

Nebraska Storm Water Cooperative

Phase II MS4

ANNUAL REPORT

**From the City of Lexington, Nebraska
For the Year 2006**

**In Compliance with the conditions of the NPDES General
Permit NER300000 Authorizing Storm Water Discharges to
the Waters of the State from Small Municipal Separate Storm
Sewer Systems Located in the State of Nebraska.**

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Executive Summary

In August 2005, the City of Lexington 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. Lexington also submitted a Storm Water Management Program (SWMP) as required by the permit. The SWMP identifies the Minimum Control Measures (MCM) and the Best Management Practices (BMP), measurable goals, and implementation schedules for the MCMs. The permit requires the submission of an Annual Report to the NDEQ for each permit year after the anniversary date of the permit coverage which commenced on January 1st, 2006 for Lexington. As required, Lexington has evaluated the implementation schedule for the MCMs and created this report to outline the progress.

The evaluation shows that the City of Lexington is in compliance with the SWMP. Lexington is an active member of the Nebraska Storm Water Cooperative which during this first year has created a SWMP in the effort to centralize the Phase II plans and work together towards common goals. During the creation of our common SWMP Lexington made every effort to stay in compliance with our original SWMP until the cooperative plan could be adopted by all members. The following report will show that development efforts were being done on both Storm Water Management Plans during this permit term. As of January 1st, 2007 the City of Lexington will be following the full implementation schedule of the Nebraska Storm Water Cooperative SWMP.

This annual compliance report fulfills the MS4 permit requirement to assess compliance with permit conditions, appropriateness of Best Management Practices, and progress towards statutory goals of the permit and Measurable Goals established for each Minimum Control Measures. The attached report presents the results of this assessment and brief summaries representing implemented activities as required by the NDEQ.

The following report includes both the City of Lexington individual SWMP implementation report and the Nebraska Storm Water Cooperative SWMP implementation report. In future permit years the cooperative plan will be followed.

CERTIFICATION STATEMENT AND SIGNATURE

The Responsible Authority listed in Section 1.B. of the annual report form must sign the following the certification statement: 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 upon my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name of Phase II MS4 Responsible Authority (Type or print):	
Title:	
Signature:	Date:

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PHASE II MS4 OPERATOR INFORMATION FOR THE CITY OF Lexington

A.	Name of the Phase II MS4 Operator: The City of Lexington, Nebraska
B.	Name of the Phase II MS4 Responsible Authority: Bill Brecks
	Title: Code Official
	Mailing Address: P.O. BOX 70
	City: Lexington Zip Code: 68850 County: Dawson
	Telephone Number: (308) 233-3223
C.	Name of the Designated Phase II MS4 Storm Water Management Program Contact: Bill Brecks
	Title: Code Official
	Department: Building Department
	Mailing Address: P.O. BOX 70
	City: Lexington Zip Code: 68850 County: Dawson
	Telephone Number: (308)324-2341
	E-mail Address: bbrecks@cityoflex.com
D.	Location of the Phase II MS4 (If different than the mailing address in Section C. above): City of Lexington
	Street Address: 406 E. 7th Street
	City: Lexington Zip Code: 68850 County: Dawson

PHASE II MS4 ANNUAL REPORT for Permit Year: 1

PHASE II MS4 OPERATOR INFORMATION FOR THE COMMUNITY COOPERATIVE

A.	Name of the Phase II MS4 Operator: The City of Lexington, Nebraska
B.	Name of the Phase II MS4 Responsible Authority: Bill Brecks
	Title: Code Official
	Mailing Address: P.O. Box 70
	City: Lexington Zip Code: 68850 County: Dawson
	Telephone Number: (308) 324-2341
C.	Name of the Designated Phase II MS4 Storm Water Community Cooperative Program Contact: Gary L. Willard
	Title: Co-administrator of Nebraska Phase II Storm Water Communities Cooperative
	Department: Public Works Department
	Mailing Address: 100 East First Street
	City: Grand Island Zip Code: 68802-1968 County: Hall
	Telephone Number: (308)385-5444 Ext. 270
	E-mail Address: gwillard@grand-island.com
D.	Location of the Phase II MS4 (If different than the mailing address in Section C. above): City of Lexington
	Street Address: 406 E. 7th Street
	City: Lexington Zip Code: 68850 County Dawson

★ All information, comments, and replies pertaining to the City of Lexington sMS4 permit must be submitted to the City of Lexington. The City of Lexington will submit all needed information to the Nebraska Storm Water Cooperative.

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Phase II MS4 General Permit NER300000

Section I. Summary of Storm Water Management Program Activities for the City of Lexington

ID/BMP	BMP Description	Measurable Goal	Schedule for Implementation/Completion	Summary of Results
1.1	Develop brochures regarding storm water issues and methods to prevent contamination.	brochures distributed	Year 1: Develop brochures Year 2-5: Print & Distribute	Option for printed materials has been researched, and two developed.
1.2	Update the City's existing website to include information regarding storm water issues	Visit to site and comment feedback	Year 1-2: Develop Year 3-5: Implement & Monitor	The basic layout for the City website has been developed, programs and material are added as developed
1.3	Conduct information and training sessions with contractors and developers	Individuals trained	Year 3: Develop materials Year 3-5: Conduct training	Nothing formal has been done on this yet.
1.4	Review details of sediment and erosion control plan for municipal projects during the pre-construction conference	Plans reviewed	Ongoing	The City Public Works Dept. continues to review plans for storm water controls, following past processes.
1.5	Cooperate with local community organizations, such as the Chamber of Commerce, local civic organizations, and other groups to provide education regarding storm water issues.	Presentation given and number of individuals in attendance	Year: 1 Identify target groups Year 2-5: Conduct presentations	Target groups have been identified. Format for presentations is under development.
1.6	Develop press releases and/or public service announcements	Number of releases, and approx. # reached	Ongoing	The City of Lexington has released three press releases in year one.
2.1	Develop and Implement a system to address and respond to storm water related concerns and complaints from telephone,	Number of issues responded to	Year 1: Identify responsible party. Year 2-5: Implement complaint	The individual responsible for this program has been identified.

	mail, or email.		response protocol	
2.2	Update the existing City website to include information on storm water	Response to website	Year 1-2: Develop Website Year 3-5: Monitor and Respond	The basic layout for the City web site has been developed, programs and material are added as developed
2.3	Solicit community organizations to stencil or otherwise mark storm sewer inlets	Number of volunteer groups. Number of inlets stenciled	Year 1: Contact organizations about stenciling Year 2-5: Stencil 100 inlets per year	Groups to solicit have been identified and will be contacted in conjunction with presentations. The website will also include this information. A stenciling program was developed, submitted to the cooperative group.
2.4	Organize and hold public meetings and attend meetings with affected groups	Attendance, content, and response	Year 1-5: Organize meetings and hold yearly	The organization of meetings has been evaluated, including (content, and target audience) no meetings have been held yet.
2.5	Sponsor a community wide clean-up day	Events, publicity, participants, quantities of clean-up	Year 1-5: Organize and promote clean-up days	The City of Lexington Utilities Department holds two annual waste disposal days and one hazardous waste disposal day
3.1	Develop ordinances to prohibit illicit non-storm water discharges	Review and Draft	Year 1: Review code & draft ordinance Year 2: Adopt ord. and enact	Draft ordinance was developed and is under review/editing
3.2	Update the existing storm sewer system map	Program development Quantity mapped	Year 1-2: Complete map update Year 3-5: Maintain map	Needed collection data content has been identified. Current mapping collected and the GIS is being formatted to start collection
3.3	Conduct dry weather inspections of all known major outfalls (36" diameter and larger and channels draining 50 acres or more)	Illicit discharges discovered	Year 1-2: Initially inspect outfalls Year 3-5: On-going inspection	Being developed in conjunction with, storm sewer mapping
3.4	Stencil storm sewer inlets	Quantity stenciled	Year 2-5:	A stenciling program was developed, submitted to the group.
3.5	Develop and distribute educational materials on illicit discharges	Amount distributed	Ongoing	Materials are being gathered for production
4.1	Develop storm water management and erosion control ordinances	Develop and enact	Year 1: Draft ordinance Year 2: Complete enactment Year 3-5: Implement	A draft ordinance has been developed and is currently under review/editing

4.2	Develop or adopt design standards, minimum controls, and other construction site requirements	Develop and adopt	Year 1-2: Research, develop/adopt design standards Year 3-5: Implement standards	Research has been started on other communities design standards that prove effective.
4.3	Develop a plan review and site inspection program including procedures for reporting and correcting deficiencies	Develop and Implement	Year 1-2: Develop procedures and individuals responsible for site insp./plan review Year 3-5: Begin plan review within one year of ordinance enactment	Responsible individual have been identified and the inspection program development has been started.
4.4	Educate developers and contractors as to the requirements of the City's program	Material distributed	Years 3-5: Distribute information	No information has been developed on new requirements.
5.1	Develop and implement ordinances addressing post-construction runoff control	Develop and adopt	Year 2: Draft proposed ordinance Year 3: Complete enactment Year 4-5: Implement	Example ordinances have been collected. Draft yet to be developed
5.2	Develop and implement procedures for post-construction site inspections	Develop and implement	Year 3: Develop procedures, identify responsible individuals Year 4-5: Begin inspection	Only minimal research has been done.
5.3	Educate contractors and developers of the requirements for post-construction runoff control	Quantity distributed, response to material	Year 3-4: Develop standard criteria sheets Year 4-5: Distribute information	Nothing has been developed for this area yet.
6.1	Evaluate all Municipal operations	Operation evaluated, BMP implementation	Year 1-2: Evaluate operations Year 3-5: Implement needed BMPs	Evaluation program was developed for municipal evaluation. (submitted to group). Evaluations will begin in permit year 2.
6.2	Provide adequate training to City employees identified as jobs with potential impacts to receiving waters	Topics, and employees trained	Year 1: Develop training materials Year 2-5: Conduct training	Training library is under development on available materials.
6.3	Conduct inspections and maintenance of the storm drainage system	Inspections done, and maintenance qty.	Ongoing	This will be done in conjunction with mapping and illicit discharge
6.4	Conduct street cleaning to remove potential pollutants before they enter the storm sewer system	Amount cleaned	Ongoing	Current evaluation of operations is under way. Continued with past procedures for year 1

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Phase II MS4 General Permit NER300000

Section II. Summary of Storm Water Management Program Activities for Member Communities

Element ID/BMP	BMP Description	Measurable Goal	Schedule for Implementation/Completion	Summary of Results
1.01	Develop and Distribute Educational Materials for Member Communities	Media campaigns are to be developed for member Communities.	Year 1-2 Develop Year 3-5 Implement	Discussion on if the Group will handle this on its own or hire a consultant for parts of it.
1.02	Develop Public Service Announcements	Feedback from Public Service Announcements will measure their effectiveness	Year 1-2 Develop Year 3-5 Implement	Discussion on if the Group should hire a PR firm to produce these announcements
1.03	Develop Educational Information for Inclusion in a Website	Number of hits will be recorded on website	Year 1-2 Develop Year 3-5 Implement	The Group will develop an RFP for this when funds are available.
1.04	Develop a Household Awareness Survey	Develop and distribute Survey to measure effectiveness of The Groups Public Outreach Program	Year 1 Develop Survey Year 2 Implement Survey Year 4 Implement Survey	The Group has developed a survey and is discussing the implementation procedures
1.05	Develop a Call in system for Educational Information related to Storm Water	A call in system will enable the public to access educational information related to Storm Water	Year 1-2 Develop Year 3-5 Implement	The Group has surveyed the Group and all communities have a call in system for various things. The Group will decide how to distribute materials to member communities.
2.01	Organize Public Meetings to Educate the Public on Storm Water Related Concerns	The attendance of the meetings and feedback from them will be tracked	Year 1-2 Develop Year 3-5 Implement	The Group has discussed the use of Video and/or Power point presentations for these meetings

2.02	Participate / Sponsor Community Clean-up events	The Group will track the Clean-up Events member Communities are involved in.	Year 1-2 Develop Year 3-4 Implement	The Group has identified and compared some of the various clean-up events and the member communities are willing to provide funds on an individual community need basis
2.03	Develop a Storm Water Inlet Stenciling Program	The Group will track the number of existing and new inlets stenciled.	Year 1 Develop Year 2 Implement	The Group Has adopted a program for stenciling developed by the City of Lexington
3.01	Develop an Illicit Discharge Ordinance and Illicit Discharge Detection and Elimination Program	The adoption of the associated ordinance is the goal.	Year 1-2 Develop Year 3-5 Implement	The Group is reviewing the draft of this ordinance.
3.02	Perform Dry Weather Inspections of Storm Water Outfalls	Develop Standard Operation Procedures for the Dry Weather Inspections	Year 1-2 Develop Year 3-5 Implement	The Group will be reviewing standard operating procedures as they are introduced
3.03	Mapping of Storm Water System	Assist member Communities in updating storm sewer maps	Year 1-2 Develop Year 2-3 Implement	The Group will identify the needs of member communities as they evaluate their maps.
4.01	Develop a Erosion and Sediment Control Ordinance	Develop an Ordinance and S.O.P. for the associated Program.	Year 1-4 Develop Year 4-5 Implement	The Group is currently reviewing a draft of an Ordinance
4.02	Develop a site Inspection and Plan Review Program	Develop S.O.P. for the Program.	Year 1-3 Develop Year 4-5 Implement	The Group is currently working on the possibility of partnering with the NDOR for the training and certification element of this program.
4.03	Educate Contractors and the Development Community	Educate the contractors and Development Community on the Program	Year 1-3 Develop Year 4-5 Implement	The Group has not addressed this yet.
4.04	Develop Design Standard for Storm Water Runoff Measure	Develop Design Standards	Year 1-3 Develop Year 4-5 Implement	The Group is considering the option of Partnering with NDOR in order to adopt standards from NDOR for the Group's program

5.01	Develop a Post Construction Ordinance	Develop Ordinance	Year 1-4 Develop Year 4-5 Implement	The Group has not addressed this yet.
5.02	Develop BMP Inspection and plan Review Standard Operating Procedures	Develop S.O.P. for Program	Year 1-4 Develop Year 4-5 Implement	The Group has not addressed this yet.
5.03	Develop Educational Materials for the Development Community	Educate the Development Community on Program	Year 1-4 Develop Year 4-5 Implement	The Group has not addressed this yet.
6.01	Develop Training Materials for City Employees	Train City Employees on storm water issues	Year 1 Develop Year 2 Distribute Year 3-5 Implement	The Group has reviewed materials presented by the City of Lexington materials will be made available for member communities.
6.02	Evaluate Street Cleaning	Develop S.O.P. for the evaluation of street cleaning	Year 1-2 Develop Year 3-5 Implement	The Group has discussed this but not addressed this in detail as of yet.
6.03	Evaluate Municipal Operations	Develop S.O.P. for evaluating Municipal Operations	Year 1 Develop Year 2 Implement	The City of Lexington has presented materials to the Group to use in evaluating Municipal Operations. The Group is yet to give final approval.
7.01	Develop Standard Operating Procedures for conduction wet weather baseline monitoring	Develop S.O.P. for baseline wet weather monitoring	Year 1-2 Develop Year 3-5 Implement	The Group has requested that we be allowed to perform the monitoring in the 3 rd and 5 th plan year instead of the 2 nd and 4 th plan year. Giving the group time to make good decisions on setting up our baseline monitoring.
7.02	BMP Assessment Monitoring	Develop a program to assess the effectiveness of BMP control measures	Year 1-2 Develop Year 3-5 Implement	The Group has Requested that we be allowed to perform the monitoring in the 3 rd and 5 th year of the plan. Giving the group time to make good decisions on our assessment program.

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SECTION III. The Nebraska Storm Water Cooperative sMS4 Wide SWMP

Replaces the Member Communities Original

Element ID	BMP Number	Proposed Change or New BMP Description and Justification
MCM 1	BMP 1	Develop and Distribute Educational Materials for member Communities in Various media forms
MCM 1	BMP 2	Develop Public Service Announcements
MCM1	BMP 3	Develop Educational Information for Inclusion in a Website
MCM 1	BMP 4	Develop a Household Awareness Survey
MCM 1	BMP 5	Develop a Call in System for Educational Information related to Storm Water
MCM 2	BMP 1	Organize Public Meetings to Educate the Public on Storm Water Related Concerns
MCM 2	BMP 2	Participate / Sponsor Community Clean-up Events
MCM 2	BMP 3	Develop a Storm Water Inlet Stenciling Program
MCM 3	BMP 1	Develop an Illicit Discharge Ordinance and Illicit Discharge Detection and Elimination Program.
MCM 3	BMP 2	Perform Dry Weather Inspections of Storm Water Outfalls
MCM 3	BMP 3	Mapping of Storm Water System
MCM 4	BMP 1	Develop an Erosion and Sediment Control Ordinance
MCM 4	BMP 2	Develop Site Inspection / Plan Review Program
MCM 4	BMP 3	Educate Contractors and the Development Community
MCM 4	BMP 4	Develop design Standards for Storm Water Runoff Control Measures
MCM 5	BMP 1	Develop a Post Construction Ordinance
MCM 5	BMP 2	Develop BMP Inspection and Plan Review Standard Operating Procedures
MCM 5	BMP 3	Develop Educational Materials for the Development Community
MCM 6	BMP 1	Develop Training Materials for City Employees
MCM 6	BMP 2	Evaluate Street Cleaning
MCM 6	BMP 3	Evaluate Municipal Operations
MCM 7	BMP 1	Develop Standard Operating Procedures for conducting wet weather monitoring
MCM 7	BMP 2	BMP Assessment Monitoring

