

STORMWATER ANNUAL REPORT

Cherry Creek Municipal Separate Storm Sewer Systems (MS4s) Permit, COR-080000 - Renewal Permittees

COLORADO DEPT. OF PUBLIC HEALTH & ENVIRONMENT

Water Quality Control Division
WQCD-P-B2
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

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 – 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 review of the CDPS Stormwater Management Program compliance status with any schedules and other Measurable Goals established under the Program;
- An assessment of the effectiveness of controls established by the Program; and
- 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): City of Greenwood Village	Reporting Period (check one) <input checked="" type="checkbox"/> Jan 1, 2008 to Dec 31, 2008 <input type="checkbox"/> Jan 1, 2009 to Dec 31, 2009 <input type="checkbox"/> Jan 1, 2010 to Dec 31, 2010 <input type="checkbox"/> Jan 1, 2011 to Dec 31, 2011 <input type="checkbox"/> Jan 1, 2012 to Dec 31, 2012 (The annual report is due by March 10th of the year following the reporting period) *Permittees must submit a one-time report for the Municipal Operations Program by March 10, 2010 as required by Part I.F.8 of the permit. The Water Quality Control Division will provide separate guidance for this report.
Mailing Address (<input type="checkbox"/> check if new): 6060 S. Quebec St.	
City, State and Zip Code (<input type="checkbox"/> check if new): Greenwood Village, CO 80111	
Contact Person (<input checked="" type="checkbox"/> check if new) Name: Wanda W. DeVargas, Project Manager II Phone Number: 303-708-6140	
Permit Certification No: COR – 080004	
Have any areas been added to the MS4 due to annexation or other legal means? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO YES, include updated map or provide the web address for online map if available.	

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-080000 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 

Jim Sanderson, City Manager
Signature of Permittee (legally responsible person)

3/2/07

Date Signed

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.

For 2008 Annual Report Only: If specific information on numbers of sites, BMPs, inspections, or enforcement were not tracked or are otherwise not available to complete the following tables, an attachment can be provided for the 2008 Annual Report **only** that provides an alternative summary of the inspections performed and enforcement actions taken for the various program areas. For all future reporting years under the current permit (2009 through 2012), the specific details in the table below **must** be provided.

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.	Number of Actions
Monetary Penalty/Fine	0
Written Notification of Violation	0
Verbal Notification of Violation	2
Charge for Cleanup/Remediation	2*
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.) <i>*In each instance of the two (2) illicit discharges during the 2008 permit year, the responsible parties were held responsible for clean up efforts.</i> (add rows as needed)	2

Program Area 4: Construction Site Runoff Control	
Summary Information	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.	353 Refer to attachment
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, as most appropriate.	Number of Inspections
Full Level Inspections assessing 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.	28 Refer to attachment
-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 permittee's CDPS Stormwater Management Program. (For Reduced Level Inspections, an estimate of the number of inspections performed is acceptable.)	1,151 estimated. Refer to attachment
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	0
Stop Work Order	0
Written Notification of Violation	0
Verbal Notification of Violation	6 Estimated. Refer to attachment
Withholding of Permits (e.g., building permits, tap permits, etc.)	0
Work Performed by Permittee or Permittee's Contractor and Responsible Party Charged/Bond Withheld	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. Withheld building inspections (add rows as needed)	1

Program Area 5: Post-Construction Stormwater Management	
Summary Information: Provide information for only one of the following two rows (<i>Number of Sites</i> or <i>Number of BMPs</i>).	Number of Sites/BMPs
Number of Sites: Total number of sites/common plans of development for which permanent water quality control BMPs were required, in accordance with permittee's Post-Construction Program. Note, this may include sites with multiple individual BMPs.	
-OR- Number of BMPs: Total number of specific permanent water quality BMPs implemented during the reporting period in accordance with permittee's Post-Construction Program.	29
Inspections: Provide information for only one of the following two rows (either <i>Number of Sites Inspected</i> or <i>Number of BMPs Inspected</i>).	Number of Inspections
Number of Site Inspections: Total numbers of inspections performed of sites/common plans of development with permanent water quality BMPs to ensure compliance with long term operation and maintenance requirements of the permittee's Post-Construction Program. Note, this may include sites with multiple individual BMPs.	
-OR- Number of BMP Inspections: Total number of inspections performed of specific permanent water quality BMPs to ensure compliance with long term operation and maintenance requirements of the permittee's Post-Construction Program.	97
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	0
Stop Work Order	0
Written Notification of Violation	0
Verbal Notification of Violation	0
Withholding of Permits (e.g., building, tap, occupancy, etc.)	0
Work Performed by Permittee or Permittee's Contractor and Responsible Party/Bond Withheld	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.

PART 4. MEASURABLE GOALS

Does the permittee have one or more measurable goals due during the current permit term that have not been completed?

No

Yes

If you answer yes, a summary of the program status must be provided below.

List all measurable goals that are contained in permittee's Program Description Template and provide a brief status update.

Measurable Goal	Status, including a summary of activities planned for the next reporting period.
Fully Implement procedures to minimize the occurrence of, and obtain compliance from, chronic and recalcitrant violators of control measures by December 31, 2009	Have not started. Will evaluate current procedures in place and make improvements where necessary and submit with 2009 annual report which is due March 10, 2010.
Review existing documented procedures, and develop new written procedures, as necessary, for the implementation of an operation and maintenance program to prevent or reduce pollutants in runoff from the permittee's municipal operations. The documentation must specifically list the municipal operations (i.e., activities and facilities) that are impacted by this operation and maintenance program. The documentation must also include a list of the 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. To be completed by December 31, 2009.	Have not started. Will review and update as necessary procedures for municipal operations programs and submit this inventory with the 2009 annual report which is due March 10, 2010.
Develop and implement procedures to provide training to municipal employees as necessary to implement the municipal operations programs by December 31, 2010.	Once the procedures for municipal operations are completed by December 31, 2009, training of municipal employees will occur prior to December 31, 2010.

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."

2008 Stormwater Annual Report, City of Greenwood Village, COR 080004
Attachment to 2008 Annual Report Alternative Summary of Inspections Performed and Enforcement Actions taken for Various Program Areas

For 2008 Annual Report Only: If specific information on numbers of sites, BMPs, inspections, or enforcement were not tracked or are otherwise not available to complete the tables in the annual report, an attachment can be provided for the 2008 Annual Report only that provides an alternative summary of the inspections performed and enforcement actions taken for the various program areas.

PART 3. INSPECTION AND ENFORCEMENT

Program Area 4 Construction Site Runoff Control

Summary Information (MS4 Annual Report, Page 3 of 6)

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:

Three hundred and fifty three (353) total number of construction sites which are comprised of the following:

- Five (5) active municipal/public project sites greater than one acre
- Thirteen (13) known private developments greater than one acre and
- Three hundred thirty five (335) sites in which site work permits are required for site work that includes landscaping, grading, or flatwork activities that disturb more than ten (10) cubic yards of soil or other material AND/OR site work that consists of a disturbed area greater than ten thousand (10,000) square feet, which requires an erosion and sediment control plan per the Greenwood Village Construction Site Management Manual.

Twenty eight (28) Full level inspections were completed as follows:

- Municipal/public project sites greater than one acre
 - Eight (8) inspections at Little Dry Creek (Jan.-Apr. 2008 plus one CDPHE site inspection)
 - Ten (10) inspections for the Belleview CIP (Jan. – Dec. 2008)
 - One (1) inspection at Tommy Davis Park (Dec. 2008)
 - Three (3) inspections at Belle Peoria CIP (Jan – March 2008 and follow up in Jun 2008)
 - Five (5) inspections at Village Greens Park (Feb. – Jun. 2008)
 - Private development sites greater than one (1) acre
 - One (1) inspection at Landmark (Dec. 2008).
- Note: The thirteen (13) known private developments greater than one (1) acre were inspected once a month during the year. However as the Village did not have a community development engineer on staff from March through October, these inspections were performed by other city staff and will be counted as reconnaissance inspections.

2008 Stormwater Annual Report, City of Greenwood Village, COR 080004
Attachment to 2008 Annual Report Alternative Summary of Inspections Performed and Enforcement Actions taken for Various Program Areas

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One thousand one hundred fifty one (1,151) Reconnaissance inspections were completed as follows:

- For three hundred twenty nine (329) site work addresses - inspections were not tracked however it can be estimated that there was a minimum of three inspections (initial site stabilization inspection, periodic inspections, final grading inspection and/or final stabilization inspection). Therefore a minimum of nine hundred eighty seven (987) inspections completed.
- Ten (10) inspections of Site work permits issued in previous years (2006, 2007) that had construction activity in 2008.
- One hundred fifty four (154) known private development sites greater than one acre as mentioned above (note one location began work in February and one was counted as a full level which brings the total to 154).

Please note Capital Improvement Project Sites have Engineering Inspectors assigned to each site, and sites are inspected on a daily basis of which these inspections may or may not be tracked.

Additionally, Reconnaissance/Indicator inspections are an estimate for 2008 because in addition to routine inspections, the Village may monitor sites or activities regardless of the size of the disturbance or whether or not a permit has been required. These inspections are not scheduled and can occur without notice.

Verbal warnings were not tracked during the 2008 permit year with exception to six site work locations of which we had documentation.