



# MS4 Annual Report

## SD Department of Environment and Natural Resources

**General Information**

<b>Name of MS4 Program:</b>	City of North Sioux City	<b>Mailing Address:</b>	504 River Drive
<b>MS4 Coordinator:</b>	Tim Hogan		North Sioux City, S.D. 57049
<b>Phone Number:</b>	605-232-9165		
<b>Fax Number:</b>	605-232-0506	<b>Email Address:</b>	Publicworks@northsiouxcity-sd.gov

**General Questions Regarding Your MS4 Program**

Storm Water Management Program (SWMP)		Comments
(Please use this space to clarify or add to your answer)		
Has a compliance schedule been developed for fully implementing the SWMP? (Please explain)	Y	February, 2015 Storm Water Management Plan provides a schedule for the SWMP implementation.
Is the SWMP put together in a written document(s)?	Y	
Has the SWMP continued to be revised?	Y	
Does the SWMP have internal stake holders? (i.e. other internal departments responsible for implementing parts of the SWMP).	Y	
Does the SWMP list staff /roles and responsibilities that have been assigned?	Y	
Is the implementation of the SWMP shared with any other entity?	Y	The SWMP is shared with other citizens through the Notice of Stabilization Transfer Form.
If the implementation of the SWMP is shared with another entity, is there a written agreement documenting responsibilities?	Y	Yes, the City has developed a Notice of Stabilization Transfer Form.
Does the SWMP identify pollutants of concern? (List all pollutants addressed in your SWMP)	Y	Total suspended solids, E.Coli, Fecal Coliform, Oil, grease, visible trash, and sediment.
Have strategies been implemented to address the discharge of the pollutants of concern?	Y	
Does your SWMP contain a description of the rationale for each BMP, and measurable goal, and an assessment of each goal for each of the minimum control measures?	Y	

		<b>Comments</b>
<b>Public Education and Outreach</b>		<b>(Please use this space to clarify or add to your answer)</b>
Are educational materials distributed or outreach activities conducted to educate the public on reducing pollutants in storm water runoff?	Y	
Are local businesses targeted with informational materials on improper waste disposal and illegal discharges?	Y	
		<b>Comments</b>
<b>Public Involvement/Participation</b>		<b>(Please use this space to clarify or add to your answer)</b>
Has the public been involved in developing, reviewing, and implementing the SWMP?	Y	Public input is received at the obtained at the annual City Council Meeting which presents and discusses the updated SWMP.
Are efforts being made to reach out and engage the entire community in the MS4 program?	Y	Examples: Joint lake cleanup with Izaak Walton League, Adopt-a-Highway program, twice yearly community wide cleanup with Ike's.
Has your MS4 complied with all public notice requirements?	Y	
Are you documenting efforts to involve the public and ensure they were given opportunities to be involved?	Y	
		<b>Comments</b>
<b>Illicit Discharge Detection and Elimination</b>		<b>(Please use this space to clarify or add to your answer)</b>
Does your MS4 have an ordinance prohibiting non-storm water discharges into the storm sewer system?	Y	
Does your MS4 have enforcement measures for illicit discharges?	Y	List enforcement mechanisms: Illicit Discharge and Elimination Plan, fines, and loss of service.
Has a plan been developed and implemented to detect illicit discharges, including the following elements (must be a written part of the SWMP): <ul style="list-style-type: none"> <li>• Procedures for locating priority areas.</li> <li>• Procedures for tracing the source of the discharge.</li> <li>• Procedures for removing the source of the discharge.</li> <li>• Procedures for evaluating /assessing the illicit discharge plan.</li> </ul>	Y	
Does your MS4 have a map of: <ul style="list-style-type: none"> <li>• Storm sewer system</li> <li>• Storm sewer outfalls</li> <li>• Names and locations of waters of the state that receive discharges from the outfalls.</li> </ul>	Y	

Are public employees, businesses, and the general public being informed of hazards associated with illegal discharges and improper disposal of waste?	Y	
Is dry weather screening being conducted to detect illicit discharges?	Y	
Are illicit discharge investigations and enforcement actions being documented?	Y	

**Comments**

**Construction Site Storm Water Runoff Control**

*(Please use this space to clarify or add to your answer)*

Does your MS4 have an ordinance or regulatory mechanism to require erosion and sediment controls for construction activities of one or more acres?	Y	
Does your MS4s have requirements for proper erosion and sediment control BMPs?	Y	
Does your MS4s have requirements for construction site operators to control waste materials?	Y	
Does your MS4s have procedures for site plan review that considers water quality impacts?	Y	
Does your MS4s have procedures for receipt and consideration of information submitted by the public?	Y	
Does your MS4s have procedures for site inspections?	Y	
Does your MS4s have procedures for enforcement?	Y	

**Comments**

**Post Construction Storm Water Management**

*(Please use this space to clarify or add to your answer)*

Does your MS4 have an ordinance or other regulatory mechanism to require post construction BMPs for new development and redevelopment projects?	Y	
Does your MS4 have requirements to ensure long-term operation and maintenance of the BMPs.	Y	

**Comments**

**Pollution Prevention/Good Housekeeping**

*(Please use this space to clarify or add to your answer)*

Has pollution prevention guidelines for reducing pollutant runoff from municipal operations been developed and implemented?	Y	
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## **Public Education and Outreach**

**List all public education and outreach goals that were to be completed in 2014. Explain how you have determined the goal has been met and list the date(s) each goal was completed:**

- a.) Check inlet labels-goal was updated by observation, and completed by 12/31/14.
- b.) Map of inlets and outlets was updated and updated by 12/31/13.
- c.) Brochures are available at City Hall after 1/31/14 and are being distributed as noted by reduction in quantity.
- d.) Adopt-a-Highway continues and the right of way is cleaner as a result of citizen participation

**For goals that were not completed in 2014, provide an explanation why the goal was not met, and the new implementation schedule for meeting the goal?**

Inlet labels were not installed at missing locations. The flood of June, 2014 required extensive staff time to prepare for the flood and cleanup after the flood. By 9/1/15 the City will perform the installation of labels.

**List all best management practices (BMPs) that have already been implemented for public education and outreach that are continuing to be maintained through the SWMP (include a schedule indicating how each is being implemented).**

- a.) Check inlet labels-will continue annually by the City.
- b.) Map of inlets and outlets will be updated annually by the City.
- c.) Brochures will continue to be available at City Hall with restocking as required by the City.
- d.) Adopt-a-Highway will continue and the right of way is cleaner as a result of citizen participation. The City will monitor the right of way for cleanliness on a frequent basis.

**Please explain if the BMPs that have been implemented for public education and outreach are having the desired effect. Also explain how the desired effect of each BMP is being determined.**

- a.) Check inlet labels-no evidence of dumping found, which is the desired result.
- b.) Map of inlets and outlets which provides a record keeping and inspection process, which has the desired result of no detectable illicit connections.
- c.) Brochures are available at City Hall are being read as evident by the consumption rate.
- d.) Adopt-a-Highway continues and the right of way is cleaner as a result of citizen participation

## **Public Involvement/Participation**

**List all public involvement and participation goals that were to be completed in 2014. Explain how you have determined the goal has been met and list the date(s) each goal was completed:**

- a.) Lake cleanup is a joint effort with the Lake Association which results in a considerable volume of debris removal from the Lake.
- b.) City wide cleanup in the spring with the Izaak Walton League, results in the collection and disposal of a large volume of debris from the City right of way. Local citizens contribute disposable material as well.
- c.) City wide cleanup in the fall involves citizen delivery of debris, tires, paint, and fluids. The City burns waste oil and other fluids for heating the shop.
- d.) Public meeting is attended by Citizens that gain knowledge of the storm sewer system. Regular meetings are conducted with the Lake Association, and Izaak Walton League.
- e.) The City participates in water quality monitoring of McCook Lake.

**For goals that were not completed in 2014, provide an explanation why the goal was not met, and the new implementation schedule for meeting the goal?**

All goals were met.

**List all best management practices (BMPs) that have already been implemented for public involvement and participation that are continuing to be maintained through the SWMP (include a schedule indicating how each is being implemented).**

- a.) Lake cleanup is a joint effort with the Lake Association. Performed annually in June.
- b.) City wide annual cleanup in the spring with the Izaak Walton League which is funded by the City, annually.
- c.) City wide cleanup in the fall –which is funded by the City, annually.
- d.) Public meeting is attended by Citizens that gain knowledge of the storm sewer system. Regular meetings are conducted with the Lake Association, and Izaak Walton League.
- e.) The City participates in water quality monitoring of McCook Lake with funding by the City annually.

**Please explain if the BMPs that have been implemented for public involvement and participation are having the desired effect. Also explain how the desired effect of each BMP is being determined.**

- a.) Lake cleanup is a joint effort with the Lake Association which results in a considerable volume of debris removed from the Lake – visually verified.
- b.) City wide cleanup in the spring with the Izaak Walton League results in the collection and disposal of a large volume of debris from the City right of way.-visually verified.
- c.) City wide cleanup in the fall - results in the collection and disposal of a large volume of debris from the City right of way.-visually verified.
- d.) Public meeting is attended by Citizens that gain knowledge of the storm sewer system. Regular meetings are conducted with the Lake Association, and Izaak Walton League. Water quality issues are discussed.
- e.) The City participates in water quality monitoring of McCook Lake which continues to verify the good Lake Water quality.

## **Illicit Discharge Detection and Elimination**

**List all illicit discharge detection and elimination goals that were to be completed in 2014. Explain how you have determined the goal has been met and list the date(s) each goal was completed:**

- a.) Map of storm sewer system updates completed by 12/31/14.
- b.) Map of storm sewer inlets updates completed after 12/31/14.
- c.) Outlet inspections at dry weather intervals were not completed this year due to the flood conditions.

**For goals that were not completed in 2014, provide an explanation why the goal was not met, and the new implementation schedule for meeting the goal?**

Sampling of the single outlet with continuous ground water flow was not performed. Inspections of storm sewer outlets were not recorded. A recording form for storm sewer outlets was developed for use in 2015. The goals were not performed in 2014 due to the flood in June of 2014.

**List all best management practices (BMPs) that have already been implemented for illicit discharge detection and elimination that are continuing to be maintained through the SWMP (include a schedule indicating how each is being implemented).**

- a.) Map of storm sewer system updates to be completed annually.
- b.) Map of storm sewer inlets updates to be completed annually.
- c.) Outlet inspections at dry weather intervals to be completed annually.

**Please explain if the BMPs that have been implemented for illicit discharge detection and elimination are having the desired effect. Also explain how the desired effect of each BMP is being determined.**

- a.) Map of storm sewer system updates is providing a means to complete inspections that are indicating no illicit connections.
- b.) Map of storm sewer inlets updates is providing a means to complete inspections that are indicating no illicit connections.
- c.) Outlet inspections at dry weather intervals are indicating no illicit connections.

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<b>Construction Site Storm Water Runoff Control</b>
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<p><b>List all construction site storm water runoff control goals that were to be completed in 2014. Explain how you have determined the goal has been met and list the date(s) each goal was completed:</b></p> <p>a.) The City continues to monitor all land disturbances and requires permitting for land disturbances of greater than 1 acre. The monitoring reports are review and stored at the site container.</p> <p>b.) Projects that disturb more than 1 acre are providing SWPPP, with review by the City, and submittal of a Notice of Intent to the SD-DENR. The City has received copies of the SD-DENR permit correspondence.</p> <p>c.) Projects of less than 1 acre are providing erosion control, which is monitored by the City.</p>
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<p><b>For goals that were not completed in 2014, provide an explanation why the goal was not met, and the new implementation schedule for meeting the goal?</b></p> <p>None.</p>
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<p><b>List all best management practices (BMPs) that have already been implemented for construction site storm water runoff control that are continuing to be maintained through the SWMP (include a schedule indicating how each is being implemented).</b></p> <p>a.) The City continues to monitor land disturbances of greater than 1 acre. The monitoring reports are reviewed and stored at the site container.</p> <p>b.) Projects that disturb more than 1 acre are providing SWPPP. Notice of Intent documents are submitted to the SD-DENR prior to the start of construction. The City has received copies of the SD-DENR correspondence.</p> <p>c.) Projects of less than 1 acre are providing erosion control, which is monitored by the City.</p>
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<p><b>Please explain if the BMPs that have been implemented for construction site storm water runoff control are having the desired effect. Also explain how the desired effect of each BMP is being determined.</b></p> <p>a.) The SWPP's for land disturbances of greater than 1 acre are successful, as indicated by the outlet inspections.</p> <p>b.) Projects of less than 1 acre are providing erosion control, which is monitored by the City.</p>
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## **Post Construction Storm Water Management**

**List all post construction storm water management goals that were to be completed in 2014. Explain how you have determined the goal has been met and list the date(s) each goal was completed:**

a.) Sites are monitored for required repair or cleaning.

**For goals that were not completed in 2014, provide an explanation why the goal was not met, and the new implementation schedule for meeting the goal?**

None.

**List all best management practices (BMPs) that have already been implemented for post construction storm water management that are continuing to be maintained through the SWMP (include a schedule indicating how each is being implemented).**

a.) Permanent storm water control sites are monitored annually for required repair or cleaning.

**Please explain if the BMPs that have been implemented for post construction storm water management are having the desired effect. Also explain how the desired effect of each BMP is being determined.**

a.) Permanent Sites are performing well as documented by the outlet inspections.

## **Pollution Prevention/Good Housekeeping**

**List all pollution prevention and good housekeeping goals that were to be completed in 2014. Explain how you have determined the goal has been met and list the date(s) each goal was completed:**

- a.) City cleanup to reduce public illegal disposal in right of way.
- b.) City material storage is under a roof and away from storm drains.
- c.) City oil and fluids are burned for heat to reduce pollution potential.

**For goals that were not completed in 2014, provide an explanation why the goal was not met, and the new implementation schedule for meeting the goal?**

None.

**List all best management practices (BMPs) that have already been implemented for pollution prevention and good housekeeping goals that are continuing to be maintained through the SWMP (include a schedule indicating how each is being implemented).**

- a.) City cleanup to reduce illegal disposal in right of way will continue annually by the City.
- b.) City material storage is under a roof and away from storm drains, which will continue annually.
- c.) City oil and fluids are burned for heat to reduce pollution potential which will continue annually.

**Please explain if the BMPs that have been implemented for pollution prevention and good housekeeping goals are having the desired effect. Also explain how the desired effect of each BMP is being determined.**

- a.) City cleanup is successful as evident by the lack of disposal in right of way.
- b.) City material storage is under a roof and away from storm drains which is preventing storm water pollution by visual inspection.
- c.) City oil and fluids are burned for heat to reduce pollution potential.

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Name (print) Don Fuxa  
Title Mayor  
Signature  
Date