

CDPS MS4 Phase II

STORMWATER MANAGEMENT

PROGRAM DESCRIPTIONS

FOR STEAMBOAT SPRINGS

March 2008–March 2013
Due to WQCD by June 10, 2008

Agency Name	City of Steamboat Springs
Permit Certification Numbers	COR-090087
MS4 Location Description <i>(most permit certifications will cover a single city or county)</i>	City(s) Permitted: City of Steamboat Springs County Permitted: n/a Non-Standard MS4(s) Permitted (including location descriptions): n/a
Map	Appendix A
CDPS Program Descriptions	Attached
Program Implementation Area (Counties only)	n/a
Joint Submittal	X No <input type="checkbox"/> Yes

Certification: The following certification must be signed by the Legally Responsible Person. The signer must be either a principal executive officer, ranking elected official or other duly authorized employee.

"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."

Name (printed):

Title:

Signature: _____

Date:

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CDPS Stormwater Management Program Descriptions Instructions

A. Applicability

This template is applicable for all permittees covered under the MS4 general permits COR-080000 and COR-090000. This template is **not** applicable to non-standard MS4s permitted under the COR-070000 general permit.

B. Filling out the Template

This template is intended to be filled out electronically, with additional lines added to the sections as descriptions are entered.

C. Submitting the Program Description

A complete program description, including the original signed certification on page 2, must be submitted to the Water Quality Control Division by **June 10, 2008**.

The submittal must include an original signature. E-mailed or faxed copies will **not** be accepted.

D. Completeness

The form must be completed accurately and in its entirety, or it will be deemed incomplete. This template is intended to be a summary of all of the content for the CDPS Stormwater Management Program Submittal required by Part I.A.6 of the MS4 general permits, COR-080000 and COR-090000. The descriptions provided must be detailed enough for the Water Quality Control Division to determine the permittee's general strategy for complying with the required items in each of the six CDPS Stormwater Management Program Minimum Control Measures (Parts I.B.1-6 of the general permits).

E. Cited Permit Requirements

Subsection B of this template for each of the six Minimum Control Measures includes citations of the specific permit requirements. Where permit requirements have been significantly modified from the previous versions of the general permits, the new language is identified in the template as either a "Clarified" or "New" permit requirement. Refer to Part II.H of the permit rationales for additional information on these changes.

ALL NEW PROGRAM ACTIVITIES ARE IDENTIFIED IN BOLD.

ALL DISCONTINUED ITEMS ARE IN APPENDIX B

City of Steamboat Springs	Overall CDPS Stormwater Management Program Perspective	STORMWATER DISCHARGES ASSOCIATED WITH MS4s Program Descriptions 2008–2013
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Summary description of the overall water quality concerns, priorities, and goals specific to the permittee that were considered in the development of the CDPS Stormwater Management Program:

Provide information on conditions that were considered in developing your overall program. (Examples: water quality impairments or concerns, other watershed concerns, community specific pollutant concerns)

<p><i>Add Description Here</i></p> <p>As an integral part of the City of Steamboat Spring’s (City’s) vision of providing its citizens with the highest quality services at the best value the Stormwater Program will:</p> <ul style="list-style-type: none"> • Safeguard the public welfare through the proper collection, conveyance, and storage of stormwater runoff in a non-damaging and non-life threatening manner. • Ensure compliance with all applicable water quality regulations related to stormwater runoff to the maximum extent practicable. • Ensure that all City municipal separate storm sewer system (MS4) facilities are functioning and maintained to the maximum extent practicable. • Protect the overall water quality of the City’s water resources. • Continue to implement programs to control sediment from construction activities and nutrient loading from urban areas.
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City of Steamboat Springs	PUBLIC EDUCATION & OUTREACH	STORMWATER DISCHARGES ASSOCIATED WITH MS4s Program Descriptions 2008–2013
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A. Program Perspective: The goal of the Public Education and Outreach Program is to increase public knowledge of local water quality problems caused by urban runoff in order to maintain public support for local stormwater quality programs. This support ranges from individuals changing their daily actions to community backing for all stormwater program elements. The program should take into account pollutants commonly associated with the urban environment.

B. Permit Requirements

*The permittee must implement a public education program in an effort to promote behavior change by the public to reduce water quality impacts associated with pollutants in stormwater runoff and illicit discharges that includes: **(Clarified permit requirement)***

- 1) *targeting specific pollutants and pollutant sources determined by the permittee to be impacting, or to have the potential to impact, the beneficial uses of receiving waters;*
- 2) *conducting outreach activities about the impacts of stormwater discharges on water bodies and the steps that the public can take to reduce pollutants in stormwater runoff; and **(Clarified permit requirement)***
- 3) *informing businesses and the general public of the municipality’s prohibitions against, and/or the water quality impacts associated with, illegal discharges and improper disposal of waste.*

C. Program Elements: By using existing, ongoing program elements to meet the permit requirements, the MS4 is committed to continuing each of these program elements. Any changes would require use of the program modification process as outlined in Part I.E.2. of the permit.

Address the existing program elements, including those developed during the first permit term. If elements developed during the first term will be discontinued in the second term, include a brief summary of the discontinued element(s). For “Implementation Year,” provide the year the element will be implemented, or list as “Ongoing.”

1. Forming Partnerships

	Public Education Program Element - Partnerships <i>List each program element, briefly describe. Provide the year(s) for implementation or state “ongoing” for currently implemented programs.</i>	Implementation Year or “Ongoing”
1.a	Continue membership in the Colorado Stormwater Council. The CSC acts as a forum for MS4 permit holders to aid in the development of stormwater programs at local levels.	Ongoing
1.b	Continue contract with Yampatika or other interested organization. Yampatika is an organization that provides a variety of outreach activities with support from the City.	Ongoing

2. Using Educational Materials and Strategies

	Public Education Program Element—Educational Materials and Strategies <i>List each program element, briefly describe. Provide the year(s) for implementation or state “ongoing” for currently implemented programs.</i>	Implementation Year or “Ongoing”
2.a	Continue to partner with Yampatika on outreach activities. Past activities have included the following: <ul style="list-style-type: none"> ▪ Storm drain stenciling ▪ School programs ▪ Brochures (available on the web site and given away at events and presentations) ▪ Posters (available on buses, if resources allow) 	Ongoing
2.b	Continue to operate the Public Access Line (PAL)	Ongoing
2.c	Continue to maintain the City’s stormwater web site	Ongoing
2.d	Continue to publish articles (when applicable) in the city page of the local newspaper	Ongoing
2.e	Continue to educate local businesses, most likely with a brochure	Ongoing
2.f	Continue to mail stormwater brochure to City residents once a permit term	Ongoing

3. Signage and Stenciling

	Public Education Program Element—Signage and Stenciling <i>List each program element, briefly describe. Provide the year(s) for implementation or state “ongoing” for currently implemented programs.</i>	Implementation Year or “Ongoing”
3.a	Although this is not a permit requirement, the City will continue to support the Yampatika with their community stenciling projects if resources are available.	Ongoing
3.b	Continue to make informational signs and posters available at city kiosks. The City will maintain existing kiosks, but is not committing to installing new kiosks.	

4. Reaching Diverse Audiences

Add Description Here	
<p>The City’s public education and outreach program reaches several target audiences through a variety of outreach methods.</p> <ul style="list-style-type: none"> ▪ Residential community—school programs, brochure, poster, web site, newspaper articles, and kiosks ▪ Commercial/business sector—brochures, poster, web site, newspaper articles ▪ Development community and construction sector—web site, best management practice manuals, predevelopment meetings (when applicable), and site inspections <p>The City offers most of their materials free of charge and materials are readily available on the web site. The Routt County Department of Environmental Health offers a household hazardous waste collection program (currently a \$20 fee).</p>	

5. Illicit Discharge Education to Businesses and the Public

<i>Add Description Here</i>
The City informs business and citizens of the impacts of illegal discharges and improper disposal of waste through the following elements: <ul style="list-style-type: none">▪ <i>Stormwater Quality: Our Waterways Need Your Help</i> brochure▪ Outreach to businesses▪ Articles published in local newspapers▪ Household hazardous materials and waste collection program (sponsored by the Routt County Department of Environmental Health)▪ Illicit discharge investigations and follow up

6. Additional Requirements-Cherry Creek Reservoir Basin discharges (COR-080000 only)

<i>Add Description Here</i>
n/a

D. Measurable Goals

Inclusion of measurable goals should not be necessary, as the elements described in Part C, above, should constitute full program implementation and a commitment to continue these elements.

See above tables for new activities in bold text and the associated measureable goals.

City of Steamboat Springs	PUBLIC PARTICIPATION/ INVOLVMENT	STORMWATER DISCHARGES ASSOCIATED WITH MS4s Program Descriptions 2008–2013
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II. PUBLIC PARTICIPATION/INVOLVMENT

A. Program Perspective

Public participation/involvement is often discussed in the context of the public education measure because they share a common goal—reaching out to citizens to improve awareness and achieve program compliance. The distinction between the two programs is that public participation/involvement provides a conduit for citizens to participate in the development and implementation of the publicly funded stormwater program.

B. Permit Requirements

Public involvement/participation. The permittee must implement a public involvement program as follows:

- 1) *The permittee must comply with the State and local public notice requirements when implementing the CDPS Stormwater Management Programs required under this permit. Notice of all public hearings should be published in a community publication or newspaper of general circulation, to provide opportunities for public involvement that reach a majority of citizens through the notification process.*
- 2) *The permittee must provide a mechanism and process to allow the public to review and provide input on the CDPS Stormwater Management Program.*

C. Program Elements: By using existing, ongoing program elements to meet the permit requirements, the MS4 is committed to continuing each of these program elements. Any changes would require the use of the program modification process as outlined in Part I.E.2 of the permit.

Address the existing program elements, including those developed during the first permit term. If elements developed during the first term will be discontinued in the second term, include a brief summary of the discontinued element(s). For “Implementation Year,” provide the year the element will be implemented, or list as “Ongoing.”

1. Public Notices

<i>Add Description Here</i> The City complies with all legally required public notice procedures for activities that involve or impact the public. For example, public notices are published in a local newspaper (currently the Steamboat Pilot and Today.)
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2. Mechanism and Processes for Public Involvement/Feedback—List and briefly describe your method(s) of publicizing contact information and directing inquires to appropriate staff. Examples are web site, brochure, phone book listing, internal phone lists, hot line, etc.

	Public Involvement/Participation Program Element—Public Feedback <i>List each program element, briefly describe. Provide the year(s) for implementation or state “ongoing” for currently implemented programs.</i>	Implementation Year or “Ongoing”
2.a	Continue public notice procedures	Ongoing
2.b	Continue partnerships with Yampatika	Ongoing
2.c	Continue to maintain the web site	Ongoing
2.d	Continue to operate the Public Advisory Line (PAL) and document applicable calls (e.g., reports of illicit discharges and construction site violations)	Ongoing
2.e	Continue to sponsor the annual Clean-Up—Green-Up day	Ongoing
2.f	Continue to insert applicable stormwater topics into City Council meetings when necessary	Ongoing
2.g	Post the new Stormwater Management Program Description Document on the web site and consider comments	December 31, 2008

D. Measurable Goals

Inclusion of measurable goals should not be necessary, as the elements described in Part C, above, should constitute full program implementation and a commitment to continue these elements.

See above tables for new activities in bold text and the associated measurable goals.

City of Steamboat Springs	ILLICIT DISCHARGE DETECTION AND ELIMINATION	STORMWATER DISCHARGES ASSOCIATED WITH MS4s Program Descriptions 2008–2013
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A. Program Perspective

The goal of the Illicit Discharge Detection and Elimination Program is, to the maximum extent practicable, to reduce the frequency and environmental impact of illicit discharges in which pollutants are intentionally or accidentally discharged into the storm sewer system.

B. Permit Requirements

The permittee must develop, implement and enforce a program to detect and eliminate illicit discharges (as defined at 61.2) into the permittee's MS4. Illicit discharges do not include discharges or flows from fire fighting activities, or other activities specifically authorized by a separate CDPS permit.

The permittee must:

- 1) *Develop and maintain a current storm sewer system map, showing the location of all municipal storm sewer outfalls and the names and locations of all state waters that receive discharges from those outfalls.*
- 2) *To the extent allowable under State or local law, effectively prohibit, through ordinance or other regulatory mechanism, illicit discharges (except those identified in subparagraph 5 and 6 of this section) into the storm sewer system, and implement appropriate enforcement procedures and actions. (Clarified permit requirement)*
- 3) *Develop, implement, and document a plan to detect and address non-stormwater discharges, including illicit discharges and illegal dumping, to the system. The plan must include the following three components: procedures for locating priority areas likely to have illicit discharges, including areas with higher likelihood of illicit connections; procedures for tracing the source of an illicit discharge; and procedures for removing the source of the discharge.*
- 4) *Develop and implement a program to train municipal staff to recognize and appropriately respond to illicit discharges observed during typical duties. The program must address who will be likely to make such observations and therefore receive training, and how staff will report observed suspected illicit discharges. (New permit requirement)*
 - i) ***Specific Deadline for Renewal Permittees:** Renewal Permittees must comply with the requirement of subparagraph (4) by no later than December 31, 2009.*
- 5) *Address the following categories of non-stormwater discharges or flows (i.e., illicit discharges) only if the permittee identifies them as significant contributors of pollutants to the permittee's MS4: landscape irrigation, lawn watering, diverted stream flows, irrigation return flow, rising ground waters, uncontaminated ground water infiltration (as defined at 40 CFR 35.2005(20)),*

uncontaminated pumped ground water, springs, flows from riparian habitats and wetlands, water line flushing, discharges from potable water sources, foundation drains, air conditioning condensation, water from crawl space pumps, footing drains, individual residential car washing, dechlorinated swimming pool discharges, and water incidental to street sweeping (including associated side walks and medians) and that is not associated with construction.
(Clarified permit requirement)

The permittee may also develop a list of occasional incidental non-stormwater discharges similar to those in the above paragraph, (e.g., non-commercial or charity car washes, etc.) that will not be addressed as illicit discharges. These non-stormwater discharges must not be reasonably expected (based on information available to the permittee) to be significant sources of pollutants to the MS4, because of either the nature of the discharges or conditions the permittee has established for allowing these discharges to the MS4 (e.g., a charity car wash with appropriate controls on frequency, proximity to sensitive water bodies, BMPs, etc.). The permittee must document in their program any local controls or conditions placed on the discharges. The permittee must include a provision prohibiting any individual non-stormwater discharge that is determined to be contributing significant amounts of pollutants to the MS4.

- 6) *The following sources are excluded from the prohibition against non-stormwater discharges and the requirements of subsections (2) and (3) above:*
 - i) *Discharges resulting from emergency fire fighting activities. Such discharges are specifically authorized under this permit (see Part I.A.2).*
 - ii) *Discharges specifically authorized by a separate CDPS permit.*

C. Program Elements: By using existing, ongoing program elements to meet the permit requirements, the MS4 is committed to continuing each of these program elements. Any changes would require use of the program modification process as outlined in Part I.E.2 of the permit.

Address the existing program elements, including those developed during the first permit term. If elements developed during the first term will be discontinued in the second term, include a brief summary of the discontinued element(s).

1. Outfall map

<i>Add Description Here</i>
The City has mapped all visible outfalls. Updates are made within a reasonable timeframe when new outfalls are constructed and when existing outfalls are consolidated.

2. Regulatory mechanism

<i>Add Description Here</i>
The City’s nuisance code, chapter 15, section 6 (1999 and as amended) in the municipal code prohibits water pollutants that contribute to an “unhealthy, unsafe, or unsightly condition.” The code provides right of entry and abatement authority.
The City has adopted an Illicit Discharge Ordinance (Municipal Code, Chapter 25, Article VI)
Chapter 5, Section3, chapter 36 of the City Municipal Code (2008 and as amended) allows no discharge of sediment.

3. Illicit Discharge Detection and Elimination Plan

<i>Add Description Here</i>
The City has procedures for tracing and removing illicit discharges. The priority area is the downtown area. The City has the following procedures: <i>Locating Priority areas</i> The City uses the following guidelines when identifying priority areas: <ul style="list-style-type: none">▪ Commercial/industrial areas▪ Direct Yampa River outfalls▪ Areas where there have been repeated complaints <i>Tracing the source of illicit discharges</i> The City has developed an outfall map and tracks illicit discharges. Tracking options include manhole observations, video inspection, smoke testing, and dye testing. <i>Removing the source of illicit discharges</i> The City has three types of actions that it takes to remove illicit discharges—compliance assistance and enforcement for illicit discharges at industrial yards, proper construction and maintenance of MS4s, and responding to and preventing illegal dumping.

4. Staff Education

<i>Add Description Here</i>
Applicable City employees have been shown a video, which covers illicit discharges. City Staff has ongoing training relative to Good Housekeeping and SOP's.

D. Measurable Goals

Measurable Goals are required for Staff Education as per Part I.B.3(a)(4) of the permit (Permit Requirement (4), in Part B, above), unless this new permit condition is already being met. Additional measurable goals should not be necessary if the elements described in Part C, above, constitute full program implementation and a commitment to continue these elements for all additional permit requirements.

Check Box 1 or 2, below. The Table in Part 3 must be filled out if you check Box 2.

1. Staff training program(s) listed in Part C.4, above, have been fully implemented and are ongoing.
 (It is not necessary to complete Part 3 below if you check this box.)
2. One or more staff training program(s) have **NOT** been fully implemented and measurable goals have been provided in Part 3 below for each of the pending programs.
(You must complete Part 3 below if you check this box.)
3. Illicit Discharge Detection and Elimination Measurable Goals: Include those staff training program(s) that have **NOT** already been fully implemented, and provide the year by which implementation will occur. **Measurable Goals must be completed by 2009.**

	Illicit Discharge Detection and Elimination Measurable Goals-Training <i>List each program element, briefly describe. Provide the year(s) for implementation</i>	Implementation Year
3.a		December 31, 2008

City of Steamboat Springs	CONSTRUCTION SITES RUNOFF CONTROL	STORMWATER DISCHARGES ASSOCIATED WITH MS4s Program Descriptions 2008–2013
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A. Program Perspective

The goal of the Construction Sites Runoff Control Program is to reduce, to the maximum extent practicable, sediment and other construction-related pollutants from entering the municipal separate storm sewer system.

B. Permit Requirements

The permittee must:

- 1) *Develop, implement, and enforce a program to reduce pollutants in any stormwater runoff, and to reduce pollutants in, or prevent when required in accordance with I.B.3, non-stormwater discharges that have the potential to result in water quality impacts (e.g., construction dewatering, wash water, etc.), to the MS4 from construction activities that result in a land disturbance of one or more acres. Reduction of pollutants in discharges from construction activity disturbing less than one acre must be included in the program if that construction activity is part of a larger common plan of development or sale that would disturb one or more acres. If the Division waives requirements for stormwater discharges associated with a small construction activity in accordance with 61.3(2)(f)(ii)(B) (the “R-Factor” waiver), the permittee is not required to develop, implement, and or enforce its program to reduce pollutant discharges from such a site. **(Clarified permit requirement)***
- 2) *Develop and implement the program to assure adequate design, implementation, and maintenance of BMPs at construction sites within the MS4 to reduce pollutant discharges and protect water quality. The program must include, at a minimum, the development, implementation, and documentation of:*
 - i) *Program Requirements, including:*
 - A) *An ordinance or other regulatory mechanism to require erosion and sediment controls, as well as sanctions and procedures adequate to ensure compliance, to the extent allowable under State or local law.*
 - B) *Requirements for construction site operators to implement appropriate erosion and sediment control BMPs.*
 - C) *Requirements for construction site operators to implement BMPs to control waste such as discarded building materials, concrete truck washout, chemicals, litter, sanitary waste, and other non-stormwater discharges including construction dewatering and wash water, at the construction site that may cause adverse impacts to water quality. **(Clarified permit requirement)***
 - ii) *Compliance Assessment, including:*

- A) *Procedures for site plan review which incorporate consideration of potential water quality impacts.*
- B) *Procedures for construction site compliance assessment, including:*
 - 1) *Site inspections; and*
 - 2) *Receipt and consideration of information submitted by the public.*

iii) *Compliance Assurance, including:*

- A) *Procedures for enforcement of control measures that includes documented procedures for response to violations of the permittee’s program requirements. Procedures must include specific processes and sanctions adequate to minimize the occurrence of, and obtain compliance from, chronic and recalcitrant violators of control measures. **(New permit requirement)***
 - 1) *Specific Deadline for Renewal Permittees: Renewal Permittees must comply with the requirement of subparagraph (A) to develop, document and implement response procedures that specifically address chronic and recalcitrant violators by no later than December 31, 2009.*
- B) *An education and training program for municipalities, their representatives and/or construction contractors. At a minimum, the program must include an information program for construction site operators unfamiliar with the reviewing authority’s regulatory requirements.*

C. Program Elements: By using existing, ongoing program elements to meet the permit requirements, the MS4 is committed to continuing each of these program elements. Any changes would require use of the program modification process as outlined in Part I.E.2 of the permit.

Address the existing program elements, including those developed during the first permit term. If elements developed during the first term will be discontinued in the second term, include a brief summary of the discontinued element(s).

1. Regulatory Mechanism to require BMPs and sanctions to ensure compliance

Add Description Here
 Chapter 5, Section 3, chapter 36, titled Construction Site Management, of the City Municipal Code (1992 and as amended) applies to construction sites within City limits. The code covers construction access points, dust control, construction debris and chemicals, temporary BMPs, and sanitary facilities.

2. Requirements for construction site operators to implement appropriate erosion and sediment control BMPs and materials handling BMPs

Add Description Here
 The City uses the **CDOT Erosion Control and Stormwater Quality Field Guide** and the *Erosion and Sediment Control During Construction* manual developed by Routt County. The manuals include details for temporary BMPs and pollutant source controls (e.g., toxic and hazardous materials). The code also requires the submission of a construction site management plan **and requires building permittees to comply with the Construction Site Management section of the Municipal Code.**

3. Requirements for construction site operators to control waste including discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste

Add Description Here

Chapter 5, Section 3, chapter 36, titled Construction Site Management, of the City Municipal Code (1992 and as amended) applies to construction sites within City limits. The code requires that construction sites be free of extraneous debris and have sanitary facilities. The code also prohibits the contamination of soil, water, or atmosphere, which includes contaminated concrete truck washout.

4. Procedures for site plan review which incorporate consideration of potential water quality impacts

Add Description Here

Routt County issues building permits with approval from the City. The City follows procedures for construction site management plan reviews for all multiuse, commercial, multifamily, and industrial projects. A fact sheet on the required elements of a construction site management plan is available on the web site. Required elements include the identification of erosion and sediment controls, stockpile areas, dumpsters, and sanitary facilities. Each construction site management plan must have standard notes, which are also available on the web site. The standard notes address concrete truck washout, inspection frequency, and BMP maintenance. The plan reviewer assures that the construction site management plan has each required element. The City must approve all major revisions to construction activities and the construction site management plan must be updated accordingly.

5. Procedures for receipt and consideration of information submitted by the public.

Add Description Here

All calls through the PAL and reports of illicit discharges are tracked. Such complaints might warrant a field inspection, notification to a construction site operator, or other follow-up as appropriate to the situation.

6. Procedures for site inspection and enforcement of control measures

Add Description Here

Inspection

The City has a dedicated sediment and erosion control inspector (construction inspector). All site inspections are tracked in a spreadsheet. The inspections include, but are not limited to, the following:

- Proactive inspections that occur randomly during construction.
- A mandatory final inspection for all multiuse, commercial, multifamily, and industrial permitted sites.
- Complaint-generated inspections based on input from the general public or referrals from City staff.

The City does not announce inspections and inspection frequency varies. Because the Yampa River flows through the downtown area, construction sites in the area are inspected regularly (approximately twice a week.) Large sites also are inspected regularly (approximately once a week.) A site is inspected more often if there are violations.

Enforcement

The City typically issues a verbal warning for minor violations and conducts a follow-up inspection. For more serious violations, the City issues a notice of violation. For more egregious violations, the City will request a stop work order from Routt County or cite the violator to municipal court. The City also will withhold approval for a certificate of occupancy.

7. Training and Education for Construction Site Operators

Add Description Here
<p>The City uses the following to educate construction site operators:</p> <ul style="list-style-type: none"> ▪ <i>Erosion and Sediment Control During Construction</i> manual ▪ CDOT Erosion Control and Stormwater Quality Field Guide ▪ Web site ▪ Inspections ▪ CSMP checklist ▪ Annual contractors forum—interface between city departments and contractors ▪ Periodic informational seminars (i.e. CDPHE visit, ACOE visit)

D. Measurable Goals

Measurable Goals are required for the requirement in Part I.B.4(a)(2)(iii) of the permit (Permit Requirement (2)(iii) in Part B, above) unless this new permit requirement is already being met. Additional measurable goals should not be necessary if the elements described in Part C, above, constitute full program implementation and a commitment to continue these elements for all additional permit requirements.

Check Box 1 or 2, below. The Table in Part 3 must be filled out if you check Box 2.

1. Procedures, as listed in Part C.5.b, above, have already been fully implemented to minimize the occurrence of, and obtain compliance from, chronic and recalcitrant violators of control measures.
 (It is not necessary to complete Part 3 below if you check this box.)
2. Procedures have **NOT** already been fully implemented to minimize the occurrence of, and obtain compliance from, chronic and recalcitrant violators of control measures.
(You must complete Part 3 below if you check this box.)
3. Construction Sites Program Measurable Goals: The Measurable Goal has been provided. Include the year by which full implementation of procedures will be achieved to minimize the occurrence of, and obtain compliance from, chronic and recalcitrant violators of control measures will be implemented. **Measurable Goals must be completed by 2009.**

	Construction Sites Program Measurable Goals—Chronic and Recalcitrant Violators <i>Provide the year for implementation</i>	Implementation Year
3.a	Develop, implement, and document procedures to minimize the occurrence of, and obtain compliance from, chronic and recalcitrant violators of control measure.	December 31, 2009

City of Steamboat Springs	POST-CONSTRUCTION STORMWATER MANAGEMENT	STORMWATER DISCHARGES ASSOCIATED WITH MS4s Program Descriptions 2008–2013
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A. Program Perspective

The goal of the Post-Construction Stormwater Management program is to implement planning procedures and enforcement mechanisms to reduce, to the maximum extent practicable, stormwater impacts resulting from areas of new development and significant redevelopment.

B. Permit Requirements

Post-construction stormwater management in new development and redevelopment.

The permittee must develop, implement, and enforce a program to address stormwater runoff from new development and redevelopment projects that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale, that discharge into the MS4. The program must ensure that controls are in place that would prevent or minimize water quality impacts. The permittee must:

- 1) *Develop, implement, and document strategies which include the use of structural and/or non-structural BMPs appropriate for the community that address the discharge of pollutants from new development and redevelopment projects, and/or that maintain or restore hydrologic conditions at sites to minimize the discharge of pollutants and prevent in-channel impacts associated with increased imperviousness; **(Clarified permit requirement)***
- 2) *Use an ordinance or other regulatory mechanism to address post-construction runoff from new development and redevelopment projects to the extent allowable under State or local law;*
- 3) *Develop, implement, and document procedures to determine if the BMPs required under Item (1), above, are being installed according to specifications. (This may be developed in conjunction with the Construction program area, as described in Part I.B.4);*
- 4) *Develop, Implement, and document procedures to ensure adequate long-term operation and maintenance of BMPs, including procedures to enforce the requirements for other parties to maintain BMPs when necessary; **(Clarified permit requirement)***
- 5) *Develop, implement, and document an enforcement program, which addresses appropriate responses to common noncompliance issues, including those associated with both installation (subparagraph (3), above) and long term operation and maintenance (subparagraph (4), above) of the required control measures; **(Clarified permit requirement)***
- 6) *Develop and implement procedures and mechanisms to track the location of and adequacy of operation of long-term BMPs implemented in accordance with the program. **(Clarified permit requirement)***

C. Program Elements: By using existing, ongoing program elements to meet the permit requirements, the MS4 is committed to continuing each of these program elements. Any changes would require use of the program modification process as outlined in Part I.E.2. of the permit.

Address the existing program elements, including those developed during the first permit term. If elements developed during the first term will be discontinued in the second term, include a brief summary of the discontinued element(s).

1. Regulatory mechanism

<i>Add Description Here</i>
The City's <i>Drainage Criteria Manual</i> (2007 and as amended) states that all new development, redevelopment, and significant remodel projects submitted for acceptance under the provisions of the drainage criteria shall include adequate storm drainage system analysis and appropriate drainage system design.

2. Design Criteria and Standards

<i>Add Description Here</i>
The City's <i>Drainage Criteria Manual</i> (2007 and as amended) states that all new development, redevelopment, and significant remodel projects submitted for acceptance under the provisions of the drainage criteria shall include adequate storm drainage system analysis and appropriate drainage system design. The manual also lists the design criteria for a variety of permanent BMPs.

3. Review and Approval Procedures

<i>Add Description Here</i>
The <i>Drainage Criteria Manual</i> (2007 and as amended) outlines the plan approval process, which includes the following: <ul style="list-style-type: none">▪ Submittal of the drainage letter and conceptual drainage study▪ Submittal of the final drainage study and stormwater quality plan, which include maintenance requirements▪ Approval of the final drainage study and stormwater quality plan The City's <i>Drainage Criteria Manual</i> (2007) states a licensed engineer shall certify the as-built information on detention ponds. The certification must also include the storm drain sizes and invert elevations, manhole and discharge locations, representative open channel cross-sections, dimensions of all the drainage structures and other pertinent design features are in accordance with the approved drainage study and construction plans. The City conducts a final inspection and approves a certificate of occupancy after the applicable information is submitted by the project engineer.

4. Tracking

<i>Add Description Here</i>
Newly constructed permanent BMP locations are tracked using the City's GIS system after the final project inspection. The City has input existing, prior constructed permanent BMPs into the City's GIS system. PBMP's are now tracked and inspected annually.

5. Requiring long-term operation and maintenance of BMPs

Add Description Here

The stormwater quality plan includes information on the long-term maintenance of the BMP. This plan is part of the approval documents for the permit, which is subject to long-term compliance.

6. Monitor long-term compliance—

Add Description Here

Inspection

The City will inspect all permanent BMPs at least once a permit term and in response to complaints.

Enforcement

The City considers the lack of maintenance or alteration of a permanent BMP a violation of the development permit application. Citations can be referred to municipal court under Section 26 Community Development Code of the City Municipal Code.

The City's nuisance code, chapter 15, section 6 (1999 and as amended) in the municipal code prohibits water pollutants that contribute to an "unhealthy, unsafe, or unsightly condition." The code provides right of entry and abatement authority.

D. Measurable Goals

Inclusion of measurable goals should not be necessary, as the elements described in Part C, above, should constitute full program implementation and a commitment to continue these elements.

City of Steamboat Springs	POLLUTION PREVENTION/ GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS	STORMWATER DISCHARGES ASSOCIATED WITH MS4s Program Descriptions 2008–2013
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A. Program Perspective

The goal of the Pollution Prevention/Good Housekeeping for Municipal Operations program is to reduce, to the maximum extent practicable, the amount and type of pollution that is generated by municipal operations or from municipally-owned property.

B. Permit Requirements

The permittee must develop and implement an operation and maintenance program that includes an employee training component and has the ultimate goal of preventing or reducing pollutants in runoff from municipal operations. The program must also inform public employees of impacts associated with illegal discharges and improper disposal of waste from municipal operations. The program must prevent and/or reduce stormwater pollution from facilities such as streets, roads, highways, municipal parking lots, maintenance and storage yards, fleet or maintenance shops with outdoor storage areas, salt/sand storage locations and snow disposal areas operated by the permittee, and waste transfer stations, and from activities such as park and open space maintenance, fleet and building maintenance, street maintenance, new construction of municipal facilities, and stormwater system maintenance, as applicable. The permittee must:

- 1) *Develop and maintain written procedures for the implementation of an operation and maintenance program to prevent or reduce pollutants in runoff from the permittee’s municipal operations. The program must specifically list the municipal operations (i.e., activities and facilities) that are impacted by this operation and maintenance program. The program must also include a list of industrial facilities the permittee owns or operates that are subject to separate coverage under the State’s general stormwater permits for discharges of stormwater associated with industrial activity; **(New permit requirement)***
 - i) *Specific Deadline for Renewal Permittees: Renewal Permittees must comply with the requirements of subparagraph (1) by no later than December 31, 2009.*
- 2) *Develop and implement procedures to provide training to municipal employees as necessary to implement the program under Item 1, above. **(Clarified permit requirement)***

C. Program Elements: By using existing, ongoing program elements to meet the permit requirements, the MS4 is committed to continuing each of these program elements. Any changes would require use of the program modification process as outlined in Part I.E.2 of the permit.

Address the existing program elements, including those developed during the first permit term. If elements developed during the first term will be discontinued in the second term, include a brief summary of the discontinued element(s).

1. Implementation of an operation and maintenance program

Add Description Here
The City has procedures for a variety of municipal operations, such as limited material storage outdoors, spill response kits located in accessible areas, covered scoria storage, and double-walled MgCl tanks. The airport has its own industrial use stormwater permit and spill plan and the wastewater treatment plant has a state permit for operations of the plant.
The City will continue to replace of storm sewer inlets with sump inlets in the old Town area. The majority of the inlets have been replaced.

2. Employee Training program

Add Description Here
Applicable City employees are trained once a year on the stormwater program, how to identify and respond to illicit discharges, and other applicable subjects.

D. Measurable Goals

Measurable Goals are required as per Part I.B.6(a)(1) of the permit (Permit Requirement (a)(1) in Part B, above), unless this new permit requirement is already being met. Additional measurable goals should not be necessary if the elements described in Part C, above, constitute full program implementation and a commitment to continue these elements for all additional permit requirements.

Check Box 1 or 2, below. The Table in Part 3 must be filled out if you check Box 2.

- Written procedures and lists, as listed in Part C.3, above, for the implementation of an operation and maintenance program to prevent or reduce pollutants in runoff from the permittee’s municipal operations, have already been developed.
 (It is not necessary to complete Part 3 below if you check this box.)
- Written procedures and lists for the implementation of an operation and maintenance program to prevent or reduce pollutants in runoff from the permittee’s municipal operations have **NOT** already been fully developed.
(You must complete Part 3 below if you check this box.)
- Pollution Prevention/ Good Housekeeping Measurable Goals: The Measurable Goal has been provided. Include the year when written procedures for the implementation of an operation and maintenance program to prevent or reduce pollutants in runoff from the permittee’s municipal operations will be fully developed. **Measurable Goals must be completed by 2009.**

	Pollution Prevention/ Good Housekeeping Measurable Goals <i>Provide the year(s) for implementation</i>	Implementation Year
3.a	Develop written procedures, as necessary, for implementing an operation and maintenance program to prevent or reduce pollutants in runoff from the City’s municipal operations. The documentation will specifically list the municipal operations (i.e., activities and facilities) that are impacted by this operation and maintenance program. The documentation will also include a list of the industrial	December 31, 2008 Complete

	facilities owned or operated by the City that is subject to separate coverage under the state's general stormwater permits for discharges of stormwater associated with industrial activity.	
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Appendix A

MS4 Map

Appendix B

Discontinued Elements

Discontinued Element	Rationale
Public Education and Outreach	
Partnership with the Yampa River Basin Partnership	The Yampa River Basin Partnership's focus is on other water issues within the valley.
Study the chemical constituents of the natural springs and their possible impacts to water quality, especially when combined with urban runoff	This is not permit requirement and previously conducted Yampa River sampling and testing does not indicate that additional analysis is required
Present educational opportunities to businesses related to recreational and other related water use venues and encourage them to incorporate those practices in their businesses and programming	This element has been difficult to implement due to the difficulty in contacting so many businesses. The City does not have the resources to contact recreational businesses, but will continue to educate all citizens through the web site and educational programs conducted through the Yampatika.
Add a stormwater hotline	The City advertises and uses the PAL. This has proven to be an effective method of communication and another phone number for citizens to call would be confusing.
Implement a high school educational program	Yampatika already has programs for elementary and middle school children. It is too resource intensive, at this time, to develop another program for high school students.
Public Participation/Involvement	
Insert stormwater goals in the Community Development Plan	The committee for the Community Development Plan changes for each revision and there is no guarantee that stormwater issues will continue to be inserted into the Plan.
Illicit Discharge Detection and Elimination	
Establish a runoff database	The City tracks illicit discharges through spreadsheet.
Contact list of possible polluters	The City responds to all reports of illicit discharges.
Sample eight outfalls along the Yampa River	City Parks, Recreation and Open Space conducts water quality testing on a regular basis at strategic locations. Results of sampling have not indicated a need for such resource intensive monitoring.
Construction Site Runoff Control	
Create a stormwater program supervisor position	The Construction Services Foreman position is responsible for most stormwater program duties and delegation of additional responsibilities to the Construction Services Technician and the engineering department. These roles fill the intended purpose of the previously identified stormwater program supervisor position.
Post-Construction Stormwater Management in New Development and Redevelopment	
Develop mechanisms and funding for the operation and maintenance of permanent erosion control BMPs	The City only has enough resources to maintain permanent BMPs on City property. Permanent BMPs on private property will be maintained by the property owner.

<p>Conduct an analysis on regional detention and map out how best to return stormwater flows to their historical quantities</p>	<p>The City requires a stormwater quality plan and drainage analysis to identify need for permanent BMP installation in conjunction with development projects (when applicable). City Drainage Criteria requires detention when existing MS4 cannot convey developed flows. This criteria was not in place at time of past permitting and the City was trying to address a potential stormwater and channel/stream bank issue globally. Since the political will has since changed, a regional approach to addressing the issue is no longer the sole option.</p>
<p>Pollution Prevention/Good Housekeeping for Municipal Operations</p>	
<p>Open employee training opportunities to businesses and the public</p>	<p>The City has brought the ACOE and CDPHE to Steamboat in order to provide training to its own staff and actively sought and received participation from local engineering, architectural, surveying, and consulting firms as well as excavators and building contractors. The annual contractor's forum has also been a way to present relevant stormwater topics and answer questions from the public in the construction and development community. While the City will continue to strive to educate the community of relevant stormwater topics, the City believes that the best and most effective approach is not to open the doors to internal staff training. Most of the time City staff attend training sessions outside the community. Most local training sessions are conducted or organized by City staff for businesses and the public.</p>