



# City of Grand Island

Tuesday, August 07, 2007

Special Council Session

## Item G12

**#2007-186 - Approving Storm Water Management Plan Program  
Grant Application**

Staff Contact: Steven P. Riehle, City Engineer/Public Works Direc

# Council Agenda Memo

**From:** Steven P. Riehle, Public Works Director

**Meeting:** August 7, 2007

**Subject:** Approving Storm Water Management Plan Program Grant Application

**Item #'s:** G-12

**Presenter(s):** Steven P. Riehle, Public Works Director

## Background

In 2005, the EPA expanded the "pollutant discharge" portion of the Clean Water Act of 1977 to include storm water runoff from all Nebraska communities with a population over 10,000. Subsequently, the City Of Grand Island was designated as a National Pollutant Discharge Elimination System (NPDES) Phase II Storm Water community. The City applied for and received a storm water permit from the Nebraska Department of Environmental Quality and adopted a Storm Water Management Plan (see "Forecast" attachment.)

As a result of the passage of LB1226 in the 2006 Nebraska Legislative Session, \$2.5 million in funding was allocated for cities and counties with Storm Water permits to implement their local Storm Water Management Plans (SWMPs). Eligible communities include Omaha/Douglas County, Lincoln/Lancaster County, South Sioux City, Beatrice, Columbus, Fremont, Grand Island, Hastings, Kearney, Lexington, Norfolk, North Platte and Scottsbluff. Grant awards will be distributed to applicants according to population size.

The City of Grand Island is coordinating SWMP activities among the 10 permitted non-metropolitan communities. The required storm water permit was submitted to the NDEQ in June 2005 and the SWMP was submitted in July 2006. Both are required for eligibility to apply for the grant. Public works is working with Community Development in preparation of the attached grant application to the Department of Environmental Quality for these funds.

## **Discussion**

The grant application is due Wednesday, August 22, 2007. A 20% match for the project is required and will be provided by the City Of Grand Island Public Works Department. Grant awards will be announced prior to October 19, 2007 and projects completed by June 20, 2009.

The City is eligible under Permit #NE200010 for no less than \$93,807, but no more than \$492,000. If all eligible non-metropolitan communities across the state apply, the City will receive \$93,807. If Grand Island is the only non-metropolitan community to apply, the City could receive up to \$492,000. *The grant amount to be requested is \$395,847, which is 1/3 of the estimated annual cost for a fully functional SWMP (\$1,199,537).*

Grant activities are restricted to the Best Management Practices (BMP's) and six Minimum Control Measures (MCM's) identified in the City storm water permit. The six MCM's are: 1) education and outreach, 2) public involvement/participation, 3) illicit discharge detection and elimination, 4) construction site storm water runoff control, 5) post-construction storm water management in new development and redevelopment, and 6) pollution prevention good housekeeping for municipal operations.

## **Alternatives**

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

## **Recommendation**

City Administration recommends that the Council approve submission of the grant application and authorize the mayor to sign all related documents.

## **Sample Motion**

Motion to approve submission of the grant application and authorize the mayor to sign all related documents.

# STORM WATER MANAGEMENT PLAN PROGRAM GRANT APPLICATION

**From the City of Grand Island (Sponsor)  
Regarding Implementation of the  
Storm Water Management Plan for Permit NER300008**

Submittal of this application constitutes a request for grant funding from the Storm Water Management Plan Program. Requirements of this grant are as follows:

- The Sponsor must provide at least a 20% cash match for any funds received
- This cash match and the grant award must be kept together in an account separate from any other funds
- These funds must be used only for implementation of the SWMP in permit #NER300008
- These funds may not be used for normal operations and maintenance or flood control
- Additional activities may be funded upon amending the permit with NDEQ approval
- The project duration must not go beyond June 20, 2009
- The Sponsor must provide an annual report at the end of each state fiscal year

To request these forms electronically, call or e-mail Deana Barger at 402-471-6988 or [deana.barger@ndeq.state.ne.us](mailto:deana.barger@ndeq.state.ne.us)

## PART 1 – CONTACT INFORMATION

### PROJECT MANAGER INFORMATION – PLEASE PRINT OR TYPE

<b>PROJECT MANAGER NAME</b> Gary Willard	<b>TITLE</b> Stormwater Technician
<b>STREET ADDRESS</b> 100 East 1st Street P.O. BOX 1968	<b>E-MAIL ADDRESS</b> gwillard@grand-island.com
<b>CITY / STATE / ZIP CODE</b> Grand Island , NE 68802-1968	<b>PHONE NUMBER</b> (308) 385-5444 Ext. 270
<b>MAXIMUM AWARD AMOUNT REQUESTED</b> \$ 395,847.00	<b>PROJECT END DATE</b> June 20, 2009
<b>CITY OF GRAND ISLAND COGNIZANT OFFICIAL SIGNATURE</b>  Margaret Hornady, Mayor	<b>DATE</b>

	<b>Minimum Control Measure</b>	<b>Section/Subsection and Activity Element Description from Approved SWMP</b>	<b>Cost (percentage of grant)</b>	<b>Expected Completion Date</b>
1	Education and Outreach	1.1 Distribute Educational Materials on storm water related issues in various media forms.	10%	06/20/2009
2	Education and Outreach	1.2 Develop and run public service announcements.	5%	06/20/2009
3	Public Involvement / Participation	2.2 Participate/Sponsor Community Clean-up events.	5%	06/20/2009
4	Public Involvement / Participation	2.3 Continue operation of storm sewer stenciling program.	5%	06/20/2009
5	Illicit Discharge Detection and Elimination	3.2 Perform dry weather inspections of storm water outfalls.	10%	06/20/2009
6	Illicit Discharge Detection and Elimination	3.3 Mapping of storm sewer system.	10%	06/20/2009
7	Construction Site Storm Water Runoff Control	4.3 Education contractors and the development community.	5%	06/20/2009
8	Construction Site Storm Water Runoff Control	4.4 Develop design standards for storm water runoff control measures.	5%	06/20/2009
9	Pollution Prevention Good Housekeeping For Municipal Operations	6.1 Continue training materials for city employees.	5%	06/20/2009
10	Pollution Prevention Good Housekeeping For Municipal Operations	6.3 Continue evaluation of municipal operations and implementation of new BMP at facilities.	10%	06/20/2009

RETURN COMPLETED APPLICATION NO LATER THAN 3PM WEDNESDAY, AUGUST 15<sup>TH</sup> TO:  
Deana Barger, Nebraska Department of Environmental Quality, PO Box 98922, Lincoln, Nebraska, 68509

11	Storm Sewer Monitoring	7.1 Develop standard operating procedures for conducting baseline wet weather monitoring.	10%	06/20/2009
12	Storm Sewer Monitoring	7.2 Assessment of city by monitoring discharges.	20%	06/20/2009

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Deana Barger, Nebraska Department of Environmental Quality, PO Box 98922, Lincoln, Nebraska, 68509

## TIMELINE FOR STORM WATER MANAGEMENT GRANTS

August 22, 2007	Applications must be received by the NDEQ by 3:00pm. Applications may not be submitted electronically or by facsimile.
September 5, 2007	A Cooperative Agreement will be mailed to applicants for the program manager's signature.
September 21, 2007	The signed Cooperative Agreement must be returned to NDEQ to begin payment processing.
October 19, 2007	Recipients will receive the full grant amount by direct deposit within 30 days of NDEQ's receipt of the signed Cooperative Agreement.
July 31, 2008	The first annual report is due, covering project activity from grant inception to June 30, 2008.

## QUESTIONS & ANSWERS

- Q. Must the cash match be spent at the same rate as the 20% match requirement?  
A. No; however, the final grant report at the completion of all activities must show at least a 20% cash match.
- Q. Do we need to send copies of invoices with our annual report?  
A. No, but keep them for at least three years past completion of all activities and grant closure. All grant records are eligible for audit.
- Q. Can we repair a storm sewer with this grant?  
A. No. Operation and maintenance activities are not eligible for grant funding.
- Q. Can we build a lake and dam that will stop flooding in the east part of the city with this grant?  
A. No. Flood control is not an eligible activity.
- Q. Can we use these funds for storm water BMPs that aren't in our SWMP?  
A. No, but you can amend your permit to include new BMPs. Contact Mary Schroer, NDEQ Storm Water Program Specialist, at 402-471-2186 to discuss amending your permit.
- Q. Who is eligible to receive Storm Water Management grants?  
A. Only cities and counties with an NDEQ-approved Storm Water Permit.
- Q. How is the amount given to each applicant determined?  
A. First, all eligible applicants are divided into two categories – those located in urbanized areas and those in non-urbanized areas. Applicants in urbanized areas are granted 80% of the available funds, which are divided evenly by applicant population size; those in non-urbanized areas are granted 20% divided evenly by applicant population size.
- Q. Will there be more money available in subsequent years?  
A. It is not yet determined whether or not the grant funding will be renewed.
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## Forecast for Grand Island: Storm Water is on the way!

**N**o this is not a weather report, just a little information about the City of Grand Island's **NEW** Storm Water Management Plan. Today it seems that any good plan must have a new set of acronyms and this plan is no exception. Starting with (SWMP) or Storm Water Management Plan. The plan is a requirement of the National Pollutant Discharge Elimination System or (NPDES) for small Municipal Separate Storm Sewer Systems or (sMS4) Phase II communities under the Clean Water Act and is a Requirement of City's General Permit Number NER300000 to discharge waters to the state. The City's SWMP has been submitted to the Nebraska Department of Environmental Quality NDEQ and is currently under review. The General Permit requires that the City's SWMP address 6 Minimum Control Measures or (MCM's). To accomplish the (MCM's) you must use Best Management Practices or (BMP's) the BMP's are developed as means by which the City can accomplish each MCM. In plain English the MCM's are the method and the BMP's are the means.

The SWMP begins by addressing Public Education and Participation. **MCM #1 Public Education and Outreach** along with **MCM #2 Public Involvement and Participation** and their associated BMP's create an Education and Outreach Program to educate the public about Storm Water and the hazards of pollutants in storm water runoff. The education program will emphasize public health, safety and conservation along with storm water pollutants information. Participation in events such as the children's Groundwater Festival and using stuffers in utility bills are a few of the ways the program will involve and educate the public.

**MCM #3 Illicit Discharge and Detection Elimination.** The associated BMP's with this MCM call for adoption of a City ordinance prohibiting Illicit Discharges and provides an avenue for the citizens of Grand Island to register storm water pollutant complaints. The Illicit Discharge ordinance will empower the City to track, identify and eliminate illicit discharges to the storm drain system.





## Storm Water is on the way!

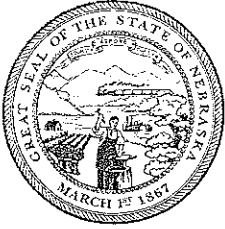
**MCM #4 Construction Site Runoff Controls.** This MCM and associated BMP's calls for the adoption of another ordinance to the City code. This ordinance will be for Erosion and Sediment control. The ordinance will require erosion and sediment control measures be part of construction site plans. Implementation of an Inspection and plan review program will be a part of this ordinance. The education and early involvement of the development community and the contractors will be critical to the success of this program.

**MCM #5 Post Construction Storm Water Management in New Development and Redevelopment.** This is the follow up to MCM #4 after the permanent site controls are in place the BMP's associated with this MCM empower the City to make ongoing inspections of the controls and make sure proper maintenance is preformed to keep them operating properly.

**MCM #6 Pollution Prevention/Good Housekeeping.** The associated BMP's with this MCM call for a staged approach in the training of employees for using good housekeeping practices for the elimination of pollutants. The identification of pollutant potential in municipal operations and maintenance facilities will be the first stage in the program. Reviewing polices and procedures for pollution control and elimination will follow recommending changes as necessary to eliminate pollutants.

This information is offered as an overview of the SWMP. The plan document should be consulted for specific information.





Dave Heineman  
Governor

## STATE OF NEBRASKA

DEPARTMENT OF ENVIRONMENTAL QUALITY

**Michael J. Linder**

Director

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1200 'N' Street

P.O. Box 98922

Lincoln, Nebraska 68509-8922

Phone (402) 471-2186

FAX (402) 471-2909

website: [www.deq.state.ne.us](http://www.deq.state.ne.us)

July 23, 2007

Margaret Hornady, Mayor  
PO Box 1968  
Grand Island, NE 68802-1968

Dear Ms. Hornady,

The Nebraska Legislature passed LB1226 in 2006, which established the Storm Water Management Plan Program to provide funding to cities and counties with Storm Water permits to implement their local Storm Water Management Plans (SWMPs). The first half of this grant fund was distributed last year, and the second half is now available for distribution. The City of Grand Island, permit #NER300010, is entitled to at least \$93,807 and no more than \$492,000 of these funds. Applicants located within urbanized areas will receive 80% of the available funds and those in non-urbanized areas will receive 20%; funds from each category will be distributed evenly amongst the applicants based on their population. If every eligible applicant in your category requests funding, you will receive the minimum amount – if fewer apply, you will receive a larger share.

Requirements and restrictions:

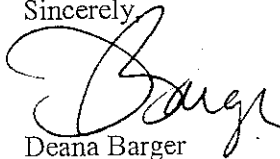
- This money must be used to implement aspects of your SWMP.
- Other appropriate activities may be eligible if your SWMP is amended to include them.
- This money may not be used for operations and maintenance or flood control expenditures.
- You must provide a 20% cash match for any funds received; for example, a \$20 match for every \$100 received.
- The grant award and your cash match must be kept together in their own account.
- Project duration may not go beyond June 20, 2009.
- Annual reports must be submitted yearly for the duration of the project.

**If interested in obtaining funding, you must complete the enclosed application and return it to me at the address on this letterhead no later than 3pm Wednesday, August 22<sup>nd</sup>.**

If you applied last year, you may use the same application, with updated expected completion dates, if you choose. A signed Cooperative Agreement will be mailed to you on or around September 5<sup>th</sup>, 2007. The cognizant official, as indicated on the application, must sign the Cooperative Agreement and return it to me by 3pm Friday, September 21<sup>st</sup>. You will receive full payment of the grant amount within 30 days from receipt of the signed Cooperative Agreement.

Please see enclosed guidance for a more specific timeline and common questions and answers regarding this program. If you have any additional questions, please contact me by e-mail at [deana.barger@ndeq.state.ne.us](mailto:deana.barger@ndeq.state.ne.us) or by phone at 402-471-6988.

Sincerely,



Deana Barger

cc: Steven P. Riehle

RESOLUTION 2007-186

WHEREAS, in 2005, the Environmental Protection Agency expanded the “pollutant discharge” portion of the Clean Water Act of 1977 to include storm water runoff from Nebraska communities with a population over 10,000; and

WHEREAS, the City of Grand Island was designated as a National Pollutant Discharge Elimination System (NPDES) Phase II Storm Water community and was required to apply for a storm water permit from the Nebraska Department of Environmental Quality and adopt a Storm Water Management Plan; and

WHEREAS, the State of Nebraska allocated \$2,500,000.00 in funding for three metropolitan cities and ten non-metropolitan cities and counties with Storm Water permits; and

WHEREAS, the City of Grand Island, Nebraska, is an eligible unit of a general local government authorized to file an application through the Nebraska Department of Environmental Quality for a grant to implement the Storm Water Management Plans (SWMPs) and is entitled to a minimum of \$93,807.00 and no more than \$492,000.00 from the State of Nebraska; and

WHEREAS, the City is requesting \$395,847.00 and the required twenty percent (20%) match for the project will be provided by the City of Grand Island, Public Works Department; and

WHEREAS, the Nebraska Department of Environmental Quality is taking applications until August 22, 2007.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the City of Grand Island, Nebraska, is hereby authorized to apply for funding from the Nebraska Department of Environmental Quality, for the Storm Water Management Plan Project.

BE IT FURTHER RESOLVED, that the Mayor is hereby authorized and directed to execute such grant application and other documentation on behalf of the City of Grand Island for such grant purposes.

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Adopted by the City Council of the City of Grand Island, Nebraska, August 7, 2007.

\_\_\_\_\_  
Margaret Hornady, Mayor

Attest:

\_\_\_\_\_  
RaNae Edwards, City Clerk

Approved as to Form	☐ _____
August 2, 2007	☐ City Attorney