STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES
MISSOURI CLEAN WATER COMMISSION

MISSOURI STATE OPERATING PERMIT

General Operating Permit

In compliance with the Missouri Clean Water Law, (Chapter 644 R.S. Mo as amended, hereinafter, the Law), and the Federal Water Pollution Control Act (Public Law 92-500, 92nd Congress) as amended,

Permit No:	MOR040067
Owner:	City of Nixa
Address:	715 West Mt. Vernon NIXA, MO 65714
Continuing Authority:	City of Nixa 715 West Mt. Vernon NIXA, MO 65714
Facility Name:	Nixa Small MS4
Facility Address:	715 West Mt. Vernon NIXA, MO 65714
Legal Description:	See Page 2
UTM Coordinates:	See Page 2
Receiving Stream:	See Page 2
First Classified Stream - ID#:	See Page 2
USGS# and Sub Watershed#:	See Page 2

is authorized to discharge from the facility described herein, in accordance with the effluent limitations and monitoring requirements as set forth herein.

FACILITY DESCRIPTION All Outfalls SIC #9511
All Outfalls - Stormwater discharges from Regulated Small Municipal Separate Storm Sewer Systems.

SIC 9511/NAICS 924110

This permit authorizes only wastewater, including storm water, discharges under the Missouri Clean Water Law and the National Pollutant Discharge Elimination System, it does not apply to other regulated areas. This permit may be appealed in accordance with RSMo Section 644.051.6 and 621.250, 10 CSR 20-6.020, and 10 CSR 20-1.020.

January 15, 2017
Issue Date

Harry D. Bozoian, Director
Department of Natural Resources

September 30, 2021
Expiration Date

Cynthia S. Davies
Regional Director, Southwest Regional Office

MISSOURI DEPARTMENT OF NATURAL RESOURCES
WATER PROTECTION PROGRAM

MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) STORMWATER MANAGEMENT PLAN REPORT

FOR OFFICE USE ONLY
PROJECT ID NUMBER
DATE RECEIVED

Part A – MS4 PERMIT HOLDER INFORMATION

1. MS4 NAME	2. NPDES PERMIT NUMBER	3. MS4 UNIQUE ID NO.	
CITY OF NIXA MISSOURI	MOR040067		
4. ADDRESS	**5. CITY**	**6. STATE**	**7. ZIP CODE**
715 W. MT. VERNON ST.	NIXA	MO	65714
8. TELEPHONE NUMBER WITH AREA CODE	**9. EMAIL**		
417-725-2353	dnewell@nixa.com		

10. NAME OF MS4 CONTACT PERSON

DANNY NEWELL

11. Have any areas of the MS4 been added or removed from the MS4 jurisdiction due to annexation or other legal means since the most recent permit application (renewal, new, modification), or most recent MS4 stormwater management plan report?

☑ Yes ☐ No

If yes, please include a map along with a brief description as an attachment.

Part B – REPORTING PERIOD

1. Is your MS4 subject to a TMDL?

☐ Yes ☑ No

If yes, you are required to submit the MS4 report annually. Reports are due Feb. 28 each year. For the first reporting period, the beginning date will be June 13, 2016, and the ending date will be Dec. 31, 2016. All other annual reports shall cover the reporting period of Jan. 1 to Dec. 31 each year.

2. Is your MS4 new permitted (i.e., is this your first MS4 permit)?

☐ Yes ☑ No

If yes, you are required to submit the MS4 stormwater management plan report annually. Reports are due Feb. 28 each year. For the first reporting period, the beginning date will be the date of issuance of the permit and the ending date will be Dec. 31, 2016. All other annual reports shall cover the reporting period of Jan. 1 to Dec. 31 each year.

3. Is your MS4 a previously permitted MS4 and not subject to a TMDL?

☑ Yes ☐ No

If yes, you are required to submit the MS4 stormwater management plan report biennially (i.e., once every two years). Reports are due Feb. 28 every odd year. The first report will be due February 2017, and will cover the reporting period from June 13, 2016, to Dec. 31, 2016. All other reports shall cover the reporting period of Jan. 1 of the first year to Dec. 31 of the second year.

4. If you are part of a co-permitted MS4 permit, submit combined MS4 stormwater management plan reports, and one or more of the co-permitted MS4s have annual reporting based on the above criteria, then submit your MS4 stormwater management plan report annually by Feb. 28 of each year.

IF you are part of a co-permitted MS4 permit and do not submit combined MS4 stormwater management plan report, then each MS4 co-permittee will submit their MS4 stormwater management plan report based on the above criteria.

5. Reporting Period:

BEGINNING: JAN. 1, 2017 ENDING: DEC. 31, 2018

Part C – STORMWATER MANAGEMENT PLAN REPORT PROGRESS AND COMPLIANCE

As an attachment, please provide information for each of the items below. Provide informative data, success stories, and experiences that support the successful implementation of your stormwater management plan report.

1. Describe the status of compliance with permit conditions for the permitted MS4.
2. Provide information regarding the progress toward achieving the statutory goal of reducing the discharge of pollutants to the maximum extent practicable to the MS4.
3. If another governmental entity implements any best management practice or minimum control measure, please provide the following:
    a. Name of the government entity;
    b. Name of the primary contact for the government entity;
    c. Contact information (i.e., address, city, ZIP code, state, and phone number); and
    d. Specific best management practices or minimum control measures being implemented by the government entity.

It is the responsibility of the permittee to provide all information under this report regardless if best management practices or minimum control measures are being implemented by another governmental entity. If a complete minimum control measure is being implemented by an alternative governmental entity, then only indicate the best management practice under the minimum control measure.

4. Provide a summary of any stormwater activities and known construction activities that will be covered under the authority of the MS4 permit that are scheduled to begin during the next reporting period.
5. Provide a description of any changes to the stormwater management plan report, best management practices, measurable goals, and the iterative process that have occurred during the covered reporting period.
6. Provide a list of best management practices that were evaluated during the covered reporting period, and provide information on how the best management practice was determined effective.
    a. If any of the best management practices were determined to be ineffective, provide a summary on how the ineffective best management practice was resolved.
7. If any water samples were collected and analyzed during the covered reporting period by the permitted MS4 or on behalf of the permitted MS4, please complete Part D – Water Sample(s) Analysis.

Part D – WATER SAMPLE(S) ANALYSIS

PARAMETER OR INDICATOR	FREQUENCY	RESULT	DRY WEATHER SAMPLE?	WET WEATHER SAMPLE?
too many to list, see attached sheets	quarterly	see attached sheet	☐ Yes ☑ No	☑ Yes ☐ No
too many to list, see attached sheets	quarterly	see attached sheet	☐ Yes ☑ No	☑ Yes ☐ No
too many to list, see attached sheets	quarterly	see attached sheet	☐ Yes ☑ No	☑ Yes ☐ No
too many to list, see attached sheets	quarterly	see attached sheet	☐ Yes ☑ No	☑ Yes ☐ No
too many to list, see attached sheets	quarterly	see attached sheet	☐ Yes ☑ No	☑ Yes ☐ No
too many to list, see attached sheets	quarterly	see attached sheet	☐ Yes ☑ No	☑ Yes ☐ No
too many to list, see attached sheets	quarterly	see attached sheet	☐ Yes ☑ No	☑ Yes ☐ No
too many to list, see attached sheets	quarterly	see attached sheet	☐ Yes ☑ No	☑ Yes ☐ No

1. Are any of the parameters being sampled due to the MS4 being subject to an established or approved Total Maximum Daily Load?
☐ Yes ☑ No
If yes, please indicate the parameter/pollutant.

2. Does the data support water quality attainment or support trend data toward water quality attainment?
☑ Yes ☐ No
If yes, please describe.

We hesitantly say yes to this question. Unfortunately by looking at the numbers over a period of 8 or 9 years there does not really seem to be a drastic downward trend. There are some pretty high spikes and some really low lows and at best, the lows appear to out number the spikes.

Part E – TOTAL MAXIMUM DAILY LOAD (TMDL) ASSUMPTIONS AND REQUIREMENTS ATTAINMENT PLAN

1. Is your MS4 subject to an established or approved TMDL? If no, please indicate "No" below and do not complete any other portion of the TMDL Assumptions and Requirements Attainment Plan portion of this report.

☐ Yes ☑ No

2. Has your TMDL Assumptions and Requirements Attainment Plan been completed and submitted? If no, please provide a summary as an attachment on the progress toward submitting and implementing the TMDL Assumptions and Requirements Attainment Plan.

☐ Yes ☐ No

3. Has your TMDL Assumptions and Requirements Attainment Plan received approval from the department? If yes, please provided a summary of the status of the plan and include implementation status of identified best management practices and measurable goals along with any changes to best management practices or measurable goals (if applicable)..

☐ Yes ☐ No

4. Does the TMDL Assumptions and Requirements Attainment Plan incorporate Integrated Planning? If yes, please provide a summary of the status of the Integrated Plan.

☐ Yes ☐ No

PART F – SUBMIT REPORT TO:

Missouri Department of Natural Resources
Water Protection Program
MS4 Program Coordinator
P.O. Box 176
Jefferson City, MO 65102-0176

PART G - 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 gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

SIGNATURE OR PERMITTEE (LEGALLY RESPONSIBLE PERSON)	DATE SIGNED
D. S. NEWELL	2-26-19
NAME (PRINTED OR TYPED)	TITLE
DANNY NEWELL	PUBLIC WORKS INSPECTOR

MO 780-1846 (10-16)

MISSOURI DEPARTMENT OF NATURAL RESOURCES
WATER PROTECTION PROGRAM

STORM WATER ANNUAL REPORT – SMALL MS4 PERMITS ADDENDUM - WATER QUALITY PROGRAM ASSESSMENT (MUNICIPAL SEPARATE STORM SEWER SYSTEMS)

INSTRUCTIONS

You are not required to complete this ADDENDUM. However, the Department of Natural Resources strongly recommends this form as a way to satisfy Section 2b of the Small MS4 Annual Report, or at a minimum thoroughly address the items included in this addendum.

The purpose of this report is to contribute information to an evaluation of the National Pollutant Discharge Elimination System, or NPDES, small municipal separate storm sewer system (MS4) permit program. Consistent with Missouri storm water regulations 10 CSR 20-6.200 and federal regulations 40 CFR §9, 122, 123, 124 the Department is evaluating the status of your program. A "no" answer to a question does not necessarily mean noncompliance with your permit or with the state and federal regulations. In order to establish the range of variability in the program, it is necessary to ask questions along a fairly broad performance continuum. The Department of Natural Resources may use some of this information as one component of compliance evaluation.

A. WATER QUALITY PRIORITIES

1. Does your MS4 discharge to waters listed as impaired on Missouri's most recently approved 303(d) list or to waters for which a TMDL has been approved by EPA and is currently in effect? For more information visit www.dnr.mo.gov/env/wpp/waterquality/303d.htm.
   ☐ Yes ☑ No

2. If yes, identify each impaired water, the impairment(s), whether a TMDL has been approved by EPA for each, and whether the TMDL identifies your MS4 as a source of the impairment.

Impaired Water	Impairment	Approved TMDL	MS4 Assigned to WLA
above link to 303d list is invalid		☐ Yes ☐ No	☐ Yes ☐ No
		☐ Yes ☐ No	☐ Yes ☐ No
		☐ Yes ☐ No	☐ Yes ☐ No
		☐ Yes ☐ No	☐ Yes ☐ No

3. What specific sources of these pollutants of concern are you targeting? n/a

4. Do you have discharges to any Wild and Scenic Riverways, drainages thereto, or Outstanding State Resource Waters? (a list of these waters can be found in 10 CSR 20-7.031 tables D and E).
   ☐ Yes ☑ No

5. Are you implementing additional specific provisions to ensure their continued integrity?
   ☐ Yes ☑ No

B. PUBLIC EDUCATION AND PUBLIC PARTICIPATION

1. Is your public education program targeting specific pollutants and sources of those pollutants?
   ☑ Yes ☐ No

2. If yes, which of the following pollutants did your public education program target this reporting period?

☑ Suspended Solids	☑ Pesticides	☐ Temperature
☑ Nutrients/Fertilizers	☑ Oils and Greases	☐ Other
☐ Chlorides	☐ Polycyclic Aromatic Hydrocarbons (PAHs)	

3. What sources of pollution did you target for these pollutants (for education) this reporting period? All the above pollutants marked, pollution in general

4. Note specific successful outcome(s) (e.g., quantified reduction in fertilizer use; NOT tasks, events, publications) fully or partially attributable to your public education program during this reporting period.
   unknown at this time

5. Do you have an advisory committee or other body comprised of the public and other stakeholders that provides regular input on your storm water program?
   ☑ Yes ☐ No

C. CONSTRUCTION

1. Do you have an ordinance or adopted policies stipulating:
   a. Erosion and sediment control requirements?
      ☑ Yes ☐ No
   b. Other construction waste control requirements?
      ☑ Yes ☐ No
   c. Requirement to submit construction plans for review?
      ☑ Yes ☐ No
   d. MS4 inspection authority?
      ☑ Yes ☐ No
   e. MS4 enforcement authority?
      ☑ Yes ☐ No

C. CONSTRUCTION (CONTINUED)

2. Do you have written procedures for:
   a. Reviewing construction plans that include erosion and sediment control?
      ☑ Yes ☐ No
   b. Performing erosion and sediment control inspections?
      ☑ Yes ☐ No
   c. Responding to erosion and sediment control violations?
      ☑ Yes ☐ No

3. Identify the number of active construction sites ≥ 1 acre in operation in your jurisdiction at any time during the reporting period.
   Non-municipal Municipal 44

4. How many of the sites identified in # 3 did you inspect this reporting period?
   Non-municipal Municipal all

5. Describe, on average, the frequency with which your program conducts construction site inspections.
   Non-municipal Municipal daily / yearly

6. Do you prioritize certain construction sites for more frequent inspections? ☑ Yes ☐ No
   If Yes, based on what criteria? sites with history of past or current issues. Sites that are more active.

7. Do you require development of a storm water pollution prevention plan, or SWPPP, for construction activities, and ensure standards comply with NPDES Phase II requirements?
   ☑ Yes ☐ No

8. Do your municipal projects comply with state and local requirements for erosion and sediment control?
   ☑ Yes ☐ No

9. Identify which of the following types of enforcement actions you used during the reporting period for construction activities; indicate the number of actions or note those for which you do not have authority:

☑ Yes	Notice of Violation	# 22	No Authority ☐
☐ Yes	Administrative Fines	#	No Authority ☑
☐ Yes	Stop Work Orders	#	No Authority ☐
☐ Yes	Civil Penalties	#	No Authority ☐
☐ Yes	Criminal Actions	#	No Authority ☑
☐ Yes	Administrative Orders	#	No Authority ☐
☑ Yes	Other _____	# 9	

10. Do you use an electronic tool (e.g., GIS, data base, spreadsheet) to track the locations, inspection results and enforcement actions of active construction sites in your jurisdiction?
    ☑ Yes ☐ No

11. What are the three most common types of violations documented during this reporting period?
    a. BMPs not being maintained in effective condition
    b. track out from project
    c. impropper use/installation of BMP

12. How often do municipal employees receive training about the construction program? 3 training sessions in 2018 August, September, October

D. ILLICIT DISCHARGE ELIMINATION

1. Have you completed a map of all outfalls and receiving waters of your storm sewer system?
   ☑ Yes ☐ No

2. Have you completed a map of all storm drain pipes of your storm sewer system?
   ☑ Yes ☐ No

3. Identify the number of outfalls in your storm sewer system. 52

4. Do you have documented procedures, including frequency, for screening outfalls and open conveyances?
   ☑ Yes ☐ No

5. Of the outfalls identified in # 3, how many have been screened for dry weather discharges at any time since you obtained MS4 permit coverage? all

6. What is your frequency for screening outfalls for illicit discharges?
   a. Describe any variation based on size/type. all are inspected once annually, any with issues are inspected more often

7. Describe your approach to screening open conveyances for illicit discharges. visual inspection, looking for sign of current or past issues, oder

8. Do you have an ordinance or other regulatory mechanism that effectively prohibits illicit discharges?
   ☑ Yes ☐ No

9. Do you have an ordinance or other regulatory mechanism that provides authority for you to take enforcement action or recover costs for addressing illicit discharges?
   ☑ Yes ☐ No

D. ILLICIT DISCHARGE ELIMINATION (CONTINUED)

10. During this reporting period, how many illicit discharges or illegal connections have you discovered? 13

11. Of those illicit discharges and illegal connections discovered or reported, how many have been eliminated? 10. 3 are recent discoveries still being addressed

12. How often do municipal employees receive training about the illicit discharge program? 3 training sessions in 2018 Aug., Sept., Oct. Goal twice yearly

E. STORM WATER MANAGEMENT FOR MUNICIPAL OPERATIONS

1. Have storm water pollution prevention plans (or an equivalent plan) been developed for:
   a. All public parks, ball fields, other recreational facilities and other open spaces.
      ☑ Yes ☐ No
   b. All municipal construction activities, including those disturbing less than 1 acre.
      ☑ Yes ☐ No
   c. All municipal turf grass/landscape management activities.
      ☑ Yes ☐ No
   d. All municipal vehicle fueling, operation and maintenance activities.
      ☑ Yes ☐ No
   e. All public works, parks and other municipal maintenance yards.
      ☑ Yes ☐ No
   f. All municipal waste handling and disposal areas.
      ☑ Yes ☐ No
   g. Other municipal operations.
      ☑ Yes ☐ No

2. Are storm water inspections conducted at these facilities?
   ☑ Yes ☐ No

3. If Yes, at what frequency are inspections conducted? annually unless issues are found then inspected more often.

4. List activities for which operating procedures or management practices specific to storm water management have been developed? (such as road repairs, catch basin cleaning, landscape management, etc.)
   ☐ Yes ☐ No stormwater system maintenance, snow removal and repair of roads, maintenance of vehicles, etc.

5. Do you prioritize certain municipal activities or facilities for more frequent inspections?
   ☑ Yes ☐ No
   a. If Yes, at what frequency are inspections conducted? inspections annually. Ones with issues more often. Problems addressed daily if needed

6. On average, how frequently are catch basins and other inline treatment systems inspected? Once every permit cycle according to maintenance map

7. Do all municipal employees overseeing planning and implementation of storm water-related activities receive comprehensive training about storm water management?
   ☑ Yes ☐ No

8. If yes, do you also provide regular updates and refreshers?
   ☑ Yes ☐ No
   a. If so, how frequently or under what circumstances? 3 times 2018. Goal is twice yearly

9. How often do other municipal employees and contractors performing duties that can impact storm water receive training about storm water management?

F. NEW AND REDEVELOPMENT (POST-CONSTRUCTION) STORM WATER MEASURES

1. Do you have ordinances or other mechanisms to require:
   a. Pre-site design meetings with developers?
      ■ Yes ☐ No
   b. Site plan reviews for storm water quality of all new and re-development projects of an acre or more?
      ☐ Yes ☑ No
   c. Reasonable mimicking of pre-construction storm water runoff quality in all new development projects of an acre or more?
      ☑ Yes ☐ No
   d. An incremental improvement of existing storm water runoff quality in redevelopment projects of an acre or more?
      ☐ Yes ☑ No
   e. Long-term operation and maintenance of storm water management controls?
      ☑ Yes ☐ No
   f. Retrofitting to incorporate long-term storm water management controls?
      ☐ Yes ☑ No

2. If you have retrofit requirements, what are the circumstances or criteria? n/a

3. What are your criteria for determining which new/re-development storm water plans you will review for water quality? (such as all projects, projects disturbing greater than one acre, etc.) all projects disturbing one acre or greater

4. Do your ordinance(s) or other regulatory mechanism(s) allow for:
   a. Non-structural site design options to allow for optimal water quality management in long-term storm water runoff? (such as minimized/disconnected impervious surfaces, cluster housing in exchange for green space, resource protection boundaries, etc.)
      ☑ Yes ☐ No
   b. Structural contemporary, dispersed micro-infiltration/filtration practices such as grassed swales, sand filters, neighborhood roundabouts with rain gardens, etc.?
      ☑ Yes ☐ No

F. NEW AND REDEVELOPMENT (POST-CONSTRUCTION) STORM WATER MEASURES (CONTINUED)

5. Do you require water quality design standards or performance standards, either directly or by reference, be met for new development and re-development?
   ☐ Yes ☑ No

6. Do these design standards/performance measures require pre-construction runoff conditions in new development be met for:
   a. Flow volumes.
      ☐ Yes ☑ No
   b. Peak discharge rates.
      ☐ Yes ☑ No
   c. Discharge frequency.
      ☐ Yes ☑ No
   d. Flow duration.
      ☐ Yes ☑ No
   e. Water quality.
      ☐ Yes ☑ No

7. Please provide the Web address/reference where all post-construction storm water management standards are located.

8. Do your zoning bylaws, ordinances or other regulatory processes allow or enable:
   a. Flexible site design criteria such as smaller lot sizes, reduced setbacks and narrow streets in exchange for functional green space and optimal water quality management in storm water runoff.
      ☑ Yes ☐ No
   b. Established regulatory controls over tree clearance and removal of mature trees or forest stands?
      ☐ Yes ☑ No
   c. Green space residential developments (cluster development or conservation subdivision design)?
      ☑ Yes ☐ No
   d. The location of bioretention areas, rain gardens, filters strips, swales and constructed wetlands in required setback areas?
      ☐ Yes ☑ No
   e. Construction of low impact development, or LID, storm water management techniques (bioretention, swales, filter strips) on land held in common (when appropriate)?
      ☑ Yes ☐ No
   f. Use of permeable paving for parking stalls and spillover parking areas?
      ☑ Yes ☐ No
   g. Limited clearing within the right-of-way to the minimum necessary to construct roadway, drainage, sidewalk and utilities, and to maintain site lines?
      ☑ Yes ☐ No

9. Does your review and approval process include using a water quality checklist?
   ☐ Yes ☑ No

10. If yes to # 9, please check all of the following checklist items that apply:
    a. Existing and proposed mapping and plans (recommended scale of 1" = 50'.) which illustrate:
       1. Existing and proposed topography (minimum of 2-foot contours recommended).
          ☐ Yes ☐ No
       2. Compatibility with watershed plans, land use plans, comprehensive plans, (contemporary street standards) etc.
          ☐ Yes ☐ No
       3. Perennial and intermittent streams.
          ☐ Yes ☐ No
       4. Mapping of predominant soils from USDA soil surveys as well as location of any site-specific borehole investigations that may have been performed.
          ☐ Yes ☐ No
       5. Boundaries of existing predominant vegetation and proposed limits of clearing.
          ☐ Yes ☐ No
       6. Location and boundaries of resource protection areas such as wetlands, lakes, ponds and other setbacks (e.g., stream buffers, drinking water well setbacks, septic setbacks).
          ☐ Yes ☐ No
       7. Grading plan with location of existing and proposed roads, buildings and other structures.
          ☐ Yes ☐ No
       8. Location of existing and proposed utilities (e.g., water, sewer, gas, electric) and easements.
          ☐ Yes ☐ No
       9. Location of existing and proposed conveyance systems such as grass channels, swales and storm drains.
          ☐ Yes ☐ No
       10. Flow paths.
          ☐ Yes ☐ No
       11. Location of floodplain/floodway limits and relationship of site to upstream and downstream properties and drainages.
          ☐ Yes ☐ No
       12. Location and dimensions of proposed channel modifications, such as bridge or culvert crossings.
          ☐ Yes ☐ No
       13. Location, size, maintenance access and limits of disturbance of proposed structural storm water management practices.
          ☐ Yes ☐ No

F. NEW AND REDEVELOPMENT (POST-CONSTRUCTION) STORM WATER MEASURES (CONTINUED)

14. Location of proposed community recreation/green space areas.
☐ Yes ☐ No

15. Functional landscape plan.
☐ Yes ☐ No

b. Narrative and supporting calculations describing:

1. Representative low-impact development techniques (with supporting evidence that technique is compatible with site characteristics) such as on-lot bioretention, tree clearing minimization, minimizing directly connected impervious surfaces, open section roads (also called roadside swales), etc.
☐ Yes ☐ No

2. Zoning, acreage, types and amounts of land uses. (e.g., parking spaces, density, green areas, building footprint areas)
☐ Yes ☐ No

3. Traffic analysis estimating average daily trips for street network and parking requirements.
☐ Yes ☐ No

4. Site impervious area (including effective disconnections).
☐ Yes ☐ No

5. Reforestation and/or resource conservation protection measures.
☐ Yes ☐ No

6. Comparison of proposed development data with allowable density, land use, etc.
☐ Yes ☐ No

7. Development phasing or implementation sequence.
☐ Yes ☐ No

8. Other?

11. How many development and redevelopment project plans were reviewed during the reporting period to assess impacts to water quality and receiving stream protection?
of the 12 new development sites, all were required to submit SWPPP for review which address potential and real issues that might arise.

12. How many of the plans identified in # 11 were approved? 12

13. How many privately owned permanent storm water management practices/facilities were inspected during the reporting period? 6

14. How many of the practices/facilities identified in # 13 were found to have inadequate maintenance? All. The city will assist with major clean if needed.

15. How long do you give operators to remedy any operation and maintenance deficiencies identified during inspections? 2 to 4 weeks.

16. Do you have authority to take enforcement action for failure to properly operate or maintain storm water management practices/facilities? ☑ Yes ☐ No

17. How many formal enforcement actions (i.e., more than a verbal or written warning) were taken for failure to adequately operate or maintain storm water management practices/facilities? 0

18. Do you use an electronic tool (e.g., GIS, database, spreadsheet) to track post-construction BMPs, inspections and maintenance? ☑ Yes ☐ No

19. Do all municipal departments or staff (as relevant) have access to this tracking system? ☑ Yes ☐ No

20. How often do municipal employees receive training about the post-construction program? 3 times in 2018. goal is 3 to 4 times annually

G. PROGRAM RESOURCES

1. What was the annual expenditure to implement MS4 NPDES permit requirements this reporting period? $22,685 (2017) - $35,600 (2018)

2. What is next year's budget for implementing the requirements of your MS4 NPDES permit and SWMP? $41,100

3. This year what is your source(s) of funding for the storm water program and annual revenue (amount or percentage) derived from each? General Fund Revenue

Source: General Fund Revenue	Amount $: 30,000	OR %: 72
Source: Int.	Amount $: 1,500	OR %: 4
Source: Review Reimbursement	Amount $: 10,000	OR %: 24

4. How many full time equivalent employees does your municipality devote to the storm water program (specifically for implementing the storm water program versus municipal employees with other primary responsibilities)?

5. Do you share program implementation responsibilities with any other entities?
☐ Yes ☑ No

Entity:	Activity/Task/Responsibility:	Your Oversight/Accountability Mechanism:
Entity:	Activity/Task/Responsibility:	Your Oversight/Accountability Mechanism:
Entity:	Activity/Task/Responsibility:	Your Oversight/Accountability Mechanism:

H. EVALUATING AND MEASURING PROGRESS

1. What indicators do you use to evaluate the overall effectiveness of your storm water management program? How long have you been tracking them and at what frequency? These are not measurable goals for individual management practices or tasks, but large-scale or long-term metrics for the overall program, such as in-stream macroinvertebrate community indices, measures of effective impervious cover in the watershed, indicators of in-stream hydrologic stability, etc.

Indicator	Began Tracking (year)	Frequency	Number of Locations
Example: E. coli	2003	Weekly April–September	20
Total Nitrogen	prior to 2011	quarterly (4 time yearly)	3
Total Phosphorus	prior to 2011	quarterly (4 time yearly)	3
Chloride	prior to 2011	quarterly (4 time yearly)	3
Specific Conductivity	prior to 2011	quarterly (4 time yearly)	3
Total Suspended Solids and ph	prior to 2011	quarterly (4 time yearly)	3

2. What environmental quality trends have you documented over the duration of your storm water program? Reports or summaries can be attached electronically, or provide the Web address where they are located. see attached