City of
Steamboat Springs
Public Works

STORMWATER ANNUAL REPORT
Municipal Separate Storm Sewer Systems (MS4s) Permit, COR-090000 - Renewal Permittees

March 6, 2014

COLORADO DEPT. OF PUBLIC HEALTH & ENVIRONMENT
Water Quality Control Division
WQCD-P-B2
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

To Whom It May Concern:

Enclosed you will find the completed 2013 Stormwater Annual Report (for reporting period January 1, 2013 to December 31,2013) – Municipal Separate Storm Sewer System (MS4) for the City of Steamboat Springs. This is to comply with Permit #COR-090087, issued to the City of Steamboat Springs.

Should you have any questions, comments or concerns please call me at **970-871-8293.**

Sincerely,

Ben Beall, P.E. CFM
City Engineer
City of Steamboat Springs
P.O. Box 775088
Steamboat Springs, Co. 80477

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IMPORTANT CHANGES TO THE REPORT FORM AND REPORTING REQUIREMENTS:

This annual report form includes requests for additional information and clarifies information required under the previous annual report form. The changes are described below:

- Part 1: This form will be used for reporting years 2010 – 2013.

- Part 3: Program Area 5
  - For permanent water quality BMPs, the permittee must report the number of all new BMPs, per the following:
    - For the row under "**NEW BMPS - Summary Information for the Year**," the MS4 permittee must provide the total number of individual permanent water quality BMPs implemented during the reporting period. "Implemented" means that the BMPs were constructed, are operating, and have been included in the permittee's long long-term operation and maintenance portion of the Post-Construction program (Part 1.B.5.a. of the MS4 general permit).
  - For permanent water quality BMPs, the permittee must now report numbers for all BMPs per the following:
    - For the row under "**ALL EXISTING BMPS - Summary Information for all BMPs**," the MS4 permittee must provide the total number of individual permanent water quality BMPs implemented since the permittee began full implementation of its Post Construction program (on or before March 9, 2008, in accordance with measurable goals from the previous permit term). This is the total number of BMP structures being tracked for the Post-Construction program. Note that the option to report based on the number of sites has been removed.
    - For the rows under "**INSPECTIONS**," the MS4 permittee must provide the total number of individual BMPs inspected, in addition to the total number of BMP inspections conducted. The total number of BMP inspections conducted may include multiple inspections per individual BMP (e.g., routine, follow-up , enforcement inspection, etc). See the example below. The number of BMPs inspected will be compared to the total number reported under "**ALL EXISTING BMPs**" as an indicator of the MS4 permittee's level of oversight for this program area. The number of BMP inspections provides an overall indication of inspection activity for this program area. Inspections reported in the following two rows are those completed by the MS4 permittee or authorized agent. For Post-Construction programs that allow owners to self-inspect BMPs and the MS4 permittee to "spot check", only the oversight inspections completed by the MS4 permittee or their authorized agent are to be reported on the annual report.

"BMPs Inspected" versus "BMP Inspections" Example:

An MS4 permittee has one proprietary BMP, one water quality pond and two sand filters for a total of **4** BMPs in the Post-Construction program. In this example, the proprietary BMP had a routine inspection quarterly. The water quality pond had one routine inspection and one follow up inspection. One sand filter was inspected once and the other sand filter was not inspected during the reporting year. For the "Number of BMPs Inspected", the answer is **3**. For the Number of BMP Inspections, the answer is **7**.

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Each part of this form (1 through 7) must be completed and the certification in Part 2 must be signed by the legally responsible person. One original copy (no faxes or e-mails) of the completed Annual Report Form, including attachments if required, shall be submitted by March 10th of each year covering January 1 through December 31 of the previous year.

Part I.E.4 of the MS4 permit requires that an Annual Program Review be conducted by the permittee as necessary for the preparation of the Annual Report. The review for each reporting year must be completed prior to the submittal of this form. The annual review shall include:

a) A review of the CDPS Stormwater Management Program compliance status with any schedules and other Measurable Goals established under the Program;
b) An assessment of the effectiveness of controls established by the Program; and
c) An assessment of any program modifications needed.

Part 2 of this form includes a certification by the permittee that their CDPS Stormwater Management Program is being implemented in compliance with the conditions of the permit, which includes completing all program implementation commitments provided in submittals to the Water Quality Control Division to meet permit conditions. If the permittee is not in compliance with the conditions of the permit, a Notification of Noncompliance must be provided in accordance with Part II.B.1 of the permit at the time of, or prior to, the submittal of this form.

PART 1: PERMITTEE INFORMATION

Permittee (Agency name): The City of Steamboat Springs	**Reporting Year (check one)** ☐ Jan 1, 2010 to Dec 31, 2010 ☐ Jan 1, 2011 to Dec 31, 2011 ☐ Jan 1, 2012 to Dec 31, 2012 ☒ Jan 1, 2013 to Dec 31, 2013 (The annual report is due for each reporting year by **March 10 of the following year)**
Mailing Address (☐ check if new): **P.O. Box 775088**	
City, State and Zip Code (☐ check if new): **Steamboat Springs, Co. 80487**	
Contact Person (☐ check if new) **Name: Ben Beall, P.E. CFM** **Phone Number: (970) 871-8293**	
Permit Certification No: COR – 090087	
Have any areas been added to the MS4 due to annexation or other legal means? ☐ YES ☒ NO **If YES, include updated map OR provide the web address for an online map.**	
If permit boundary maps are online, please provide the web site address: http://maps.steamboatsprings.net/Interactivemap/index.html (check "City Limit" in the "Map Contents" dropdown)	

Updated 12/2009

PART 2: ANNUAL REPORT 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."

"I certify that to the best of my knowledge and belief the CDPS Stormwater Management Program is being implemented in accordance with the requirements of COR-090000 OR that a notice addressing the failure to implement the CDPS Stormwater Management Program has been provided in accordance with Part II.B.1 of the permit."

X Debra Hinsvark March 10, 2014

Signature of Permittee* Date Signed

Debra Hinsvark, City Manager

Title of Signatory

*In accordance with the permit, this report shall be signed and certified for accuracy by either a principal executive officer, ranking elected official or other duly authorized employee.

PART 3: INSPECTION AND ENFORCEMENT

In the tables below, provide the number of inspections and actions performed for the following programs for the reporting year.

Program Area 3: Illicit Discharge Detection and Elimination	
Enforcement: Provide the number of enforcement actions performed to address violations of the permittee's Illicit Discharge Detection and Elimination program, by category. If multiple distinct actions were taken as part of an escalation process, count each action separately. Actual numbers must be provided. Do not list "multiple" or "continuous."	**Number of Actions**
Monetary Penalty/Fine (include the number of enforcement actions, not a dollar amount)	0
Written Notification of Violation	3
Verbal Notification of Violation	2
Charge for Cleanup/Remediation (include the number of enforcement actions, not a dollar amount)	0
Other (If a predefined category is not included above for enforcement tool(s) used, provide a description of the tool(s) and associated number(s) of actions below.) 1. 2. 3.	 1. 2. 3.

(add rows as needed)	

Program Area 4: Construction Site Runoff Control	
Actual numbers must be provided. Do not list "multiple" or "continuous,"	**Number of Sites**
Total number of construction sites covered by inspection program during the year. Include each site that was active at any time during the reporting year.	**40**
Inspections: Provide the number of inspections to assess and enforce compliance with the requirements of the permittee's Construction Site Runoff Control program. **Inspections must be divided into the following two categories.**	**Number of Inspections**
Full Level Inspections conducted to assess the adequacy of BMPs and overall site management, performed by an inspector adequately trained to determine compliance with the requirements of the permittee's CDPS Stormwater Management Program.	64
-AND- Reconnaissance/Indicator Inspections conducted to only assess sites for indicators of noncompliance. Reduced Level Inspections do not fully assess the adequacy of BMPs and overall site management and/or are not performed by an inspector adequately trained to determine compliance with the requirements of the MS4 permittee's CDPS Stormwater Management Program. (For Reduced Level Inspections, an estimate of the number of inspections performed is acceptable.)	60
Enforcement: Provide the number of enforcement actions performed to address violations of the permittee's Construction Sites Program, by category. If multiple distinct actions were taken as part of an escalation process, count each action separately.	**Number of Actions**
Monetary Penalty/Fine (include the number of enforcement actions, not a dollar amount)	0
Stop Work Order	0
Written Notification of Violation	4
Verbal Notification of Violation	10
Withholding of Permits (e.g., building permits, tap permits, etc.)	
Work Performed by Permittee or Permittee's Contractor and Responsible Party Charged/Bond Withheld (include the number of enforcement actions, not a dollar amount)	0
Other (If a predefined category is not included above for enforcement tool(s) used, provide a description of the tool(s) and associated number(s) of actions below.) 1. 2. 3. (add rows as needed)	1. 2. 3.

Program Area 5: Post-Construction Stormwater Management	
Actual numbers must be provided. Do not list "multiple" or "continuous,"	
NEW BMPS - Summary Information for the Year: Provide information for the number of BMPs implemented during the reporting period.	**Number of BMPs**
Number of BMPs: Total number of individual permanent water quality BMPs implemented during the reporting period in accordance with permittee's Post-Construction Program.	**8**
ALL EXISTING BMPS - Summary Information for all BMPs since the full implementation of this program area (no later than March 9, 2008). Note, this may include sites with multiple individual BMPs: Provide the total number of BMPs in the permittee's Post-Construction Program.	**Number of BMPs**
Number of BMPs: Total number of individual permanent water quality BMPs implemented in accordance with permittee's Post-Construction Program **since the full implementation of this program area.**	**121**
INSPECTIONS - Summary Information for all BMPs since the full implementation of this program area (no later than March 9, 2008: Provide information for both of the following two rows (*Number of BMPs Inspected* and *Number of BMP inspections*). Inspections reported in the following two rows are those completed by the MS4 permittee or authorized agent.	**Number of BMPs Inspected/ Inspections**
Number of BMPs Inspected: Total number of individual permanent water quality BMP structures inspected to ensure compliance with long term operation and maintenance requirements of the permittee's Post-Construction Program.	**42**
Number of BMP Inspections: Total number of inspections of permanent water quality BMPs to ensure compliance with long term operation and maintenance requirements of the permittee's Post-Construction Program.	**85**
Enforcement: Provide the number of enforcement actions performed to address violations of the permittee's Post-Construction Management program, by category. If multiple distinct actions were taken as part of an escalation process, count each action separately. Include actions associated with installation AND long term operation.	**Number of Actions**
Monetary Penalty/Fine (include the number of enforcement actions, not a dollar amount)	0
Stop Work Order	0
Written Notification of Violation	4
Verbal Notification of Violation	3
Withholding of Permits (e.g., building, tap, occupancy, etc.)	0
Work Performed by Permittee or Permittee's Contractor and Responsible Party/Bond Withheld (include the number of enforcement actions, not a dollar amount)	0
Other (If a category is not included above for enforcement tool(s) used, provide a description of the tool(s) and associated number(s) of actions below.) 1. 2. 3. (add rows as needed)	 1. 2. 3.

PART 4. MEASURABLE GOALS

The permittee must report on all Measurable Goals due in accordance with the due dates provided by the permittee in the previously submitted CDPS Stormwater Management Program Description or subsequent approved program modifications. Measurable Goal due dates cannot be changed below; they must be made in accordance with the permit Part I.E.2.a.

4.A) **Measurable Goals due during the Reporting Year**: Has the permittee completed all measurable goals due during the Reporting Year?

☐ No, one or more Measurable Goals were due, but not completed
(A notice addressing the failure to implement the CDPS Stormwater Management Program must be provided in accordance with Part II.B.1 of the permit)

☒ N/A, no Measurable Goals were due this Reporting Year

☐ Yes, one or more Measurable Goals were due this Reporting Year and completed.
A List of completed measurable goal(s)s must be provided below.

List all measurable goals that were completed during the Reporting Year:

Completed Measurable Goal

4.B) **Future Measurable Goals:** Does the permittee have one or more measureable goals due in future years of the remaining permit term?

☒ No, measureable goals are not due in future years of the remaining permit term.

☐ **Yes,** one or more measureable goals are due in future years of the remaining permit term.
A summary of the measureable goal(s) must be provided below.

Future Measurable Goal	Due Date	Status

PART 5. INFORMATION COLLECTED AND ANALYZED (attachment)

Did the permittee collect and analyze any information during the reporting period, including any water quality monitoring, to assess the success of the program at reducing the discharge of pollutants to the MEP?

☒ No

☐ **Yes**

If you answer yes, a summary of the information collected and analyzed must be attached

PART 6. PROPOSED CHANGES TO CDPS STORMWATER MANAGEMENT PROGRAM (attachment)

Is the permittee proposing any changes and/or additions to the CDPS Stormwater Management Program, including changes to any BMPs or any identified Measurable Goals that apply to the program elements?

☒ No

☐ **Yes .**

If you answer yes, a summary of the change/addition must be attached in accordance with the guidance provided below. For significant changes that involve replacing or deleting an ineffective or infeasible BMP, the summary must include the information required in A through E below, and Part I.E.2.a.2 of the permit.

For the BMPs/Measurable Goals that were previously described in reports or the permit application, provide a summary of any proposed changes and/or additions. BMPs include all program elements implemented to meet the requirements of the permittee's CDPS Stormwater Management Program.

Significant changes that involve replacing or deleting an ineffective or infeasible BMP may require Division review, as outlined in **Part I.E.2.a.2** of the permit. For each change proposed, you must provide:

A) The applicable Program Area;
B) The BMP/Measurable Goal for which a change is being proposed;
C) Any proposed changes to the BMP description;
D) Any proposed changes to the Measurable Goals (including specific dates and numeric measures); and
E) The rationale for the proposed changes.

Note that submittal of a request to change BMPs and/or Measurable Goals must be made prior to the implementation of the change and/or the deadline in the Measurable Goal. If the deadline is before the due date for the Annual Report, the change must be requested independent of the Annual Report submittal.

PART 7. NOTICE OF NEW PROGRAM ELEMENT OPERATION BY A SECOND PARTY (attachment)

Has the permittee's program changed to rely on another government entity to satisfy some of their permit obligations? Answer "yes" only if not included in the **permittee's Program Description Template or previous report submitted to the Division,**

☒ No

☐ **Yes .**

If you answer yes, a summary statement must be provided. Example statement: "As of (date) (entity) is performing the construction site plan reviews for the City in accordance with the procedures in the City's original application."

STORMWATER ANNUAL REPORT – ATTACHMENT

PART 5. INFORMATION COLLECTED AND ANALYZED

While they were not entirely scientific monitoring efforts, the City of Steamboat Springs led an extensive public outreach and engagement effort over the past calendar year via the completion of a citywide storm water master plan followed by the creation of a volunteer-based Stormwater Task Force. The group spent six months from March through September becoming local experts in the field of stormwater issues and concerns relating to floodplain, water quality, and drainage conveyance infrastructure. They completed a report to City Council summarizing the discussion and findings of the group.

The Task Force findings spell out a desire to take a more proactive approach to stormwater management within the City of Steamboat Springs by dedicating adequate resources and expertise to the tasks associated with program planning, outreach, and implementation. The group found:

- Floodplain concerns are mostly a private responsibility except where the floodplain interacts with publicly held property. Policy and regulatory mechanisms may be prudent.
- Stormwater quality is currently very good and should continue to be proactively monitored for signs of degradation. Continued MS4 permit compliance should be evaluated.
- Personnel, equipment, and materials should be allocated to adequately maintain the existing drainage conveyance system in its current state and efforts should be prioritized to plan for future capital needs

Implementation of the program recommendations contained in the report will require additional resources to be directed toward stormwater efforts. Although the group did discuss the issue, no funding mechanism outside of current revenues is recommended at this time.

As a result, the City has since hired a Water Resources Manager to begin addressing some of the action items identified by the Task Force.

In addition, the City partially funded the Upper Yampa River Watershed Group's local CDPHE Section 319 watershed planning effort. Ben Beall, the City Engineer, serves on the Technical Committee for the watershed group as the Municipal Representative. The group is in draft phase of developing a State of the Watershed Report to be released to the public in Spring 2014 based on historic data collection, local knowledge, and the USGS' 2012 retrospective Water-Quality Assessment and Macroinvertebrate report.

These efforts have led to a greater awareness of storm water issues on a local level and a significant amount of local press coverage. These efforts have been integral in assessing the ongoing success of the City's program and identifying areas for improvement with the ultimate goal of preventing discharge of pollutants to the MEP.