

Kentucky Division of Water

2018 GENERAL PERMIT ANNUAL COMPLIANCE REPORT

Phase II Stormwater MS4
Kentucky Division of Water

For questions regarding this form, contact:

Abigail Rains

ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL
PROTECTION

Division of Water

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Phone: (502) 782-7044

NOTE:

- In order to comply with KPDES SMS4 permits, annual reports must be submitted to the Kentucky Division of Water.
- **Please type or print in ink.**
- Please answer all questions **thoroughly** and return the form by the due date.
- Return this form and any required addenda to the KDOW MS4 Coordinator at the address listed in the box on the upper-right.
- **Due April 15, 2019.**

**REPORTING
YEAR**
(Check one)

☐ 2016

☐ 2017

☒ 2018

PART A: GENERAL INFORMATION – MS4 OPERATOR

1. Report Completed

By:

City of Cold Spring, Kentucky

(MS4 Operator — i.e., name of permit holder)

2. Permit Number: **K Y G 2 0 0 0 5 5** AI # **119607** 4. Population **6,370**

5. Mailing Address

Street Address: 5694 East Alexandria Pike, Cold Spring, Kentucky 41076

x City

☐ County

☐ Other

of:

Cold Spring

Zip: 41076

County: Campbell

PART B: GENERAL INFORMATION – CONTACT PERSON

6. Contact Person Name (please print): D. Angelo Penque

7. Contact Person Title:

Mayor

8. Phone Number:

(859) 441-9604

9. Facsimile Number (if applicable):

(859) 441-4640

10. E-mail Address (if applicable):

angelo.p@coldspringky.gov

PART C: CONTROL MEASURE ACTIVITIES

11. For the following items, please provide a summary of control measure activities related to sMS4 performed during the previous year. List any updated measurable goals from the Stormwater Quality Management Plan (SWQMP), compliance activities, Best Management Practices (BMP) installed or initiated, and updated or developed regulatory mechanisms with effective dates.

A. Public Education and Outreach:

Describe your public education/outreach efforts during 2018: 1. TAC meeting, September 13, 2018; 2. The City along with consultant Bayer Becker Inc., maintains the city's website with public education and outreach information; 3. During 2018 Cold Spring expanded its website adding more stormwater information. Bayer Becker continues to review, revise, update stormwater documents and pages on the City of Cold Spring, website; 4. The city of Cold Spring published two stormwater articles that were included in the City of Cold Spring newsletter that was mailed to each of the 6,370 (100%) residents, as well as business owners; 5. SWQMP fact sheets were reviewed but no revisions made; 6. The City of Cold Spring continued to utilize televised city council meetings, TAC/SWAC meetings, website, documents, stormwater hotline, fact sheets and newsletter articles during 2018.

Are public education/outreach efforts targeted towards a pollutant of concern or local waterbody or a particular segment of the population?

Currently, Cold Spring is not aware of a specific problem pollutant or problem waterbody in the community. Cold Spring takes a comprehensive approach to educate the community related to water quality, including educational information about chemicals, use of herbicides/pesticides, water conservation, yard waste disposal, recycling of wastes and construction site erosion/management. The effort/focus is to educate the community at large all residents and businesses.

What is your budget for MCM #1? For the year 2018 Cold Spring budgets \$11,300 for postage and mailing services, books, subscriptions/references and conference meetings/education.

Please attach documentation of any public education/outreach activities held in 2018: See attached articles

B. Public Involvement and Participation:

Describe any events or activities facilitated by or sponsored by the MS4 in 2018:

How can the public find information about the SWQMP?

What is your budget for MCM #2?

Please attach documentation of any public involvement/participation events held in 2018.

C. Illicit Discharge Detection and Elimination:

Did you have any reported/discovered illicit discharges for 2018? If so, describe the incident and the elimination. No.

How can the public notify the MS4 of spills or illicit discharges? by calling the City's stormwater hotline, (859) 441-6863; by calling the Campbell County Fire Department, the Cities Public Works or Police Department, contact through the City's website, calling 911, calling non emergency dispatch, (859) 292-3622

Do you have a written IDDE Plan in place? Yes

Have you completed the mapping of major outfalls? Have you begun to complete the new mapping requirement from the latest iteration of the Phase II General MS4 Permit? Yes

Have you dry-screened your major outfalls? Yes

What is your budget for MCM #3? The stormwater program is operated within the revenue structure of approximately \$247,000 annually. The City is able to provide all permit compliance, along with mapping and other infrastructure. In addition to, the city is able to, while not part of the permit, also fund stormwater infrastructure, i.e. catch basins, etc..

Please attach documentation of any illicit discharge detection and eliminations resolved in 2018. There were none.

D. Construction Site Stormwater Run-off Control:

Are you permitting land disturbances for one acre or larger, or smaller than one acre if part of a larger common plan of development or sale? **Please attach a copy of the permit used by the MS4.** Cold spring does not have a specific permit, but rather BMP are set forth in each specific development plan and are kept installed until development is complete and/or stabilized. Each plan is specific to each site, with BMP's adopted specifically for each site.

How many permits were issued by the MS4 in 2018? Two.

Does the MS4 or its designee perform plan reviews for land disturbances for one acre or larger, or smaller than one acre if part of a larger common plan of development or sale? Of not, who does? Is there a standardized form that is used to review plans? **Please attach a copy of the form used to review plans.**

Yes, all development over one acre, or even if under one acre, but originally part of a larger development, is reviewed by Bayer Becker, with a stormwater plan, including pre and post construction requirements.

At what frequency are inspections occurring at active construction sites? **Please attach a copy of the Inspection Form used by the MS4.**

Weekly and post storm inspection within 24 hours of rainfall more than ½ inch. With the Public Works Director becoming KESPC certified, he is developing an inspection form.

How many inspections in 2018 resulted in enforcement actions? Fines collected? There were no citations or fines issued, there were a couple of occasions, on one of the two permits issued for 2018, during which inspections found BMP's were not be followed and developer was told to stop work until remedied.

Describe any training given to operators/contractors in 2018? None, but as part of the two permits, the developers/engineers are in contact with City staff and/or Bayer Becker regarding compliance.

What is your budget for MCM #4? The stormwater program is operated within the revenue structure of approximately \$247,000 annually. The City is able to provide all permit compliance, along with mapping and other infrastructure. In addition to, the city is able to, while not part of the permit, also fund stormwater infrastructure, i.e. catch basins, etc.. In addition to, charges are issued to developers for permit review/inspection.

Please attach documentation of any construction site stormwater runoff events or outreach occurring in 2018 including, None

E. Post-construction Stormwater Management in New Development and Redevelopment:

Describe how the MS4 is implementing the post-construction stormwater management in new development or redevelopment requirements in your MS4; including the 80% stormwater treatment standard.

The City of Cold Spring in November 2018 adopted a new SWQMP which outlines actions to be taken including, but not limited to, review of subdivision regulations and BMP manuals. The specifics are set forth in 4.5 of the SWQMP adopted in November 2018. The city in 2019 will begin revisions to applicable ordinances and regulations consistent therewith.

MS4 staff must be trained in the fundamentals of long-term stormwater-quality treatment management practices and in how to review such practices on construction plans and how to inspect practices for long-term protection, operation and maintenance. Please describe the training of staff in 2018.

The public works department, Ron Hitch director and Derrick Kells, both have attended KESPC training and are certified. Also, Ron Hitch attended the quarterly meeting through KDOW and the city intends to continue sending its public works director. The KESPC training involved both how to review and inspect construction, but also to insure long term operation.

Is the MS4 requiring long-term maintenance agreements for new development and redevelopment projects? **Please attach a copy of the long-term maintenance agreement being implemented.** None adopted, yet, pursuant to the November 2018 SWQMP the city is intends to adopt a long term maintenances agreement documents for developments.

What is your budget for MCM #5? The stormwater program is operated within the revenue structure of approximately \$247,000 annually. The City is able to provide all permit compliance, along with mapping and other infrastructure. In addition to, the city is able to, while not part of the permit, also fund stormwater infrastructure, i.e. catch basins, etc..

Please attach documentation of any post-construction site stormwater runoff events or outreach occurring in 2018.
None.

F. Pollution Prevention and Good Housekeeping for Municipal Operations:

The permittee must develop and implement an Operation and Maintenance (O & M) program that includes a training component with the goal of preventing or reducing pollutant runoff from municipal operations. Please describe the progress the Pollution Prevention/Good Housekeeping Program has made in 2018.

The Public Works directors created a monthly inspection program for all fuel and waste oil storage, all materiel bins are also checked for runoff. All equipment with a hydraulic or fuel tank is also checked to insure no leaks. All visible drains leaving building are also checked. All chemical spray is kept in a cabinet and no excess ever remains stored in spray equipment

Has a comprehensive assessment of the pollutant discharge potential for all municipally-owned facilities been conducted? If not, indicate a status and planned completion date. Yes.

Is the Operation and Maintenance Program/Plan formalized or written? Yes, it is monthly inspection form

Describe any training presented to city staff on pollution prevention/good housekeeping in 2018. Watershed class in Lexington Kentucky, the Public Works Director and another employee attended.

What is your budget for MCM #6?

As set forth above, the total stormwater budget for Cold Spring is \$247,000. In addition to his amount, the internal municipal operations addressed above, are handled by employees in the public works department, paid out of general fund dollars, which would be in addition to the stormwater budget of \$247,000.

Please attach documentation of any pollution prevention/good housekeeping events or outreach occurring in 2018, including training events. None.

A large, empty rectangular box with a thin black border, occupying the majority of the page. It is intended for miscellaneous information related to the Phase II MS4 report.

Provide any data regarding the following indicators (if applicable). Attach separate sheets as necessary, and indicate, as appropriate, the rationale behind not using a listed indicator.

- a) Number or percentage of citizens that aware of storm water quality issues, No specific data
- b) Number and description of meetings, training sessions, and events conducted to involve citizens
- c) Number or percentage of citizens that participate in storm water quality improvement projects
- d) Number and location of storm drains marked, 385 markers have been deployed, every curb inlet in the city is marked to advise to keep the stormwater system clean
- e) Estimated linear feet or percentage of MS4 conveyances mapped, 90% of all conveyances have been mapped.
- f) Number and location of MS4 area outfalls mapped, all are marked and mapped, there are nine outfalls total.
- g) Number and location of MS4 area outfalls screened for illicit discharges, as per permit 3 of the nine outfalls were dry inspected
- h) Number and location of illicit discharges detected, none
- i) Number and location of illicit discharges eliminated, none detected so none to eliminate
- j) Number of, and amount of material collected from, hazardous household waste (HHW) collections, none, since none detected
- k) Number and location of citizen drop-off centers for automotive fluids, none, the County does a clean up.
- l) Number or percentage of citizens that participate in HHW collections, none
- m) Number of construction sites permitted for storm water quality, two in 2018
- n) Number of construction sites inspected, two in 2018
- o) Number and type of enforcement actions taken against construction site operators, stop work orders issued until in compliance There were no enforcement actions taken and or stop work orders issued/required for the 2018 period.
- p) Number of public informational requests received related to construction sites, none
- q) Number, type, and location of structural BMPs implemented, one location has a small detention basin, the other site is still under construction

13. Stormwater Quality Management Plan

a.) Have there been any changes to the urbanized area covered by the MS4? If yes, is this reflected by updates to the SWQMP?
No.

b) Are there any proposed changes to the goals or BMPs in the SWQMP? No.

14. Discuss any problems encountered during this period (include any BMP changes in response to problems encountered).

No problems were encountered, other than the couple issues during construction on one of the two permits, both of which occurred after extreme rainfall

15. Identify any new funding source(s) for implementing this permit.

None, but the current budget of \$247,000 provides not only for permitting, but also monies for construction/repair of storm infrastructure.

16. Provide a summary of complaints received and the follow-up actions taken in reference to storm water quality issues.

No stormwater quality complaints, the only complaints the City received involve quantify, which were less than three.

17. Implementation status:

a. Are the six minimum control measures being implemented within the compliance schedule and SWQMP timetables?

XX Yes ☐ No*

* If no, submit revised compliance schedule and SWQMP Timetables.

b. Do you foresee any problems which may affect full implementation of all the measures?

☐ Yes ☐ No*

* If yes, explain:

18. Do you have any impaired streams? If so, impaired for what pollutant?

No.

19. TMDL – Do you have a TMDL in your MS4? For which stream segments? What is the impairment?

No.

20. What can the Division of Water do to assist you with program compliance?

Just continue to be available for consult and guidance, as Ms. Rains has been since Cold Spring first started its MS4 program

PART E: CERTIFICATION AND SIGNATURE

► The individual completing this report, listed in "PART A: GENERAL INFORMATION – MS4 OPERATOR" must sign the following certification statement:

"By signing this annual report, I hereby 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."

Type or Print Name: D. Angelo Penque

Signature: 

Date: 4/25/2019
(mm/dd/year)