

Due by March 31, 2017

Notice: Pursuant to s. NR 216.07(8), Wis. Adm. Code, an owner or operator of a Municipal Separate Storm Sewer System (MS4) is required to submit an annual report to the Department of Natural Resources (DNR) by March 31 of each year to report on activities for the previous calendar year. This form is being provided by the DNR for the user's convenience. Personal information collected will be used for administrative purposes and may be provided to the extent required by Wisconsin's Open Records Law [ss. 19.31-19.39, Wis. Stats.].

This form is for reporting on activities undertaken in calendar year 2016.

Instructions: Complete each section of the form. If additional space is needed, attach additional pages. Provide descriptions that explain the program actions taken to comply with the general permit. Complete and submit the annual report by March 31, 2017, to the appropriate address indicated on the last page of this form.

Part I. Municipal Information

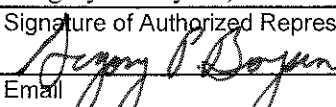
Name of Municipality City of Beloit		Facility ID No. (FIN) 31039	
Mailing Address 100 State Street	City Beloit	State WI	ZIP Code 53511
County(s) in which Municipality is located Rock	Municipality Type: (select one) <input type="radio"/> County <input checked="" type="radio"/> City <input type="radio"/> Village <input type="radio"/> Town <input type="radio"/> Other (specify)		

Part II. Municipal Contact Information

Name of Municipal Contact Person William A. Frisbee, PE		Title Storm Water Engineer	
Mailing Address (if different from above) 2400 Springbrook Ct.	City Beloit	State WI	ZIP Code 53511
Email FrisbeeW@beloitwi.gov	Phone Number (include area code) (608) 364-6699	Fax Number (include area code) (608) 364-2879	
Has the contact person changed in the last year? <input type="radio"/> Yes <input checked="" type="radio"/> No			

Part III. Certification

I hereby certify that I am an authorized representative of the municipality covered under MS4 General Permit No. WI-S050075-2 for which this annual report is being submitted and that the information contained in this document and all attachments were gathered and prepared under my direction or supervision. Based on my inquiry of the person or persons under my direction or supervision involved in the preparation of this document, to the best of my knowledge, the information is true, accurate, and complete. I further certify that the municipality's governing body or delegated representatives have reviewed or been apprised of the contents of this annual report. I understand that Wisconsin law provides severe penalties for submitting false information.

Authorized Representative Printed Name Gregory P. Boysen, PE	Authorized Representative Title Public Works Director	
Signature of Authorized Representative 	Date 3/31/17	
Email BoysenG@beloitwi.gov	Phone Number (include area code) (608) 364-6693	Fax Number (include area code) (608) 364-2879

Part IV. General Information

a. Describe the municipality's efforts to invite the municipal governing body, interest groups, and general public to review and comment on the annual report.

A copy of the annual report is given to the City Council and a copy of the report is available on the City's website.

b. Describe how the municipality has kept elected and municipal officials and appropriate staff (such as operators, department heads, and those that interact with the public) informed of the municipal storm water discharge permit and its requirements.

Storm water permit issues are discussed at various Public Works meetings. Engineering staff works closely with other departments/divisions (Planning, Economic Development, City Manager, DPW) in the City to assure everyone is on the same page

c. Has the municipality prepared or updated its own municipal-wide storm water management plan during the reporting year?

☒ Yes ☐ No

If yes, provide the title and date of storm water management plan and list any updates:

City of Beloit Stormwater Management Plan Update - September 30, 2016

If yes, has the information been submitted to the Department?

☒ Yes ☐ No

- d. During the reporting year, has the municipality entered into a written agreement with another municipality or a contract with another entity to perform one or more of the conditions as provided under section 2.10 of the general permit? ☒ Yes ☐ No

If yes, describe these cooperative efforts:

The City of Beloit has been a member of the Rock River Stormwater Group (RRSG) since 2008. The group collectively implements an annual work plan to meet the requirements of the permit for public education and outreach as well as public involvement and participation. See the attached RRSG summary.

If yes, has the information been submitted to the Department?

☒ Yes ☐ No

- e. If the municipality has an internet website, is there current information about or links provided to the MS4 general permit and/or the municipality's storm water management program?

☒ Yes ☐ No

If yes, provide web address:

Go to www.beloitwi.gov navigate to departments, utilities, storm water utility

Part V. Evaluation of Permit Conditions (Section 2 of General Permit)

Minimum Control Measures: For each of the permit conditions listed below, provide an evaluation of program compliance with the general permit.

1. Public Education and Outreach (Section 2.1 of General Permit)

Description of Program(s)	The City partners with other communities through the Rock River Stormwater Group. See attached summary for activities in 2016. In addition to RRSG activities, City staff try to visit classrooms to discuss storm water runoff and pollution using an enviroscape and a groundwater model. The models were displayed at the Farmer's Market and an Earth Day celebration event. The City participated in the Testing the Waters event.
Measurable Goal(s)	Will develop in 2017
Result(s) Achieved	See attached RRSG summary.
Describe any planned changes to program.	In 2016, RRSG hired Creative Marketing Unlimited from UWW to take on our public ed, outreach, involvement and participation roles. The group has been attending events, developing a storm water 101 video series, generating social media content, creating a new website and branding. The new campaign is Protect Wisconsin Waterways. They are coordinating with other education groups in the state to get better consistency and collaboration throughout the state. Continue and expand this program in 2017.

2. Public Involvement and Participation (Section 2.2 of General Permit)

Description of Program(s)	The City partners with other communities through the Rock River Stormwater Group. See attached summary for activities in 2016. The City worked with students from the high school on a leaf collection study for phosphorus reduction. The City participated in the Testing the Waters event.
Measurable Goal(s)	Will develop in 2017
Result(s) Achieved	See attached RRSG summary.
Describe any planned changes to program.	

3. Illicit Discharge Detection and Elimination (Section 2.3 of General Permit)

Description of Program(s)	The City of Beloit has an Illicit Discharge and Connection ordinance that regulates the allowable discharges to the City's MS4. The City conducts dry weather inspections on major outfalls from the storm sewer system. The City responds to reports of illicit discharges. No written procedure is in place.
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Part V. Evaluation of Permit Conditions (continued)

Measurable Goal(s)	Inspect all major outfalls on the Rock River during a dry weather period in even number years. Inspect all major outfalls on Lenigan Creek, Turtle Creek and Springbrook Creek during a dry weather period in odd number years. Respond to all notifications of illicit discharges.
Result(s) Achieved	All major outfalls in the City were inspected in 2016. Received one notification of a potential discharge. When Responding, found a restaurant cooking oil damaged and leaking into the storm sewer. The owner immediately cleaned the oil upon notification. No enforcement actions were taken.
Describe any planned changes to program.	The City will write a procedure for performing the dry weather outfall inspections and for responding to notifications of illicit discharge and connections in 2017.

4. Construction Site Pollutant Control (Section 2.4 of General Permit)

Description of Program(s)	The City has a construction site erosion and sediment control ordinance to regulate construction sites of at least 1 acre ground disturbance. An erosion and sediment control permit is also in place. The City inspects all commercial permitted site on a weekly basis and after each precipitation event of at least 1/2". DNR inspection forms are filled out during each site inspection. Engineering staff reviews site plans for compliance with the ordinance. Building inspectors do the field inspections.
Measurable Goal(s)	# of Permits issued # of inspection performed
Result(s) Achieved	8 permits issued 244 inspections performed
Describe any planned changes to program.	Document procedures and roles.

5. Post-Construction Storm Water Management (Section 2.5 of General Permit)

Description of Program(s)	The City has a post-construction storm water management ordinance that was updated to meet the revised requirements of NR 151. Site plans are reviewed by Engineering staff to make sure they comply with the ordinance. Maintenance agreements are required, but historically all have not been filed with the County. An ordinance update in 2015 requires the land owner to file the agreement with Rock County prior to be granted occupancy.
Measurable Goal(s)	Develop in 2017
Result(s) Achieved	
Describe any planned changes to program.	Get back-log of maintenance agreements signed and recorded. Document roles and responsibilities.

6. Pollution Prevention (Section 2.6 of General Permit)

Description of Program(s)	The City strives to minimize the pollution generated on municipal sites using thorough street sweeping, a substantial snow and ice control program, SWPPPs and structural storm water management facilities. The City's programs provide multiple options for residents to dispose of yard waste and fall leaves. The program prohibits yard waste and leaves from being put in the street.
Measurable Goal(s)	Develop in 2017
Result(s) Achieved	

Part V. Evaluation of Permit Conditions (continued)

Describe any planned changes to program.	Establish a procedure for inspection of privately owned BMPs the City uses for TMDL compliance.
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• **Storm Water Management Facilities** (Section 2.6.1 of General Permit)

List any new municipality owned or operated structural storm water management facilities (ponds, biofilters, etc.) added in the last year.

No new facilities added.

• **Routine Inspection and Maintenance** (Section 2.6.2 – 2.6.4 of General Permit)

Does the municipality have an inspection and maintenance program for installed structural storm water management facilities?

☐ Yes ☒ No

Describe the inspection and maintenance program and any activities that have occurred for structural storm water management facilities in 2016. If available, attach any additional information on the inspection and maintenance program.

Will develop inspection program in 2017.

Dry basins were kept mowed.

Stormceptor type catchbasin are cleaned every six months.

The detention basin at 2400 Springbrook Ct had some erosion along the sideslopes that was repaired.

Describe the street sweeping and catch basin cleaning efforts, and the disposal of waste.

Streets with ditches are typically swept once per year. All other streets are swept approximately 12 times per year.

The City has one mechanical and one vacuum sweeper.

The City has a low hazard exemption for the reuse of street sweepings. All sweepings for the season are stored in a pile until they can be screened and tested for reuse in accordance with the low hazard exemption.

The City collected approximately 1,163 tons of debris while sweeping in 2016. The stored sweeping material from 2015 and 2016 have not been screened and tested for reuse yet. Approximately 1,900 ton of unprocessed street sweepings are on site. The City also has approximately 1,740 tons of processed and tested street sweepings waiting to be used in accordance with the low hazard exemption.

No street sweepings were used or disposed of in 2016.

The City has a couple of large stormceptor or snout catchbasin manholes in the storm sewer system. These are cleaned out every six months. The material is taken to the landfill.

Inlet sumps are cleaned out periodically when we find a problem. The material is taken to the landfill.

• **Winter Road Management Activities** (Section 2.6.5 of General Permit)

Provide the name, title, and phone number of the individual(s) with overall responsibility for winter roadway maintenance.

Greg Boysen, Public Works Director, 608-364-6693 Overall responsibility

Bruce Slagoski, Street Supervisor, 608-364-2929 x 7008, Daily operational management

Bill Mickelson, Inventory Control Tech, 608-364-2934, Product usage

Anne Hill, Administrative Assistant, 608-364-2929 x7002, Reporting

Describe the types of products used for winter road management (e.g. deicing, pre-wetting, salting, etc.).

Anti-Icing: Dependent on weather; The City uses salt brine or a liquid blend of salt brine, calcium chloride and an organic Geomelt. Forecast and pavement temps are used to determine the appropriate products.

De-icing: Road salt is kept to a minimum, sensible salting is required. Per the Snow & Ice Policy, all road salt will be pre-wet to reduce bounce and scatter and increase effectiveness.

Anti-icing and deicing strategies are combined for overall program efficiencies and safety.

Report the amount of product used by month over the last winter season (approx. November 2015 through April 2016).

November 2015 - Road Salt 104 ton

- Salt brine 9,232 gallons

December 2015 - Road salt 212 ton

- Salt brine 1,680 gallons

- 80/10/10 Mix 10,244 gallons

January 2016 - Road salt 560 ton

- Salt brine 6,612 gallons

- 80/10/10 Mix 52,106 gallons

- 50/50 Mix 2,935 gallons

February 2016 - Road salt 441 ton

- 80/10/10 Mix 47,766 gallons

March 2016 - Road salt 292 ton

- Salt brine 18,799 gallons

- 80/10/10 Mix 4,310 gallons

Report the snow disposal locations, if applicable.

1312 Park Avenue

2301 Skyline Drive - Telfer Park

1630 Hackett Street - Krueger Park

Describe anti-icing, equipment calibration, and salt reduction strategies.

Encourage sensible salting.

Anti-icing and deicing used in combination for best results.

Plows used early on during events as it is still the best way to remove snow and ice.

Annual operator training.

State APWA Snow Plow Roadeo participant.

Supervisors receive the North American Snow & Ice Supervisor Certificate on a rotational basis.

Community & political leaders educated annually on service levels and program.

Equipment calibrated. Calibration sheets attached to driver visor for easy access.

Sidewalks and parking lots calibrated for area of salt use.

Material handling- above standards.

Monthly snow & ice control calendar duties schedules and monitored

Weather forecasting tools used and monitored

Debriefing after winter storms

Routes and drivers established

Products weighed, recorded on product sheets, reviewed after event

Product usage and snow events tracked

Equipment winterization program completed by fleet and operators based on winterization sheets

Describe any other additional data or information used to evaluate the winter road management activities.

Snow event debriefings

Product usage sheets

DOT site reports

- Leaf Management (Section 2.6.6 of General Permit)

Part V. Evaluation of Permit Conditions (continued)

Describe the management of leaves and grass clippings.

The City collects yard waste curbside one week per month May-October. A fee of \$1.50/ container applies.

Free curbside collection occurs the first three weeks in November. Leaves must be bagged.

City residents can dispose of yard waste at the City of Janesville Compost Site for a fee.

The City offers a fall leaf-vac service to clean leaves off the terrace in the fall.

The street sweepers collect leaves from the curb line in the fall.

All grass clippings, leaves and other yard waste collected by the City are put into a storage pile where they break down.

• Municipal Pollution Prevention (Section 2.6.7 of General Permit)

Provide the location (street address) of each facility (municipal yards and/or maintenance facilities) and contact information (name, title, and phone number) for the individual(s) with overall responsibility for each facility.

2400 Springbrook Ct., Harry Mathos, Director of Water Resources, 608-364-5721

2351 Springbrook Ct., Jodine Saunders, Safety and Sustainability Coordinator, 608-364-7009

1459 Sixth St., Bruce Slogoski, Street Supervisor, 608-364-7008

2290 Colley Rd., Harry Mathos, Director of Water Resources, 608-364-5721

1611 Hackett St., Mark Young, Golf Course Supervisor, 608-364-7005

Map(s) included? ☒ Yes ☐ No - Include a map of each facility, drawn to scale and include the following features:

- Location of major activities and storage areas
- Identification of drainage patterns, potential sources of storm contamination and discharge points.
- Identification of nearby receiving waters or wetlands
- Identification of connections to the permittees's MS4

Describe the housekeeping activities and best management practices installed at municipal yards and/or maintenance facilities to reduce or eliminate storm water contamination.

Vehicles and equipment maintained to minimize leaks.

Most materials stored under a roof or tarp.

Grass not blown into streets.

Floor drains connected to sanitary sewer.

Secondary containment on fuel and brine tanks.

Liquids stored in sealed, labeled containers.

Oil dry kept in maintenance areas where spills are more likely.

Outdoor dock drain connected to sanitary sewer with a control valve.

See SWPPPs for more detail.

Discuss recommendations for improvements to current storm water management practices at the facility(s) and provide a timeline for installation and/or implementation of these recommendations.

A sheen can be seen on runoff from the fueling area at the DPW Operations facility. The City plans to install a BMP such as a sumped manhole with a Snout to trap any gasoline or oil that runs off from the facility. The BMP will be installed in 2017 if funds are available.

Provide information on facility inspections. Identify and address potential sources of storm water contamination.

Storm water outfalls should be inspected quarterly during a rain event and semi-annually during dry weather.

Each site should be inspected annually for compliance with the facility SWPPP.

Describe the municipal facility(s) employee training on storm water pollution prevention (frequency, duration, objectives, percentage of employees trained this year, etc.).

All employees who operate out of our regularly use a site should be trained on the SWPPP annually. The objective is to make sure employees are familiar with the hazards and sources of storm water pollution at the facility.

Methods to prevent pollution should be discussed. Training should be 15-30 minutes.

No employees were trained in 2016.

Part V. Evaluation of Permit Conditions (continued)

Describe the spill prevention and response procedures in place at the municipal facility(s).

Small spills will be cleaned by City staff using absorbent materials and disposed of properly. Facilities that store chemicals such as the Public Works Operations Building and the golf course maintenance facility have spill control plans in addition to their SWPPP.

The Fire Department is called for any hazardous spill.

7. Storm Water Quality Management (Section 2.7 of General Permit)

Has the municipality completed a pollutant-loading analysis to assess compliance with the 20% TSS reduction developed urban area performance standard? ☒ Yes ☐ No

If yes, provide the following: Model used SLAMM Version 9.2.4 Reduction (%) 31

If no, include a description of any actions the municipality has undertaken during 2016 to help achieve the 20% standard.

8. Storm Sewer System Map (Section 2.8 of General Permit)

Describe any changes or updates to the storm sewer system map made in the reporting year. Provide an updated map if any changes occurred during the reporting year.

No changes made in 2016.

Part VI. Fiscal Analysis

a. Provide a fiscal analysis that includes the annual expenditures for 2016, and the budget for 2016 and 2017. A table to document fiscal information is provided on page 10.

See attached Storm Water Utility Budget

b. What financing/fiscal strategy has the municipality implemented to finance the requirements of the general permit?

☒ Storm water utility ☒ General fund ☐ Other _____

c. Is adequate revenue generated to implement the storm water management program and meet permit requirements?

☒ Yes ☐ No

Please provide a brief summary of the municipality's financing/fiscal strategy and any additional information that will assist the Department in understanding how storm water management funds are being generated to implement and administer the storm water management program.

The City of Beloit has a storm water utility that is the main funding source for storm water programs. In addition to the storm water utility, wastewater funds are used to correct storm water issues that are affecting the wastewater collection system.

Part VII. Inspections and Enforcement Actions

Note: If an ordinance listed below has been submitted to the Department previously and has not been amended since that time, a copy does not need to be submitted again. If the ordinance was previously submitted, indicate such in the space provided.

a. Has the municipality amended its illicit discharge detection and elimination ordinance in accordance with subsection 2.3.1 of the general permit during the reporting year? ☐ Yes ☒ No

If yes, attach copy or provide web link to ordinance:

b. Has the municipality amended its construction site pollutant control ordinance in accordance with subsection 2.4.1 of the general permit during the reporting year? ☐ Yes ☒ No

If yes, attach copy or provide web link to ordinance:

c. Has the municipality amended its post-construction storm water management ordinance in accordance with subsection 2.5.1 of the general permit during the reporting year? ☐ Yes ☒ No

If yes, attach copy or provide web link to ordinance:

- d. Has the municipality adopted any other ordinances it has deemed necessary to implement a program under the general permit (e.g., pet waste ordinance, leaf management/yard waste ordinance, parking restrictions for street cleaning, etc.) during the reporting year? ☐ Yes ☒ No

If yes, attach copy or provide web link to ordinance:

- e. Provide a summary of available information on the number and nature of inspections and enforcement actions conducted during the reporting period to ensure compliance with the ordinances described in a. to d. above.

a. All major outfalls were inspected during a dry weather period in 2017. No discharges were found. Responded to one illicit discharge notification. Cleanup was done with no enforcement.

b. 244 construction site erosion control inspections were done.

c. No post-construction BMPs were inspected.

d. No enforcement actions were taken on our leaf/yard waste management ordinance although many fliers and warning letters were sent out as well as verbal conversations were had with citizens for leaves and grass clippings being placed in the street.

Part VIII. Water Quality Concerns

- a. Does any part of the MS4 discharge to an outstanding resource water (ORW) or exceptional resource water (ERW) listed under s. NR 102.10 or 102.11, Wis. Adm. Code? (A list of ORWs and ERWs may be found on the Department's Internet site at:

<http://dnr.wi.gov/topic/surfacewater/orwerw.html>)

☒ Yes ☐ No

If yes, list:

Turtle Creek - ERW

- b. Does any part of the MS4 discharge to an impaired waterbody listed in accordance with section 303(d)(1) of the federal Clean Water Act, 33 USC § 1313(d)(1)(C)? (A list of the most current Wisconsin impaired waterbodies may be found on the Department's Internet site at: <http://dnr.wi.gov/water/impairedsearch.aspx?status=303d>)

☒ Yes ☐ No

If yes, complete the following:

- Impaired waterbody to which the MS4 discharges:
Rock River - Total Suspended Solids and Total Phosphorus
- Description of actions municipality has taken to comply with section 1.5.2 of the MS4 general permit for discharges of pollutant(s) of concern to an impaired waterbody:

The City has two street sweepers that run whenever weather permits. One sweeper is a vacuum sweeper.

A fall leaf collection program is in place to remove leaves in a timely manner. The City conducted a fall leaf collection study with DNR/USGS to help determine the effectiveness of different collection techniques.

City updated TMDL modeling in 2015 and 2016 to help determine future BMPs that can be constructed in order to reduce the discharge of TSS and TP for Rock River TMDL compliance.

- c. Identify any known water quality improvements in the receiving water to which the MS4 discharges during the reporting period.

None known.

- d. Identify any known water quality degradation in the receiving water to which the MS4 discharges during the reporting period and what actions are being taken to improve the water quality in the receiving water.

None known.

- e. Does any part of the MS4 discharge to an approved Total Maximum Daily Load (TMDL) area (Section 1.5.4 of the general permit)?

☒ Yes ☐ No

If yes, fill out below. If no, disregard.

Required reporting for TMDLs approved prior to the effective date of the permit for 2016:

Name of TMDL: Rock River TMDL

Date TMDL approved? 09/28/2011

Map(s) included? ☐ Yes ☐ No - Submit a storm sewer system map (may be the same map submitted under section V.6. of this form), which includes the TMDL reachshed boundaries and associated acreage within the municipality, and the MS4 drainage boundaries and associated acreage within the municipality.

Part IX. Proposed Program Changes

Describe any proposed changes to the storm water management program being considered for 2017 and the schedule for implementing those changes. Proposed program changes must be consistent with the requirements of the general permit.

The City of Beloit plans to better document all of our procedures, roles and responsibilities in 2017. No major changes are being proposed, just better documentation, check and balances.

Part X. Other

Any other municipal storm water program information for inclusion in the Annual Report regarding their storm water program may be added here or attached.

Fiscal Analysis Table. Complete the fiscal analysis table provided below.

Program Element	Annual Expenditure 2016	Budget		Source of Funds
		2016	2017	
Public Education and Outreach				SEE ATTACHED STORM WATER UTILITY BUDGET
Public Involvement and Participation				
Illicit Discharge Detection and Elimination				
Construction Site Pollutant Control				
Post-Construction Storm Water Management				
Pollution Prevention				
Storm Water Quality Management (including pollutant-loading analysis)				
Storm Sewer System Map				
Other:				

NORTHERN REGION COUNTIES			WEST CENTRAL REGION COUNTIES		
Ashland	Langlade	DNR Service Center	Adams	Marathon	DNR Service Center
Barron	Lincoln	Attn: Storm Water Program	Buffalo	Monroe	Attn: Storm Water Program
Bayfield	Oneida	5301 Rib Mountain Rd.	Chippewa	Pepin	5301 Rib Mountain Rd.
Burnett	Polk	Wausau, WI 54401	Clark	Pierce	Wausau, WI 54401
Douglas	Price	Phone: (715) 359-4522	Crawford	Portage	Phone: (715) 359-4522
Florence	Rusk		Dunn	St. Croix	
Forest	Sawyer		Eau Claire	Trempealeau	
Iron	Taylor		Jackson	Vernon	
	Vilas		Juneau	Wood	
	Washburn		La Crosse		

NORTHEAST REGION COUNTIES			SOUTH CENTRAL REGION COUNTIES		
Brown	Marquette	DNR Northeast Region	Columbia	Jefferson	DNR South Central Region
Calumet	Menominee	Attn: Storm Water Program	Dane	LaFayette	Attn: Storm Water Program
Door	Oconto	2984 Shawano Ave.	Dodge	Richland	3911 Fish Hatchery Rd.
Fond du Lac	Outagamie	Green Bay, WI 54313	Grant	Rock	Fitchburg, WI 53711
Green Lake	Shawano	Phone: (920) 662-5100	Green	Sauk	Phone: (608) 275-3266
Kewaunee	Waupaca		Iowa		
Manitowoc	Waushara				
Marinette	Winnebago				

SOUTHEAST REGION COUNTIES		
Kenosha	Sheboygan	DNR Service Center
Milwaukee	Walworth	Attn: Storm Water Program
Ozaukee	Washington	141 NW Barstow Street,
Racine	Waukesha	Room 180
		Waukesha, WI 53188
		(262) 574-2100

Rock River Stormwater Group

2016 Workplan Report

January 27, 2017



2.1 Public Education and Outreach

2.1.1 Promote detection and elimination of illicit discharges and water quality impacts associated with such discharges from municipal separate storm sewer systems.

2.1.2 Inform and educate the public about the proper management of materials that may cause storm water pollution from sources including automobiles, pet waste, household hazardous waste and household practices.

- Pool brochure created.
- Presentation to municipal winter road crews on winter road maintenance. RRSg partnered with Walworth and Waukesha Counties.
 - 40 attendees from RRSg.
- Website promotion of information available in existing flyers and brochures.
 - *Watershed Science for Educators Course, Erosion Control Signs, Leaf Management, 10 Simple Ways to Keep our Waters Clean, Pool Brochure, Grass Clipping Poster.*
- Social media promotion of best practices
- Rock River Reflections articles written and issues distributed to municipalities three times per year
 - *January (10 Simple Ways to Keep our Waters Clean), April (Grass Clippings).*

2.1.3 Promote beneficial onsite reuse of leaves and grass clippings and proper use of lawn and garden fertilizers and pesticides.

- “Keep grass out of streets” materials for municipal staff.
 - *Posted on RRSg website for members to download and print.*
- Social media promotion of best practices.
- Promote soil testing before fertilizing.
 - *Promoted on website.*

2.1.4 Promote the management of streambanks and shorelines by riparian landowners to minimize erosion and restore and enhance the ecological value of waterways.

- Riparian buffer brochure created.
- Meeting topic/tour community.
 - ?

2.1.5 Promote infiltration of residential storm water runoff from rooftop downspouts, driveways and sidewalks.

- Social media promotion of best practices.

2.1.6 Inform, and where appropriate, educate those responsible for the design, installation and maintenance of construction site erosion control practices and storm water management facilities on how to design, install and maintain the practices.

- Erosion site control tour.
 - ?
- Year 2 of Erosion Control Signage program.
 - 9 commercial construction sites with signage (Janesville, Beloit, Beaver Dam, Whitewater and Jefferson) and 35 residential construction sites with signage (Janesville, Waupun, Beloit, Beaver Dam, Whitewater and Town of Beloit). Overall 42 calls were received by communities regarding erosion on construction sites (Janesville, Beloit and Beaver Dam).

2.1.7 Identify businesses and activities that may pose a storm water contamination concern, and where appropriate, educate specific audiences on methods of storm water pollution prevention.

- Concrete washout management brochure created.

2.1.8 Promote environmentally sensitive land development designs by developers and designers.

2.2 Public Involvement and Participation

- Stormwater curriculum (K-12).
 - *Second year of teacher training implemented with four teachers trained.*
 - *One teacher from Whitewater High School contacted RRSg after the training because she developed a unit for her students that focuses on water and protecting land. This unit included a guest speaker from RRSg.*
 - *Wisconsin Society of Science Teachers annual conference presentation in La Crosse using Enviroscope Watershed and Envision Groundwater models. Approximately 10 teachers attended the session.*
 - *UW-Whitewater visited schools with Enviroscope Watershed and Envision Groundwater models.*
 - *Beloit Middle School*
 - *Delavan - Turtle Creek Elementary*
 - *Fort Atkinson - Purdy Elementary (one 3rd grade class), Luther Elementary (full school)*
 - *Janesville - Jefferson Elementary (all 2nd and 3rd grade), Jackson Elementary, Tagos School (elem), St. Marys (elem) Rock River Charter School (grades 9-12)*
 - *Jefferson - St John's School (3rd grade)*
 - *Whitewater - Whitewater Middle School (all 7th grade science classes)*
 - *UWW- Science Detectives Camp (3-8), Wisconsin Science Festival (K-8)*
 - *4-H training in Waukesha County with Enviroscope Watershed Model (15 attendees)*
- Rock River Coalition for 2016 Paddle and Probe.
 - *Created curriculum for school visits.*
 - *Advertised, coordinated and completed classroom visits with schools. 255 principals were contacted about school visit opportunities. We attended 7 schools and reached 429 students.*

***Ongoing activities: Participation in Rock River Recovery Education and Outreach Sector Team and coordination with MAMSWaP.

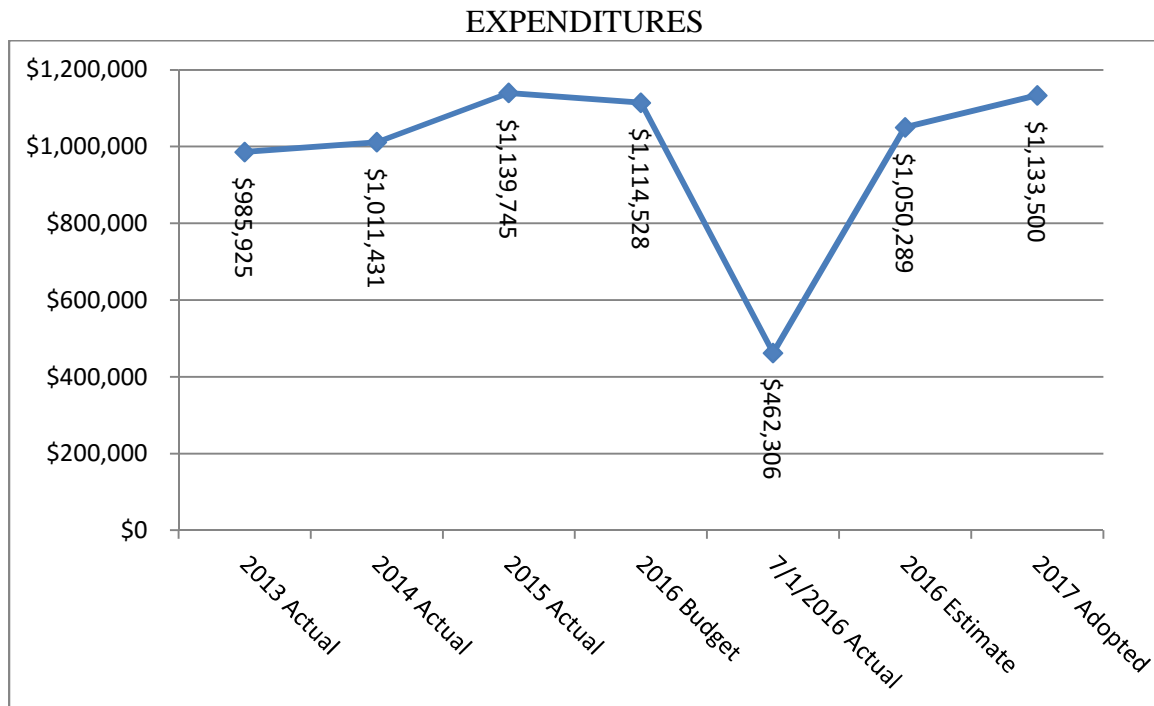
DEPARTMENT – PUBLIC WORKS

Enterprise Fund

Storm Water Utility Division Description:

The Storm Water Utility was created in 2007 to establish funding to meet the requirements of the DNR's new pollution discharge elimination permit and accounts for the operation of the physical storm water discharge system and collection of storm water fees. Activities include a street sweeping program, yard waste collection, and the cleaning and maintenance of approximately 172 miles of storm water mains, thousands of catch basins, and various public storm water ponds. Efforts also include inspection of construction related erosion control systems, public education on reducing storm water runoff pollution, etc.

Revenue sources include residential and commercial user fees based upon the amount of impervious area on the user's property. Units of impervious area are based upon the average single-family residential unit (SFU) amount of 3347 square feet. The current user charge is \$3.50 per SFU.



27707508 STORM WATER UTILITY										
ACCOUNTS FOR:		2013	2014	2015	2016	2016 YTD	2016	2017	AMOUNT	PCT
STORM WATER UTILITY		ACTUALS	ACTUALS	ACTUALS	BUDGET	7/1/2016	ESTIMATE	ADOPTED	CHANGE	CHANGE
GRANT/AIDE										
4301	INTERGOV AIDS & GRNT	(\$22,440)	(\$19,928)	(\$43,774)	\$0	(\$17,514)	(\$17,514)	\$0	\$0	0.00%
CASH & PROPERTY										
27707508	4413 INTEREST	(\$14,022)	(\$8,591)	(\$7,925)	(\$8,500)	(\$2,431)	(\$8,500)	(\$8,500)	\$0	0.00%
27707508	441304 DEBT ISSUANCE PREMIUM	\$0	(\$7,313)	(\$37,939)	\$0	\$0	\$0	\$0	\$0	0.00%
DEPARTMENTAL EARNINGS										
27707508	455901 RESIDENTS	(\$944,958)	(\$950,477)	(\$964,592)	(\$1,106,028)	(\$469,705)	(\$1,127,300)	(\$1,125,000)	(\$18,972)	1.72%
OTHER FINC SRCE										
27707508	4999 FUND BALANCE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00%
TOTAL REVENUES		(\$981,420)	(\$986,309)	(\$1,054,230)	(\$1,114,528)	(\$489,651)	(\$1,153,314)	(\$1,133,500)	(\$18,972)	1.70%
PERSONNEL SERVICES										
27707508	5110 REGULAR PERSONNEL	\$236,186	\$304,586	\$306,927	\$341,501	\$157,055	\$341,501	\$266,743	(\$74,758)	-21.89%
27707508	511022 WAGE ADJUSTMENT LINE	\$0	\$0	\$0	\$533	\$0	\$533	\$7,500	\$6,967	1307.13%
27707508	5130 EXTRA PERSONNEL	\$9,270	\$10,395	\$8,186	\$11,248	\$4,856	\$11,248	\$11,248	\$0	0.00%
27707508	5150 OVERTIME	\$209	\$175	\$0	\$528	\$0	\$264	\$558	\$30	5.68%
27707508	5161 VACATION PAY	(\$10,857)	\$2,589	(\$1,138)	\$0	\$0	\$0	\$0	\$0	0.00%
27707508	5191 WISCONSIN RETIREMENT FUND	\$15,720	\$21,295	\$20,625	\$22,729	\$10,132	\$22,729	\$18,176	(\$4,553)	-20.03%
27707508	5192 WORKER'S COMPENSATION	\$6,588	\$10,860	\$14,244	\$17,341	\$8,670	\$17,341	\$15,870	(\$1,471)	-8.48%
27707508	519301 SOCIAL SECURITY	\$15,137	\$19,379	\$19,397	\$21,174	\$9,757	\$21,174	\$17,169	(\$4,005)	-18.91%
27707508	519302 MEDICARE	\$3,540	\$4,549	\$4,550	\$4,967	\$2,283	\$4,967	\$4,011	(\$956)	-19.25%
27707508	5194 HOSPITAL/SURG/DENTAL INSURANCE	\$90,169	\$122,289	\$128,999	\$129,967	\$60,513	\$129,967	\$102,983	(\$26,984)	-20.76%
27707508	519401 VEBA	\$2,713	\$2,340	\$0	\$0	\$0	\$0	\$0	\$0	0.00%
27707508	519405 OPEB INSURANCE EXPENSE	(\$2,113)	(\$1,131)	(\$174)	\$0	\$0	\$0	\$0	\$0	0.00%
27707508	5195 LIFE INSURANCE	\$744	\$803	\$853	\$1,083	\$427	\$1,083	\$863	(\$220)	-20.31%
CONTRACTUAL SERVICE										
27707508	5211 VEHICLE EQUIP OPER. & MAINT.	\$81,289	\$102,896	\$59,904	\$78,614	\$21,162	\$43,000	\$68,940	(\$9,674)	-12.31%
27707508	5215 COMPUTER/OFFICE EQUIP MAIN.	\$5,048	\$5,955	\$5,445	\$5,800	\$5,451	\$5,800	\$5,997	\$197	3.40%
27707508	5223 SCHOOLS,SEMINARS,& CONFERENCES	\$1,757	\$2,316	\$2,027	\$1,850	\$855	\$1,400	\$1,850	\$0	0.00%
27707508	5225 PROFESSIONAL DUES	\$0	\$161	\$0	\$100	\$170	\$170	\$100	\$0	0.00%
27707508	5240 CONTRACTED SERV-PROFESSIONAL	\$13,139	\$11,492	\$74,542	\$11,500	\$13,260	\$14,000	\$11,500	\$0	0.00%
27707508	5241 CONTRACTED SERV-LABOR	\$28,567	\$40,287	\$32,805	\$50,000	\$48,580	\$50,000	\$35,000	(\$15,000)	-30.00%
27707508	5244 OTHER FEES	\$11,650	\$12,050	\$11,500	\$11,500	\$7,000	\$11,500	\$11,500	\$0	0.00%
27707508	5248 ADVERTISING,MARKETING,PROMOS	\$536	\$0	\$202	\$125	\$11	\$50	\$125	\$0	0.00%
27707508	5254 LEGAL SERVICES	\$0	\$462	\$0	\$0	\$0	\$0	\$0	\$0	0.00%
27707508	5255 AUTO & TRAVEL	\$121	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00%
27707508	5271 TELEPHONE - LOCAL	\$193	\$333	\$320	\$112	\$70	\$0	\$112	\$0	0.00%
27707508	5285 INSURANCE - FLEET	\$2,501	\$2,058	\$1,582	\$2,285	\$1,143	\$2,285	\$2,688	\$403	17.64%
27707508	5286 INSURANCE-COMPREHENSIVE LIAB	\$5,340	\$5,551	\$4,907	\$4,990	\$245	\$4,990	\$5,228	\$238	4.77%
27707508	5289 INSURANCE - OTHER	\$432	\$548	\$523	\$622	\$311	\$622	\$686	\$64	10.29%
MATERIALS & SUPPLIES										
27707508	5331 POSTAGE & EXPRESS MAIL	\$15,198	\$15,746	\$13,955	\$15,700	\$8,053	\$15,700	\$15,700	\$0	0.00%
27707508	5332 OFFICE/COMP EQUIP & SUPPLIES	\$6	\$38	\$0	\$75	\$0	\$25	\$75	\$0	0.00%
27707508	5345 MAINTENANCE MATERIALS	\$0	\$1,785	\$580	\$1,500	\$0	\$750	\$1,500	\$0	0.00%
27707508	5348 EQUIP<1000	(\$121,402)	\$0	\$0	\$250	\$0	\$250	\$250	\$0	0.00%
FIXED EXPENSES										
27707508	5411 RENT/BUILD	\$22,000	\$22,000	\$21,000	\$21,000	\$10,500	\$21,000	\$23,000	\$2,000	9.52%

ACCOUNTS FOR:			27707508 STORM WATER UTILITY						
STORM WATER UTILITY			2013	2014	2015	2016	2016 YTD	2016	2017
CAPITAL OUTLAY			ACTUALS	ACTUALS	ACTUALS	BUDGET	7/1/2016	ESTIMATE	ADOPTED
5522	STORM SEWER SYSTEM		\$150,492	(\$1,549)	\$0	\$0	\$0	\$0	\$0
DEBT SERVICE									
27707508	5641	PRINC-CORP	\$0	\$0	\$0	\$142,135	\$0	\$0	\$142,806
27707508	5642	INT-CORP	\$112,576	\$106,461	\$80,882	\$66,620	\$34,304	\$66,620	\$62,411
27707508	5598	FINANCING COSTS	\$325	\$0	\$65,782	\$0	\$0	\$0	\$0
DEPRECIATION									
27707508	5730	RES-VEHIC	\$114,996	\$0	\$115,000	\$115,000	\$57,500	\$115,000	\$115,000
27707508	5731	DEPR-BUILD	\$149,368	\$151,205	\$146,320	\$0	\$0	\$146,320	\$0
27707508	5736	BOND DISCOUNT AMORTIZATION	\$24,487	\$33,507	\$0	\$0	\$0	\$0	\$0
27707508	5899	FUNDCONT	\$0	\$0	\$0	\$33,679	\$0	\$0	\$183,911
TOTAL EXPENDITURES			\$985,925	\$1,011,431	\$1,139,745	\$1,114,528	\$462,306	\$1,050,289	\$1,133,500
NET TOTAL			\$4,505	\$25,122	\$85,516	\$0	(\$27,345)	(\$103,025)	\$0

BUDGET MODIFICATIONS: All storm water fees were increased by \$0.50 in 2016. Single Family Unit - SFU is 3,347 sq. ft. of impervious surface monthly fee is \$3.50 Apartment Building or Condos - 3 or 4 units (.7 SFU) per unit/monthly are \$2.60. Apartment Building or Condos - 5 or more units (.5 SFU) per unit/monthly are \$2.00. All other type building - Calculated using SFU per SFU/monthly are \$3.50
Regular personnel decreased due to eliminating 1 Equipment Operator position.

PERFORMANCE MEASURES

DEPARTMENT: PUBLIC WORKS

DIVISION: Storm Water Utility

<u>PROGRAM OBJECTIVES:</u>	<u>PERFORMANCE INDICATORS:</u>	2013 Actual	2014 Actual	2015 Actual	2016 Target	2017 Target
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WORKLOAD	1. Clean and remove debris from stormwater conveyance system.	Feet of stormwater conveyance system cleaned annually.	1	11,102	1,914	1,466	1,500	1,500
	2. Televis stormwater conveyance system and inlets prior to street construction and overlay program to assure system integrity.	Feet of televising performed on stormwater conveyance system.	5	10,057	3,770	2,336	3,000	3,000
EFFICIENCY & EFFECTIVENESS	1. Maintain stormwater system records in Geographical Information System (GIS) Database.	Stormwater system map up to date	5	Yes	Yes	Yes	Yes	Yes
	2. Partner with neighboring communities to educate citizens on the sources and effects of storm water pollution.	Implement public education and outreach program through the Rock River Stormwater Group.	6	Yes	Yes	Yes	Yes	Yes
	3. Reduce stormwater pollution to protect our surface water bodies and groundwater supply and comply with all State & Federal storm water regulations.	Progress in the evaluation and implementation of the Rock River Total Maximum Daily Load (TMDL)	4	N/A	N/A	Yes	Yes	Yes
		Dry weather outfall inspections	5	23	9	3	23	9
		Erosion Control Inspections	5	590	426	278	300	300

CITY COUNCIL GOALS:

1. **Create and sustain safe and healthy neighborhoods.**
2. **Create and sustain a “high performing organization”** which means a sense of common purpose, constant improvement throughout the organization, tapping into employee talent and innovation, recognizing leadership at all levels.
3. **Create and sustain economic and residential growth.**
4. **Create and sustain a high quality of life.**
5. **Create and sustain high quality infrastructure and connectivity;** including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.
6. **Create and sustain a positive image, enhance communications and engage the community.**