

Due by March 31, 2015

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 2014.

Instructions: Complete each section of the form that follows. If additional space is needed to respond to a question, 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, 2015, to the appropriate address indicated on the last page of this form.

SECTION I. Municipal Information

Name of Municipality TOWN OF BUCHANAN		Facility ID No. (FIN) 31099	
Mailing Address N178 COUNTY ROAD N	City APPLETON	State WI	ZIP Code 54915
County(s) in which Municipality is located Outagamie	Municipality Type: (select one) <input type="radio"/> County <input type="radio"/> City <input type="radio"/> Village <input checked="" type="radio"/> Town <input type="radio"/> Other (specify)		

SECTION II. Municipal Contact Information

Name of Municipal Contact Person JOEL GREGOZESKI		Title TOWN ADMINISTRATOR/CLERK	
Mailing Address (if different from above)	City	State WI	ZIP Code
Email joelg@townofbuchanan.org	Phone Number (include area code) (920) 734-8599	Fax Number (include area code) (920) 734-9733	

SECTION 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 JOEL GREGOZESKI	Authorized Representative Title TOWN ADMINISTRATOR/CLERK	
Signature of Authorized Representative	Date 03/18/2015	
Email JOELG@TOWNOFBUCHANAN.ORG	Phone Number (include area code) (920) 734-8599	Fax Number (include area code) (920) 734-9733

SECTION IV. General Information

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

The Annual Report for Town's MS4 Permit was presented during the March 19, 2015 Town Board meeting. During the meeting, the Town Board and general public were both provided an opportunity to review and comment on the Annual Report. The meeting agenda was posted as required by State Statute and placed on the Town's website. After the Town Board meeting, the Annual Report was posted on the Town's website and made available in hard copy format at the Town Hall. The general public will be encouraged to review and comment on the Annual Report over the next 12 months. Comments received from the public will be documented and considered as part of the next Annual Report.

SECTION IV. General Information (continued)

- b. Describe how elected and municipal officials and appropriate staff have been kept apprised of the municipal storm water discharge permit and its requirements.

Town staff and elected officials attend meetings as necessary regarding permit requirements, permit changes and program development. Meetings attended include Northeast Wisconsin Storm water Consortium and committee meetings, Garners Creek Storm Water Utility meetings and informational sessions with storm water consultants and engineers. Elected officials have discussed permit requirements and changes throughout the year as necessary. The Town Board reviewed and discussed the results of the 2014 Illicit Discharge Detection and Elimination Program screening report. As necessary, the Town Board was also updated on the operational management of the Speedway Heights Pond, which was constructed by the Town in 2010. Town Board members also continue to actively serve on the Garners Creek Storm Water Utility Commission and keep upraised of any pond or construction projects taking place in the Town.

- c. Has the municipality prepared its own municipal-wide storm water management plan? Yes No

If yes, title and date of storm water management plan:

Storm Water Management Plan for the Town of Buchanan, June 2008

- d. 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 Town continues to be an active member of the Northeast Wisconsin Stormwater Consortium (NEWSC). The Town relies on NEWSC for the development of public education materials. The Town relies on the Darboy Joint Sanitary District No. 1 for routine plumbing and clear water inspections (illicit discharge program). The Town also relies on the Garners Creek Storm Water Utility for a portion of TSS reduction and related stormwater and erosion improvement projects.

- e. Does the municipality have an internet website? Yes No

If yes, provide web address:

<http://townofbuchanan.org>

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:

<http://townofbuchanan.org/town-services/stormwater-management>

SECTION V. Permit Conditions

- a. Minimum Control Measures: For each of the permit conditions listed below, provide a description of the implementation of each program element, the status of meeting measurable goals, and compliance with permit schedule in section 2.11 of the MS4 general permit. Provide an evaluation of program compliance with the general permit, the appropriateness of identified best management practices, and progress towards achieving identified measurable goals. Be specific in describing the actions that have been taken during the reporting year to implement each permit condition and whether measurable goals have been met, including any data collected to document a measurable goal. Also, explain the reasons for any variations from the compliance schedule in the MS4 general permit.

- Public Education and Outreach

Please refer to Chapter 3 and Appendix C of the Town of Buchanan Storm water Management Plan, June 2008. The Town has maintained its membership with the Northeast Wisconsin Storm water Consortium (NEWSC) which assists the Town in meeting public education and outreach goals. Please refer to the NEWSC Annual Report for details of their public education and outreach. The Town continues to update and maintain a page of its website devoted to the storm water management program. The Town's storm water management web page was updated several times and received 369 page views in 2014. The Town also included several storm water related topics in its four newsletters that were mailed in 2014 to approximately 3,500 residences. The newsletters contained detailed information on the Town's yard waste program, details on household hazardous waste collections, information on Town drainage policies and studies, and a public educational page as was provided by NEWSC. A kiosk at Town Hall also continually holds flyers regarding seasonal storm water issues. Approximately 30-60 of these various flyers/handouts were taken by residents visiting Town Hall in 2014. The Town also supported educational and outreach efforts by the Garners Creek Storm Water Utility.

SECTION V. Permit Conditions (continued)

• Public Involvement and Participation

Please refer to Chapter 4 and Appendix D of the Town of Buchanan Stormwater Management Plan, June 2008. The Town has maintained its membership with NEWSC which assists the Town in meeting public involvement and participation goals. Please refer to the NEWSC Annual Report for details of their public involvement and participation activities. Partnerships between public and private entities continue to be development and meetings held as necessary to discuss specific projects and storm water management. The Town continues to use a system developed in 2008 to monitor and track resident concerns on drainage, erosion control and storm water issues. In 2014, a total of 19 issues were reported and reviewed by the Town in 2014. The Town also took its first steps on implementing a 2011 Comprehensive Drainage Study and updated and informed residents as necessary.

• Illicit Discharge Detection and Elimination

Please refer to Chapter 5 and Appendix E of the Town of Buchanan Stormwater Management Plan, June 2008. An illicit discharge ordinance was adopted by the Town in 2008. An illicit discharge detection and elimination program initial screening project was completed in 2009 jointly with the Town of Harrison. A total of 26 outfalls were inspected in 2014. The screening report was sent to the WDNR in December, 2014. The Town has budgeted for the 2015 ongoing screening program. There were no reports of illicit discharges received from the public in 2014. The Darboy Joint Sanitary District No. 1 also completed 56 clear water inspections in 2014 for the Town with no reported issues.

• Construction Site Pollutant Control

Please refer to Chapter 6 and Appendix F of the Town of Buchanan Stormwater Management Plan, June 2008. The Town utilizes Outagamie County's erosion control ordinance. The Town continues to use a dedicated funding source for the program which is based on inspection and application fees. Erosion control inspection reports are available through the Town's website for all properties that are currently being inspected. 4 sites were inspected within the Town in 2015 with a total of 48 erosion control inspections being conducted. There were no enforcement actions, verbal warning notices or written notices of violation issued for site permitted. There were two tips received from the public in regards to construction site pollutant control in 2014.

• Post-Construction Storm Water Management

Please refer to Chapter 7 and Appendix G of the Town of Buchanan Stormwater Management Plan, June 2008. The Town utilizes Outagamie County's post construction and storm water management ordinance. The Town completed construction of the Speedway Heights Pond in 2011 and is actively implementing the management plan for the pond. Information is available on the Town's website to educate developers on the storm water approval process and staff conducts meetings with permittees as necessary. The Town issued 4 permits with less than 20,000 SF of disturbed impervious surfaces, 0 permit with 20,000 SF to 200,000 SF of disturbed impervious surfaces and 0 permits with 200,000 SF or more of disturbed impervious surfaces. The Town continues to be a active member of the Garners Creek Storm Water Utility which works closely with existing landowners and developers. The Utility continues to implement management plans for three ponds within the Town that were constructed in 2011.

• Pollution Prevention

Please refer to Chapter 8 and Appendix H of the Town of Buchanan Stormwater Management Plan, June 2008. Street sweeping was completed in the Town on several primary roads which have curb and gutter by contracting with the Outagamie County Highway Department. The Highway Department street sweeps with a high efficiency sweeper once to twice per year and as needed. Approximately 3 curb miles are swept annually. The Town continues to offer residents a curb-side yard waste pickup and disposal service. The Town currently offers to pickup leaves and grass clippings (curb-side) 8-9 times per year.

b. Winter Road Management Activities (Optional reporting for 2014):

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

Randy Roloff, Patrol Supt. Outagamie County Highway Department; 920-832-5679

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

Pre-wetting, salting, sanding/chips

SECTION V. Permit Conditions (continued)

Describe the type of equipment used to apply the products.

Standard salt rotary spreader with brine spray

Report the amount of product used per month.

Salt (in tons): Jan 108.8, Feb 8.5, Mar 1.75, Apr/May 0.5, Nov 55.3, Dec 39.25

Brine (in gallons): Jan 705, Feb 960, Mar 448, Apr/May 235 Nov 390, Dec 315

Sand/Chips (in tons): Jan 2.5 Feb 42, Mar 64.1, Apr/May 43 Nov 0, Dec 13

Report the snow disposal locations, if snow is hauled away.

none

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

Considering the use of more brine, sand and less salt.

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

Drafted policy to determine appropriate response based on event type and volumes. Minimizes the response for local roads to minimum levels.

c. Municipal facility(s) (Optional reporting for 2014):

Provide an inventory of municipally owned or operated structural storm water management facility(s), include: Location of each facility and contact information for the individual(s) with overall responsibility for each facility.

Speedway Heights Stormwater Pond, Located along Speedway Lane in Town of Buchanan

Describe the housekeeping activities and best management practices installed to reduce or eliminate storm water contamination.

Performed Operational and Maintenance in 2014. Actions included the removal of invasive vegetative species and the encouragement of native plant materials. Actions included the trapping and removal of varmints.

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

Continued improvement of vegetation materials, monitoring and cleaning of outfalls and inlets and the removal of muskrats.

Describe the municipal facility(s) employee training on storm water pollution prevention provided.

none

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

Containment of spill areas through the use of drying agents and containment barriers.

d. Storm Water Quality Management: 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 9.2.1 Reduction (%) 25

If no, include a description of any actions the municipality has undertaken during 2014 to help achieve the 20% standard.

SECTION V. Permit Conditions (continued)

Has the municipality completed an evaluation of all municipal owned or operated structural flood control facilities to determine the feasibility of retrofitting to increase TSS removal? Yes No

If yes, describe:

Please refer to the Town's Stormwater Management Plan, June 2008

e. **Best Management Practices Maintenance:** Does the municipality have a maintenance program for installed storm water best management practices? Yes No

If yes, describe the maintenance program and any maintenance activities that have occurred for best management practices in 2014. If available, attach any additional information on the maintenance program.

In 2014, the Town continued implementation of its management plan for the Speedway Heights Pond which was constructed in 2011. The Town contracted with a stormwater consultant and ecologist for operation and maintenance (O&M) services as well as management of wetlands and prairies at the pond. The Town continues to rely on the Garners Creek Storm Water Utility and their respective contracted consultants to provide O&M services for other BMP's located within the Town.

f. **Storm Sewer System Map:** 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 or updates to report. Maps specifically related to ongoing illicit discharge field screening have been completed and were provided to the WDNR with the screening report.

SECTION VI. Fiscal Analysis

a. Provide a fiscal analysis that includes the annual expenditures for 2014, and the budget for 2014 and 2015. A table to document fiscal information is provided on page 8.

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

Storm water utility General fund Other Permitting fees

c. Are adequate revenues being generated to implement your storm water management program to meet the permit requirements? Yes No

Please provide a brief summary of your 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 your storm water management program.

The Town is a member of the Garners Creek Storm Water Utility. The Utility district overlays a portion of the Town. The Utility charges an annual storm water utility fee of \$96 per Equivalent Runoff Unit (ERU). The type of development dictates the number of ERU's charged. The Utility is administered by the Garners Creek Storm Water Utility Commission which is comprised of officials from the Town of Buchanan, Town of Harrison and Village of Combined Locks.

Developers are charged permit fees and directly billed for services when their development requires storm water management reviews or inspections from the Town as required under the Town's storm water management program. Other general administration, annual reviews, general permit monitoring and non-developer related storm water projects are being funded from the Town's tax levy and general fund. The Town relies heavily on the availability of grant funding to implement major storm water projects.

SECTION VII. Inspections and Enforcement Actions

Note: If an ordinance listed below has previously been submitted 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. As of the date of this annual report, has the municipality updated or revised its construction site pollutant control ordinance in accordance with subsection 2.4.1 of the general permit? Yes No If yes, attach copy or provide web link to ordinance:

<http://www.townofbuchanan.org/your-government/municipal-code>

b. As of the date of this annual report, has the municipality updated or revised its post-construction storm water management ordinance in accordance with subsection 2.5.1 of the general permit? Yes No

If yes, attach copy or provide web link to ordinance: <http://www.townofbuchanan.org/your-government/municipal-code>

SECTION VII. Inspections and Enforcement Actions (continued)

c. As of the date of this annual report, has the municipality updated or revised its illicit discharge detection and elimination ordinance in accordance with subsection 2.3.1 of the general permit? Yes No If yes, attach copy or provide web link to ordinance:

<http://www.ecode360.com/12328675>

d. As of the date of this annual report, 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.)? Yes No If yes, attach copy or provide web link to ordinance:

<http://www.ecode360.com/BU2871>

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.

The Town completed 48 erosion control inspections in 2014 through its contracted consulting engineer. The Town inspected a total of 35 MS4 outfalls in 2014. The Town also instituted administrative changes to erosion control permitting and compliance through the use of financial guarantees.

SECTION 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:

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:

Fox River, Kankapot Creek, Garners Creek and Plum Creek

• 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:

Refer to Chapter 9, Stormwater Quality Management, of the Town of Buchanan Stormwater Management Plan, June 2008. A list of actions to be taken by the Town are listed on page 9-7, most of which have been previously noted in this report as on-going efforts. The most significant action completed was the completion of ongoing illicit discharge field screening. The Speedway Heights Pond will improve water quality and reduce sediment discharged to Kankapot Creek, which is 303(d) listed for sediment and mercury.

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

No water quality improvements were observed by the Town.

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.

No water quality degradation was observed by the Town.

SECTION IX. Proposed Program Changes

Describe any proposed changes to the storm water management program being contemplated by the municipality for 2015 and the schedule for implementing those changes. Proposed program changes must be consistent with the requirements of the general permit.

The Garners Creek Storm Water Utility has plans to complete a water quality analysis for the entire Garners Creek watershed in 2015. The analysis will assist the Utility and the Town evaluate what types of additional BMP's would be needed to satisfy the Lower Fox River TMDL load allocations.

SECTION X. Other

Any other additional information the permittee would like to provide in the Annual Report regarding their storm water program?

SECTION X. Other (continued)

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

Program Element	Annual Expenditure 2014	Budget		Source of Funds
		2014	2015	
Public Education and Outreach	500	500	500	General Fund (Tax Levy)
Public Involvement and Participation	500	500	500	General Fund (Tax Levy)
Illicit Discharge Detection and Elimination	6,000	6,300	6,300	General Fund (Tax Levy)
Construction Site Pollutant Control	2,895	4,000	2,000	Permit Fees
Post-Construction Storm Water Management	2,895	4,000	2,000	Permit Fees
Pollution Prevention	6,000	5,700	6,500	General Fund (Tax Levy)
Storm Water Quality Management (including pollutant-loading analysis)	500	500	500	General Fund (Tax Levy)
Storm Sewer System Map		0		General Fund (Tax Levy)
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

