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 Seven

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

Contents

Introduction
Executive Summary
.....3

Certification
.....4

Permittee Information
.....5

Status of Compliance with Permit Conditions
.....6

Progress towards Achieving the Statutory Goal of Reducing the Discharge of Pollutants to the MEP
.....6

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)
.....6

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
.....6

Section 1
Progress towards Achieving Measurable Goals
.....7

Section 2
Summary of Stormwater Activities Planned for Permit Year Four.....49

Summary of All Best Management Practices and Their Associated Minimum Control Measures Possible for Permit Year 3
.....53

Section 3
Assessment of the Appropriateness of Identified Best Management Practices
.....55

Section 4
Summary of the Modifications Requested By the City of Hastings to the Storm Water Management Plan (SWMP)
.....57

Appendices

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 MCMs and the 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 sixty (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. Further this evaluation indicates that Hastings excelled in many of the Measurable Goals and has program has been implemented and has performed additional BMPs not stated in the SWMP. We are continuing to run our program under the old permit until the new storm water permit is issued with a new SWMP developed at the time.

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.

_____ _____

Jeremy Groves, Date
Environmental Engineering Assistant/
Storm Water Program Manager

Permittee Information

Permittee:	City of Hastings
Contact Person(s):	Vern Powers, City Mayor Jeremy Groves, Environmental Engineering Assistant/ Storm Water Program Manager
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, 2013
Reporting Period:	1/1/12-12/31/12

Have any areas been added to the MS4 due to annexation or other legal means? Yes

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 MEP.

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 MEP. 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 H2O 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 MCM's Material Applies To:	Public Ed.	Public Part.	Illicit Det.	Constr.	Post Const.	Houskeep.
	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. The Group or City will track the distribution of educational materials inventory by the use of a resource materials data base. A summary of all activities will be included in the City's annual report.					
2012 Completed Tasks:	• Printed brochures with various topics were developed and produced. • Rubber Duck Commercial • Plop Commercial • Illegal Dumping Commercial (Hastings) • Neighborhood Commercial **(DETAILED BELOW)**					

	Permit Year				
BMP Steps and Schedule:	**1**	**2**	**3**	**4**	**5**
The Group will Develop educational materials and media campaigns	✓	✓			
The Group will recommend educational materials and media campaign ideas to the Group's member Communities	✓	✓			
The Group will approve materials and allow funds for their production.			✓	✓	✓
The Group will direct the distribution of materials to member Communities			✓	✓	✓
The Group or City will track inventory and distribution of materials to members			✓	✓	✓

Evaluation and inventory tracking by data base will be ongoing	**Continuous**
Summary of all activities will be included on the annual report	**Continuous**

Details: The names of the brochures/flyers, and miscellaneous materials that were developed or obtained are listed on following page.

Note: Brochures are available for pick up at multiple City of Hastings office locations.

Brochures/Flyers
Nebraska H2O Brochure "Our Water... Our Responsibility." **Printed: 500 (2007); 1000 (2008); 1000 (2010) Distributed: 125 (2007); 625 (2008); 500 (2009); 250 (2010)** **Inventory: 500**
City of Hastings Solid Waste Brochure "Where to get rid of it" **Printed: 1000 Distributed: 500 "Also Available on Go Green Hastings Website & City of 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 (2010) Distributed: 500 "Also Available on City of Hastings Website"** **Inventory: 300**
City of Hastings Solid Waste Brochure " Household Hazardous Waste-Steps to Safe Management *"* **Printed: 200 (2010) Distributed: 500 "Also Available on City of Hastings Website"** **Inventory: 300**
City of Hastings Solid Waste Brochure "Our Environment is precious" **Printed: 200 (2010) Distributed: 500 "Also Available on City of Hastings Website"** **Inventory: 300**
City of Hastings Solid Waste Brochure " Household Hazardous Waste: Less Toxic Alternatives" **Printed: 200 (2010) Distributed: 500 "Also Available on City of Hastings Website"** **Inventory: 300**
Other Printed Materials:
KHAS Weather Guide NE H2O adds **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.
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); 900 (Kool-Aid Days 2010)**
Inventory: 100

Nebraska H2O Sport Fliers
Printed: 2000 (2009) **Distributed: 25 (2009); 1000 (Outdoor Expo 2009) 900 (Kool-Aid Days 2010)**
Inventory: 100

Nebraska H2O Sport Bottles
Printed: 3000 (2009) **Distributed: 100 (2009); 1500 (Outdoor Expo 2009)**
Inventory: 100 **1300 (Kool-Aid Days 2010)**

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

City of Hastings Manhole Coaster
Printed: 1000 (2009) **Distributed: 200 (2009); 900 (Kool-Aid Days 2010)**
Inventory: 100

Summary:

BMP	Goals Achieved	Total quantity of educational materials distributed	Effective	Appropriate
Printed Materials	Yes	Weather Guide, Brochures	Yes	Yes

		10,000, Newspaper articles		
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 who would pay for airtime or placed on other area TV stations for the ads so we would extend the airtime play and all get the most out of our grants funds.				

Additional Comments:
Nebraska H2O kicked off in August 15, 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 H2O in conjunction with the City of Hastings at public events, on education publications, during education seminars, and on everything we sponsor for stormwater activities. It is how individuals can recognize our logo Nebraska H2O and know that this website can act as the place to go when looking for information on their local storm water programs. The City of Hastings also worked with KHAS-TV on getting permission to use PSA produced by other states to change taglines or voice overs to Nebraska H2O logos and information on *Plop* and *Rubber Duck*. The City of Hastings started an Illegal Dumping TV PSA Campaign in November 2008 which KHAS-TV produced. The City of Hastings, City of Kearney, and City of Grand Island participated with KHAS-TV with their Weather Guide and a new PSA "Neighborhood" was produced and aired for that campaign. The City of Hastings also participated in the NE Outdoor Expo in May of 2009 and 2010 with the City of Kearney and helped distribute promotional items at their expense. The City of Hastings participated in the Little Blue NRD's Water Jamboree at Liberty Cove 2009. The City of Hastings had a booth at Kool Aid Days in the Keen on Green pavilion.

Minimum Control Measure: 1	**Public Education and Outreach**					
BMP Title: 2	**Develop Public Service Announcements**					
Other MCM's Material Applies To:	Public Ed.	Public Part.	Illicit Det.	Construction	Post Const.	Houskeep.
	X	**X**	**X**	**X**	**X**	**X**
Suitable For:	General public – adults, schools, business owners, contractors, developers, builders, consulting engineers, City staff					
Measurable Goals:	The Group or City will be evaluating each of the Public Service Announcements it distributes by the response and feedback received from the public concerning the Announcement. 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.					

2012 Completed Tasks:	• 3 Printed PSA's
	• Nebraska H20 (TV)
	  ○ *Plop*
	  ○ *Rubber Duck*
	  ○ *Illegal Dumping (Hastings)*
	  ○ *Neighborhood*
	  ○ *Rain Garden Workshop Promotion*
	• Nebraska H2O Tag Line (Radio)
	  ○ *Our Water… Our Responsibility*
	  ○ *Don't Feed the Stormdrain*
	  ○ *Earth 911*
	  ○ *The Call*
	  ○ *Rubber Duck*
	• Hastings Produced with Nebraska H2O info (Radio)
	  ○ *Illegal Dumping (Hastings)*
	  ○ *Neighborhood*
	• Hastings Radio Promotions
	  ○ *Electronic Waste Day*
	  ○ *Household Hazardous Waste Day*
	
	(DETAILED BELOW)					

Permit Year

BMP Steps and Schedule:	**1**	**2**	**3**	**4**	**5**
The Group will Develop Public Service Announcements to provide educational information to the public related to Storm Water for member Communities	✓	✓			
The Group will provide Public Service Announcements in various media forms to provide educational information to the public related to	✓	✓			

Storm Water for member Communities					
The Group will approve and allow for the funding for the production and distribution of the Public Service Announcements.			✓	✓	✓
The Group or City will track feedback and response from the public about each Public Service Announcement after it runs			✓	✓	✓
Summary of all activities will be included in the annual report	**Continuous**				

Details: The title of the PSA's and known air time are below. Printed PSA's are distributed to the following: (Hastings Tribune, KHAS AM, KRNY, KKPR, KHGI TV, KHAS TV, KOLN/KGIN TV)

Summary:

Printed PSA:
Electronic Waste Day Household Hazardous Waste Day **Distributed to list above.**
TV PSA:
Plop
Rubber Duck
Illegal Dumping (Hastings)
Neighborhood
Radio PSA:
Our Water… Our Responsibility.
Don't Feed the Stormdrain
Earth 911
The Call
Rubber Duck
Illegal Dumping (Hastings)
Neighborhood
Rain Garden Workshop (Hastings)
Tire Recycling
Electronic Waste Day
Household Hazardous Waste Day

BMP	**Goal Achieved**	**PSA's Used**	**Effective**	**Appropriate**
Printed	Yes	2	Yes	Yes
TV	Yes	4	Yes	Yes
Radio	Yes	10	Yes	Yes
Note: Seven Radio commercial PSA's aired times are paid programming by the City of Hastings started May 1, 2010 on KHAS-Radio all mixed some paid some are not but air				

times are provided to the City of Hastings. There also has been PSA's to promote local events that will help reduce pollutants in our stormwater.
Requested Changes to the BMP:
No changes are requested to the BMP at this time.

Additional Comments:
In the past year effort it has been clear that paid programming is the best way to track run time results, although by being a client to KHAS-Radio there has been an increase in free PSA air time and KHAS-Radio was able to provide me with the free airtime as well.

Minimum Control Measure: 1	**Public Education and Outreach**					
BMP Title: 3	**Develop Education Materials for Web Site**					
Other MCM's Material Applies To:	Public Ed.	Public Part.	Illicit Det.	Construction	Post Const.	Houskeep.
	X	**X**	**X**	**X**	**X**	**X**
Suitable For:	General public – adults, schools, 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 on the Website. As the Plan evolves the Group will use the site to implement more and more programs associated with the various programs associated with the plan. The Website will be constantly evolving as the elements of the SWMP are implemented. The use of Data Pages on the site that can be used to access Data Base programs will be a primary use of the site for member Communities. The Data Base programs will be used to track most aspects of the programs created by the Plan. The Data Base programs will also be used for the development of annual reports for the Group and for member Communities.					
2012 Completed Tasks:	• City of Hastings Storm Water information and links Environmental information (05/01/07), (Continued and Updated), Nebraska H20 Website started (Cooperative Website)(08/15/07) (Continued and updated majorly in 2009) • Go Green Hastings Website (08/05/07). (Continued) • NE-LTAP website has links to Nebraska H2O website if you click on the logo link on training programs we sponsor. (Continued) • Sponsored Hastingslink.com (KHAS-Radio) Weather Eye with banner Ads with logo links. (Continued) **(DETAILED BELOW)**					

Permit Year

BMP Steps and Schedule:	**1**	**2**	**3**	**4**	**5**
The Group will develop an outline for the design of a Website for the Group	✓	✓			
The Group will approve an outline for the Website design to the Group.	✓	✓			
The Group will authorize funding for the Website's Design	✓	✓			
The Group will review the completed Website design and recommend any changes before submitting the final design to the Group		✓			
The Group will approve the final design and allow for the funding for implementation and maintenance of the Website.		✓			
Evaluation of the site and call in system will be ongoing all years of the	**Continuous**				

plan.	
Summary of all activities included on the site and information offered on the call system.	**Continuous**

Details:

Storm Water Website:
The City website has links to Go Green Hastings, Nebraska H2O, Nebraska H2O Commercial, and Nebraska Storm Water Communities Cooperative website hosted by Lexington with materials directed to EPA's 6 minimum control measures. The site also contains the SWMP and promotes the storm water program as a whole.
Nebraska H2O was developed as part of the cooperative and is now maintained by cooperative members. This site serves as a central hub for all Nebraska citizens to obtain information on storm water pollution issues and local contact information.
Hastingslink.com (KHAS-Radio) the City of Hastings Sponsored their website with banner Ads with the City of Hastings logo and Nebraska H2O logo for a link to the Weather Eye page for their website.

Summary:

The Cooperative added the Special Events Section on the homepage to show what events NE H2O will be at or hosting. Call in system was updated on contacts page of Nebraska H2O for each community with their logo and logo link to their city's homepage, and Web based reporting for dumping or complaints can be done through Nebraska H2O or linked to the communities own web based reporting on their own site. Information on Rain Barrels and Rain Gardens was added with links through the tips page. We made updates through the year on the What's New page. We changed a tab For the Kid's to the Education Tab, and posted our brochures, commercials, newsletters, Rain Barrel and Rain Garden section to take someone to their pages to learn more about them and how to build your own, we added a section for the kid's, deleted Walter the Walleye's Diary and a section to request Walter for visitation. We also updated the Complaint section for a way for citizen's to pick their community who is part of the cooperative to submit a complaint or report dumping. Some communtiy's have the link going to their own city's website to submit complaints. The old system went to the former GI's Stormwater tech's email.

Additional Comments:

The web site BMP is currently is on schedule with all the sites operational. The sites are promoted with events and materials to distribute. Each site is evaluated and updated as needed throughout the year. The sites will continue to be a part of the City of Hastings storm water program.

Minimum Control Measure: 1	**Public Education and Outreach**					
BMP Title: 4	**Develop Household Awareness Survey**					
Other MCM's Material Applies To:	Public Ed.	Public Part.	Illicit Det.	Construction	Post Const.	Houskeep.
	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.					
2012 Completed Tasks:	• A 5 question survey was conducted in 2007 • A resurvey of the previous 5 question survey was continuously conducted online in 2010 to measure effectiveness. **(DETAILED BELOW)**					

Permit Year

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

Details:

Storm Water Survey:
There was public survey conducted in year 5.

Requested Changes to the BMP:

No changes are requested to the BMP at this time.

Additional Comments:

Minimum Control Measure: 1	**Public Education and Outreach**					
BMP Title: 5	**Develop Call in System for Citizens**					
Other MCM's Material Applies To:	Public Ed.	Public Part.	Illicit Det.	Construction	Post Const.	Houskeep.
	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.					
2012 Completed Tasks:	• Call in system for the group has been terminated and each community will be responsible for their own call in system. The contacts page on Nebraska H2O website has contact information on it to for each community and reporting or complaints for each community. Each community will be responsible for maintain their own record of incoming calls. **(DETAILED BELOW)**					

	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 for member Communities.	✓	✓			
The Group will approve the recommended call in system and allow for funding for operation, maintenance and upkeep costs of the system	✓	✓			
The Group will assist in the implementing the system in member Communities			✓	✓	✓
The Group will operate, maintain and upgrade the system as required			✓	✓	✓
Evaluation of the system will be ongoing in all plan years	**Continuous**				
Summary of all activities will be included on the annual report	**Continuous**				

Summary:

BMP	Goals Achieved	Calls Received	Effective	Appropriate
City of Hastings Call Ins	Yes	10	Yes	Yes
Email Complaints	Yes	3	Yes	Yes
NDEQ complaints	Yes	0	Yes	Yes
Requested Changes to the BMP.				
A centralized call in system for the group has been terminated. Each community responsible for their own call in system.				

Additional Comments:

All construction complaints were addressed within 3 days of complaint with actions.
All Illicit discharges were investigated immediately with actions.
A call in system was developed under Nebraska H2O, however the City of Hastings did not promote the call in system on printed material locally in 2007. The centralized call in system for the group has been terminated in 2008. The City of Hastings has developed a Call number for the City of Hastings and email: stormwater@cityofhastings.org and is promoted on the City of Hastings website, Nebraska H2O website, and printed Nebraska H2O brochures with the City of Hastings logo and mailing address. Call in complaints or reports are tracked on the ASIST software database for the City of Hastings.

Minimum Control Measure: 2	**Public Involvement and Participation**					
BMP Title: 1	**Organize Public Meetings to educate the public on storm water.**					
Other MCM's Material Applies To:	Public Ed.	Public Part.	Illicit Det.	Constr.	Post Const.	Houskeep.
	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.					
2012 Completed Tasks:	• City Council Meetings 1. Submit Grant Application for LB 1226 (10/20/2010) 2. Intergovernmental Agreement with NDEQ on Grant Funds (10/14/2010) 3. Approve Stormwater Management Code Chapter 42 Illicit Discharge (April 12 2010) 4. Approve Stormwater Management Amendments Chapter 42 Construction & Post Construction (November 29 2010) 5. Open House for Developers, Contractors, Consulting Engineers for an overview of ESC Chapter 42 amendments **(DETAILED BELOW)**					

	Permit Year				
BMP Steps and Schedule:	**1**	**2**	**3**	**4**	**5**
The Group will as part of its Public Education and Outreach Program will develop materials and formats for Public Meetings that may be used by member Communities to provide educational information about Storm Water related issues and concerns to the Public and to various local and State Groups, Associations and Organizations	✓	✓			
The Group will develop materials and formats for Public Meetings to provide educational information about Storm Water related issues and concerns to the Public and to various local and State Groups, Associations and Organizations		✓			
The Group will approve materials and meeting formats for Public Meetings		✓			
The Group will approve the materials and formats and allow for funding of possible materials and expenses for the meetings		✓	✓	✓	✓
The Group will implement the approved formats for Public Meetings and track attendance and feedback from the meetings		✓	✓	✓	✓

Evaluation of meeting formats will be ongoing in all plan years using information gathered by the meeting presenters and the Group as each meeting.		✓	✓	✓	✓
Summary of all activities will be included in the annual report	**Continuous**				

Public Meetings Overview:	**Attendance:**
City Council Meetings	35+ present, TV audience unknown
Open House for ESC ordinance Amendment Overview	30

Details: The following list contains totals present at the public meetings. Note, that there are an unknown number of attendees via TV on council meetings or events aired on cable public access channel 12.

Summary:

BMP	**Goals Achieved**	**Meetings Held**	**Effective**	**Appropriate**
Public Meetings	Yes	4	Yes	Yes
Request to change the BMP.				
No changes are requested at this time.				

Additional Comments:
Continued opportunity for public forum will be done in future years.

Minimum Control Measure: 2	**Public Involvement and Participation**					
BMP Title: 2	**Participate/Sponsor Community Clean-Up Event**					
Other MCM's Material Applies To:	Public Ed.	Public Part.	Illicit Det.	Constr.	Post Const.	Houskeep.
	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 in member Communities and can be used as models for events that can be used for creating similar events in other member Communities in the Group.					
2010 Completed Tasks:	• Community Redevelopment Authority (CRA) picking up litter throughout Hastings (continued throughout the year) • Spring Fling Clean Up Day (4/22/2010) (See Attachment) • Household Hazardous Waste Day (9/13/2010) • Electronics Waste Day (September 29, 2010) **(DETAILED BELOW)**					

Plan Year

BMP Steps and Schedule:	**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.	✓	✓			
The Group will identify ways that it can become involved in member Community Clean-Up events.		✓			
The Group will offer suggestions on ways the Group can become involved in member Community Clean-Up events.		✓			
The Group will review approve as it sees fit the suggestions on how it can become involved.		✓			
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.		✓	✓	✓	✓
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**				

Details: The City of Hastings Solid Waste Department holds Household Hazardous Waste cleanup events once biannual. CRA picks up litter throughout Hastings throughout the year. City of Hasting was involved with Spring Clean Recycling and Clean up event with the Downtown Center Association

Public Event:	**Removed Waste:**
CRA picks up litter throughout Hastings	Unknown
Spring Fling Event Downtown Center Assoc.	Unknown
Household Hazardous Waste Day	See Attached Report
Electronics Waste Day	50,039 lbs.
Yearly Total	

Summary:

BMP	**Goals Achieved**	**Events Held**	**Effective**	**Appropriate**
Community Clean-up Event	Yes	5	Yes	Yes
Requested Changes to BMP:				
No changes are requested at this time.				

Additional Comments: This program may continue to and will be tracked in order to provide more exact numbers on the collection of waste and the type of wastes collected.

Minimum Control Measure: 2	**Public Involvement and Participation**					
BMP Title: 3	**Develop Storm Water Stenciling Program**					
Other MCM's Material Applies To:	Public Ed.	Public Part.	Illicit Det.	Constr.	Post Const.	Houskeep.
	X	**X**	**X**			**X**
Suitable For:	General public, schools, non-profits					
Measurable Goals:	The Group will track the Stenciling activities in member Communities. The Group will track the number of existing inlets stenciled and number of new inlets installed that include the stencil. The information will be reported to the Group by it member Communities so it can be included in the Groups annual report for the individual Communities and the Group as a whole.					
2012 Completed Tasks:	• The program development was completed in permit year 2. • Summer-Intern was hired to GPS and mark inlets in 2007. • Specifications for inlet covers were changed not to include "No Dumping, Drains to Waterways" to be used on constructed inlets due to some design flaws on the product elsewhere. • Grate inlets marked in key places • Inlets that were previously GPS'ed in before stormwater program was stenciled by cub scouts. **(DETAILED BELOW)**					

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	✓				
The Group will develop Design Standards and Specifications and Standard Operating Procedures for Stenciling Storm Water Inlets in member Communities	✓				
The Group will approve the submitted Design Standards and Specifications and Standard Operating Procedures for Stenciling Storm Water Inlets in member Communities		✓			
The Group will oversee the Implementation of the Design Standards and Specifications and Standard Operating Procedures in member Communities		✓	✓	✓	✓
Member Communities will report to the Group on stenciling activities as they occur. Tracking the number of stencils applied and number of new inlets installed with the stencil incorporated into the structure per design standard		✓	✓	✓	✓
Evaluation of the Stenciling Program will be ongoing in all years of the		✓	✓	✓	✓

Plan						
Summary of all activities will be included in the annual report	**Continuous**					

Plan Year

Stenciling Location:	**Applied:**	
City Wide	1278	
Items developed for program:	**Produced:**	**Distributed:**
NO DUMPING DRAINS TO WATERWAYS markers.	1500	1278
NO DUMPING ONLY RAIN IN THE DRAIN metal grate inlet markers	250	10

Details: The City of Hastings Engineering Department and GIS Technician have updated stormwater system maps about 90 to 95% complete.

Summary:

BMP	**Goals Achieved**	**# of Employees or Interns**	**# of Storm Drains Marked**	**# of Inlets lids with imprinted logo**	**# of door hangers handed out**	**Effective**
Stormdrain Marking	Yes	2	1339	48	500	Yes
Grate Inlet markers	Yes	2	20	0	Same as above	Yes
Requested Changes to BMP:						
No changes are requested at this time.						

Additional Comments: Stenciling activities were very productive this permit year. The City of Hastings contacted the local scout troops and a few other groups. No response came of these efforts in 2007. We have made this program a priority so we contacted Hastings College for developing an internship. Under developing we felt for general safety and combined space entry there could be liability issues for mapping to have employees to achieve these goals. The City hosted a confined space training course with the Nebraska Safety Council in 2008.

Installed metal grate inlet markers in key areas where there was an issue of people illegally dumping into grates. We place the metal markers to show that we are watching and the dumping has stopped in these places. The City will continue to monitor other inlets for this issue and place the necessary markers.

The Watson cub scout group leader was at the Water Jamboree and talked with me on a project they could do, I suggested that an area around their school has not been marked, they did a total of 61 and had door hangers in the area. The Hastings Tribune covered the event.

Minimum Control Measure: 3	**Illicit Discharge Detection and Elimination**					
BMP Title: 1	**Illicit Discharge Ordinance/Detection Elimination Program**					
Other MCM's Material Applies To:	Public Ed.	Public Part.	Illicit Det.	Constr.	Post Const.	Houskeep.
	X		**X**			**X**
Suitable For:	City wide improvement					
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 data base program available to member Communities as described in MCM 1 BMP 3 of this Plan. The Data Base Program 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 for comparison and analysis by the City for inclusion in the City's annual reports.					
2012 Completed Tasks:	• Standard Operating Procedures completed • Ordinance passed 4/12/10 • 2 illicit discharge investigations were completed • Structural Continuous Deflection Systems (CDS) installed at 2 outfalls leading to Heartwell Lake (Continued Maintenance) **(DETAILED BELOW) (See Attachment for CDS units)**					

	Permit 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	✓	✓			
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 Groups member Communities for review.			✓		

The City will review and recommend changes to the draft and authorize the City to draft the final documents			✓		
The City will draft the final documents for approval			✓		

Type of Illicit:	Result:	Enforcement:
Black Seepage	Maybe spring near wetland.	None, educated public-contractor.
Hauling Material Track out on Street	Made them clean it up.	None, educated, industrial facility, they need to reevaluate practices.
Corn Mash	Street Department Cleaned up	Educated Public
Leaky Vehicle	Cleaned Up	Requested responsible party clean it up. Educated Public

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.			✓		
The City will provide support for all member Communities in the process of getting the Ordinance adopted by their City Governments			✓	✓	✓
Summary of all activities will be included in the annual report.	**Continuous**				

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

Summary:

BMP	Goals Achieved	Reported Illicit Discharges	Investigated Discharges	Reports Closed	Effective	Appropriate
Illicit Discharge	Yes	4	None	4	Yes	Yes
Requested Changes to BMP:						

Additional Comments: Reports where closed within 3 days of them being reported.

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 there is continued maintenance of material being removed from system each quarter or as needed and

assessment monitoring.

Minimum Control Measure: 3	**Illicit Discharge Detection and Elimination**					
BMP Title: 2	**Dry Weather Inspections**					
Other MCM's Material Applies To:	Public Ed.	Public Part.	Illicit Det.	Constr.	Post Const.	Houskeep.
			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 the data collected during Dry Weather Inspections of Storm Water Outfalls. The compiled data will then be analyzed for each member community showing trends and identifying problem areas. The data can also be used and analyzed for the Group showing overall trends and comparing the data from member Communities.					
2012 Completed Tasks:	• Standard Operating Procedures completed • ASIST software purchased for tracking the program in year 3 • Conducted dry weather investigation in 2010 on some of the outfalls. **(DETAILED BELOW)**					

BMP Steps and Schedule:	**1**	**2**	**3**	**4**	**5**
The Group will develop Standard Procedures for the Inspection and sampling of Dry Weather Outfalls included in the Standard Operating Procedures will be a Data Base Program for storing the data collected from the sampling and inspections.	✓	✓			
The Group will approve a Draft of the Standard Operating Procedures for Inspection and Sampling of Dry Weather Outfalls and a working model of the Data Base Program for storing the data collected during the inspections.		✓			
The Group will approve the draft of the Standard Operating Procedures and Data Base model and allow for funding for the Data Base Program and authorize the implementation of the Standard Operating Procedures for Dry Weather Inspection of Storm Water Outfalls for member Communities.		✓			
The Group will implement the Data Base Program for entry of data from the Sampling and Inspection of Storm Water Outfalls for member Communities			✓		
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**				

Detailed Summary: In year three ASIST database program purchased and started conducting dry weather outfall investigations will begin in conjunction with our GPS location of unmapped areas of the storm sewer system. Two outfalls there is a constant flow due to EPA remediation activities which have NPDES remediation permits.

BMP	**Goal Achieved**	**Effective**	**Appropriate**
Dry weather investigation program	Yes	Yes	Yes
Requested Changes to the BMP.			
No changes are requested at this time.			

Minimum Control Measure: 3	**Illicit Discharge Detection and Elimination**					
BMP Title: 3	**Storm Sewer Mapping**					
Other MCM's Material Applies To:	Public Ed.	Public Part.	Illicit Det.	Constr.	Post Const.	Houskeep.
			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 that Storm Water related complaints are coming from.					
2012 Completed Tasks:	• Intern was hired in the Engineering Department to assist GIS Technician to update as-builts (2007). • Asist software purchased for tracking program. • Storm Sewer Maps updated by GIS Technician 90 to 95% complete. **(DETAILED BELOW)**					

BMP Steps and Schedule:	**1**	**2**	**3**	**4**	**5**
The Group will research member Communities mapping systems to recommend ways the Group can assist member Communities in updating their mapping systems	✓	✓			
The Group will review suggestions of ways the Group can assist communities update their Storm Water System maps		✓			
The Group will approve suggestions.		✓			
Evaluation will be ongoing all years of the program.	**Continuous**				
Summary of all activities will be included in the annual report	**Continuous**				

BMP	**Goal Achieved**	**Effective**	**Appropriate**
Mapping	Yes	Yes	Yes
Requested Changes to the BMP:			
No changes are requested at this time.			

Summary: Mapping of storm sewer system is 90 to 95% 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 at the same time in 2007, and to update as-builts mapping. Once this was complete it was clear on what areas of the system will have to be mapped by GPS collection units we purchased new GPS equipment to assist in more accurate data collecting. A program has been put into place to obtain the missing areas of the system. A data dictionary was complete in order to collect like information to input into the existing system. The mapping of the rest of the system and outfalls will continue through years 5 of the permit term.

Minimum Control Measure: 4	**Construction Site Storm Water Runoff Control**					
BMP Title: 1	**Develop a Erosion and Sediment Control Ordinance**					
Other MCM's Material Applies To:	Public Ed.	Public Part.	Illicit Det.	Constr.	Post Const.	Houskeep.
			X	**X**	**X**	
Suitable For:	Development Community					
Measurable Goals:	Developing the Ordinance and Standard Operating Procedures for the Program that may be adopted into member Communities City Codes will be the first step in implementing the Program. The Group will provide support in any way possible to member Communities in this process and document the progress and or obstacles it finds during the approval process in member Communities.					
2012 Completed Tasks:	• Ordinance passed November 2010. • Drafted an SOP still in review with other city departments. **(DETAILED BELOW)**					

BMP Steps and Schedule:	**1**	**2**	**3**	**4**	**5**
The Group will develop an Ordinance for Erosion and Sediment Control. This Ordinance will be the basis for the Construction Site Storm Water Runoff Control Program. The Group will develop Standard Operating Procedures for this program.	✓	✓	✓		
The Group will review a draft of the Ordinance and a draft of the Program's Standard Operating Procedures.				✓	
The Group will approve the final Draft of the Ordinance and the final draft of the Program and authorize the implementation of the Program.				✓	
The Group will oversee the implementation of the Program in member Communities				✓	✓
Evaluation of the Program will be ongoing in all years of the plan feedback from all member communities will be solicited at regular intervals	**Continuous**				
Summary of all activities will be included in the annual report	**Continuous**				

BMP	**Goal Achieved**	**Effective**	**Appropriate**
Ordinance	Yes	Yes	Yes
SOP	No (Drafted)	Yes	Yes
Requested Changes to the BMP:			

NA

Minimum Control Measure: 4	**Construction Site Storm Water Runoff Control**					
BMP Title: 2	**Develop Site Inspection and Plan Review Program**					
Other MCM's Material Applies To:	Public Ed.	Public Part.	Illicit Det.	Constr.	Post Const.	Houskeep.
				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 are adopted by member Communities is the Groups 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.					
2012 Completed Tasks:	• SOP under developing but reviewing and making recommendations without approved SOP. (Continued) • Plan Review Training scheduled March 30, 2010 • Staff has NDOR Inspector Training **(DETAILED BELOW)**					

	Permit Year				
BMP Steps and Schedule:	**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.	✓	✓	✓	✓	
The Group will review a draft of Standard Operating Procedures for Site Inspection and Plan Review for Construction Sites that involve land disturbance activities.				✓	
The Group will approve the final draft of Standard Operating Procedures for Site Inspection and Plan Review				✓	
The Group will oversee the implementation the Programs Standard Operating Procedures in member Communities				✓	
Evaluation will be ongoing in each year of the plan feed back will be solicited at regular intervals from all member communities	**Continuous**				
Summary of all activities will be included in the annual report	**Continuous**				

BMP	**Goal Achieved**	**Plans Review**	**Effective**	**Appropriate**
Ordinance	Yes	Scheduled	Yes	Yes
Requested Changes to the BMP:				

Finalize in year 5.

Additional 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 and to ensure that all developers are aware of NDPES regulations if there projects fall under it requirements, most are aware and still do not follow with what is needed. Currently, there are no specific established criteria of needed controls and the city relies on the project engineer to establish a workable erosion and sediment control plan. We are designing Erosion and Sediment Controls for our projects for the City by the City Engineering Department or our hired consultant. We are also preparing our own SWPPPs and submitting CSW-NOIs for projects that require an NPDES permit and for stimulus projects. We are hired FHU to help facilitate meetings within or City's management and help develop SOP for review process and Lower Platte south NRD for Plan Review Training.

Minimum Control Measure: 4	**Construction Site Storm Water Runoff Control**					
BMP Title: 3	**Educate Contractors and Development Community**					
Other MCM's Material Applies To:	Public Ed.	Public Part.	Illicit Det.	Constr.	Post Const.	Housekeep.
				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 as to how the Storm Water Runoff Program and Erosion and Sediment Control Ordinance will affect them. The feed back from these individuals and groups will be the leading indicator as to the effectiveness of our effort. We should expect a fair amount of feed back negative and positive.					
2012 Completed Tasks:	Developed and mailed or emailed Newsletters to contractors, engineering consultants, and developers educational newsletter and updates to Storm Water Program information. Worked one on one with developers. • Training for Builder/Developers/Contractors April 26, 2011					

	Permit Year				
BMP Steps and Schedule:	**1**	**2**	**3**	**4**	**5**
The Group will develop educational materials for contractors and the Development Community and the various associations and groups they belong to in Nebraska	✓	✓	✓		
The Group will develop the educational materials for member Communities to review.			✓		
The Group will approve the materials and authorize funding for production of the materials			✓		
The Group will distribute educational materials to member Communities and track feedback from this information			✓		
Evaluation will be ongoing in all plan years by recording feed back 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 open house for review of Construction & Post Construction ordinance.
Contractor Meetings:
Mailed Newsletter met with a few contractors and consulting engineers on individual basis
Provided NPDES Training:
Mailed or emailed training available from UNL-Extension or NDOR.
Miscellaneous Items:
The Nebraska Storm Water Cooperative, LTAP, and developed ESC design courses and site

inspector training courses. The City of Hastings sent 2 people to the Design Course in 2010 and 15 to the inspector course in 2008 and recertification February 2011.

Additional 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 by 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.					

We are anticipating to have open meetings this year with the development community and to educate them with more formal training.

Minimum Control Measure: 4	**Construction Site Storm Water Runoff Control**					
BMP Title: 4	**Develop Design Standards**					
Other MCM's Material Applies To:	Public Ed.	Public Part.	Illicit Det.	Constr.	Post Const.	Housekeep.
				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 in the process so they have time to adjust to them. By having the representatives of the people affected by the Design Standards involved in the development of those standards this will expedite the education process about the new Design Standards. The success of the Construction Site Storm Water Runoff Control Program depends on the people involved following the Standards to construct and maintain adequate structural and non-structural control elements to reduce and eliminate sediments and pollutants in Storm Water Runoff from Construction Sites.					
2012 Completed Tasks:	• Standards are in Developing Stages • Erosion and Sediment Controls are practiced and installed **(DETAILED BELOW)**					

Permit Year

BMP Steps and Schedule:	**1**	**2**	**3**	**4**	**5**
The Group will develop Design Standards for Structural and Non-structural BMPs	✓	✓	✓		
The Design Standards will be reviewed by the Groups member Communities.			✓		
The Group will approve the Design Standards as part of the Construction Site Storm Water Runoff Controls Program			✓	✓	
The Group will oversee the implementation of the Design Standards in member Communities			✓	✓	
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**				

Summary:
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.

BMP	Goal Achieved	Effective	Appropriate
Design Standards	NA	NA	Yes
Requested Changes to the BMP:			
The City of Hastings requested that the timeline for this BMP be extended to match MCM 4 BMP1 and MCM 4 BMP 2 construction ordinances and plan review in the 2007 annual report. All three of these elements are being developed together during the extension permit term and will be completed by the year's end. This would put this element behind in accordance with the original schedule. It is for this development process we would again like to request the time line adjustment that puts development period for design standards at the end of permit year 6.			

Additional Comments: The group is has hired FHU to develop the Design Standards and help facilitate them being adopted by each community. Referring developers/enginners to Omaha's Standards.

Minimum Control Measure: 5	**Post Construction Storm Water Management**					
BMP Title: 1	**Develop Post-Construction Ordinance**					
Other MCM's Material Applies To:	Public Ed.	Public Part.	Illicit Det.	Constr.	Post Const.	Houskeep.
				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 Procedures for New Development and Redevelopment that may be adapted to member Communities City Codes. The Ordinance is intended to identify the responsible parties for the maintenance and up keep of Storm Water Controls in New Development and Redevelopment. Keeping controls in good repair and working correctly is a primary goal of the program.					
2012 Completed Tasks:	• Ordinance was passed in November 2010 designing standards right now refer to Omaha's Chapter 8. **(DETAILED BELOW)**					

	Permit 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.	✓	✓	✓	✓	
The Group will submit a drafts of the Post Construction Ordinance and Standard Operating Procedures to the Groups member Communities for review	✓	✓	✓	✓	
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				✓	
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.			

Additional Comments:

Minimum Control Measure: 5	**Post Construction Storm Water Management**					
BMP Title: 2	**Develop BMP Inspection and Plan Review SOP**					
Other MCM's Material Applies To:	Public Ed.	Public Part.	Illicit Det.	Constr.	Post Const.	Houskeep.
				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.					
2010 Completed Tasks:	• This area of the SWMP is in development and should be completed by the end of permit year 6 as standards are completed. **(DETAILED BELOW)**					

BMP	**Goal Achieved**	**Effective**	**Appropriate**
Post Construction Inspection/Plan Review	Yes	Yes	Yes
Requested Changes to the BMP:			
This is scheduled for March 30th, 2011			

Minimum Control Measure: 5	**Post Construction Storm Water Management**					
BMP Title: 3	**Develop Education Materials for Post Construction BMPs**					
Other MCM's Material Applies To:	Public Ed.	Public Part.	Illicit Det.	Constr.	Post Const.	Houskeep.
				X	**X**	
Suitable For:	Development Community					
Measurable Goals:	The Educational materials will be made available to the Development Community. The Development Community's participation in the design and development of BMPs is critical for the goal of the reduction or elimination of Storm Water Runoff sediment or pollutants for Post Construction to the maximum extent practicable.					
2012 Completed Tasks:	• This area of the SWMP is in development and should be completed by the end of permit year 6. • Nebguides on Rain Gardens and landscaping for water conservation developed by UNL-Extension and submitted to communities for their use to order and distribute. • Promoting the use of Rain Gardens and will continue **(DETAILED BELOW)**					

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 Training Materials for City Employees**					
Other MCM's Material Applies To:	Public Ed.	Public Part.	Illicit Det.	Constr.	Post Const.	Houskeep.
	X					**X**
Suitable For:	City Employees: Utilities, Public Works, Park and Recreation, Solid Waste, Maintenance, Public Safety					
Measurable Goals:	Develop attention getting 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.					
2012 Completed Tasks:	• Municipal Storm Water Pollution Prevention Video • SPCC Controlling Oil training video • Designing for Effective Sediment and Erosion Controls on Construction Sites • Municipal Operations Storm Water Pollution Prevention Newsletters • FRCP training for Street Department • Hydro Seeder Purchased **(DETAILED BELOW)**					

	Permit Year				
BMP Steps and Schedule:	**1**	**2**	**3**	**4**	**5**
The Group will develop training materials related to Storm Water for City Employees	✓				
The Group will develop training materials of a quality that will get the attention of City Employees	✓				
The Group will review training materials		✓			
The Group will approve the training materials and allow for funding of their production		✓			
The Group will produce and distribute to member Communities the approved training materials		✓			
Evaluation will be ongoing in all years of the plan	**Continuous**				
Summary of all activities will be included in the annual report	**Continuous**				

Pollution Prevention Good Housekeeping (Employee Training):
Groundskeeper **Attendance: City and HU groundskeepers and supervisors attended the one day training course (02/17/08)**
Confined Space Training **Attendance: 28 city employees attended the training sessions (6/11/08)**
Municipal Operations Storm Water Pollution Prevention Newsletter **Distributed: Approx 200 city employee's (01/02/08-12/01/08)**
Rain Garden Workshop **Attendance: 5 city employees attended the training sessions (5/30/09)**
Facility Runoff Control Plan (FRCP) for Street Department **Attendance: 4 city employees attended the training (9/24/10)**
Miscellaneous Items:
Video Municipal Storm Water Pollution Prevention Storm Watch was purchased and is available for viewing to city field employees and will implement into training programs. *Video Storm Water Pollution Prevention Storm Warnings was purchased and is available for viewing for general industry and may implement into training programs.* *Video Storm Water Pollution Prevention for Construction Sites was purchased and is available for viewing for city employees and construction industry and may implement into training programs.* *Video Environmental Responsibility was purchased and is available for viewing to city field employees and general industry and may implement into training programs.* *Video Universal Waste was purchased and is available for viewing to city field employees and general industry and may implement into training programs.* *Video SPCC Controlling Oil was purchased and is available for viewing to city employees and general industry and may implement into training programs.*

Summary:

BMP	Goal Achieved	Individuals at training	Printed Matl.	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

FRCP	Yes	4	Manual	Yes	Yes
Requested Changes to the BMP:					
No changes are requested at this time.					

Additional Comments: Training will be developed in many forms. Monthly newsletter educating employees on pollution prevention methods was produced in permit year 3. During facility evaluations needed training will be discovered. Many other types of training also exist throughout the 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 8 hour Hazwoper training for those who need it to keep their 40 hour Hazwoper Certificate current; set up by the Environmental Engineering Assistant. Salt Shed scheduled to be built following year in 2013.

Minimum Control Measure: 6	**Pollution Prevention / Good Housekeeping**					
BMP Title: 2	**Evaluate Street Cleaning Program**					
Other MCM's Material Applies To:	Public Ed.	Public Part.	Illicit Det.	Constr.	Post Const.	Houskeep.
						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 in reducing pollutants entering the Storm Water System from the Streets. The use of the Standard Operating Procedures in member Communities will be reported to the Group by it member Communities to evaluate the effectiveness of the Standard Operating Procedures for Street Cleaning.					
2012 Completed Tasks:	• Program is being evaluated continuously • Tracking street cleaning activities with ASIST Software • Target goals for sweeping frequency set • Called out when there may have been an occurrence • Vehicle GPS equipment for Street Sweepers **(DETAILED BELOW) (See Attachment in Appendix)**					

	Permit Year				
BMP Steps and Schedule:	**1**	**2**	**3**	**4**	**5**
The Group will research member Communities existing Street Cleaning Programs and Develop Standard Operating Procedures for Street Cleaning	✓	✓	✓		
The Group will develop a draft of the Standard Operating Procedures developed for Street Cleaning for review by member Communities			✓		
The Group will approve the final draft of Standard Operating Procedures			✓		
The Group will provide the approved Standard Operating Procedures to member Communities			✓		
Evaluation will be ongoing all years of the plan	**Continuous**				
Summary of all activities will be included in the annual report	**Continuous**				

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

Additional Comments: The city operates two sweepers; they run almost constantly in the spring, summer, and fall. (Weather permitting). The city also cleans inlets with vacuum truck and open ditch maintenance. All monitoring has been in place and begun in 2008 with route tracking and material pickup logging on the Asist program tracking software. Late 2009 the City purchased vehicle GPS equipment for tracking the street sweepers and deicing

and was installed and became function in 2010.

Minimum Control Measure: 6	**Pollution Prevention / Good Housekeeping**					
BMP Title: 3	**Evaluate Municipal Operations**					
Other MCM's Material Applies To:	Public Ed.	Public Part.	Illicit Det.	Constr.	Post Const.	Houskeep.
						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 they can evaluate their municipal operations and maintenance activities related to Storm Water Runoff. The Standard Operating Procedures provide a uniform method for performing the evaluations. The Group will ask member Communities to return completed evaluations to them to be summarized and submitted to the Group for comment.					
2012 Completed Tasks:	• Evaluation Guide Completed • Updating or creating SPCC plans on facilities • Conducted Municipal Facility Evaluation **(DETAILED BELOW)**					

	Permit Year				
BMP Steps and Schedule:	**1**	**2**	**3**	**4**	**5**
The Group will develop Standard Operating Procedures for the Evaluation of Municipal Operations related to Storm Water Runoff.	✓				
The Group will develop Standard Operation Procedures to Evaluate Municipal Operations to determine if Storm Water pollutants are being reduced to the maximum extent practicable.	✓				
The Group will submit a draft of the Procedures to the Groups member Communities for approval		✓			
The Group will approve a final draft of the Standard Operating Procedures for the Evaluation of Municipal Operations		✓			
The Group will distribute the Standard Operating Procedures to member Communities and ask that member Communities return completed evaluations to the Committee.		✓			
Evaluation of the Procedures will be ongoing in all years of the plan	**Continuous**				
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:			

Additional Comments: The process of evaluating most all of the City of Hastings facilities and operations preformed at these facilities was completed this past year and FRCP developed for the street department. These evaluations will continue and will be updated. The city currently hold three industrial permits and operates separate SWPPP for these site which include: Waste Water Treatment Facility, 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 MCM's Material Applies To:	Public Ed.	Public Part.	Illicit Det.	Constr.	Post Const.	Houskeep.
			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.					
2012 Completed Tasks:	• Collection of Samples at previous selected Locations **(DETAILED BELOW)**					

	Permit Year				
BMP Steps and Schedule:	**1**	**2**	**3**	**4**	**5**
The Group will develop Standard Operating Procedures for Baseline wet weather monitoring in member Communities	✓	✓	✓		✓
The Group will submit a draft of the Standard Operating Procedures to the Groups member Communities for approval	✓	✓	✓		✓
The Group will approve the final draft of the Standard Operating Procedures for Baseline wet weather monitoring in member Communities	✓	✓	✓		✓
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.	**Continuous**				
Evaluation of the Procedures will be ongoing in all plan years	**Continuous**				
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:			
The City of Hastings requested an Amendment at 2008 bi-annual report to sample for Wet Weather Monitoring to the year 4 and year 5 for the amendment changes the NDEQ granted previously.			

Additional Comments:
The alternative to the monitoring requirements were submitted to the NDEQ in the month of May 2008 the changes were accepted. Due to the back order from grab samplers from USA Bluebook, the City of Hastings monitoring program will started 4 and continued in year 5 and will continue until new permit and new SWMP.

Minimum Control Measure: 7	**Storm Water Monitoring**					
BMP Title: 2	**BMP Assessment Monitoring**					
Other MCM's Material Applies To:	Public Ed.	Public Part.	Illicit Det.	Constr.	Post Const.	Houskeep.
			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 for regulating the design and construction of BMP controls.					
2012 Completed Tasks:	• Heartwell Lake Assessment on CDS system **(DETAILED BELOW) (See Attachment in Appendix)**					

BMP Steps and Schedule:	**1**	**2**	**3**	**4**	**5**
The Group will develop a Wet Weather Monitoring Program	✓	✓	✓		
The Group will develop Standard Operating Procedures for a Wet Weather Monitoring Program	✓	✓	✓		
The Group will submit a draft of the Standard Operating Procedures to the Groups member Communities for review.	✓	✓	✓		
The Group will approve the final draft of the Standard Operating Procedures for Wet Weather Monitoring		✓	✓		
The Group will distribute the approved Standard Operating Procedures to member Communities		✓	✓		
The Group will keep the sample analysis records for member Communities				✓	✓
Evaluation of the Program will be ongoing in all years of the plan	**Continuous**				
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:			
None Requested			

Additional 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 and 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	TO BE CONTINUED OR IMPLEMENTED BY
TV Public Service Announcement: Water quality impacts from urban stormwater and water infrastructure.	General public	Periodically	12/31/11
City Newsletter: Article on stormwater quality and/or public participation events	General public	Once every permit year	12/31/11
Local newspaper: Add promoting Nebraska H2O	General public	Once every permit year	12/31/11
Posters: Public awareness about stormwater	General public, City staff	Continuous posting at City buildings on the table top display	12/31/11
Display Board: Public awareness about stormwater program	General public, City staff	Displayed at one local event every permit year; continuously at City building	12/31/11
Booth at Local Event: Have a booth about the stormwater program	General public	As many as possible during the permit year	12/31/11
Free Promotional Items: Purchase and distribute items with water quality message Nebraska H20	General public, schools	At all public events when brochures are distributed	12/31/11
Public Meeting: Present for discussion ESC	General public and staff	Developer/Builder/Trade Contractor	12/31/11
Public Meeting: Discuss program-related items at Nebraska Storm Water Cooperative Meetings	General public	Regularly scheduled meetings. Elements of the SWMP will be discussed at the meetings. These meetings comply with the State and local public notice requirements.	12/31/11

BMP ACTIVITY	TARGET AUDIENCE	FREQUENCY	TO BE CONTINUED OR IMPLEMENTED BY
Brochures / Flyers: Various program-related topics including water quality impacts from urban 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 – adults Schools (5th – 12th)	Distribute throughout the year; continuously at City buildings.	12/31/11
Stormwater Website: Nebraska H2O City of Hastings	General public	Continuous access	12/31/11
Where to get Rid of It Solid Waste Program	General public	Continuously available	12/31/11
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	12/31/11
Household Hazardous Waste Day: Disposal event coordinated with City of Hastings Solid Waste Department	General public	Every two years	NA
Storm drain Marking: Storm drain marking program	General public, schools, non-profit & civic organizations, & internships.	Continuously available	12/31/11

BMP ACTIVITY	TARGET AUDIENCE	FREQUENCY	TO BE CONTINUED OR IMPLEMENTED BY
Inspections: City inspection of reported illicit discharges	City-wide	Perform inspections on reported illicit discharges as needed.	12/31/11
Enforcement: Take appropriate action to abate pollutant source	City-wide, all sources	As necessary	12/31/11
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	3/30/11
Environmental Phone Line: Answer questions, give guidance, take complaints	General public	Continuously during office hours; voice mail available after hours to leave messages	12/31/11
Brochure / Flyer: Monthly training brochure on various storm water topics	City staff	Distribute as training for City staff; monthly.	12/31/11
Training: Municipal Storm Water Pollution Prevention Video	City staff	Offered once during permit cycle	12/31/11
Training: Spill Response	City staff	Offered once during permit cycle	12/31/11
Training: How to conduct inspections effectively	City staff	Offered once during permit cycle	12/31/11
Training: Stormwater and City activities	City staff	Offered once during permit cycle	12/31/11
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.	12/31/11
Enforcement: Take appropriate action to abate pollutant source	City-wide, all sources	As necessary, follow ERP	12/31/11
Rain Garden Workshop	City staff and General Public	One Workshop and educational material	12/31/11

BMP ACTIVITY	TARGET AUDIENCE	FREQUENCY	TO BE CONTINUED OR IMPLEMENTED BY
Street Sweeping	City staff	Periodically throughout city as needed. Record collected materials and miles swept.	12/31/11
Storm Water Monitoring	City Staff	Redevelop	12/31/11
Wellhead Protection Meetings	Advisory Committee and General Public	Quarter or as Needed	12/31/11

Summary of All Best Management Practices and Their 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 maint.	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 newsletter	X					
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 3
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
No monitoring has been done by the City of Hastings will during the seventh year.

Section 4

Summary of the Modifications Requested By the City of Hastings to the Storm Water Management Plan (SWMP)

- The City of Hastings requests that the timeline for this BMP be extended to match MCM 4 BMP4 Design Standards will be developed during year six. Right now we refer them to Omaha's chapter 8 & 9. It is for this development process we would like to request the time line adjustment that puts development period for design standards at the end of permit year 6.

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