



February 19, 2016

Emma Trewhitt
Nebraska Department of Environmental Quality
Suite 400, The Atrium
1200 N Street
P.O. Box 98922
Lincoln, NE 68509-8922

RE: Storm Water Management Plan Annual Report for City of Hastings sMS4 permit
#NER300002

Dear Ms. Trewhitt,

This letter transmits a copy of our 2015 Annual Report for reporting period 01/01/15 through
12/31/15.

Sincerely,

Deb Bergmann

Deb Bergmann

Environmental Engineering Assistant
Office: (402) 461-2339
Cell: (402) 469-7063
Email: dbergmann@CityofHastings.org

Cc: D.Wacker
J.Newlun

City of Hastings

Phase II MS4 Annual Report for 2015

For Reporting Period: 01/01/15 through 12/31/15



**Authorization to Discharge under the NPDES Stormwater
Phase II Municipal Separate Storm Sewer System (MS4)
General Permit**

Authorization No. NE 300002

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Executive Summary

In August 2005, Hastings submitted the Notice of Intent for coverage under the NDEQ General Permit for Phase II Municipal Separate Storm Sewer Systems (MS4) Discharges for Small Cities within the State of Nebraska. Hastings also submitted portions of the Stormwater Management Program (SWMP) as required by the permit. The SWMP identifies the Minimum Control Measures (MCMs), the Best Management Practices (BMPs), measurable goals, and implementation schedules for the MCMs. The permit requires the submission of an annual report to the NDEQ for each permit year within ninety (90) days after the anniversary date of the permit coverage which commenced on January 1, 2006 for Hastings. As required by the permit, Hastings evaluated the implementation of the BMPs for each MCM and assessed the overall compliance with the MCMs.

This annual compliance evaluation report fulfills the MS4 permit requirement to assess compliance with permit conditions, appropriateness of Best Management Practices (BMPs), and progress towards statutory goals of the permit and Measurable Goals established for each Minimum Control Measure (MCM). The attached report presents the results of this assessment and brief summaries representing implemented activities as required by the Nebraska Department of Environmental Quality (NDEQ) Permit NER300000.

Due to the fact that the Phase II programs are currently operating under an administrative extension on the current permit, the City of Hastings has continued to focus on the original SWMP. This evaluation indicates that Hastings is in compliance with the current SWMP. Additional focus has been toward construction, post-construction, illicit discharge detection, pollution prevention and good house-keeping. We are continuing to run our program under the old permit until the new stormwater permit is issued, at which time a new SWMP will be developed.

Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated 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 submitted, this document 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.

Deb Bergmann

February 18, 2016

Deb Bergmann
Environmental Engineering Assistant
City of Hastings, Nebraska

Date

Permittee Information

Permittee: City of Hastings, Nebraska

Contact Person(s): Vern Powers, City Mayor
Deb Bergmann, Environmental Engineering Assistant

Mailing Address: City of Hastings, 220 N. Hastings Ave., Hastings, NE 68901

Contact Phone Number: (402) 461-2339

Authorization Number: NER 300002

Authorization Date: January 1, 2006

Annual Report Due Date: April 1, 2016

Reporting Period: January 1, 2015 – December 31, 2015

Have any areas been added to the MS4 due to annexation or other legal means? No

Status of Compliance with Permit Conditions

The City of Hastings is in compliance with the Phase II MS4 General Permit conditions. The City has developed a comprehensive SWMP according to the requirements of the permit including BMPs, measurable goals, and implementation schedules for each of the MCMs.

For this annual report, the permittee has evaluated compliance with regard to the SWMP implementation schedule and the measurable goals. The permittee is in compliance with these previously submitted implementation schedules. To the best knowledge of the permittee, all required documentation and records are currently accounted for and stored in a centralized records database or file.

Progress towards Achieving the Statutory Goal of Reducing the Discharge of Pollutants to the waters of the State of US

Implementation of BMPs consistent with the provisions of the SWMP required pursuant to 40 Code of Federal Regulations (CFR) 122.33 and 122.34 constitutes compliance with the standard of reducing pollutants to the Maximum Extents Practical (MEP).

For this annual report, the permittee has evaluated its compliance in regards to the SWMP implementation schedule and has assessed the appropriateness of each BMP as described in Section 3. The permittee has made progress towards achieving the statutory goal of reducing the discharge of pollutants to the maximum extent possible. To the best knowledge of the permittee, all required documentation and records are currently accounted for and stored in a centralized records database or files.

Description and Schedule for Implementation of any Additional BMPs or Monitoring that may be Necessary to Ensure Compliance with any Applicable Total Maximum Daily Load (TMDL)

The City of Hastings does not currently discharge to any stream segments that have approved TMDLs during this reporting period.

Notice of Reliance on another Government Entity to Satisfy some of the Permit Obligations (if Applicable) and a Copy of the Written Agreement with that Entity

The City of Hastings does not rely on another government entity for compliance with any part of this permit. The City of Hastings is actively involved in the Nebraska Stormwater Cooperative (NSWC) and many public education items are based off of the Nebraska H₂O public education program.

Permit and Contact Information

This report covers activities which occurred between January 1st to December 31st, 2015.

Permitting Authority: Nebraska Department of Environmental Quality (NDEQ)

Permit Number: NER 300002

Permit Type: MS4 General Permit

Permit Name: City of Hastings SWMP

Date Issued: January 1, 2006 **Date Expires:** December 31, 2010. Currently, the City of Hastings is under an administrative extension, per NDEQ.

General Information for MS4 Operator

Operator Name: Deb Bergmann

Operator Title: Environmental Engineering Assistant

Represented Entity: City of Hastings, Nebraska

Mailing Address: 220 N. Hastings Avenue
Hastings, NE 68901

Phone Number: (402) 461-2339

Email Address: dbergmann@cityofhastings.org

Population: 25,093

Area (sq. mi.): 13.66 mi²

Official Website: www.cityofhastings.org and www.nebraskah2o.org/hastings

General Information for Primary Contact Person

Name: Deb Bergmann

Title: Environmental Engineering Assistant

Phone Number: (402) 461-2339

Email Address: dbergmann@cityofhastings.org

Receiving Waters:

Little Blue River

Big Blue River

Thirty-Two Mile Creek

Section 1:

Progress towards Achieving Measurable Goals

Minimum Control Measure 1: Public Education and Outreach

BMP 1: Develop and Distribute Educational Materials.

Date of activity: Ongoing

Description: KHAS-TV Weather Guide Brochure and Educational Campaign.

Title: Severe Weather Safety Educational Guide and Stormwater Commercial.

Cost: \$5321.00

Delivered to: General Population.

Distribution: Viewing area of 150,000. 134 commercial runs-30 seconds. 10,000 brochures.

Summary: The brochure continues to be distributed to many locations encouraging individuals to visit the Nebraska H2O website to gain information on how to better manage stormwater. This information is distributed throughout the tri-cities area and used in numerous school presentations throughout the year as well. Commercials aired throughout the year.

Date of activity: Ongoing

Description: Platte River Radio Educational Campaign

Title: Platte River Radio Weather Eye Sponsor

Cost: \$4104.00

Delivered To: General Population

Distribution: Listening area of 150,000.

Summary: Platte River Radio website contains links to Weatherology and H₂O resources.

Date of activity: Ongoing

Description: Educational kiosk on hike/bike trail.

Title: "Stormwater Station" educational kiosk

Cost: \$1364.00

Delivered to: General Population

Distribution: Varies according to trail traffic.

Summary: "Stormwater Station" is an educational kiosk located on the City's hike and bike trail. The kiosk has a sign that educates hikers/bikers with a bench for them to rest while they learn about stormwater management. Project labor was provided by local Boy Scouts. Stormwater educational brochures are available at the kiosk as well.

Date of activity: August 2015

Description: Distribution of Stormwater educational materials at the State Fair.

Title: Let's Protect our Water

Cost: \$13597.00

Delivered to: General Population.

Distribution: 5000 H₂O tote bags with same number of brochures.

Summary: H₂O tote bags were handed out, each bag containing one brochure, one pen, one pencil, and one of the following: mini-tool, ice scraper, chip clip, or sunscreen. An additional 4000 drink bottles were handed out separately. All items featured the H₂O logo and website address.

BMP 2: Develop Public Service Announcements.

Date of activity: Ongoing

Description: Public service announcements (PSAs) were distributed in various media.

Titles: *Household Hazardous Waste Day, Illegal Dumping, Our Water-Our Responsibility, Household Hazardous Waste: Less Toxic Alternatives, Where to Get Rid of It, and Nebraska H₂O.*

Cost: \$0 (using existing supplies)

Delivered to: General Population

Distribution: Listening/Viewing area of 150,000.

Summary: Platte River Radio and the City's website contain links to Weatherology and H₂O Resources.

BMP 3: Develop Educational Materials for the Website.

Date of activity: Ongoing

Description: City of Hastings Stormwater Management Website & H₂O Website.

Title: Current updates on local events, best management practices, and permit requirements

Cost: No direct costs

Delivered to: General Population

Distribution: There were an estimated 4,376 hits to the site.

Summary: The H₂O website is utilized by a large majority of Phase II communities. Each community can update activities within their communities. A large amount of information and educational materials are available.

BMP 4: Develop Household Awareness Survey.

Household awareness surveys were completed in 2007 and 2009. No additional activities were scheduled for the BMP listed this reporting period.

BMP 5: Develop call in system for citizens.

Date of activity: Ongoing

Description: Dedicated email address and phone number is available to citizens to request information or report pollution issues.

Title: stormwater@cityofhastings.org or (402) 461-2339

Cost: No direct costs

Delivered to: General Population

Distribution: Both the email address and the phone number have been in place from the

beginning of the permit term.

Summary: The email address and phone number are accessible from several sites, including the H₂O website, the City website, and can be found on all stormwater management brochures.

Minimum Control Measure 2: Public Involvement & Participation

BMP 1: Organize Public Meetings to educate the public on stormwater.

Date of activity: Ongoing

Description: Nebraska Stormwater Cooperative Meeting

Title: Nebraska H₂O

Cost: \$0

Delivered to: The Cooperative consists of ten Phase II communities in Nebraska consisting of a population of greater than 10,000. These communities include Hastings, Beatrice, Columbus, Fremont, Grand Island, Kearney, Lexington, Norfolk, North Platte, and Scottsbluff.

Distribution: Cooperative members and City employees.

Summary: The Cooperative utilizes a group effort to develop ways to best implement each City's respective Stormwater Management Plan. Multiple items have been discussed and implemented including writing ordinances, public education and computer management programs. Post-Construction will continue to be a main focus in 2016.

Date of activity: May 2014

Description: Water and Earth Jamborees

Title: Nebraska H₂O

Cost: \$0

Delivered to: 5th and 6th grade students from area schools.

Distribution: Estimated 300 students

Summary: The Water and Earth Jamborees educate 5th & 6th grade students through a variety of hands-on learning experiences that highlight the role of being a good steward of the environment.

BMP 2: Participate/Sponsor Community Environmental Events.

Date of activity: April 2015

Description: Hazardous waste collection

Title: Household Hazardous Waste Collection Day

Cost: \$10,852.89

Delivered to: General Population

Distribution: Grey Digital Media, Hastings Tribune, City bulletins

Summary: 650 vehicles collected 35,338 pounds of materials and 550 gallons of waste oil and antifreeze. The following table is a breakdown of materials collected.

2015 Household Hazardous Waste Day	
<i>Material</i>	<i>Weight/Volume</i>
<i>Paint & Recycled Materials</i>	8860 lbs.
<i>Computers, TVs</i>	21,962 lbs.
<i>Waste Oil</i>	400 gal.
<i>Antifreeze</i>	150 gal.
<i>Lead Acid Batteries</i>	1,800 lbs.
<i>Pesticides/Chemicals/Acid-Based Materials</i>	2,153 lbs.
<i>Fluorescent Bulbs, CFLs</i>	558 lbs.
<i>Mercury</i>	5 lbs.

Date of activity: Ongoing

Description: Nebraska Floodplain and Stormwater Management Association (NeFSMA)

Title: NeFSMA

Cost: \$125/membership

Delivered to: NeFSMA members

Distribution: 100 members in 50 organizations

Summary: NeFSMA meetings and discussions involve stormwater topics that directly impact all Phase II communities under NPDES regulations.

BMP 3: Develop a Stormwater Inlet Stenciling Program.

Date of activity: Ongoing

Description: Stormwater inlet identification

Title: Storm Inlet Stenciling Program

Cost: \$0 (used existing supply of stencils)

Delivered to: General Population

Distribution: 25 inlets

Summary: Missing/illegible inlet markers replaced as identified.

Minimum Control Measure 3: Illicit Discharge Detection and Elimination

BMP 1: Illicit Discharge Ordinance and Detection Program.

Date of activity: Ongoing

Description: Illicit discharge detection

Title: Illicit Discharge Program

Cost: No direct costs

Delivered to: General population

Distribution: Cooperative members and City of Hastings employees

Summary: The following table is a summary of the calls/investigations received during 2015. To date, all calls have been addressed without the need for enforcement measures.

Complaint #	Date	Received by	Location	Site Inspection	Resolved
1	4/7	Engineering	1222 Webster	Yes	Yes
2	5/20	Engineering	Stuff-it Storage	Yes	Yes
3	5/28	Engineering	1314 North Shore	Yes	Yes
4	5/15	Engineering	Madden & Nathan Way	Yes	Yes
5	6/4	Engineering	Lakeridge & Merle	Yes	Yes
6	6/24	Engineering	CCC-Community Drive	Yes	Yes
7	10/14	Engineering	Lincoln School	Yes	Yes

BMP 2: Dry Weather Inspections.

Date of activity: Ongoing

Description: Outfall visual inspections

Title: Outfall Inspections

Cost: No direct costs

Distribution: Outfalls have been mapped and are available on the City's website.

Summary: No dry weather flows were noted in 2015.

BMP 3: Storm Sewer Mapping.

Date of activity: 2013

Description: Updating of storm sewer maps

Title: Storm sewer mapping

Cost: \$0

Distribution: City of Hastings

Summary: GIS mapping of storm sewers was completed in previous permit year. The maps can be used in conjunction with the IDDE Program to track illicit discharges and areas of stormwater related complaints.

Minimum Control Measure 4: Construction Site Stormwater Runoff Control

BMP 1: Develop an Erosion and Sediment Control Ordinance.

Date of activity: 2009

Description: Develop an erosion control ordinance

Cost: No direct costs

Distribution: developers, contractors, and builders

Summary: The ordinance was completed in a previous permit year.

BMP 2: Develop a Site Inspection and Plan Review Program.

Date of activity: Ongoing

Description: Site plan review and inspections

Cost: No direct costs

Summary: The City of Hastings requires copies of stormwater management plans, Notices of Intent (NOIs), and Erosion & Sediment Control plans for all construction projects greater than one acre in size or part of a larger development.

BMP 3: Educate Contractors and the Development Community.

Date of activity: Ongoing

Description: Site plan review and inspections

Summary: The City of Hastings partners with the Nebraska Local Technical Assistance Program (LTAP) in training the City's employees and the development community with certifications in Erosion and Sediment Control Training for Designers, Erosion and Sediment Control Inspectors, and Earthwork Training and Certification.

Date of activity: Continuous

Description: Provide program related materials and education on the City of Hastings and Nebraska's H₂O site.

Summary: Provide information on best management practices and related documents.

BMP 4: Develop Design Standards.

Date of activity: Ongoing

Description: Evaluation of design standards.

Summary: Standard construction specifications are being developed to include in all City of Hastings owned projects. The City is preparing to create a design standard while partnering with Nebraska H₂O.

Minimum Control Measure 5: Post Construction Stormwater Management

BMP 1: Develop a Post Construction Ordinance.

Date of activity: The City of Hastings completed its ordinance (2010). The ordinance was written as a foundation to future Post Construction program developments and goals.

Delivered to: Development stakeholders

Distribution: Nebraska H₂O cooperative attended as a participant in the advisory meeting.

Summary: Continued progress is planned for a design guide for post-construction within the permit cycle.

BMP 2: Develop BMP Inspection and Plan Review Standard Operating Procedures.

Date of activity: Completed (2010)

Summary: The City has started inspecting City BMPs to identify maintenance issues.

The Inspection and Plan review process allow the communities to ensure that the provisions of the Post-Construction Ordinance are being followed. Standard Operating Procedures will act as guidelines for the inspection and plan review process.

BMP 3: Develop Education Materials for the Development Community.

Date of activity: Completed (2010)

Summary: See MCM 4, BMP 3, for educational details. The construction and post construction educational effort works closely together and can be combined. The development community continues to utilize the “Best Management Practices” handbook provided by the City of Hastings for guidance and education information.

Minimum Control Measure 6: Pollution Prevention & Good Housekeeping
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BMP 1: Develop Training Material for City Employees.

Date of activity: Completed

Delivered to: City of Hastings employees

Description: Stormwater training for City Employees

Distribution: Utilities, Public Works, Parks and Recreation, Solid Waste, Maintenance and Public Safety.

Summary: Obtain training materials for City employees that will generate interest in stormwater-related issues. Increase employee awareness of how their actions at work and at home can affect stormwater runoff water quality. Many types of training exist throughout the City’s program. For example, all park and recreation employees are trained in turf management and pesticide/fertilizer application. The City of Hastings also hosts an eight-hour Hazmat Refresher course.

BMP 2: Evaluate Street Sweeping Program.

Date of Activity	Cubic Yards	Miles	Yards per mile
January	375	714	0.525
February	150	340	0.441
March	190	720	0.263
April	260	715	0.363
May	140	340	0.411
June	175	640	0.273
July	170	650	0.261
August	188	620	0.303
September	240	720	0.333
October	960	900	1.066
November	1696	1604	1.057
December	260	790	0.329

Summary: The City of Hastings operates two sweepers when conditions permit. Street sweeping provides primary benefits to the storm sewer infrastructure.

BMP 3: Evaluate Municipal Operations

Date of activity: Ongoing

Description: Evaluation and continuous updating of the Facility Runoff Control Plan (FRCP) for the Street Department.

Summary: In 2011 FHU was contracted to establish a Facility Runoff Control Plan. The plan provides training to ensure workers could be qualified inspectors of their facilities. City “Hot Spots” were identified by evaluating each facility for its potential to release pollutants based off a points system. If the facility falls under the Hot Spot criteria, a maintenance FRCP site questionnaire is completed on that facility.

Minimum Control Measure 7: Stormwater Monitoring

BMP 1: Develop Standard Operating Procedures for Conducting Wet Weather Monitoring

Summary: No activities were scheduled for this BMP during the report period.

BMP 2: Best Management Practices (BMPs) Assessment Monitoring.

Summary: No activities were scheduled for this BMP during the report period.

Section 2

Summary of Possible Activities Planned for Permit Year Future

BMP Activity	Target Audience	Frequency	Implemented By:
TV Public Service Announcement: Water quality impacts from urban stormwater and water infrastructure.	General public	Periodically	Ongoing
City Newsletter: Article on stormwater quality and public participation events.	General public City staff	Continuously	Completed
Local Media: Ad promoting Nebraska H ² O.	General public	Continuously	Ongoing
Posters: Public awareness about stormwater.	General public City staff	Continuously	Ongoing
Display Board: Public awareness about stormwater program.	General public City staff Contractors	Continuously	Ongoing
Booth at Local Event: Have a booth about the stormwater program.	General public	Yearly	Ongoing
Free Promotional Items: Purchase and distribute Nebraska H ² O items.	General public Scout programs	Continuously	Ongoing
Public Meeting: Presentation for erosion and sediment control.	General public City staff Contractors	Bi-Annually	Completed
Public Meeting: Discuss program at Nebraska Stormwater Cooperative meetings.	General public City staff	Regularly scheduled meetings	Ongoing
Brochures / Flyers: Various program-related topics including water quality impacts to stormwater: household chemical disposal options, proper on-site sewage disposal system maintenance, proper use of fertilizers and pesticides, recycling and re-use benefits, motor oil pollution prevention, responsible pet ownership.	General public	Continuously	Ongoing
Stormwater Website: Nebraska H ² O / City of Hastings	General public	Continuously	Ongoing
“Where to Get Rid of It” Solid Waste Program	General public	Continuously	Ongoing
Recycling Opportunities: Curbside, Christmas tree, and paper recycling program.	General Public City staff	Continuously	Ongoing
Household Hazardous Waste Day: Disposal event coordinated with City of Hastings Solid Waste Department	General public Students	Every two years	Ongoing

BMP Activity	Target Audience	Frequency	Implemented By:
Storm drain Marking: Storm drain marking program.	General public schools, non-profit & civic organizations, & internships.	Continuously	Ongoing
Inspections: City inspection of reported illicit discharges.	General Public City staff Contractors	As necessary	Ongoing
Enforcement: Take appropriate action to abate pollutant source.	City-wide, all sources	As necessary	Ongoing
Site Plan Review: Review and modify current process of pre-construction site plan review for construction water quality impacts.	City staff	All site plans for commercial, industrial, and residential developments will be reviewed.	Ongoing
Environmental Phone Line: Answer questions, give guidance, take complaints.	General public	Continuously during office hours, voice mail available after hours to leave messages	Ongoing
Training: Municipal Stormwater Pollution Prevention video.	City staff	Offer once during permit cycle	Completed
Training: Spill Response	City staff	Offer once during permit cycle	Completed
Training: How to conduct inspections effectively.	City staff	Offer once during permit cycle	Completed
Training: Stormwater and City activities.	City staff	Offer once during permit cycle	Completed
Inspections: Conduct MS4 complaint inspections and track chronic sources, initial City facility inspection, and Good Housekeeping inspections.	City-wide	Quarterly inspections by facility supervisors. Annual assessment by stormwater program manager.	Ongoing
Enforcement: Take appropriate action to abate pollutant source.	City-wide, all sources	As necessary	Ongoing
Street Sweeping	City staff	Periodically throughout city as needed. Record collected materials and miles swept.	Ongoing

Section 3

Summary of All Best Management Practices and Associated Minimum Control Measures Possible for Next Year

BEST MANAGEMENT PRACTICES	PUBLIC EDUCATION	PUBLIC PARTICIPATION	ILLCIT DISCHARGES	CONSTRTION	POST-CONSTRUCTION	GOOD HOUSEKEEPING
Brochures / Flyers (options)						
Water quality impacts from urban stormwater	X		X	X	X	
Household chemical disposal options	X	X	X			X
Proper on-site sewage disposal system maintenance	X		X			
Proper use of fertilizers and pesticides	X		X		X	X
Recycling and re-use benefits	X	X	X			
Getting involved in stormwater program	X	X				
Benefits of trees	X	X			X	
Motor oil pollution prevention	X	X	X			X
Responsible pet ownership	X		X			
Construction Erosion & Sediment control BMPs	X			X	X	
Chemical storage and disposal at City facilities						X
City good housekeeping						X
Training						
NDOR Training for Designers			X	X	X	X
NDOR Training for inspectors			X	X	X	X
Stormwater Pollution Prevention Videos						X
Stormwater and City activities						X
MS4 Mapping						
MS4 system map			X			X

BEST MANAGEMENT PRACTICES	PUBLIC EDUCATION	PUBLIC PARTICIPATION	ILLCIT DISCHARGES	CONSTRTION	POST-CONSTRUCTION	GOOD HOUSEKEEPING
GIS database & designation of priority areas	X	X	X	X	X	X
Administrative						
Discuss Phase II Program at public cooperative meetings	X	X				
Review and pass ordinances for MCMs			X	X	X	
Program development of policies and procedures to administer MCMs			X	X		
Site Plan review to include water quality				X	X	
Public information receipt procedures	X	X	X	X	X	X
Enforcement			X	X	X	X
Environmental phone line	X	X	X	X	X	X
Stormwater website	X	X	X	X	X	
TV public service announcement	X					
Article in local newspaper	X					
Street sweeping						X
Trash collection program						X
Community Involvement						
Stormwater posters	X					X
Display board	X					
Booth at local event	X					
Recycle event	X	X	X			
Recycling opportunities	X	X	X			X
Household hazardous waste program	X	X	X			
Storm drain marking	X	X	X			
Free promotional items	X					

BEST MANAGEMENT PRACTICES	PUBLIC EDUCATION	PUBLIC PARTICIPATION	ILLCIT DISCHARGES	CONSTRTION	POST-CONSTRUCTION	GOOD HOUSEKEEPING
Inspections						
Complaint investigations for MS4 system			X			X
Source tracking of pollutants in MS4			X			X
Inspection of construction sites				X	X	
Good housekeeping inspections of City property						X

Section 4

Assessment of the Appropriateness of Identified Best Management Practices

Minimum Control Measure # 1: Public Education & Outreach

Upon assessment of all Best Management Practices under this MCM it was found that each BMP was appropriate and effective. While most required Measurable Goals for the fifth permit year were achieved, the more successful activities included brochures/flyers, newspaper articles, TV & Radio commercials promoting the Nebraska H₂O media campaign, and the construction of the “Stormwater Station” kiosk.

Minimum Control Measure # 2: Public Participation & Involvement

Upon assessment of all Best Management Practices under this MCM it was found that each BMP was appropriate and effective. While most required Measurable Goals for the fifth permit year were achieved, the most successful activities included public meetings, the Rain Garden Workshop, community cleanup events, and the Household Hazardous Waste Day.

Minimum Control Measure # 3: Illicit Discharge Detection and Elimination

Upon assessment of all Best Management Practices under this MCM it was found that each BMP was appropriate and effective. While all required Measurable Goals for the fifth permit year were achieved, the most successful activities included brochures/flyers, ordinance development, and inspections of reported and discovered discharges.

Minimum Control Measure # 4: Construction Site Stormwater Runoff Control

Upon assessment of all Best Management Practices under this MCM it was found that each BMP was appropriate and effective. While all required Measurable Goals for the fifth permit year were achieved for developing, the most successful activities were the development of erosion and sediment control ordinances, a site inspection and plan review for permitting, and the education

of contractors and the development community.

Minimum Control Measure # 5: Post Construction Stormwater Management

Upon assessment of all Best Management Practices under this MCM it was found that each BMP was appropriate and effective. Currently, Measurable Goals for the fifth permit year have been completed, including ordinance activities.

Minimum Control Measure # 6: Pollution Prevention/ Good Housekeeping for Municipal Operations

Upon assessment of all Best Management Practices under this MCM it was found that each BMP was appropriate and effective. While all of the required Measurable Goals for the fifth permit year were achieved, the most successful activities included training events, facility evaluations, the Facility Runoff Control Plan developed for Street Department, and the development and modification of SPCC plans for facilities, street sweeping, and recycling opportunities.

Minimum Control Measure # 7: Stormwater Monitoring

Upon assessment of all Best Management Practices under this MCM it was found that each BMP was appropriate and effective.

Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated 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 submitted, this document 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.

Deb Bergmann
Environmental Engineering Assistant
City of Hastings, Nebraska

Date

Certification

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Deb Bergmann
Environmental Engineering Assistant
City of Hastings, Nebraska

Date