The City of Greenwood Village

Stormwater Management Program For the Phase II Provisions of the Clean Water Act

Prepared by:
the City of Greenwood Village
Public Works Department
Engineering Service Area
10001 E. Costilla Avenue
Greenwood Village, CO 80112-3730

CDPS MS4 Phase II

STORMWATER MANAGEMENT

PROGRAM DESCRIPTIONS

FOR CITIES AND COUNTIES

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

Agency Name	City of Greenwood Village
Permit Certification Number	COR - 080004
MS4 Location Description *(most permit certifications will cover a single city or county)*	City(s) Permitted: City of Greenwood Village County Permitted: N/A Non-Standard MS4(s) Permitted (including location descriptions): N/A
Map	Attach MS4 Boundary Map Showing: • Jurisdictional Boundary (including all city, county and non-standard MS4s covered under your certification) • Permit Boundary (refer to Page 1 of your permit)
CDPS Program Descriptions	Attached
Program Implementation Area (Counties only)	☐ Permitted Area ☐ Entire Jurisdiction
Joint Submittal	☒ No ☐ 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):
Jim Sanderson
Title: City Manager

Signature: Jim Sanderson

Date: 6/4/08

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MS4 Jurisdictional Map of Greenwood Village

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.

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)

Add Description Here

As part of the previous and current CDPS permit requirements, the Village will continue to implement its municipal separate storm sewer system (MS4) permit and program within its jurisdiction. The program's goals are to reduce the discharge of pollutants from the MS4 to the maximum extent practicable, protect state waters and satisfy mandated water quality requirements set forth in the Cherry Creek Reservoir Control Regulation (5 CCR 1002-72). The MS4 stormwater programs are implemented throughout the Village's entire jurisdiction.

The Village's primary pollutants of concern include sediment and phosphorous. Phosphorous is the major nutrient that contributes to algae productivity that leads to a high concentration of chlorophyll *a* in the Cherry Creek Reservoir. The water quality standards for Cherry Creek Reservoir include 15 µg/L of chlorophyll *a*, a phosphorous goal of 40-µg/L and a total maximum annual load (TMAL) for phosphorous of 14,270 lbs/yr. Although only a small portion of the Village contributes to the Cherry Creek Reservoir Basin, the Village has many other on-line ponds of concern that can become impaired as well with excess sediment and phosphorous including those in the Marjorie Perry Nature Preserve.

The Village's additional pollutants of concern include those found in urban runoff which may include such pollutants as trash/litter, fertilizers, pet waste, household wastes, car deposits and illicit discharges. The Village will strive to increase the public's awareness regarding how stormwater quality affects local water streams which include Prentice Gulch, Greenwood Gulch, Goldsmith Gulch, Big Dry Creek, Little Dry Creek and Cherry Creek Reservoir in an effort to reduce these pollutants.

The Village has minimal industrial areas but a large commercial corridor (Denver Technical Center), therefore target audiences will include maintenance operations associated with building and landscape maintenance. The Village will continue to partner with the entities listed above on these educational materials which might include information on services that have the potential to impact inlets/storm sewers such as power washing, dumpsters and trash control, carpet cleaning, painting, fertilizing, sediment control, etc.

The Village also has a large residential population that contract out their landscaping operations. Thus the Village would like to focus on educational materials for general contractors, landscape maintenance contractors and HOAs to help limit the amount debris and chemicals that enter the waterways.

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 –List and briefly describe any partnerships and memberships and describe their relevance. (Examples: Colorado Stormwater Council, Project Wet, Keep It Clean partnership, local watershed organizations, etc.).

	Public Education Program Element - Partnerships ***List each program element, briefly describe. Provide the year(s) for implementation or state "ongoing" for currently implemented programs.***	Implementation Year or "Ongoing"
1.a	Continue relationship with Cherry Creek Stewardship Partners (CCSP). The partnership is based on a jurisdictional coordination and communication on watershed issues such as open space, recreation and water quality education in our streams and reservoir.	Ongoing

	The Village has taken an active role in improving the water quality of the Cherry Creek Basin by participating in and providing funding for the CCSP and educating the public regarding water quality issues surrounding the basin. The Village was one of the original sponsors and remains an active participant in the CCSP. The Village is a sponsor of the CCSP annual conference, which provides an excellent opportunity to educate the public on Cherry Creek Reservoir water quality concerns. The partners provide information that targets local agency staff, technical consultants and citizens to expand their educational efforts to enhance water resources and promote stewardship. In addition to committing annual funds for the operation of the CCSP, Village staff assists with outreach and participation events as volunteers. The CCSP currently assists West Middle School within the Village to incorporate water quality curriculum in their science program. Part of the training takes place in the Cattail Park along Prentice Gulch.	
1.b.	The Village will continue to be involved with Southeast Metro Stormwater Authority's SPLASH (Stormwater Permittees for Local Awareness of Stream Health) group. The Village's involvement with SPLASH includes coordination to plan, develop and participate with organizational products and activities including educational outreach, participation with community events/public meeting activities and maintaining the SPLASH web site. Previous involvement included such activities as assisting with the SPLASH booth at the Western Welcome Week. The Village will continue to participate in stormwater booths at community festivals such as this which will emphasize storm water quality, how residents/businesses impact water quality through their everyday activities, and provide an opportunity to answer questions regarding water quality.	Ongoing
1.c.	The Village is a member of the Technical Advisory Committee (TAC) for the Cherry Creek Basin Water Quality Authority which manages the Cherry Creek Reservoir, tributaries and surrounding lands. This allows for the Village to stay current with requirements and collaborate with other entities within the basin.	Ongoing
1.c.	Urban Drainage and Flood Control District (UDFDC) reaches out to the residents in the Greenwood Village permit area through their public meeting and outreach process via their master plan program, capital improvements program and maintenance program.	Ongoing
1.d	The Village will become an active member of the Colorado Stormwater Council (CSC). CSC is a statewide organization which is comprised of MS4 permit holders to provide a unified voice for legislative, regulatory, technical and educational purposes. The CSC is a recognized stakeholder in stormwater issues statewide and is leading the way for sound implementation of regulatory programs and is leveraging funds to expand opportunities for better technical tools	December 31, 2008
Add additional rows as needed.		

2. Using Educational Materials and Strategies – List and briefly describe your programs/methods for distributing educational materials or conducting outreach activities that have the goal of promoting changes in behavior to protect water quality.

	Public Education Program Element – Educational Materials and Strategies ***List each program element, briefly describe. Provide the year(s) for implementation or state "ongoing" for currently implemented programs.***	Implementation Year or "Ongoing"
2.a	The Village uses the partners listed above to develop and distribute educational and outreach materials to target audiences such as students, residents, homeowner associations, and businesses. Educational materials and strategies are provided as appropriate which is dependent on the target audience. Distributed materials include such things as stickers, beach balls, seed packets, etc. that both display messages as well as refer to organization's web site for more information. Opportunities for public contact include such events as festival booths and science curriculum at schools.	Ongoing
2.b	During the first permit term, the Village came to find the best way to reach residents and businesses with water quality educational material and outreach was to provide information in the monthly Greenwood Village Newsletter (GV newsletter). Residents showed little interest in brochures, surveys and public meetings. The Village will continue to educate the public regarding water quality issues through the use of GV newsletter articles in order to implement the public education and outreach minimum measure.	Ongoing
2.c	The Village will provide Cherry Creek Reservoir nutrient education information by publishing a GV newsletter article once a year.	December 31, 2009
2.d	The Village will continue to maintain a web page for stormwater quality issues that will provide information regarding stormwater quality and include newsletter articles on the site. The Village's website also provides links to other websites of interest to educate the public and provide feedback. These links include EPA, CDPHE, CCSP and SPLASH.	Ongoing
2.e	The Village will continue its student education program that utilizes a large working model of a stormwater system. A demonstration is presented on how their everyday activities have the potential to pollute our waterways. The model demonstrates how rain transports these pollutants into our waterways and water bodies and thus causing them to be impaired. In the past, the Village Public Works Department has hosted an annual "Greenwood Village Maintenance Day" which invites students to visit the maintenance facility and learn about Public Works services. The engineering program presents this demonstration as a station at this event.	Ongoing
2.f	The Village will continue to provide an annual leaf recycling program for at least 14 days. The program allows for residents to drop off (loose or bagged) leaves at Village Greens Park. Recycling leaves via this program results in the reduction of leaves introduced into water bodies, thereby reducing oxygen demand to decompose leaf litter. There is no charge for the recycling program and it is advertised in the GV Newsletter so that residents are notified of the program.	Ongoing

2.g	The Village currently has 61 pet waste stations which are serviced once a month. By providing free bags, the amount of pet waste in stormwater is reduced which in turn reduces nutrient load and pathogens in the receiving streams. In addition to providing pet waste stations, the Village passed an ordinance which requires pet owners to immediately remove and properly dispose of pet waste.	Ongoing
2.h	Since 1992, the Village has provided free household hazardous waste collection via a curb side pickup on an on-call basis. The program currently collects household hazardous waste produced by non-commercial activities and is available to residential households and Village employees. The Village advertises this program in the GV newsletter to inform residents of this program.	Ongoing
Add additional rows as needed.		

3. Signage and Stenciling –List and briefly describe any outreach incorporating signage, inlet stenciling, etc. As applicable, include in the description any commitments to maintain and/or replace signage and stenciling as necessary, including those implemented under the previous permit.

	Public Education Program Element – Signage and Stenciling ***List each program element, briefly describe. Provide the year(s) for implementation or state "ongoing" for currently implemented programs.***	Implementation Year or "Ongoing"
3.a	100% of all new storm sewer inlets installed by the Village will convey stormwater information. Inlets will either be pre-manufactured with a water quality stamp or a specially ordered GV water quality marker will be installed.	Ongoing
3.b	A GIS map will be developed that indicates which inlets that convey water quality information.	December 31, 2010
3.c	The Village will inspect and maintain storm sewer inlet markers/storm sewer information installed since the first permit cycle.	December 31, 2010
3.d	The Village will install educational trail signage in parks such as in the Marjorie Perry Nature Preserve.	December 31, 2013
Add additional rows as needed.		

4. Reaching Diverse Audiences – Describe how the program elements listed in the tables in Items 1, 2, and 3, above, are providing outreach to diverse audiences. Provide in your descriptions cross references to the applicable program elements listed in the tables. Examples: using bilingual materials, free household chemical collection, events are free and open to public, information and materials distributed are free and readily available, etc.

Add Description Here
The partnerships previously listed allows for the Village to provide outreach to diverse audiences including residents, businesses, students, and contractors. Participation with these entities has enabled the Village to incorporate diverse viewpoints and areas of concern in the outreach and education that these groups utilize. Stormwater booths at community festivals reach across a diverse population and are free to the public. The public participation elements such as the leaf recycling program, bags for pet waste pickup in

parks and on trails, and an on call service for curb side pick up of household hazardous waste are all free thus available for use by all economic statuses.

The GV newsletter is an ideal media since it is sent to all residents and businesses in the Village thereby guaranteeing a wide circulation to the Village's target audience. The GV newsletter is free of charge and is distributed on a monthly basis and every newsletter article includes a contact name and number should there be any questions or concerns. The newsletter includes articles on water quality, pet waste, household hazardous waste pickup, illicit discharges and other general items of concern (leaf and tree recycling programs, street sweeping, etc.).

It is recognized that some of the residents and contract labor may be Spanish speaking. Thus educational materials targeting general contractors and landscape maintenance contractors may need to be bilingual for maximum effectiveness.

5. Illicit Discharge Education to Businesses and the Public– Describe how the program elements listed in the tables in Items 1, 2, and 3, above, inform businesses and the general public of impacts associated with illegal discharges and improper disposal of waste. Provide in your descriptions cross references to the applicable program elements listed in the tables. Examples: distributing educational materials, maintaining a website with applicable information, offering household chemical curbside pickup service, coordination with Industrial Pretreatment Program for business inspections, publishing or distributing information targeting specific business sectors, etc.

Add Description Here

Articles posted in both the GV Newsletter and the website feature water quality articles associated with illegal discharges and improper disposal of waste to make the residents and businesses aware of what activities are considered illicit. The articles also provide Village staff contact information in the event that the residents and/or businesses have questions or would like to provide information on observation of improper actions.

The public participation elements such as the leaf recycling program, bags for pet waste pickup in parks and on trails, and call in service for curb side pickup of household hazardous waste are all free and easy to use by residents thus encouraging their participation and helping to decrease the frequency of their improper disposal.

Education targeting landscaping contractors for both residents and office buildings help decrease the frequency of excess fertilizers, grass clippings and other debris being deposited in the roads and washed into the storm sewers.

6. Additional Requirements - Cherry Creek Reservoir Basin discharges (COR-080000 only) – Describe how the program elements listed in the tables in Items 1, 2, and 3, meet the additional education requirements for discharges to the Cherry Creek Reservoir Basin in Part I.B.1(a)(4) of COR-080000. Provide in your descriptions cross references to the applicable program elements listed in the tables. Specifically describe how the program elements result in the distribution of educational materials or equivalent outreach that address pollutant sources that have a significant potential to contribute phosphorus and nitrogen loads to State waters at a rate that could result in, or threaten to result in, exceedance of the chlorophyll a standard in Cherry Creek Reservoir. The outreach should focus on residential, industrial, agricultural, and/or commercial sources within the MS4.

Add Description Here

Although a small area of the Village resides in the Cherry Creek Reservoir Basin, of which a majority is comprised of residential areas, the Village will continue to partner with the entities listed above to address fertilizer and weed control in the Cherry Creek Reservoir Basin. There are minimal commercial areas within the Cherry Creek Reservoir Basin.

The Village partners and provides funding to the CCSP to distribute educational materials or outreach that addresses pollutant sources which have a significant potential to contribute phosphorous and nitrogen loads to the Cherry Creek Reservoir Basin. In the past, CCSP operated an annual booth at Tagawa Gardens (a large garden center in the Cherry Creek Reservoir Basin), of which discussed fertilizer use, weed control, and topics specific to the Cherry Creek Reservoir Basin.

The Village will also continue to focus to raise awareness and address pollutant sources via the CCSP annual conference, a community festival booth, the Cherry Creek "Run for the Watershed" relay race and by publishing articles in the GV newsletter, website and the working storm sewer model. The Village will accomplish this via continuing to participate with its partners on educational and participation events in the Cherry Creek Reservoir Basin and the methods will vary throughout the permit term.

Some past materials utilized to increase watershed awareness in the Cherry Creek Reservoir Basin include: inlet signage, giveaways such as beach balls, seed packets, stickers, frisbees, brochures targeting lawn care, household wastes and construction site management.

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.

II. PUBLIC PARTICIPATION/INVOLVEMENT

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 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 –List your local public notice requirements.

Add Description Here
The Village's public notice requirements are as follows: A. The City Council shall designate the legal newspaper of the city by resolution. B. Any ordinance, resolution, notice or advertisement of the City which is required to be published shall be published in the newspaper designated by resolution of the city council as the city's legal newspaper. C. If publication in the city's legal newspaper is not feasible, the city may publish any ordinance, resolution, notice or advertisement in any newspaper which meets the requirements of a legal

newspaper in Arapahoe County (Ord. 2003-16 § 1 (part)). *The Villager* has been designated by City Council as the legal newspaper. Additionally, the Village will publish an article in the GV newsletter and forward a letter (to parties in the project area) a notice of public hearings, public meetings and notification of project construction (as applicable).

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 website, brochure, phone book listing, internal phone lists, hot line, etc.

	Public Involvement/Participation Program Element – Public Feedback ***List each program element, briefly describe. Provide the year(s) for implementation or state "ongoing" for currently implemented programs.***	Implementation Year or "Ongoing"
2.a	All Greenwood Village newsletter articles, newspaper articles and website pages shall include the statement "for more information, please contact, staff name and staff number."	Ongoing
2.b	Procedures are in place to ensure calls are directed to the water quality staff in the Environmental Service Area of the Public Works Department. Names and office numbers are on internal phone lists, cell numbers and 2-way numbers are in Village phone addresses and e-mail addresses are in Village contact lists.	Ongoing
2.c	As part of illicit discharge training, a laminated card is provided to Greenwood Village Police Department staff (GVPD), Community Development and Public Works Staff for reference during illicit discharges or spills. The card has a summary of emergency and non emergency contact information including the CDPHE 24/7 spill hotline, GV staff phone numbers and environmental contractors that provide on-call cleanup.	Ongoing
2.d	In partnership with CCSP and SPLASH, the Village provides community stewardship projects for the public to participate in and also provide an opportunity to provide feedback. Some examples include volunteer work days (planting and weed removals), Cherry Creek run for the watershed relay, cleanups along Cherry Creek, etc.	Ongoing
2.e	In the upcoming permit term, the Village will post the new CDPS program on the website for public review and comment and water quality questions will be added to its annual Greenwood Village quality of life survey.	2010
Add additional rows as needed.		

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.

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* <u>*no later than* ***December 31, 2009.***</u>

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 -. Describe the status of your outfall map; i.e., has it been completed as required by the previous permit? Briefly describe the process that has been implemented for updates to the map when new outfalls are constructed.

Add Description Here
An outfall map in GIS was completed as required in the previous permit term and is utilized for annual dry weather screenings per the permit requirements. The mapping also includes the entire storm sewer system with pipes, inlets and manholes. The mapped system is updated for new construction, site reconnaissance and video inspections. When new systems are constructed or improvements are made to existing systems, as-builts are provided by the contractor to the Village staff for updating the map. Having the entire system mapped, assists in tracking down illicit discharges to the source for elimination.

2. Regulatory mechanism –List all ordinances (or other applicable controls) used to implement the Illicit Discharge Detection and Elimination program. For all ordinances/controls, provide the title, date of adoption/revision, and a brief description of the authority granted (e.g., provides enforcement authority, inspection authority, etc.).

Add Description Here

The following ordinance is utilized to implement the illicit discharge detection and elimination within the Village:

Ordinance 03-2005 for repealing and reenacting sections 8.02.040, 8.02.060, 8.02.090, 8.02.100, 8.02.120, 8.04.10, 8.04.060, 8.04.070, 8.01.080 and 8.04.200 of the Greenwood Village Municipal Code and repealing sections 8.02.070 and 8.02.080 of the Village code related to nuisances (adopted February 2005). Ordinance 03-2005 adopted changes to the nuisance regulation of the Village code to add provisions relating to illicit discharges and drainage issues. This ordinance grants authority to inspect, enforce and abate illicit discharges.

8.02.040 – Specifies right of entry for Village inspectors onto private property including entry by the local fire district in the case of an emergency illicit discharge.

8.02.060 – Specifies procedures for notice of abatement including the time limits for abatement of illicit discharges.

8.02.090 – Specifies that any illicit discharge found in on any street, avenue, alley, sidewalk, highway, public right-of-way, public grounds, park, recreation facility, or public property may be abated by the Village without notice and responsible party shall be responsible for the actual cost of abatement, plus a 5% inspection surcharge.

8.02.100 – Specifies the Village's right to bring an action in any court of record for the prevention, restraining, abatement or enjoining of any illicit discharge.

8.02.120 – Specifies the recipient of any property subject to a notice of abatement the right to protest the charge.

8.04.10 – Specifies that any litter that becomes suspended in, carried by or mixed with stormwater shall be deemed an illicit discharge.

8.04.060 –Defines illicit discharges out of or from, or permit to flow from any structure, vehicle container or place, any liquid or substance of any kind hat is not composed entirely of stormwater, into or upon any adjacent ground or lot in the City, whether public or private. It also defines those non-stormwater discharges that are not illicit discharges as defined in the CDPS permit.

8.04.070 – Defines any offal that becomes suspended in, carried by or mixed with stormwater shall be deemed an illicit discharge.

8.01.080 – Deems it unlawful to allow silt, dirt, rocks or other materials to travel or escape from private property by means of erosion, drainage, wind or other movement onto or across any other property.

8.04.200 – Defines that any refuse that becomes suspended in, carried by or mixed with stormwater shall be deemed an illicit discharge.

3. Illicit Discharge Detection and Elimination Plan –Briefly describe plans and procedures in place for the following required actions:
   - Locating priority areas likely to have illicit discharges
   - Tracing the source of illicit discharges
   - Removing the source of illicit discharges

Add Description Here

Due to the various sources of illicit discharges, there are several methods the Village utilizes to locate, trace, remove and prevent future illicit discharges:

Locating priority areas:

As part of the procedures for locating priority areas, the Village has used a three prong approach:

- The first prong depends on Village employees recognizing and reporting suspected problems. Engineering Service Area staff provides training to Public Works, Community Development and GVPD employees to recognize, identify and report illicit discharges (emergency and non emergency procedures). The training is combined with good housekeeping and construction site training and is provided to employees that are in the field on a routine basis.
- The second prong relies on a public contact line (Public Works main phone number) which allows the public to quickly notify the Village of possible illicit discharges. The Village also provides a contact number in GV newsletter articles regarding illicit discharges and also posts the public contact line to the website.
- The third prong relies on dry weather visual screenings of which are performed by Village staff to help identify continuous discharges that may be the result of illicit connections. Once an illicit discharge at an outfall is identified, the Village will perform follow up inspections until the illicit discharge is eliminated.

Tracing the source of illicit discharges:

- The Village has mapped the entire storm sewer system including pipes, inlets and manholes and has identified contributors to storm sewer discharges via a study completed in December 2003 of which identified major sources of stormwater pollutants. Once a suspicious flow is detected, the map is utilized to track the system upstream to find the source.

Removing the source of illicit discharges:

- Once an illicit discharge is identified, the Village will trace it to locate the source and work with the responsible party to ensure abatement is accomplished. The Village's right to inspect, abate and charge the responsible party is outlined in Ordinance 03-2005. The Village has a procedure to respond to emergency and non emergency illicit discharges which is described in Item 4. Staff Education below.

4. Staff Education – List program(s) to educate staff and contractors in the field on observing, reporting, and responding to illicit discharges. You may provide a cross reference to the Municipal Operations program if this program element is covered there. Briefly describe the type (e.g., class room, web based, briefings, etc) and frequency of training program(s) conducted. If training has not been fully implemented, provide a measurable goal in Part D, below.

Add Description Here

The Village provides annual training to Public Works, Police Department and Community Development staff in a classroom style environment. The training is as follows:

- Illicit discharge training is held for Public Works, GVPD and Community Development staff to provide information on how to identify and respond to an emergency and non emergency illicit discharge. As these employees typically work in parks, streets, drainage ways and the Village facilities, they have the opportunity to provide a visual drive by observation of these areas and respond to calls regarding illicit discharges. The training consists of overview of pollutants, visual detection, first response and how to intervene to prevent the pollutants from entering the storm sewer and waterways, and staff contact information for notification of such activity so that responsible cleanup efforts can be completed. Training materials include handouts, a wallet size card with CDPHE 24/7 contact number and Village staff contact information, a city code summary regarding nuisance violations and illicit discharges, question and answer sessions and videos.

- The Village is also currently working with a consultant to inventory available spill response materials and provide training for first response operations. This information and training will be provided to GV staff in the upcoming permit cycle.

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 ***List each program element, briefly describe. Provide the year(s) for implementation***	Implementation Year
3.a	N/A staff training programs have been implemented and are ongoing.	Not applicable
Add additional rows as needed.		

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 BMP's 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 BMP's.*

      C) *Requirements for construction site operators to implement BMP's 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, on going 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 – List all ordinances (or other regulatory mechanisms) your Construction Sites program is operating under that allow you to require BMPs and enable sanctions to ensure compliance. For all ordinances/mechanisms, provide the title and date of adoption/revision.

Add Description Here
The Village operates under the regulatory mechanisms and ordinances summarized below: • **City of Greenwood Village's Drainage Criteria Manual (GVDCM), adopted and revised February 2005.** The purpose of the GVDCM is to prescribe the minimum design and technical criteria for storm drainage within the Village. The manual includes environmental protection criteria including standards for erosion control, nonpoint source pollution control, and wetlands preservation; and adopts as a secondary code the current edition of the Urban Storm Drainage Criteria Manual, first published by the Urban Drainage and Flood Control District, Denver, Colorado in March, 1969. The purpose of the Urban Storm Drainage Criteria Manual is to prescribe the minimum design and technical criteria for the analysis and design of storm drainage facilities. (Ord. 2005-2 § 1 (part),

adopted February 7, 2005).

- **City of Greenwood Village's Construction Site Management Manual (GVCSM) adopted and revised February 2005**.
  The purpose of the GVCSM is to prescribe the minimum design and technical criteria for construction within the Village. The GVCSM contains criteria for site work permits including standards for flatwork, grading, and landscaping permits; contains environmental protection criteria including standards for erosion and sediment control plans; and contains sanitation and safety criteria for construction sites.
  Note: As stated in Ordinance No. 2, Series of 2005 and Section 12.16.030 of the Greenwood Village Code, violations of the GVCSM are punishable by the penalty set forth in Section 12.20.010 of the Greenwood Village Code, and the Village may also seek remedies under Title 8 of the Greenwood Village Code. (Ord. 2005-51§ 2; Ord. 2005-2 § 1 (part), adopted December 19, 2005 and February 7, 2005).

- **City of Greenwood Village Municipal Code, Section 12.16.30 Violation and Penalty**. This states that it is unlawful for any person to fail to comply with any provision of the GVDCM or the GVCSM. Violations shall be punishable by the penalty set forth in Section 12.20.010. Each day during which the illegal construction, reconstruction, alteration, maintenance, use or noncompliance with conditions continues shall be deemed a separate offense, and shall be punishable as such.

  B. In addition to the penalties provided in subsection A of this section, it shall be deemed a nuisance for any person to fail to comply with any provision of the GVDCM and GVCSM, and the Village may pursue all remedies provided in Title 8 of this code. (Ord. 2005-2 § 1 (part)).

- **City of Greenwood Village Municipal Code, Section 12.20.010 Penalty.** It is unlawful to violate any of the provisions of this title. Any person, partnership, joint venture or corporation who is convicted of a violation of any of the provisions of this title shall be punished by a fine of not more than four hundred ninety-nine dollars, or by imprisonment for a period of time not to exceed one hundred eighty days, or by both such fine and imprisonment. (Ord. 1988-43 § 17).

Note: Although the GVCSM states a site work permit is not required for activities performed as a part of a Village Municipal/Capital Improvements Project (CIP), the CIP plans are still required to follow the GVDCM and GVCSM guidelines.

2. Requirements for construction site operators to implement appropriate erosion and sediment control BMPs and materials handling BMPs - List the design criteria, BMP manuals, or fact sheets used to guide construction site operators in the selection and design of appropriate BMPs, stabilization methods and materials handling practices. For all items, provide the title and date of adoption/revision.

Add Description Here

The following items are utilized to guide construction site operators in the selection and design of appropriate BMPs, stabilization methods and materials handling practices:

For both private and municipal/CIP projects, the Village utilizes the GVDCM (adopted and revised February 2005) which references the use of the current edition of the UDFDC Vol. 3 for BMP design, stabilization methods and materials handling practices.

- **City of Greenwood Village's Construction Site Management Manual (adopted and revised February 2005).**
  As stated in item 1. above, the purpose of the GVCSM is to prescribe the minimum design and technical criteria for construction within the City. The GVCSM contains criteria for site work permits including standards for flatwork, grading, and landscaping permits; contains environmental protection criteria including standards for erosion and sediment control plans; and contains sanitation and safety criteria for construction sites. Per the GVCSM, Erosion and Sediment Control plans shall be prepared and implemented for areas of disturbance in excess of 10,000 square feet. Projects with disturbed area less than 10,000 square feet may still be required to provide sediment and erosion control measures.

3. Requirements for construction site operators to control waste including discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste –List all ordinances (or other regulatory mechanisms) used that require construction site waste control. For all ordinances/mechanisms, provide the title and date of adoption/revision.

Add Description Here

The following requirements are utilized for construction site operators to control waste:

a. **City of Greenwood Village's Construction Site Management Manual (adopted and revised February 2005)** requires construction site operators to provide adequate construction waste facilities to contain solid waste, concrete washout, and liquid waste and hazardous materials of which shall be contained and disposed of at a proper waste depository. Per the manual, concrete truck wash out must be contained on site or hauled off site and disposed of at a proper waste depository.

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

   a. Site Plan Development: Briefly describe your requirements for construction site operators to develop stormwater control site plans based on the minimum design criteria.

   b. Site Plan Review: Briefly describe your site plan submittal, review, and preliminary approval process (e.g., is a checklist used?). Describe your system to track status of stormwater control site plans. Describe procedures for ongoing review of site plans during active construction (e.g., how are plans reviewed after construction starts and is additional approval required for revisions?) The MS4 is not required to review and/or approve all plans, but must demonstrate adequate project oversight to prevent inadequate plans.

   Describe how consideration of potential water quality impacts is achieved (e.g., ordinance requires a permit, which requires a plan, which requires that water quality impacts be considered; water quality impacts are required to be addressed by development code; etc.). The MS4 is not required to review and/or approve all plans, but must demonstrate adequate project oversight to prevent inadequate plans.

Add Description Here

a. Site Plan Development:

Construction sites with disturbed areas less than 10,000 square feet may be required to provide the BMPs discussed in Chapter 3 of the GVCSM. Construction sites with disturbed areas greater than 10,000 square feet will be required to prepare the maps required for the Erosion and Sediment Control Plan in Chapter 3 of the GVCSM. Construction sites with disturbed areas of at least 1 acre will be required to prepare both the narrative and the maps required for the Erosion and Sediment Control Plan that in Chapter 3 of the GVCSM.

b. Site Plan Review:

For municipal/capital improvement projects, the Engineering Service Area reviews plans submitted at 30, 60 and 90% design stage including Erosion and Sediment Control Plans. For ongoing review of Erosion and Sediment Control Plans during active construction, should there be any changes to the plans due to changing field conditions or construction phasing, these items would be discussed at weekly field meetings. Discussions typically include the Engineering Service Area staff, construction contractor and design consultant for review and approval.

For private projects, the erosion and sediment control plan that is submitted as a part of the site work (landscaping, grading and or flatwork) or building permit are reviewed by the Community Development Engineer to ensure that all requirements are met.

A review checklist per Chapter 3 of the GVCSM is used for both municipal and private projects to ensure that the review of the sediment and erosion control plan is complete.

Per the GVCSM, Chapter 3, Section 3.5, Inspection, Maintenance, and Modification of Erosion and Sediment Control Plan, it can be anticipated that erosion control measures beyond those included in the erosion and sediment control plan will be necessary due to unforeseen circumstances or because the plan may not work as intended. For this reason, an inspection and maintenance program will be a necessary component of every erosion and sediment control plan.

The BMPs and sediment ponds shall be inspected by the property owner's representative after each storm event. The actual performance of each BMP and sediment pond will be evaluated and compared with performance anticipated in the approved erosion and sediment control plan and any necessary maintenance will be completed within 24 hours. If the performance does not meet the goals of the erosion and sediment control plan, including the discharge goal, the BMPs and sediment ponds will be modified as necessary to meet the discharge goal within seven days. Modifications to the plan will be submitted to the Village for review and approval by the City Manager or designee within seven days of the stormwater discharge event which does not meet the discharge goal.

Consideration of potential water quality impacts is achieved via the GV Municipal Code Title 12, Chapter 12.16, Sections 12.16.10 and 12.16.20 which adopts the GVDCM and GVCSM in which site work permits are required for site work that includes landscaping, grading or flatwork activities that disturb more than 10 cubic yards of soil or other material. Should the site work consist of a disturbed area that exceeds 10,000 sf, a sediment and erosion control plan is required for submittal. Submittals require that water quality impacts be considered and are addressed.

5. Procedures for receipt and consideration of information submitted by the public. Describe how inquiries are processed (i.e., received by, or forwarded to the MS4 Stormwater Program) and responded to. Describe how complaints are tracked and documented.

Add Description Here

Water quality calls are forwarded to Engineering Service Area staff that in turn, investigate the nature of the call, visit the site if necessary, and coordinate(s) with proper staff(s) and or property owner(s) to ensure proper corrective action is taken if necessary. Calls are responded to within 24 hours of receipt. Complaints are tracked and documented via a phone log.

The phone line for illicit discharges and water quality calls is the Public Works main number. Unlike other phones, this number is always answered during operational hours. As such, the Village will know about illicit discharges and water quality issues faster and can respond accordingly.

6. Procedures for site inspection and enforcement of control measures

a. Inspections: Describe procedures used for inspections, and list any manuals or other documentation used by your staff that includes inspection procedures. Include a description of how inspections are documented; how the frequency of inspections is determined; how sites are prioritized for inspections, if past experiences with construction site operators influence frequency; and how sites and inspections are tracked. Describe procedures for regularly scheduled compliance inspections, complaint response inspections, and reconnaissance inspections, as applicable to your program.

b. Enforcement: Describe procedures used for enforcement, and list any manuals, response guides, or other documentation used by your staff that dictate how and when a response to non-compliance is carried out and those enforcement actions are tracked. Describe enforcement tools used (e.g., withholding permits, inspections, plan review, C.O., letter of non-compliance, stop work, permit revocation, notice of violation, monetary fines, summons). Describe how enforcement actions are escalated as needed to prevent repeat violations associated with chronic or recalcitrant violators. If procedures are not already fully implemented to address chronic and recalcitrant violators, provide a measurable goal in Part D, below.

Add Description Here

a. Inspections:

For municipal/capital improvement projects, the Engineering Service Area assigns a construction inspector to every project during active construction. The erosion and sediment control inspection is a fundamental element of the construction site that is inspected on a routine basis. For sites greater than one acre, they are required to complete an inspection log at least once a month utilizing an inspection checklist.

For private projects/permits, the Community Development staff perform several inspections of the site work before, during, and after construction is completed. This is to ensure that projects are being completed in accordance with the approved erosion and sediment control plan. Any changes that occur during construction shall be submitted for review and approval by the City Manager or designee. Site work that requires an Erosion and Sediment Control Plan shall be inspected by the Owner's Representative in accordance with Chapter 3.0 of the GVCSM (summarized below). The following inspections for most site work include:

1) Pre-construction Inspection – This inspection will be performed during the review of the permit application. Existing damage to public facilities will be documented.
2) Initial Site Stabilization Inspection – This inspection will be performed at the start of the construction to ensure that any erosion and sediment control measures shown on the approved site plan are in place prior to any activities that will expose the soil.
3) Periodic Inspections – These inspections will be performed at any time during the construction period.
4) Final Grading Inspection – This inspection will be performed near the end of the construction period to ensure that the any grading shown of the approved site plan has been followed.
5) Final Stabilization Inspection – This inspection will be performed at the end of the construction period to ensure that all disturbed areas have adequate ground cover. The final stabilization shall be completed before the project is considered complete.

As stated in item 4.a above, the BMPs and sediment ponds shall be inspected by the property owner's representative after each storm event. The actual performance of each BMP and sediment pond will be evaluated and compared with performance anticipated in the approved erosion and sediment control plan and any necessary maintenance will be completed within 24 hours. If the performance does not meet the goals of the erosion and sediment control plan, including the discharge goal, the BMPs and sediment ponds will be modified as necessary to meet the discharge goal within seven days. Modifications to the plan will be submitted to the Village for review and approval by the City Manager or designee within seven days of the stormwater discharge event which does not meet the discharge goal.

For private projects and permits, Community Development staff inspects construction sites with soil disturbances in order to ensure that the BMPs are installed, inspected, and approved before any other site work is done at the construction site. Throughout the construction, if the BMPs are not being maintained, subsequent inspections will be postponed until repairs or other work has been completed to restore the BMPs. All projects/permits with soil disturbance will be inspected at least once every two months and construction sites with disturbed areas over 1 acre will be inspected at least once each month.

Currently, the Community Development engineer tracks inspections on an excel spreadsheet however for the upcoming permit term, the Village will be utilizing "Innoprise" software for issuance of permits and will modify the process to allow for tracking of inspections.

For both municipal/CIP and private property permits/projects, a complaint may warrant a re-inspection, or other follow-up actions as appropriate to the situation. 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.

b. Enforcement:

For both municipal/CIP and private property permits/projects, if other construction work is done before the required BMPs are approved by the Village, the Village will issue a verbal warning then a STOP WORK order may be issued. In addition to the initial "Site Permit/Erosion Control" inspection, Village staff will periodically inspect the condition of the BMPs throughout the construction period. Failure to adequately maintain the BMPs will result in other inspections being

postponed and could result in a STOP WORK order being issued or the issuance of a summons to appear in Municipal Court. Repeat offenses will result in a summons being issued to appear in Municipal Court. All BMPs are subject to field adjustment by the Village to ensure adequacy.

City of Greenwood Village Municipal Code, Section 12.16.30 Violation and Penalty, states that it is unlawful for any person to fail to comply with any provision of the GVDCM or the GVCSM which includes requirement for design, construction and maintenance of erosion and sediment control. Violations shall be punishable by the penalty set forth in Section 12.20.010. Each day during which the illegal construction, reconstruction, alteration, maintenance, use or noncompliance with conditions continues shall be deemed a separate offense, and shall be punishable as such.

As cited in the City of Greenwood Village Municipal Code, Section 12.20.010 Penalty, conviction of a violation of any of the provisions shall be punished by a fine of not more than four hundred ninety-nine dollars, or by imprisonment for a period of time not to exceed one hundred eighty days, or by both such fine and imprisonment. (Ord. 1988-43 § 17).

For municipal/CIP projects, final acceptance will not be issued until adequate ground cover has been established and approved. For private property projects/permits, a Certificate of Occupancy or Completion will not be issued until adequate ground cover has been completely established and approved.

Disturbances that meet the Village's requirements for a standard private property permit and municipal/CIP project are required to post a security (bond, letter of credit or cash deposit) that guarantees Village guidelines are followed per the approved plans. Failure to follow guidelines, after notification by the Village and failure to comply by the permit holder/contractor, can result in the Village using the performance security collected to perform corrective work to enforce control measures.

7. Training and Education for Construction Site Operators – This program element must, at a minimum, include an informational program for construction site operators unfamiliar with the MS4's (reviewing authority's) regulatory requirements. Describe how training/education is implemented. Describe the use of any fact sheets, pre-development documents, permit applications, pre-construction meetings, web sites, etc. that outline the MS4 (and/or State) construction requirements pertaining to stormwater.

Add Description Here

Private property cases associated with a new development or redevelopment in the Village are required to go through Community Development Department which includes the Design Review Committee/land development review process. Village staff attends meetings and outlines requirements associated with water quality impacts. Applicants are referred to the GVDCM and GVCSM and CDPHE requirements which must be adhered to for development in the Village. The applicant is directed to utilize the checklists in the manuals for submittals and when the applicant is issued a grading permit, the Village hands out a BMP brochure at the time of permit pickup.

For municipal/CIP projects, the design consultant is referred to the manuals and CDPHE requirements during project design. The design consultant provides information on the construction specifications and drawings. At the time of the prebid and or preconstruction meeting, the Village utilizes this opportunity to educate the contractor/construction site operator on the Village's MS4 regulatory

requirements.

The Village also has the manuals posted on the Village website and routinely refers applicants, consultants and contractors to the site for reference. The Village also utilizes its partners for further training opportunities:

- Cherry Creek Stewardship Partners provides workshops on MS4 permit requirements with targeted audiences, specifically contractors.
- UDFCD offers a "BMPs for Construction in Waterways" course available for site operators and municipal staff.
- Village staff attends classes/workshops in the Denver metropolitan area to learn about new technologies and techniques in erosion and sediment control (i.e., CASFM - Colorado Association of Stormwater and Floodplain Managers, etc.).
- The Village also refers contractors to the Red Rocks Community College (RRCC) which provides education and training opportunities on erosion and sediment control BMPs for those employed in the construction business.

Last, the Village Engineering Service Area staff provides construction management training to Public Works employees and Community Development staff as they typically work around public and private construction sites.

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 ***Provide the year for implementation***	Implementation Year
3.a	Fully Implement procedures to minimize the occurrence of, and obtain compliance from, chronic and recalcitrant violators of control measures.	December 31, 2009

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 – List all ordinances (or other applicable controls) used to implement the post-construction program. For all ordinances/controls, provide the title, date of adoption/revision, and a brief description of the authority granted (e.g., provides enforcement authority, inspection authority, etc.). The ordinance or other mechanism must have language requiring that new development and significant redevelopment projects disturbing more than or equal to one acre, and those less than one acre but part of a larger common plan of development or sale, incorporate stormwater management BMPs.

Add Description Here

The Village's post construction program operates under the regulatory mechanism's listed below which allow the Village to require permanent BMPs and enables sanctions to ensure compliance:

- **City of Greenwood Village's Drainage Criteria Manual (GVDCM), adopted and revised February 2005.**
  The purpose of the GVDCM is to prescribe the minimum design and technical criteria for storm drainage within the Village. The manual includes:
  - Requirements for drainage facilities for new development and redevelopment projects of which stormwater management BMPs are required if impervious areas are increased by more than 500 square feet;
  - Establishes the city's storm drainage policies and floodplain regulations;
  - Contains hydrologic criteria and methodology for determining the storm runoff design peak flows and volumes to be used in the preparation of storm drainage studies, plans, and facility design; contains environmental protection criteria including standards for erosion control, nonpoint source pollution control, and wetlands preservation;
  - Adopts as a secondary code the current edition of the Urban Storm Drainage Criteria Manual, first published by the Urban Drainage and Flood Control District, Denver, Colorado in March, 1969. The purpose of the Urban Storm Drainage Criteria Manual is to prescribe the minimum design and technical criteria for the analysis and design of storm drainage facilities. (Ord. 2005-2 § 1 (part), adopted February 7, 2005).

2. Design Criteria and Standards– List any SOPs or Design Criteria required, such as Urban Drainage Flood Control District's Volume 3 –BMP Manual, or plan review checklists, for the selection and design of appropriate structural and non-structural BMPs appropriate for the community. List any planning tools such as Master Plans, Comprehensive Plans, Zoning Plans and regional BMPs.

Add Description Here

The following are used to guide developers in the selection and design of appropriate structural and non-structural BMPs appropriate for the community:

a. GVDCM references the current edition of the **Urban Storm Drainage Criteria Manual Volume III**, and includes design checklists for BMPs, a design table for appropriateness of BMPs,

Operations and Maintenance Manual and Maintenance Agreement for all new BMPs.

b. The Village's drainage management requirements; however, are more extensive and include numerous policies not addressed in the UDFCD Storm Drainage Manual(s). Thus, by necessity, the GVDCM requires consideration of several factors not addressed in the UDFCD Storm Drainage Criteria Manual(s). In some instances, these criteria are more stringent than, and may be in conflict with, the criteria of the UDFCD Storm Drainage Criteria Manual(s). Wherever conflicts exist among the criteria, the criteria of the GVDCM shall apply in the Village. The detailed design criteria and design procedures specific for the Village are highlighted in Chapter 16 of the GVDCM.

c. GVDCM table 16.1 Stormwater Quality Management Checklist

3. Review and Approval Procedures
   i. Plan Review – Briefly describe your process for review and approval of permanent water quality control plans. Describe your system to track status of plans.
   ii. Field verification – Describe how the correct installation of BMPs is confirmed, and the enforcement procedures used when BMPs have not been built as approved.
   iii. If different procedures are used for municipal projects, roadway construction, etc., include a description here.

Add Description Here

i. Plan review:
For municipal/capital improvement projects, the Engineering Service Area reviews plans submitted at 30, 60 and 90% design stage. For private projects, permanent water quality control plans are submitted as a part of the site work (landscaping, grading and or flatwork) and or building permit(s) submittals and are reviewed by the Community Development Engineer to ensure that all requirements are met.

A review checklist per Chapter 16 of the GVDCM is used for both municipal and private projects to ensure that the reviews of the storm water quality management plans are complete.

ii. Field verification:
For municipal/CIP projects, the engineering inspectors are responsible to inspect their assigned projects and ensure the projects are compliant with the approved stormwater quality management plan. Final completion is not issued for projects that do not meet requirements and the Village will not release retainage and or security (bond, letter of credit or cash deposit).

For private property projects, the Community Development engineer/building inspectors are responsible to inspect their assigned projects/permits and ensure the projects/permits are compliant with the approved stormwater quality management plan. A certificate of occupancy/completion and release of retainage/security (bond, letter of credit or cash deposit) are not issued for projects/permits that do not meet plan requirements.

iii. Different procedures for municipal projects:
Different procedures for municipal projects are explained in the above items i. and ii.

4. Tracking – Describe how permanent BMP locations and maintenance history are tracked.

Add Description Here

For private facility permanent BMPs, locations and maintenance history are tracked using an excel spreadsheet. For the upcoming permit term, the Village plans to map the private property locations utilizing GPS and GIS.

For municipal/CIP BMPs, locations and maintenance history are tracked using GPS and a GIS map that was developed as part of the first permit term.

5. Requiring long-term operation and maintenance of BMPs – Describe how you require the long-term operation and maintenance of permanent water quality controls. List methods used, such as drainage easements; language on recorded plats requiring legal title holder be responsible for BMP maintenance; legal authority to inspect, require, perform maintenance and recoup costs; requiring creation of HOA or owner's association; and procedures to determine if BMPs are installed or constructed in accordance with specifications.

Add Description Here

For municipal/CIP facilities:
The permanent water quality controls are owned and maintained by the Village. Thus the long-term operation and maintenance is the responsibility of the Environmental Service Area which includes both drainage engineers and public works drainage maintenance crews.

For private property facilities:
Commercial and subdivision developments:
The Village Community Development Department requires a *Drainage Facilities Access Easement* be executed for commercial and subdivision developments. The easement states that the grantor of the easement allows the Village to access the facilities for inspection and maintenance or perform other acts necessary to protect the drainage facilities from damage. Should the grantor fail to maintain the facilities, there is language that outlines the process for the Village to notify the grantor of the required repairs or maintenance and should the owner fail to correct the deficiencies, the Village can perform the work at the grantor's expense. Additional language states the grantor will reimburse the Village for costs incurred by the Village for maintenance and repair activities within 30 days of receipt of written invoice by the Village.

In addition to the *Drainage Facilities Access Easement*, Section 1.7 of the GVDCM summarizes maintenance requirements of drainage facilities such that:

- All drainage studies and drawings shall include a maintenance program.
- The applicant and successors are responsible for maintenance and shall certify to the Village once every three years that necessary maintenance has been completed.
- The Village shall inspect the drainage facilities annually and shall notify the owner of any deficiencies. Should the owner not correct the deficiencies, the Village reserves the right to correct the deficiencies at its own expense and collect the expenses via a lien on the property and will utilize other lawful means of collection.

Residential facilities:
As the threshold to install BMPs on private property drainage facilities is required for any disturbance greater than 500 square feet, many private residences in the Village require a detention facility. Therefore, Section 1.7 of the GVDCM maintenance requirements will also apply.

6. Monitor long-term compliance –
    a. Inspections - Describe your inspection programs, including routine and complaint response inspections.
    b. Enforcement –List appropriate enforcement responses used, such as verbal warning to the developer/property owner, letter of noncompliance, notice of violation, chargeback to contractor for work completed by MS4 representatives, and/or municipal summons.

Add Description Here

a. Inspections:

For both municipal/CIP and private facilities, the Village inspects 50% of the detention pond post construction facilities installed after 2003 on an annual basis. When appropriate, the Village will also perform complaint response inspections upon receipt of the notification.

For municipal/CIP facilities, Village staff utilizes a checklist for inspections and identifies if the facilities are functioning as designed, receiving proper maintenance, and only allowable discharges are occurring. If a compliance or complaint response inspection determines that the BMP was not properly installed or maintained, then the Village will follow up until the deficiencies are resolved.

For private property inspections, at least one month prior to the annual inspection, an inspection notification letter is sent to the property owner to inform them of the upcoming inspection. The Community Development Engineer/Building Inspector has a written inspection procedure/checklist which outlines criteria for inspection which includes volume (sediment accumulation), outlets, inlets and ground cover. If the inspection determines that the BMP was not properly installed or maintained, the Village will follow up to ensure the deficiencies are resolved.

b. Enforcement:

Per the *Drainage Facilities Access Easement,* it states the grantor shall maintain the facilities in working condition. If after the Village's inspection of the facilities, the Village determines repair or maintenance is necessary, it will forward a written notice to the grantor, via first class mail, postage prepaid, which describes the required repairs and/or maintenance and a deadline for the work to be complete. If the grantor chooses not to perform the required repairs/maintenance or fails to perform the work to applicable Village standards, the Village may enter the property to perform the work. The Village shall provide a second written notice in the manner described above, which will include the dates and time the work will be performed. The easement language states the grantor will reimburse the Village for costs incurred by the Village for maintenance and repair activities within 30 days of receipt of written invoice by the Village.

Additionally, per Title 15, Section 15.56.040 of the Village Municipal Code, it is a nuisance for any owner, developer or occupant of property to fail to properly install, maintain or complete requirements on zoning, rezoning, final development plan, subdivision plan or plat, planned unit development plan or plat, special use permit or building permit.

Any violation of any provision of Title 15 of the Village Municipal Code states that these entities are subject to a penalty of not more than nine hundred ninety-nine dollars ($999.00) or imprisonment for a period not to exceed one hundred eighty days (180) or both and shall be subject to the abatement of nuisances provisions specified in Sections 8.06.085 through 8.06.140 of the Village Municipal Code.

Additionally, any deficiencies or other problems identified during the inspection will be considered a

violation of the GVDCM and GVCSM. The violation will be handled as a nuisance and any enforcement action will follow those procedures outlined in Title 8 of the Village Municipal Code.

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.

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 - Describe your Pollution Prevention and Good Housekeeping program. Address how oversight of the program's implementation is conducted (e.g., internal audits or reporting). As discussed in Part D, below, you have until 2009 to develop written procedures for all operations and facilities addressed under the Pollution Prevention/Good Housekeeping program. Most permittees will need to provide a measurable goal to fully audit existing procedures and to document at least some additional procedures to meet this permit requirement. The 2009 Annual Report (due March 10, 2010) must include an inventory of all documented procedures. Therefore, it is not necessary to document all currently existing procedures in this submittal.

Add Description Here

The Village owns three facilities which include City Hall, Curtis Arts and Humanities Center and the Public Works Maintenance Facility. City Hall accommodates administration and police staff and functions similar to an office complex. Curtis functions as an art gallery, showcasing the work of local artists. The Public Works Maintenance Facility accommodates Public Works staff including the Engineering Service Area, fleet service area, and parks and streets maintenance service areas. As the maintenance facility has the greatest potential to impact stormwater quality in comparison to other Village properties, the Village focuses its efforts on this property.

During the past permit cycle, the Village created and implemented a stormwater runoff control plan for the maintenance facility. The plan identified activities that are major contributors that had the potential to impact water quality. The Village implemented management controls for these activities and completed a significant construction improvement project in year five of the permit cycle.

Management controls included installation of a cover on the fuel station, covers on the material bins, a new wash bay with a sand oil separator; improved detention pond, construction of a new desalinization pond, and vegetation establishment on exposed ground.

Best management practices were developed for operations at the maintenance facility and have been the topic of staff trainings in the first permit term. Inspectors in the Environmental Service Area perform a site inspection at least once a month and generate a report of any concerns that are observed. Concerns are passed on to responsible departments for actions. New SOPs will be generated for these best management practices by December 31, 2009.

The goal of the upcoming permit cycle is to audit existing procedures and generate written procedures for operations and improvements addressed under the Pollution Prevention/Good Housekeeping program. By December 31, 2009, in addition to generating the new SOPs for the maintenance facility improvements, the Village will audit existing SOPs and as operational activities change, existing SOPs will be updated.

2. Employee Training program - Describe your program(s) to educate municipal employees on implementing procedures for the Pollution Prevention and Good Housekeeping program.

Add Description Here

The Village provides education and training on pollution prevention and good housekeeping to Public Works staff on a **yearly basis** as they are most likely to handle materials and perform activities that could impact stormwater quality. Training and education inform Public Works staff that they can still complete their activity but change the way they perform the activity in order to maintain water quality.

The education/training program is implemented in various ways which include a short presentation at Public Works department meetings and by providing specific training sessions for employees on pollution prevention/good housekeeping practices and cleanup, fertilizer application, street sweeping operations, proper waste disposal, etc.

Some of the specific training and educational efforts regarding pollution prevention and good housekeeping include the following:

- Training and educating employees and management regarding inappropriate non stormwater discharges.
- Training on spill prevention and cleanup, including spill reporting procedures, use of spill kits and drain pans, etc. Mowing/small equipment operations are required to carry trays and absorbent pads to prevent and clean up spills.
- Signage and visible instructions are posted at the maintenance facility (i.e., no dumping, spill kit locations, etc.) where allowed and as appropriate.
- Training and education on fertilizer application, street sweeping operations, proper waste disposal, snow and ice material storage, non toxic weed control (hand pulling, seeding, mowing and spot spraying to reduce herbicide being introduced into the environment during storm events and around waterways).
- Training and education on how to maintain storm sewers as the crews inspect inlets and outfalls and if necessary, remove debris.
- "*Storm Watch, Everyday Best Management Practices*" video by Excal Visual which reviews good housekeeping, spill prevention, vehicle and equipment maintenance and washing, spill reporting and response, street maintenance, outdoor storage of materials and wastes and landscaping and lawn care.
- Last, a Public Works forum was provided for employees to provide suggestions on good housekeeping and pollution prevention.

Additionally, during the past permit cycle, a training session was held for Public Works employees on the installation of the maintenance facility improvements which included a review of upkeep and required reporting measures.

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.

1. 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.)**

2. 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.)**

3. 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 ***Provide the year(s) for implementation***	Implementation Year
3.a	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.	December 31, 2009
3.b	Develop and implement procedures to provide training to municipal employees as necessary to implement the program under Item 3.a.	December 31, 2010

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT
Water Quality Control Division
WQCD-P-B2
4300 Cherry Creek Drive South
Denver, CO 80246-1530

August 9, 2007

****RETAIN A COPY OF THIS FORM FOR YOUR RECORDS****

MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4) – STORMWATER CERTIFICATION REAPPLICATION & RECORD VERIFICATION FORM

Greenwood Village, City of - COR-080004

This form is for reapplication under the Cherry Creek Reservoir Drainage Basin Municipal Separate Storm Sewer Systems (MS4s) Permit. By filling out and signing this form and returning it to the address at the top, you will have reapplied. You must return this form by **September 12, 2007**.

Permit Certification Coverage

Permittee - **Greenwood Village, City of**

Permit Coverage - **Portions of the MS4 located in an Urbanized Area the Cherry Creek Reservoir drainage basin**

Record Verification

CONFIRM THE ACCURACY OF THE FOLLOWING INFORMATION

This is the latest information that we have in our records for your facility. Please review the information carefully and make whatever changes are necessary, by crossing out the incorrect information and writing in the new.

Contact Information:

Mailing Address	-	**6060 S. Quebec Street Greenwood Village, CO 80111**
Legally Responsible Person	-	**Jim Sanderson, City Mgr.**
Phone	-	**303/486-5740**
Email	-	**jsanderson@greenwoodvillage.com**
Contact Person	-	**Suzanne Moore, Sr. Project Mgr.**
Phone	-	**303/708-6142**
Email	-	**smoore@greenwoodvillage.com**

Population

PROVIDE CURRENT POPULATION OF PERMITTED AREA

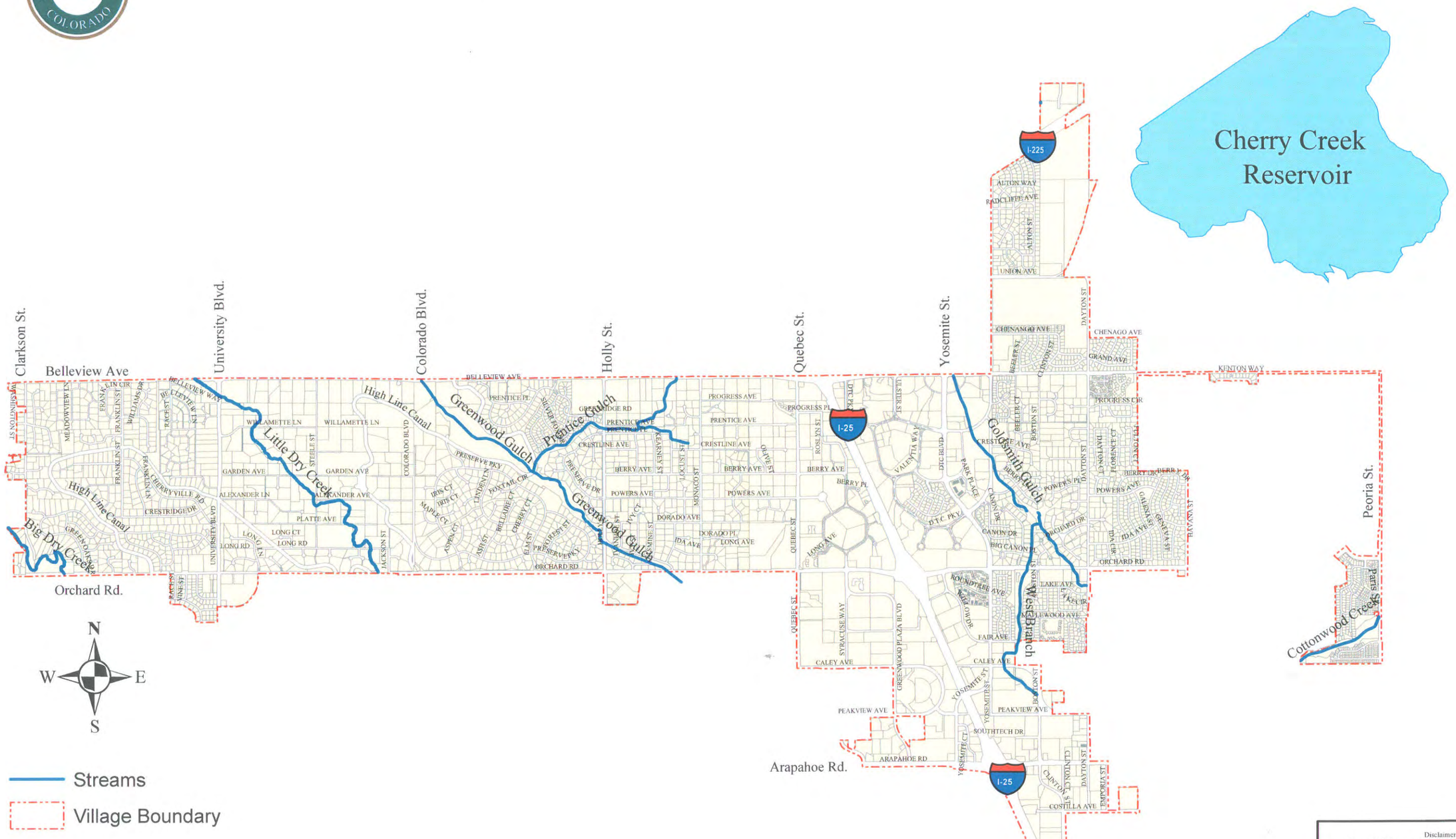
It is important that a revised estimate of the population within the permitted area is provided. Below, provide the estimate of the population. Refer to the back of this form for additional guidance.

Approximate Population Provided in 2003	-	**11035**
Approximate Current Population	-	13440
Source of Population Estimation	-	Census Bureau 2006 Estimate

To complete this Reapplication, the Legally Responsible Person named above must sign the following certification:
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this form and that I believe that the information is true, accurate and complete. I understand that by completing and returning this form, I have applied for coverage under the revised general permit for Cherry Creek Reservoir Drainage Basin Municipal Separate Storm Sewer Systems (COR-080000). I certify that the CDPS Stormwater Management Program is being implemented for my municipality, and that to the best of my knowledge and belief all components and measurable goals will be completed and implemented in accordance with the program by March 9, 2008.

Signature of Legally Responsible Person	Jim Sanderson Printed Name	8/24/07 Date Signed

MS4 JURISDICTIONAL MAP OF GREENWOOD VILLAGE



Disclaimer
Greenwood Village makes no warranty as to the accuracy of this map and assumes no responsibility or liability to any user. This map is not a legal document. It is intended to serve as a graphical representation only.