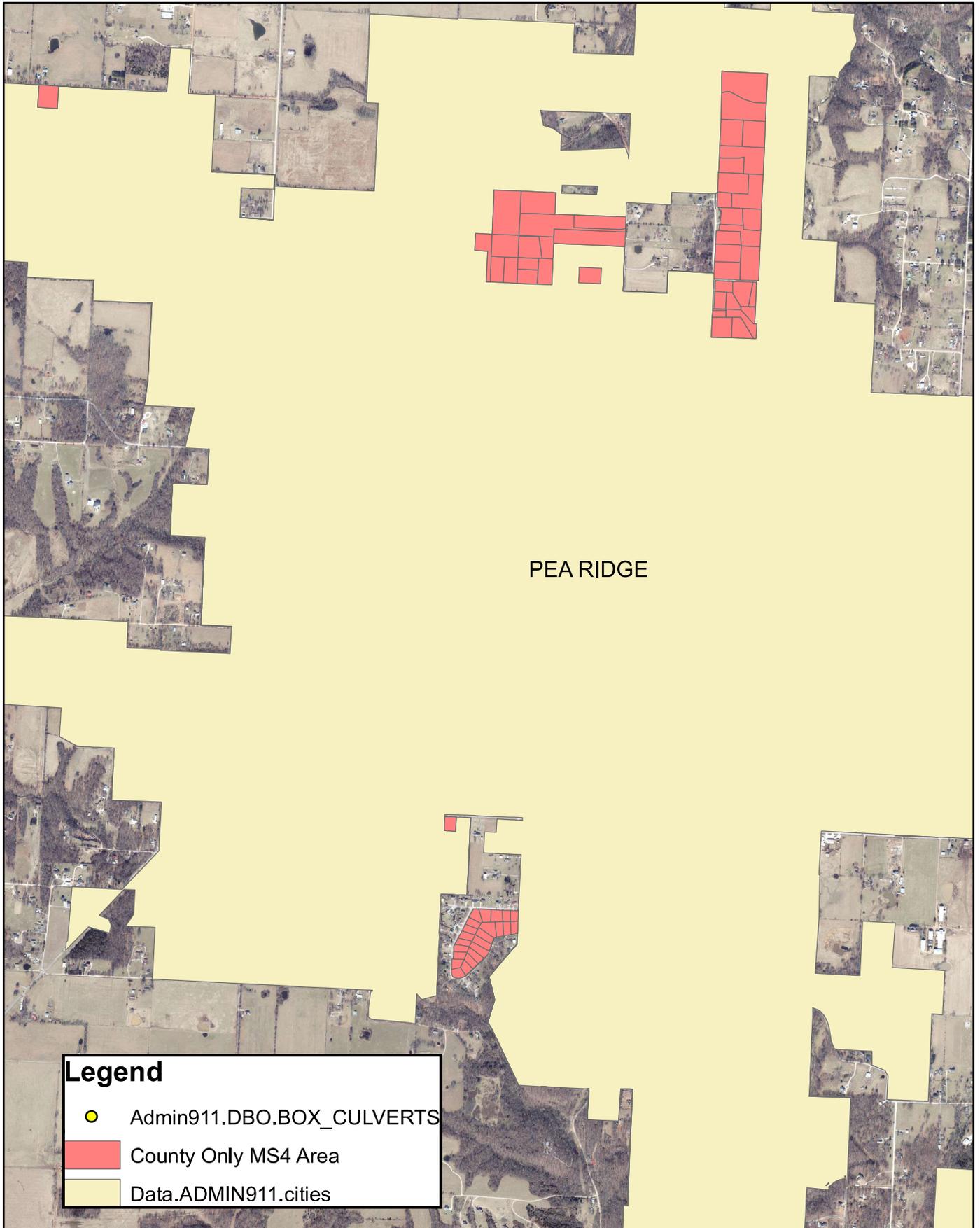
County MS4 Area near Bentonville and Little Flock



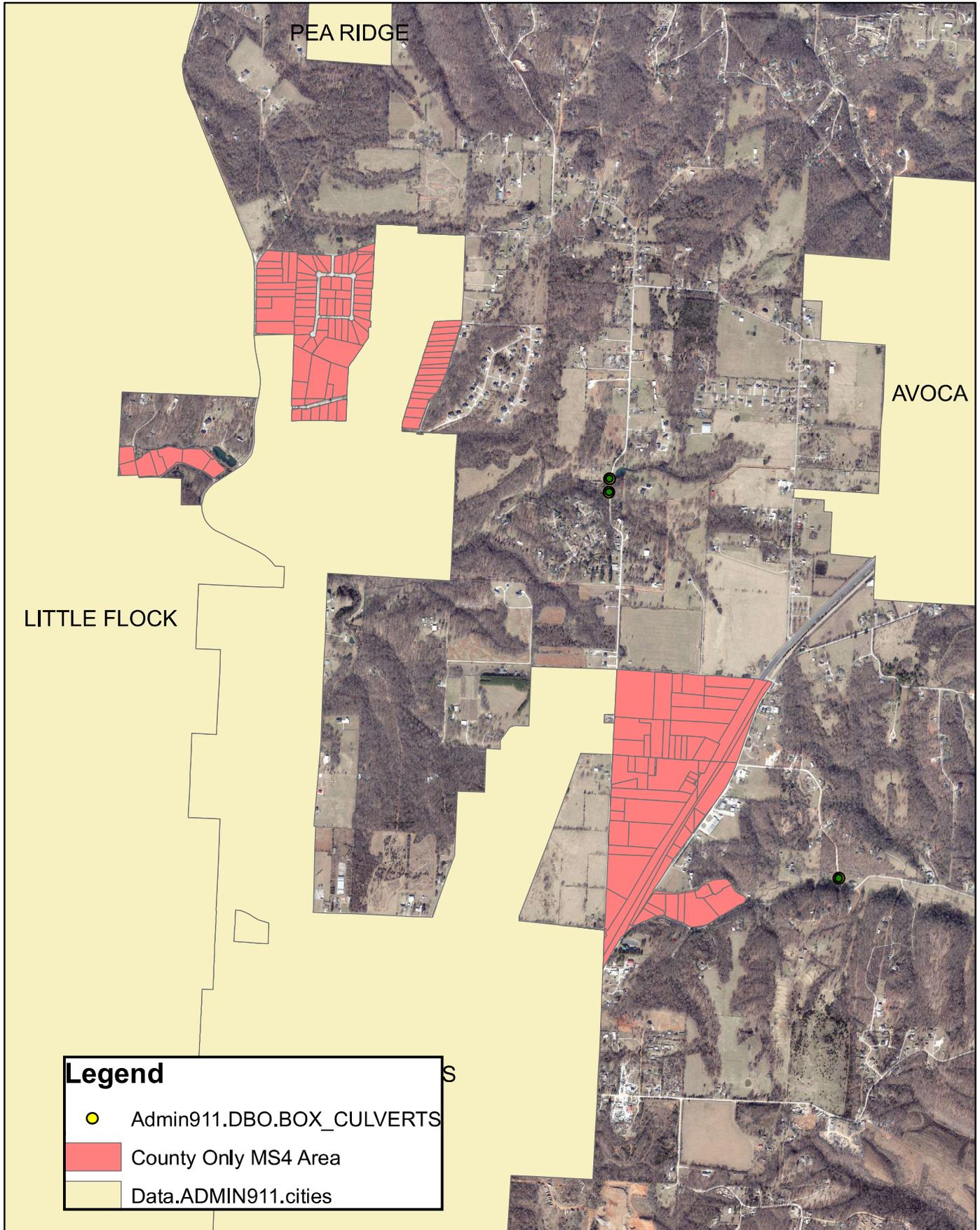
County MS4 Area near Centerton and Bentonville



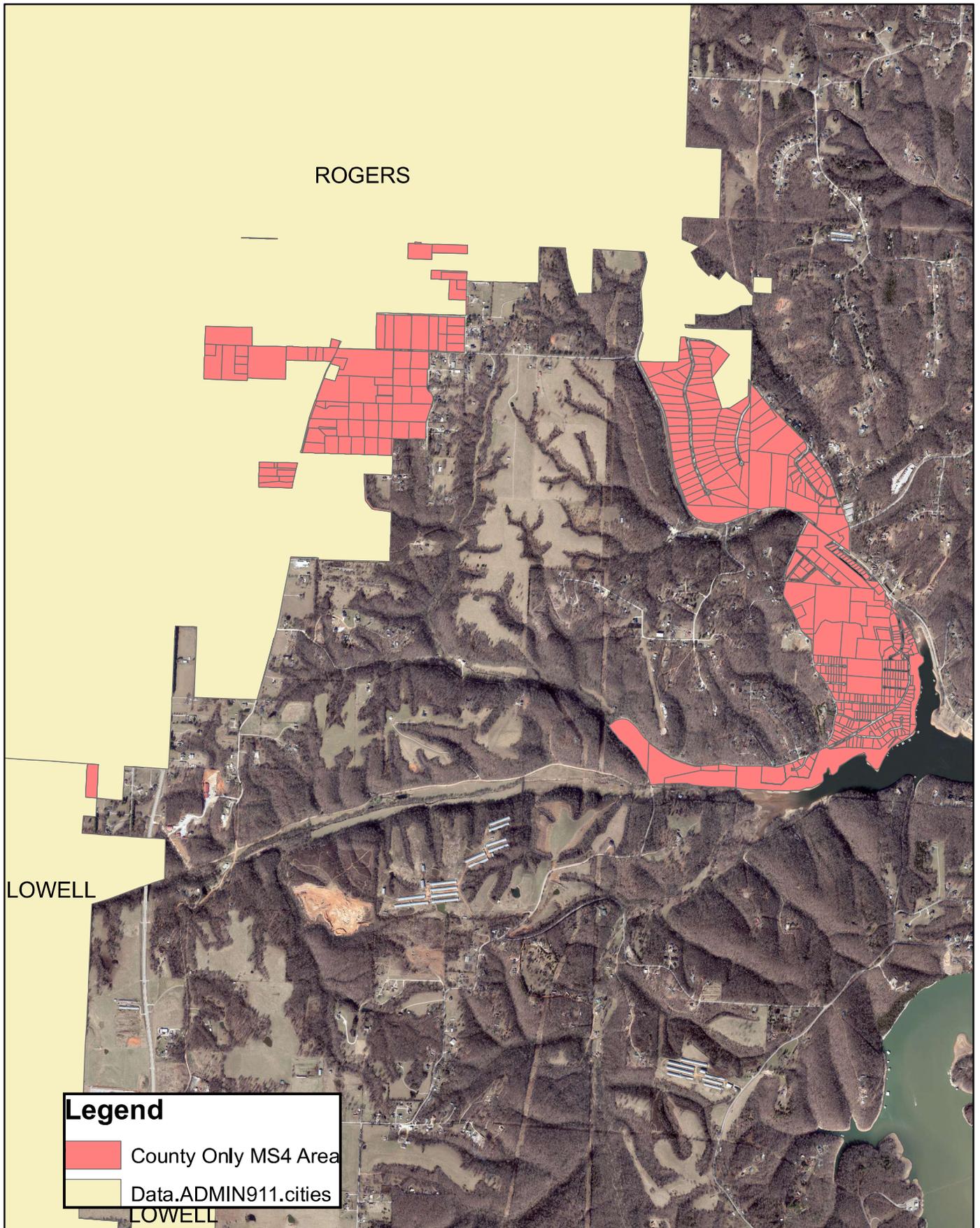
County MS4 Area near Pea Ridge



County MS4 Area near Rogers and Little Flock



County MS4 Area near Rogers



County MS4 Area near Siloam Springs and Gentry

