Nebraska Department of Environmental Quality Authorization to Discharge under the NPDES Storm Water Phase II Municipal Separate Storm Sewer System (MS4) General Permit

Authorization No. NE 300002

City of Hastings

Phase II MS4 Annual Report for Permit Year Eight

For Reporting Period: 01/01/13 through 12/31/13

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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 Storm Water 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.

The evaluation shows that Hastings is in compliance with the SWMP that has been amended. Furthermore, this evaluation indicates that Hastings has excelled in many of the Measurable Goals and has made exceptional progress, accelerating the implementation of several BMPs. Additionally, the City has performed additional BMPs not stated in the Storm Water Management Plan (SWMP). We are continuing to run our program under the old permit until the new storm water 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
Environmental Engineering Assistant
City of Hastings, Nebraska

Date

Permittee Information

Permittee:	City of Hastings
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, 2014
Reporting Period:	January 1, 2013 – December 31, 2013

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

Status of Compliance with Permit Conditions

The Permittee is in compliance with the Phase II MS4 General Permit conditions. The Permittee has developed a comprehensive SWMP according to the requirements of the permit including BMPs, Measurable Goals, and implementation schedules for each of the seven MCMs. For this Annual report, the Permittee has evaluated compliance in regards 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 files.

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 extent possible.

The Permittee has developed a comprehensive SWMP according to the requirements of the permit including BMPs, Measurable Goals, and implementation schedules for each of the seven MCMs. 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 Storm Water Cooperative (NSWC) and many public education items are based off of the Nebraska H_2O public education program.

Section 1:
Progress towards Achieving Measurable Goals

Minimum Control Measure: 1	**Public Education and Outreach**					
BMP Title: 1	***Develop and Distribute Educational Materials***					
Other MCMs Material Applies To:	Public Education	Public Participation	Illicit Detection	Construction	Post Construction	Housekeeping
	X	**X**	**X**	**X**	**X**	**X**
Suitable For:	General public – adults, schools (5^{th}-12^{th}), business owners, contractors, developers, builders, consulting engineers, City staff					
Measurable Goals	Media campaigns will be developed and implemented by the Group or by the City. Educational materials will be distributed to member communities under the direction of the Group. Evaluation of materials and media campaigns by tracking feedback and public participation in the campaigns will be done by the Group or the City. Evaluation reports for media campaigns and educational materials that have been distributed to the public will be reviewed on an ongoing basis in a timely manner after the distribution is completed. A summary of all activities will be included in the City's annual report.					
2013 Completed Tasks	• Printed brochures with various topics were distributed. • H_20 Commercials					

	Permit Year				
BMP Steps and Schedule	**1**	**2**	**3**	**4**	**5**
The Group will develop education materials and media campaigns.	X	X	X	X	X
The Group will recommend educational materials and media campaign ideas to the Group's member communities.	X	X			
The Group will approve materials and allow funds for their production.			X	X	X
The Group or City will track inventory and distribution of materials to members.			X	X	X
The Group will direct the distribution of materials to member communities.			X	X	X
Evaluation and inventory tracking by database will be ongoing.	Continuous				
Summary of all activities will be included on the annual report.	Continuous				

The following is a list of the brochures, flyers, and miscellaneous materials that were developed or distributed:

Brochures/Flyers
Nebraska H2O Brochure "Our Water... Our Responsibility." Printed: 4500, Distributed: 3750, Inventory: 750
City of Hastings Solid Waste Brochure "Where to get rid of it" Printed: 1000, Distributed: 1000 (Also available on "Go Green" Hastings website.)
City of Hastings Solid Waste Flyer "Green Waste Composting" (Promoted on City of Hastings website.)
City of Hastings Solid Waste Brochure "IMA Oildrop" Printed: 200, Distributed: 200, Inventory: 0
City of Hastings Solid Waste Brochure "Household Hazardous Waste-Steps to Safe Management" Printed: 750, Distributed: 500, Inventory: 250
City of Hastings Solid Waste Brochure "Our Environment is precious" Printed: 750, Distributed: 500, Inventory: 250
City of Hastings Solid Waste Brochure " Household Hazardous Waste: Less Toxic Alternatives" Printed: 1000, Distributed: 700, Inventory: 300
Other Printed Materials:
KHAS Weather Guide NE H2O ads 10,000 Copies were distributed by KHAS in their viewing area.
TV and Radio:
TV commercial, produced by Nebraska H2O and given to communities to run on local stations. Public Service Announcements (PSA)
Radio: (2007) *PSA; 4 PSA were produced by Nebraska H20 and given to Communities* *"Our Water... Our Responsibility"* *"Don't Feed the Storm Drain"* *"Earth 911"& "The Call"* (2008) *PSA; 2 PSA were produced by Nebraska H20 and given to Communities* *"Rubber Duck"& "Illegal Dumping (Hastings)* (2009) *PSA; 2 PSA were produced by Nebraska H20 and given to Communities* *"Neighborhood" & "Rain Garden Workshop (Hastings)* (2010) *PSA; 2 PSA were produced by Nebraska H20 and given to Communities* *A continuation of airtime from previously produced commercials were aired in.*
Miscellaneous Promotional Items:
Nebraska H2O/Walter the Walleye T-Shirts Printed: 180 (2007), Distributed: 100 (2007); 25 (2008); 55 (2009), Inventory: 0 *Nebraska H2O Sport Packs* Printed: 3000 (2009), Distributed: 500 (2009), 1500 (Outdoor Expo 2009), Inventory: 0 900 (Kool-Aid Days 2010); 100 (2011)

Nebraska H2O Sport Fliers
Printed: 2000 (2009), Distributed: 25 (2009), 1000 (Outdoor Expo 2009), Inventory: 0
900 (Kool-Aid Days 2010); 75 (2011)
Nebraska H2O Sport Bottles
Printed: 3000 (2009), Distributed: 100 (2009), 1500 (Outdoor Expo 2009), Inventory: 100
1300 (Kool-Aid Days 2010), Continuous

Nebraska H2O Blazer Pens
Printed: 5000 (2009), Distributed: 500 (2009); 2500 (Outdoor Expo 2009), Inventory: 500
1000 (Kool-Aid Days 2010), 500 (Kool-Aid Days 2011), Continuous

City of Hastings Manhole Coaster
Printed: 1000 (2009), Distributed: 200 (2009), 800 (Kool-Aid Days 2010), Inventory: 0

Summary:

BMP	**Goals Achieved**	**Total quantity of educational materials distributed**	**Effective**	**Appropriate**
Printed Materials	Yes	Weather Guide, Brochures 10,000, Newspaper articles	Yes	Yes
TV and Radio	Yes	256 TV spots KHAS TV& 4225 KHAS Radio spots	Yes	Yes
Miscellaneous	Yes	4100 items	Yes	Yes
Requested Changes to BMP:				
No changes are requested at this time.				
Note: Because some of the communities are in the same viewing or listening area, we coordinated airtime expenses or placed ads on other area TV stations to minimize expenses, maximizing the available grant funds.				

Additional Comments:
Nebraska H_2O kicked off in August 2007 and continues the education efforts of the NSWC. This media campaign was spearheaded by the City of Grand Island and now acts as the education hub for all cooperative members. The City of Hastings promotes the name *Nebraska H_2O* in conjunction with public events, on education publications, during education seminars, and on everything sponsored for storm-water related activities. The logo *Nebraska H_2O* is highly recognizable and serves as a place for residents to go when looking for information on local storm water programs. The City also worked with KHAS-TV, getting permissions to use public service announcements (PSA) produced by other states. The City started the *Illegal Dumping* campaign in 2008, which KHAS-TV produced. The City of Hastings, City of Kearney, and City of Grand Island assisted KHAS-TV with their *Weather Guide*, producing a new PSA "Neighborhood", which was aired for the campaign. The City of Hastings also participated in the Nebraska Outdoor Expo in 2009 and 2010, along with the City of Kearney, distributing promotional items. Additionally, the City of Hastings participated in the Little Blue NRD's

Water Jamboree at Liberty Cove 2009 and operates a booth at *Kool-Aid Days* at the *Keen on Green* Pavilion.

Minimum Control Measure: 1	**Public Education and Outreach**					
BMP Title: 2	***Develop Public Service Announcements***					
Other MCMs Material Applies To:	Public Education	Public Participation	Illicit Detection	Construction	Post Construction	Housekeeping
	X	**X**	**X**	**X**	**X**	**X**
Suitable For:	General public – adults, schools (5^{th}-12^{th}), business owners, contractors, developers, builders, consulting engineers, City staff					
Measurable Goals	The Group or City will be evaluating each of the Public Service Announcements distributed by the responses and feedback received from the public. The Group or City will be responsible for evaluating the effectiveness of each of the Public Service Announcements that are distributed. The Group or City will then be responsible for implementing the recommended changes in the public service announcements.					
2013 Completed Tasks	• Nebraska H20 (TV) - Ongoing • Nebraska H2O Tag Line (Radio) - Ongoing					

	Permit Year				
BMP Steps and Schedule	**1**	**2**	**3**	**4**	**5**
The Group will develop public service announcements, providing educational information to the public related to storm water for member communities	X	X			
The Group will provide public service announcements (PSAs) in various media forms to provide educational information to the public related to storm water for member communities.	X	X	X	X	X
The Group will approve and allow for the funding of the production and distribution of PSAs.			X	X	X
The Group or City will track feedback and response from the public after airing the PSAs.			X	X	X
A summary of all activities will be included in the annual report.	Continuous				

PSA titles are listed below. Printed PSAs were distributed to the following: Hastings Tribune, KHAS AM, KRNY, KKPR, KHGI TV, KHAS TV, KOLN/KGIN TV.

- Printed PSAs:
  - Electronic Waste Day
  - Household Hazardous Waste Day
- TV PSAs:

- Plop
- Rubber Duck
- Illegal Dumpling (Hastings)
- Neighborhood

- Radio PSAs:
  - Our Water…Our Responsibility
  - Don't Feed the Stromdrain
  - Earth 911
  - The Call
  - Rubber Duck
  - Illegal Dumping (Hastings)
  - Neighborhood
  - Rain Garden Workshop (Hastings)
  - Tire Recycling
  - Electronic Waste Day
  - Household Hazardous Waste Day

Summary:

BMP	Goal Achieved	PSAs Used	Effective	Appropriate
Printed	Yes	2	Yes	Yes
TV	Yes	4	Yes	Yes
Radio	Yes	10	Yes	Yes
Requested Changes to BMP:				
No changes are requested at this time.				
Note: Seven radio PSAs are paid programming by the City of Hastings beginning May 2010 on KHAS Radio. There will be ongoing PSAs promoting local events in an effort to reduce pollutants in our storm water.				

Minimum Control Measure: 1	**Public Education and Outreach**					
BMP Title: 3	***Develop Educational Materials for the Web Site***					
Other MCMs Material Applies To:	Public Education	Public Participation	Illicit Detection	Construction	Post Construction	Housekeeping
	X	**X**	**X**	**X**	**X**	**X**
Suitable For:	General public – adults, schools (5^{th}-12^{th}), business owners, contractors, developers, builders, consulting engineers, City staff					
Measurable Goals	In the public area of the website, the number of hits will be recorded. As the plan evolves, the Group will use the site to implement more programs associated with the plan. The website will be constantly evolving as elements of the SWMP are implemented. The use of data pages will be a primary function of the site for member communities. Additionally, it will also be used for the development of annual reports for the Group along with member					

	communities.
2013 Completed Tasks	• City of Hastings Storm Water information and Environmental links, Nebra*ska* H_20 and *Go Green Hastings* websites – ongoing. • NE-LTAP website has links to Nebraska H_2O website. Locally sponsored training programs can be accessed on the NE-LTAP website by clicking on the logo – ongoing.

BMP Steps and Schedule	Permit Year 1	2	3	4	5
The Group will develop an outline for the design of a group website.	X	X			
The Group will approve an outline for the website design.	X	X			
The Group will authorize funding for the website's design.	X	X			
The Group will review the completed website design and recommend needed changes before submitting the final design to the Group.		X			
The Group will approve the final design and allow funding for the implementation and maintenance of the website.		X			
Evaluation of the site and call in system will be ongoing all years of the plan.	Continuous				
A summary of all activities included on the site and information offered on the call in system will be included in the annual report.	Continuous				

Summary:

Item	Comments
City Website	The City's website has links to *Go Green Hastings*, *Nebraska* H_2O, and *Nebraska Storm Water Communities Cooperative* websites with materials directed to EPA's six minimum MCMs. The site also contains the SWMP and promotes the program.
Group's Homepage	The Cooperative added the "Special Events" section on the Group's homepage listing the events *H_2O* will be at or hosting. A call-in system was updated on the "Contacts" page of Nebraska H_2O for each community, along with their respective logo and link to each city's homepage.
Reporting	Web-based reporting for dumping complaints can be done through Nebraska H_2O or linked to the community's own web-based reporting on their local site. We also updated the "Complaint" section, allowing citizens to select their community and report illegal dumping.
Education	Information on Rain Barrels and Rain Gardens was added with links through the "Tips" page. Updates throughout the year are listed on the "What's New" page. By clicking on "The Education Tab", the Rain Barrel and Rain Garden sections inform users about them and how to build their own.
Status	The website is currently operational. The site is promoted during local events with materials to distribute and is evaluated and updated as needed throughout the year. It continues to be a part of the City's program.
Requested Changes to BMP:	
No changes are requested at this time.	

Minimum Control Measure: 1	**Public Education and Outreach**					
BMP Title: 4	***Develop Household Awareness Survey***					
Other MCMs Material Applies To:	Public Education	Public Participation	Illicit Detection	Construction	Post Construction	Housekeeping
	X	**X**	**X**	**X**	**X**	**X**
Suitable For:	All Citizens					
Measurable Goals	The Household Awareness Survey is a tool to be used to measure the effectiveness of the Groups Public Education and Outreach Program in educating the public about Storm Water related Issues.					

	Permit Year				
BMP Steps and Schedule	**1**	**2**	**3**	**4**	**5**
The Group will develop and approve a Household Awareness Survey to assess the public's knowledge of Storm Water related issues before the implementation of the Group's Public Education and Outreach Program.	X				
The Group will approve the survey and allow for funding to produce and administer the survey.		X			
The Group will produce and administer the survey in member communities in year 2 of the Plan.		X			
The Group will record the results of the survey for comparison in year 4 of the Plan.		X			
The Group will produce and administer the survey again in Year 4 of the Plan.				X	
The Group will record the results of the survey in the data base for comparison.				X	
The Group will compare the results of the surveys and report the results in the annual report for each member community and for the Group as a whole.				X	
A Public Survey will be conducted in year 5 of the Plan.					X

Requested Changes to the BMP: *No changes are requested at this time.*

Minimum Control Measure: 1	**Public Education and Outreach**					
BMP Title: 5	***Develop Call in System for Citizens***					
Other MCMs Material Applies To:	Public Education	Public Participation	Illicit Detection	Construction	Post Construction	Housekeeping
	X	X	X	X	X	X
Suitable For:	General public, business owners, contractors, developers, builders, consulting engineers.					
Measurable Goals	The Group or City will provide a call in system to enable the public in member Communities to access educational information related to Storm Water. The system may also be used to receive complaints concerning illicit discharges to the Storm Sewer System and complaints concerning Construction site Storm Water runoff. The system will have the ability to archive calls and maintain records of incoming calls from member communities and track these calls separately by Community.					
2013 Completed Tasks	Each community continues to be responsible for their own call in system. The "Contacts" page on the *Nebraska H_2O* website contains contact information for each community and instructions on reporting violations..					

	Permit Year				
BMP Steps and Schedule	**1**	**2**	**3**	**4**	**5**
The Group will develop a call in system for the public to access educational materials concerning Storm Water.	X	X			
The Group will approve the recommended call in system and allow for funding for operation, maintenance and upkeep costs of the system.	X	X			
The Group will assist in implementation of the system in member Communities.			X	X	X
The Group will operate, maintain and upgrade the system as required.			X	X	X
Evaluation of the system will be ongoing in all plan years.	Continuous				
Summary of all activities will be included on the annual report.	Continuous				

Comments:
All construction complaints were addressed within three days of complaint with actions. Illicit discharges were investigated immediately with actions. The City of Hastings developed a call number and email: storm water@cityofhastings.org which is promoted on the City of Hastings website, Nebraska H_2O website, and printed Nebraska H_2O brochures. Call in complaints or reports are tracked on the ASIST software database for the City of Hastings.

Summary:

BMP	Goal Achieved	Calls Received	Effective	Appropriate
City of Hastings Call-Ins	Yes	10	Yes	Yes
Email Complaints	Yes	4	Yes	Yes
NDEQ Complaints	Yes	0	Yes	Yes
Requested Changes to BMP:				
The centralized call in system for the group has been terminated. Each community will be responsible for their own call in system going forward (2008).				

Minimum Control Measure: 2	**Public Involvement and Participation**					
BMP Title: 1	***Organize Public Meetings to educate the public on storm water.***					
Other MCMs Material Applies To:	Public Education	Public Participation	Illicit Detection	Construction	Post Construction	Housekeeping
	X	**X**	**X**	**X**	**X**	**X**
Suitable For:	General public – adults, business owners, contractors, developers, builders, consulting engineers, City staff.					
Measurable Goals	The Group and meeting presenters will track attendance numbers at meetings. The materials distributed at the meetings will be tracked in the Resource Data Base program Developed in MCM 1 BMP 1. Feedback from the public about the meeting and materials distributed will be included in a summary report provided to the Group by the meeting presenters.					
2013 Completed Tasks	1. City Council Meetings - ongoing 2. Submitted Grant Application for LB 1226					

	Plan Year				
BMP Steps and Schedule	**1**	**2**	**3**	**4**	**5**
The City will, as part of its Public Education and Outreach Program will continue to develop materials and formats for Public Meetings to be used by member Communities in order to provide educational information about Storm Water related issues and concerns to the Public, various local and State Groups, and other storm water related associations and organizations	X	X			
Evaluation of meeting formats will be ongoing in all plan years using information gathered by the meeting presenters and the Group as each meeting.		X	X	X	X
Summary of all activities will be included in the annual report	Continuous				

Summary:

BMP	Goal Achieved	Calls Received	Effective	Appropriate
Public Meetings	Yes	8	Yes	Yes
City Council Meetings	Yes	35+ present, TV audience unknown	Yes	Yes
Open House for ESC ordinance Amendment	Yes	30	Yes	Yes
Requested Changes to BMP:				
No changes are requested at this time.				

Minimum Control Measure: 2	**Public Involvement and Participation**					
BMP Title: 2	***Participate /Sponsor Community Clean-Up Event***					
Other MCMs Material Applies To:	Public Education	Public Participation	Illicit Detection	Construction	Post Construction	Housekeeping
	X	**X**	**X**	**X**	**X**	**X**
Suitable For:	General public – adults, business owners, contractors, developers, builders, consulting engineers, City staff.					
Measurable Goals	The Group or City will provide a summary of the Clean-up events that the Group is involved in. Tracking results of events may help the organizations holding these events in the setting of goals for future events. Through member Communities working together, it is hoped the success of various Clean-up events will be increased and that the events can serve as models for other communities interested in storm water management.					
2013 Completed Tasks	• Community Redevelopment Authority (CRA) picking up litter throughout Hastings (continued throughout the year). • Spring Fling Clean Up Day.					

BMP Steps and Schedule	Plan Year 1	2	3	4	5
The Group will develop ways for the Group to assist in organization, leadership or funding of member Community Clean-up events.	X	X	X	X	X
The Group will identify ways that it can become involved in member Community Clean-Up events.	X	X	X	X	X
The Group will offer suggestions on ways the Group can become involved in member Community Clean-Up events.		X	X	X	X
The Group will review approve, as it sees fit, suggestions for involvement.		X	X	X	X
The Group will track results of events that the Group is involved in and provide a summary of the event's activities the Group for comment.		X	X	X	X
Evaluation will be ongoing in each year of the plan by the Groups summary of each event the Group is involved in.	Continuous				
Summary of all activities will be included in the annual report	Continuous				

Comments:
The City of Hastings Solid Waste Department holds the Household Hazardous Waste cleanup events biannually. CRA picks up litter throughout Hastings throughout the year. Additionally, the City was involved with Spring Clean Recycling and Clean-Up event in partnership with the Downtown Center Association. The program will continue to be tracked in order to provide more accurate numbers regarding the total amount of and type of waste collected.

Summary:

BMP	Goal Achieved	Events Held	Effective	Appropriate
Community Clean Up Event	Yes	7	Yes	Yes
CRA picks up litter throughout Hastings	Yes	Continuous	Yes	Yes
Spring Fling Event Downtown	Yes	Continuous	Yes	Yes
Hazardous Waste Collection Day	Yes	Continuous	Yes	Yes
Electronics Waste Day	Yes	Continuous	Yes	Yes
Requested Changes to BMP:				
No changes are requested at this time.				

Minimum Control Measure: 2	**Public Involvement and Participation**					
BMP Title: 3	***Participate /Sponsor Community Clean-Up Event***					
Other MCMs Material Applies To:	Public Education	Public Participation	Illicit Detection	Construction	Post Construction	Housekeeping
	X	**X**	**X**	**X**	**X**	**X**
Suitable For:	General public, schools, non-profit organizations					
Measurable Goals	The Group will track the stenciling activities in member communities and track the number of existing inlets stenciled, as well as the number of new inlets. This information will be reported to the Group by member communities so it can be included in the annual report for the individual communities and the Group as a whole.					
2013 Completed Tasks	This program was completed in Plan Year 2.					

Comments: The City of Hastings Engineering Department has have updated storm water system maps to 100% complete. Stenciling activities have been very productive in past years. The City has approached Hastings College about developing an internship. Of concern was general safety and confined space entry. To avoid issues with liability, the City hosted a confined space training course with the Nebraska Safety Council in 2008. Metal grate inlet markers were placed in key areas where illegal dumping has existed in the past. The City's ongoing effort to monitor these markers has resulted in a decrease of illegal dumping. Cub Scouts were an active participant in marking the local area, with a total of sixty-one drains marked. Door hangers were distributed in the area as well, and the event was covered by the Hastings Tribune.

	Plan Year				
BMP Steps and Schedule	**1**	**2**	**3**	**4**	**5**
The Group will develop design standards and specifications and standard operating procedures for stenciling storm water inlets in member communities.	X				
The Group will approve the submitted design standards and specifications and standard operating procedures for stenciling storm water inlets in member communities.		X			
The Group will oversee the implementation of the design standards and specifications, and standard operating procedures in member communities.		X	X	X	X
Member communities will report to the Group about stenciling activities, including the number applied and new inlets installed.		X	X	X	X
Evaluation of the stenciling program will be ongoing.		X	X	X	X
A summary of all activities will be included in the annual report.	Continuous				

Minimum Control Measure: 3	**Illicit Discharge Detection and Elimination**					
BMP Title: 1	***Illicit Discharge Ordinance & Detection Program***					
Other MCMs Material Applies To:	Public Education	Public Participation	Illicit Detection	Construction	Post Construction	Housekeeping
	X	**X**	**X**	**X**	**X**	**X**
Suitable For:	General Public					
Measurable Goals	The adoption of the Ordinance prohibiting illicit discharges along with the Illicit Discharge Elimination and Detection Program will empower member communities to take actions to eliminate illicit discharges. The Program will use a database available to member Communities as described in MCM 1 BMP 3 of the Plan. The database will be developed to track activities in the Illicit Discharge Detection and Elimination Program. The City will be able to compile data from the Data Base Program for member communities to compare and analyze data for City reporting.					
2013 Completed Tasks	This program was completed in Plan Year 2.					

	Plan Year				
BMP Steps and Schedule	**1**	**2**	**3**	**4**	**5**
The City will develop an Illicit Discharge Ordinance and Standard Operating Procedures for the Illicit Discharge Detection and Elimination Program.	X	X			
The City will submit a draft of the Illicit Discharge Ordinance and a draft of the Standard Operating Procedures for the Illicit Discharge Detection and Elimination Program to the Group's member Communities for review.			X		
The City will review and recommend changes to the draft and authorize a draft of the final documents			X		
The City will draft the final documents for approval.			X		
The City will approve the final draft of the Illicit Discharge Ordinance and accompanying Standard Operating Procedures for the Illicit Discharge Detection and Elimination Program.			X		
The City will provide support for all member communities in the process of getting the Ordinance adopted by their City Governments.			X	X	X
A summary of all activities will be included in the annual report.	Continuous				

A brief description of the reported illicit discharge investigation is listed below.

Type of Discharge	Result	Enforcement
Black Seepage	Maybe a spring near wetland	None, educated public contractor
Hauling material tracked on street	Cleaned up	None, educated personnel at industrial facility that they need to re-evaluate practices
Corn Mash	Street Department cleaned up	Educated public
Leaky vehicle	Requested responsible party clean it up	Educated public

Summary:

BMP	Goal Achieved	Illicit Discharges Reported & Closed	Effective	Appropriate
Illicit Discharge	Yes	4	Yes	Yes
Requested Changes to BMP:				
No changes are requested at this time.				

Comments:
Structural improvements (CDS units) on two outfalls leading to the mouth of Heartwell Lake were installed to capture floatable material, neutrally buoyant material (such as vegetative matter like leaves and grass clippings), nutrients, metals, sediments, and oil/grease to protect aquatic wildlife, and provide water quality measures against these pollutants. Continued maintenance of material being removed from system each quarter, or as needed, along with assessment monitoring.

Minimum Control Measure: 3	**Illicit Discharge Detection and Elimination**					
BMP Title: 2	***Dry Weather Inspections***					
Other MCMs Material Applies To:	Public Education	Public Participation	Illicit Detection	Construction	Post Construction	Housekeeping
			X			**X**
Suitable For:	City-wide improvement.					
Measurable Goals	By using a centralized data base and Standard Operating Procedures for member communities the Group will be able to compile data collected during Dry Weather Inspections of Storm Water Outfalls. The compiled data will be analyzed for each member community, showing trends and identifying problem areas. The data can be analyzed to determine overall trends.					
2013 Completed Tasks	ASIST software used for tracking purposes.					

BMP Steps and Schedule	Plan Year 1	2	3	4	5
The Group will develop Standard Procedures (SOPs) for the Inspection and sampling of Dry Weather Outfalls. Included in the SOPs will be a database program for storing the data collected from the sampling and inspections.	X	X			
The Group will approve a Draft of the Standard Operating Procedures for Inspection and Sampling of Dry Weather Outfalls.		X			
The Group will approve the draft of the SOPs and database model and allow for funding and authorization for the implementation of the SOPs for Dry Weather Inspection of Storm Water Outfalls for member Communities.		X			
The Group will implement the Data Base Program for entry of data from the Sampling and Inspection of Storm Water Outfalls for member Communities			X		
Evaluation of the Standard Operating Procedures and Data base program will be ongoing in all years of the plan.	Continuous				
Summary of all activities will be included in the annual report	Continuous				

Summary:

BMP	Goal achieved	Effective	Appropriate
Dry Weather Investigation Program	Yes	Yes	Yes
Requested Changes to BMP:			
No changes are requested at this time.			

Comment: *In year three, the ASIST database program was purchased and dry weather outfall investigations were conducted.*

Minimum Control Measure: 3	**Illicit Discharge Detection and Elimination**					
BMP Title: 3	***Storm sewer mapping***					
Other MCMs Material Applies To:	Public Education	Public Participation	Illicit Detection	Construction	Post Construction	Housekeeping
			X	**X**		**X**
Suitable For:	City-wide improvement.					
Measurable Goals	The goal of the Group is to assist member Communities in the updating of their Storm Water System Maps. Completing the maps so they may be used in conjunction with the Illicit Discharge Detection and Elimination Program to track illicit discharges, source of pollutant and areas of storm water related complaints.					
2013 Completed Tasks	GIS mapping of storm sewers is 100% completed.					

BMP Steps and Schedule	Plan Year 1	2	3	4	5
The Group will research each member community's mapping systems to recommend ways the Group can assist in updating efforts.	X	X			
The Group will review suggestions of ways it can assist communities update their Storm Water System maps.		X			
The Group will approve suggestions.		X			
Evaluation will be ongoing all years of the program.		X			
Evaluation of the Standard Operating Procedures and Data base program will be ongoing in all years of the plan.	Continuous				
Summary of all activities will be included in the annual report	Continuous				

Comments: Mapping of storm sewer system is 100%% complete. Our Engineering Department hired on an intern from Hastings College to assist our GIS Technician and Storm Water Program Manager on GPS inlets and stenciling markers. A data dictionary was completed in order to collect information.

Minimum Control Measure: 4	**Construction Site Storm Water Runoff Control**					
BMP Title: 1	***Develop an Erosion and Sediment Control Ordinance***					
Other MCMs Material Applies To:	Public Education	Public Participation	Illicit Detection	Construction	Post Construction	Housekeeping
			X	**X**	**X**	
Suitable For:	Development Community					
Measurable Goals	Having the Standard Operating Procedures for site inspection and plan review developed and a working system in place when the Erosion and Sediment Control Ordinances were adopted by member Communities was the Group's goal. The Plan Review and Site Inspection are elements that help insure that the rules contained in the ordinance are being followed in the field.					
2013 Completed Tasks	Completed in Plan Year 5.					

BMP Steps and Schedule	Plan Year 1	2	3	4	5
The Group will develop Standard Operating Procedures for Site Inspection and Plan Review of Construction sites that have land disturbing activities.	X	X	X		
The Group will review a draft of Standard Operating Procedures for Site Inspection and Plan Review for Construction Sites that involve land disturbance activities.				X	
The Group will approve the final draft of Standard Operating Procedures for Site Inspection and Plan Review.				X	
The Group will oversee the implementation the Programs Standard Operating Procedures in member Communities.					X
Evaluation will be ongoing in each year of the plan feedback will be solicited at regular intervals from all member communities	Continuous				
Summary of all activities will be included in the annual report	Continuous				

Summary:

BMP	Goal Achieved	Effective	Appropriate
Ordinance	Yes	Yes	Yes
SOP	Yes	Yes	Yes
Requested Changes to the BMP: None			

Minimum Control Measure: 4	**Construction Site Storm Water Runoff Control**					
BMP Title: 2	***Develop a Site Inspection and Plan Review Program***					
Other MCMs Material Applies To:	Public Education	Public Participation	Illicit Detection	Construction	Post Construction	Housekeeping
				X	**X**	
Suitable For:	Development Community					
Measurable Goals	Having the Standard Operating Procedures for Site Inspection and Plan Review developed and a working system in place when the Erosion and Sediment Control Ordinances were adopted by member Communities.The Plan Review and Site Inspection are elements that help insure that the rules contained in the ordinance are being followed in the field.					
2013 Completed Tasks	Completed in Plan Year 5.					

Comments:
All new commercial and proposed residential subdivisions currently will be reviewed by city staff prior to the project being excepted. In 2008, the Storm Water Management Program and Development Services began reviewing projects for minimum controls to ensure developers are aware of NDPES regulations. If the project falls under NPDES requirements, responsible parties are made aware of the minimum standards. Currently, the City relies on project engineers to establish a workable erosion and sediment control plan. We also prepare our own SWPPPs and submitting CSW-NOIs for projects that require an NPDES permit. A consulting firm was hired to help facilitate meetings within our City's management to develop SOPs for review processes.

Summary:

BMP	Goal Achieved	Plans Review	Effective	Appropriate
Ordinance	Yes	Scheduled	Yes	Yes
Requested Changes to the BMP:				
No changes are requested at this time.				

Minimum Control Measure: 4	**Construction Site Storm Water Runoff Control**					
BMP Title: 3	***Educate Contractors and the Development Community***					
Other MCMs Material Applies To:	Public Education	Public Participation	Illicit Detection	Construction	Post Construction	Housekeeping
				X	**X**	
Suitable For:	Development Community					
Measurable Goals	The primary goal is to educate as many of the contractors and members of the development community as possible with regard to erosion and sediment control. Feedback, as well as continuous monitoring of sites, should illustrate the effectiveness of our efforts.					
2013 Completed Tasks	Inspection of construction sites ongoing. Feedback will be given to individual contractors regarding their adherence to requirements.					

BMP Steps and Schedule	Plan Year 1	2	3	4	5
The Group will develop educational materials for contractors & Development Community, as well as the various associations they are associated with.	X	X	X		
The Group will develop educational materials for member Communities to review.			X		
The Group will approve the materials and authorize funding for production of the materials.			X		
The Group will distribute educational materials to member Communities and track feedback from this information.			X		
Evaluation will be ongoing in all plan years by recording feedback from the public and member communities.	Continuous				
Summary of all activities will be included in the annual report.	Continuous				

Summary:

- Mailings
  - *Developed and mailed or emailed construction newsletter to contractors, consulting engineers, and developers.*
  - *Mailed notice of open house for review of Construction & Post Construction ordinance.*
- Contractor Meetings
  - *Mailed newsletter*
  - *Met with contractors and consulting engineers on individual basis.*
- Provided NPDES Training
  - *Mailed newsletter*
  - *Met with contractors and consulting engineers on individual basis.*
- Miscellaneous Items
  - *The Nebraska Storm Water Cooperative*
  - *LTAP*
  - *Developed ESC design courses and site*

Comments: Training courses developed in conjunction with NDOR will be the main source of training provided to the area development community. Newsletters were mailed out and will continue to be utilized.

BMP	Goal Achieved	Individuals at meetings	Printed Matl.	Effective	Appropriate
NDOR ESC Design Course	Yes	2	1	Yes	Yes
NDOR Inspector Course	Yes	15	1	Yes	Yes
Requested Changes to the BMP: *No changes are requested at this time.*					

Minimum Control Measure: 4	**Construction Site Storm Water Runoff Control**					
BMP Title: 4	***Develop Design Standards***					
Other MCMs Material Applies To:	Public Education	Public Participation	Illicit Detection	Construction	Post Construction	Housekeeping
				X	**X**	
Suitable For:	Development Community					
Measurable Goals	The goal is to include Design Standards as part of the Construction Site Storm Water Runoff Controls Program to provide information and guidance for the design of effective runoff controls. The Group intends to have these Design Standards available to those affected by them as early as possible, to allow for proper project planning. By having the representatives of the people affected by the Design Standards involved in the development of those standards, the education process about the new Design Standards will be expedited. The success of the Construction Site Storm Water Runoff Control Program depends on the people involved to reduce and eliminate sediments and pollutants in storm water runoff from construction sites.					
2013 Completed Tasks	• New contractor inspection sheet was developed for City. • Evaluation of Design standards ongoing.					

	Plan Year				
BMP Steps and Schedule	**1**	**2**	**3**	**4**	**5**
The Group will develop Design Standards for Structural and Non-structural BMPs.	X	X	X		
The Design Standards will be reviewed by the Group's member Communities.			X		
The Group will approve the Design Standards as part of the Construction Site Storm Water Runoff Controls Program.			X	X	
The Group will oversee the implementation of the Design Standards in member Communities.			X	X	
Evaluation of the Design Standards will be ongoing in all years of the program.	Continuous				
Summary of all activities will be included in the annual report.	Continuous				

Comments:
Standard Construction Specifications are being developed to include in all City of Hastings owned projects. These standard specifications are not a requirement for private construction projects. Erosion and Sediment Control Specifications are included in the construction documents. The group has hired FHU to develop Design Standards and facilitate the adoption of developed standards by the Group.

Summary:

BMP	Goal Achieved	Effective	Appropriate
Design Standards	N/A	N/A	Yes
Requested Changes to the BMP:			
None requested at this time.			

Minimum Control Measure: 5	**Post Construction Storm Water Management**					
BMP Title: 1	***Develop Post-Construction Ordinance***					
Other MCMs Material Applies To:	Public Education	Public Participation	Illicit Detection	Construction	Post Construction	Housekeeping
				X	**X**	
Suitable For:	Development Community					
Measurable Goals	The Goals of the Group are to develop as a part of its Construction Site Storm Water Runoff Control Program, a Post Construction Ordinance and Standard Operating Procedure for New Development and Re-development that may be adapted to member Communities City Codes. The Ordinance is intended to identify the responsible parties for maintenance of Storm Water Controls in New Development and Re-development. Keeping controls in good repair and working correctly is a primary goal of the program.					
2013 Completed Tasks	Ordinance was passed in November 2010.					

	Plan Year				
BMP Steps and Schedule	**1**	**2**	**3**	**4**	**5**
The Group will develop a Post Construction Ordinance as the basis for a Construction Site Storm Water Runoff Control Program in New Development and Redevelopment. The Group will also develop Standard Operating Procedures and prepare drafts of both.	X	X	X	X	
The Group will submit a drafts of the Post Construction Ordinance and Standard Operating Procedures to the Groups member Communities.	X	X	X	X	
The Group will approve the final draft of the Post Construction Ordinance and the final draft of the Standard Operating Procedures as part of its Construction Site Storm Water Runoff Control Program for New Development and Redevelopment.				X	
Evaluation of the Program will be ongoing in every year of the plan.	Continuous				
Summary of all activities will be included in the annual report	Continuous				

Summary:

BMP	Goal Achieved	Effective	Appropriate
Post Construction Ordinance Draft	Yes	Yes	Yes
Requested Changes to the BMP:			
No changes are requested at this time.			

Minimum Control Measure: 5	**Post Construction Storm Water Management**					
BMP Title: 2	***Develop Best Management Practices Inspection and Plan Review Standard Operating Procedures***					
Other MCMs Material Applies To:	Public Education	Public Participation	Illicit Detection	Construction	Post Construction	Housekeeping
				X	**X**	
Suitable For:	Development Community					
Measurable Goals	The Inspection and Plan review process is how the communities know that the provisions of the Post Construction Ordinance are being followed. The Standard Operating Procedures will act as Guidelines for the Inspection and Plan Review process. By Developing the Ordinance and the Standard Operating Procedures as a Group the Ordinance and Procedures will be virtually the same in member Communities this uniformity may save confusion among the Development Community members that have ties to other member Communities.					
2013 Completed Tasks	Task completed in Plan Year 4.					

BMP	Goal Achieved	Effective	Appropriate
Post Construction Inspection/Plan Review	Yes	Yes	Yes
Requested Changes to the BMP:			
None requested at this time.			

Minimum Control Measure: 5	**Post Construction Storm Water Management**					
BMP Title: 3	***Develop Educational Materials for Post Construction BMPs***					
Other MCMs Material Applies To:	Public Education	Public Participation	Illicit Detection	Construction	Post Construction	Housekeeping
				X	X	
Suitable For:	Development Community					
Measurable Goals	Educational materials will be made available to the Development Community. The Community's participation in the design and development of BMPs is critical to reach the goal of the reduction or elimination storm water sediment or pollutants for post construction to the maximum extent practicable. Ordinance and Procedures will be virtually the same in member Communities.					
2013 Completed Tasks	Task completed in Plan Year 4.					

Summary:

BMP	**Goal Achieved**	**Effective**	**Appropriate**
Post Construction Education Materials	YES	NA	Yes
Requested Changes to the BMP:			
No changes are requested at this time.			

Minimum Control Measure: 6	**Pollution Prevention & Good Housekeeping**					
BMP Title: 1	***Develop Best Management Practices Inspection and Plan Review Standard Operating Procedures***					
Other MCMs Material Applies To:	Public Education	Public Participation	Illicit Detection	Construction	Post Construction	Housekeeping
	X					X
Suitable For:	City Employees: Utilities, Public Works, Park and Recreation, Solid Waste, Maintenance, Public Safety					
Measurable Goals	Obtain training materials for City employees that will generate interest in Storm water related issues. Increase employee awareness of how their actions at work and at home can affect Storm water Runoff water quality.					
2013 Completed Tasks	Development of training materials for this period is complete.					

BMP Steps and Schedule	Plan Year 1	2	3	4	5
The Group will develop training materials related to Storm water for City employees.	X				
The Group will develop training materials of a quality that will engage employees.	X				
The Group will review training materials		X			
The Group will approve the training materials and allow for funding of their production.		X			
The Group will produce and distribute to member communities the approved training materials.		X			
Evaluation will be ongoing in all years of the plan.	Continuous				
Summary of all activities will be included in the annual report.	Continuous				

Summary:

BMP	Goal Achieved	Individuals Trained	Printed Material	Effective	Appropriate
Confined Space Training	Yes	28	Manual	Yes	Yes
Groundskeepers	Yes	35	Various forms	Yes	Yes
Monthly Training Video	Yes	9	None	Yes	Yes
Requested Changes to the BMP:					
No changes are requested at this time.					

Additional Comments: Training will be developed in various forms. A monthly newsletter educating employees about pollution prevention methods was produced in permit year three. Many other types of training exist throughout city programs. For example, all park and recreation employees are trained in the turf management and application training. The City of Hastings Safety Committee also promotes eight hour Hazwoper training

Minimum Control Measure: 6	Pollution Prevention & Good Housekeeping
BMP Title: 2	*Evaluate Street Cleaning Program*
	X X
Suitable For:	City Employees: Utilities, Public Works, Park and Recreation, Solid Waste, Maintenance, Public Safety
Measurable Goals	The Standard Operating Procedures are intended to provide guidelines for member Communities Street Cleaning Programs. The research and comparison from researching member Communities existing programs is intended provide guidelines for a cost effective program that can be used to reduce pollutants entering the Storm Water System. The use of the Standard Operating Procedures for Street Cleaning will be evaluated for effectiveness.
2013 Completed Tasks	• Tracking street cleaning activities with ASIST Software. • Called out when there may have been an occurrence.

BMP	Goal Achieved	Effective	Appropriate
Street Sweeping Program	Yes	Yes	Yes
Requested Changes to the BMP:			
No changes are requested at this time.			

Comments:
The city operates two sweepers which run almost constantly in the spring, summer, and fall (weather permitting). The city cleans inlets with a vacuum truck and open ditch maintenance. Monitoring has been in place since 2008 with route tracking. In 2009, the City purchased vehicle GPS equipment for tracking the street sweepers, which was installed in 2010.

Minimum Control Measure: 6	Pollution Prevention & Good Housekeeping					
BMP Title: 2	*Evaluate Municipal Operations*					
Other MCMs Material Applies To:	Public Education	Public Participation	Illicit Detection	Construction	Post Construction	Housekeeping
						X
Suitable For:	City Employees: Utilities, Public Works, Park and Recreation, Sanitation, Maintenance, Public Safety					
Measurable Goals	The Standard Operating Procedures will provide guidelines to member Communities on how to evaluate municipal operations and maintenance activities related to storm water runoff. The SOPs will provide a uniform method for performing the evaluations. The					

	Group will ask member communities to return completed evaluations, which will be summarized and submitted to the Group for comment.
2013 Completed Tasks	Conducted Municipal Facility Evaluations.

BMP Steps and Schedule	Plan Year 1	2	3	4	5
The Group will develop Standard Operating Procedures (SOPs) for the Evaluation of Municipal Operations related to storm water runoff.	X				
The Group will develop SOPs to evaluate municipal operations to determine if storm water pollutants are being reduced to the maximum extent practical.	X				
The Group will submit a draft of the Procedures to the Groups member Communities for approval.		X			
The Group will approve a final draft of the SOPs for the evaluation of municipal operations.		X			
The Group will distribute the SOPs to member Communities and ask that member Communities return completed evaluations to the Committee.		X			
Evaluation of the procedures will be ongoing in all years of the plan.	Continuous				

Comments:
The process of evaluating the City of Hasting's facilities and operations performed at these facilities was completed. A FRCP was developed for the street department. These evaluations will continue and will be updated as needed. The city currently holds three industrial permits and operates separate SWPPPs for these sites, which include: the Waste Water Treatment Facility, the Whelen Energy Center, and the Landfill.

Minimum Control Measure: 7	**Storm Water Monitoring**					
BMP Title: 1	***Develop Standard Operating Procedures for Conducting Wet Weather Monitoring***					
Other MCMs Material Applies To:	Public Education	Public Participation	Illicit Detection	Construction	Post Construction	Housekeeping
			X			**X**
Suitable For:	Storm Water Management Program					
Measurable Goals	Standard Operating Procedures for wet weather monitoring will be developed for member Communities and records of the sample analyses will be kept by the Group.					
2013 Completed Tasks	Collection of samples at previous selected locations.					

BMP Steps and Schedule	Plan Year 1	2	3	4	5
The Group will develop Standard Operating Procedures for Baseline wet weather monitoring in member Communities.	X	X	X		X
The Group will submit a draft of the Standard Operating Procedures to the Groups member Communities for approval.	X	X	X		X
The Group will approve the final draft of the Standard Operating Procedures for Baseline wet weather monitoring in member Communities.	X	X	X		X
The Group will distribute the approved Standard Operating Procedures to member Communities and keep records of the sample analyses that are preformed in member communities.	X	X	X		X
Evaluation of the Procedures will be ongoing in all plan years	X	X	X		X
Summary of all activities will be included in the annual report	Continuous				

BMP	Goal Achieved	Effective	Appropriate
Evaluate operations	75%	No	Yes
Requested Changes to the BMP:			
No changes requested at this time.			

Minimum Control Measure: 7	**Storm Water Monitoring**					
BMP Title: 2	***Best Management Practices (BMPs) Assessment Monitoring***					
Other MCMs Material Applies To:	Public Education	Public Participation	Illicit Detection	Construction	Post Construction	Housekeeping
			X			**X**
Suitable For:	Storm Water Management Program					
Measurable Goals	The Wet Weather Monitoring Program assesses the effectiveness of the BMP control measures put in place in accordance with the SWMP. This Program is an effective measure for the SWMPs effectiveness in regulating the design and construction of BMP controls.					
2013 Completed Tasks	Heartwell Lake Assessment completed in a previous year.					

BMP Steps and Schedule	Plan Year 1	2	3	4	5
The Group will develop a Wet Weather Monitoring Program	X	X	X		
The Group will develop Standard Operating Procedures for a Wet Weather Monitoring Program.	X	X	X		
The Group will submit a draft of the Standard Operating Procedures to the Groups member Communities for review.	X	X	X		
The Group will approve the final draft of the Standard Operating Procedures for Wet Weather Monitoring.		X	X		
The Group will distribute the approved Standard Operating Procedures to member Communities.		X	X		
The Group will keep the sample analysis records for member Communities.				X	X
Evaluation of the Program will be ongoing in all years of the plan.	Continuous				
A summary of all activities will be included in the annual report.	Continuous				

BMP	Goal Achieved	Effective	Appropriate
Evaluate operations	Yes	Yes	Yes
Requested Changes to the BMP:			
No changes requested at this time.			

Comments: Sampling of Heartwell Lake was taken before the CDS system was installed and was retaken approximately one year later, after the system was installed. There were changes in visual floatable trash in the lake and significant results decreased from the parameters analysis.

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 storm water and water infrastructure.	General public	Periodically	12/31/14
City Newsletter: Article on storm water quality and/or public participation events	General public	Once every permit year	12/31/14
Local newspaper: Add promoting Nebraska H2O	General public	Once every permit year	12/31/14
Posters: Public awareness about storm water	General public, City staff	Continuous posting at City buildings on the table top display	12/31/14
Display Board: Public awareness about storm water program	General public, City staff	Every permit year; continuously at City building	12/31/14
Booth at Local Event: Have a booth about the storm water program	General public	As many as possible during the permit year	12/31/14
Free Promotional Items: Purchase and distribute items with water quality message Nebraska H20	General public, schools	At all public events when brochures are distributed	12/31/14
Public Meeting: Present for discussion ESC	General public and staff	Developer/Builder/Trade Contractor	12/31/14
Public Meeting: Discuss program-related items at Nebraska Storm Water Cooperative Meetings	General public	Regularly scheduled meetings	12/31/14
Brochures / Flyers: Various program-related topics including water quality impacts to storm water: 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 – adults Schools (5th – 12th)	Throughout year	12/31/14
Storm water Website: Nebraska H2O City of Hastings	General public	Continuous	12/31/14
Where to get Rid of It Solid Waste Program	General public	Continuously available	12/31/14

BMP Activity	Target Audience	Frequency	Implemented By:
Recycling Opportunities: Curbside recycling program, Spring Fling Downtown Clean-up & Recycling event, Christmas tree recycling event, Recycling Center at Woodward's or at Hastings college, city office paper recycling program	General public, City staff	Continuously or periodically available	12/31/14
Household Hazardous Waste Day: Disposal event coordinated with City of Hastings Solid Waste Department	General public	Every two years	12/31/14
Storm drain Marking: Storm drain marking program	General public, schools, non-profit & civic organizations, & internships.	Continuously available	12/31/14
Inspections: City inspection of reported illicit discharges	City-wide	Perform inspections on reported illicit discharges as needed.	12/31/14
Enforcement: Take appropriate action to abate pollutant source	City-wide, all sources	As necessary	12/31/14
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	12/31/14
Environmental Phone Line: Answer questions, give guidance, take complaints	General public	Continuously during office hours; voice mail available after hours to leave messages	12/31/14
Brochure / Flyer: Monthly training brochure on various storm water topics	City staff	Distribute as training for City staff; monthly.	12/31/14
Training: Municipal Storm Water Pollution Prevention video	City staff	Offered once during permit cycle	12/31/14
Training: Spill Response	City staff	Offered once during permit cycle	12/31/14
Training: How to conduct inspections effectively	City staff	Offered once during permit cycle	12/31/14
Training: Storm water and City activities	City staff	Offered once during permit cycle	12/31/14
Inspections: Conduct MS4 complaint inspections and track chronic sources; initial City facility inspection; and Good Housekeeping inspections	City-wide	Quarterly inspections preformed by facility supervisors. Annual assessment by storm water program manager.	12/31/14

BMP Activity	Target Audience	Frequency	Implemented By:
Enforcement: Take appropriate action to abate pollutant source	City-wide, all sources	As necessary, follow ERP	12/31/14
Rain Garden Workshop	City staff and General Public	One workshop and educational material	12/31/14
Street Sweeping	City staff	Periodically throughout city as needed. Record collected materials and miles swept.	12/31/14
Storm Water Monitoring	City Staff	Redevelop	12/31/14
Wellhead Protection Meetings	Advisory Committee and General Public	Quarterly or as needed	12/31/14

Section 3

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

BEST MANAGEMENT PRACTICES	PUBLIC EDUCATION	PUBLIC PARTICIP.	ILLICIT DISCHARGE	CONSTR.	POST-CONSTR.	GOOD HOUSEKP.
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			
How to become 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 options						X
Training						
NDOR Training for Designers			X	X	X	X
NDOR Training for inspectors			X	X	X	X
Storm Water Pollution Prevention Videos						X
Stormwater and City activities						X
MS4 Mapping						
MS4 system map			X			X
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 City	X					

newsletter						
Article in local newspaper	X					
Street sweeping						X
Trash collection program						X
Community Involvement						
Posters about stormwater	X					X
Display board	X					
Booth at local event	X					
Stormwater education program for schools	X	X				
Recycle drop-off event	X	X	X			
Bulk trash pick-up and drop-off program	X	X	X			
Recycling opportunities	X	X	X			X
Household hazardous waste program	X	X	X			
Stormdrain marking	X	X	X			
Free promotional items	X					
Inspections						
Dry weather field screening program			X			X
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 is appropriate and effective. While most required Measurable Goals for the fifth permit year were achieved, the more successful activities included brochures/flyers, newspaper articles, the TV & Radio commercials promoting Nebraska H2O media campaign and landfill.

Minimum Control Measure # 2: Public Participation & Involvement
Upon assessment of all Best Management Practices under this MCM it was found that each BMP is appropriate and effective. While most required Measurable Goals for the fourth permit year were achieved, the most successful activities included public meetings, Rain Garden Workshop, and the community cleanup events.

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 is appropriate and effective. While all required Measurable Goals for the fourth permit year were not achieved, the most successful activities included brochures/flyers, ordinance development (only needs to be adopted), and the 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 is appropriate and effective. While all required Measurable Goals for the fourth permit year were achieved for developing, the most successful activities are minimal. The City of Hastings requests modification to the BMP 4 timeline. (See Below)

Minimum Control Measure # 5: Post Construction Stormwater Management
Upon assessment of all Best Management Practices under this MCM it was found that each BMP is appropriate and effective. Currently the one Measurable Goal for the fifth permit year was completed and that was to pass the ordinance working on own standards, referring consultants to Omaha's Chapter 8.

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 is appropriate and effective. While almost all of the required Measurable Goals for the fifth permit year were achieved, the most successful activities included training events, facility evaluations, Facility Runoff Control Plan developed for street department, developing or modifying SPCC plans for facilities, street sweeping, and recycling opportunities.

Minimum Control Measure # 7: Storm Water Monitoring
Upon assessment of all Best Management Practices under this MCM it was found that each BMP is appropriate and effective.