

**Due by March 31, 2016**

**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 2015.

**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, 2016, to the appropriate address indicated on the last page of this form.

<b>SECTION I. Municipal Information</b>			
Name of Municipality City of Appleton		Facility ID No. (FIN) 31098	
Mailing Address 100 N. Appleton Street	City Appleton	State WI	ZIP Code 54911
County(s) in which Municipality is located Calumet, Outagamie, Winnebago	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)		

<b>SECTION II. Municipal Contact Information</b>			
Name of Municipal Contact Person Paula Vandehey		Title Director of Public Works	
Mailing Address (if different from above)	City	State	ZIP Code
Email paula.vandehey@appleton.org	Phone Number (include area code) (920) 832-6474	Fax Number (include area code) (920) 832-6489	

<b>SECTION III. Certification</b>		
<p><i>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.</i></p>		
Authorized Representative Printed Name Paula Vandehey	Authorized Representative Title Director of Public Works	
Signature of Authorized Representative	Date 03/17/2016	
Email paula.vandehey@appleton.org	Phone Number (include area code) (920) 832-6474	Fax Number (include area code) (920) 832-6489

<b>SECTION IV. General Information</b>		
<p>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.</p> <p>The Annual Report was placed on the City's website on February 22, 2016 and provided as an information item at the Utilities Committee (made up of 5 alderpersons) on February 23, 2016. It was then an action item at the Utilities Committee on March 8, 2016 and an action item at the Common Council on March 16, 2016. The Utilities Committee is a posted meeting and allows the public to speak on agenda items. The City also accepts questions from the public through the website and through phone calls.</p>		
<p>b. Describe how elected and municipal officials and appropriate staff have been kept apprised of the municipal storm water discharge permit and its requirements.</p> <p>In 2015 Engineering staff attended Utilities Committee on June 9 (Attachment A) and September 22 (Attachment B) to provide updates on all stormwater management projects, including regulation changes and the status of the implementation items listed in the City-wide Stormwater Management Plan update (October 2014). Stormwater Management requirements were also discussed with Utilities Committee as part of consultant contract awards, which included the Lightning Drive and CTH JJ street construction and urbanization project, Northland Pond, Spartan Drive, and the Native Landscape Management Contract. Utilities Committee also had an opportunity to discuss Illicit</p>		

**SECTION IV. General Information** (continued)

Discharge requirements during the ordinance update in spring 2015. Public Works Engineering, Operations, and Financial staff meet monthly as a workgroup to discuss all things stormwater. The Director of Public Works communicates information through monthly department head meetings. DPW Engineering staff work daily with Community Development and Inspections staff and communicate frequently with staff at the Parks, Recreation and Facilities Management Department and the Utilities Department.

- 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:

City of Appleton Citywide Stormwater Management Plan  
October 2014

- 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 City of Appleton and Calumet County have an agreement for the portion of CTH AP (Midway Road) located in the City of Appleton. Storm sewer maintenance and street sweeping are completed by the City (Attachment C). The City determined it does not have overlap with Winnebago County highways. The City discussed overlap of county highways within the City limits with Outagamie County Highway and Zoning staff. This discussion will continue in 2016 due to changes in county staff during 2015.

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

If yes, provide web address:

[www.appleton.org](http://www.appleton.org) The website was completely rebuilt in 2015 and is still being populated with information.

- 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://www.appleton.org/government/public-works/stormwater/reports>

**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

The City was an active member of the Northeast Wisconsin Stormwater Consortium (NEWSC) and served as Chair of the General Public Information committee and on the Leadership Council; contracted with Fox Wolf Watershed Alliance (FWWA) to teach one session a week for 8 weeks at "Sumer Camp", a program for youth ages 6- 15 through Parks and Recreation (outline, summary Attachment D); was a major sponsor of the FWWA Watershed Conference and a River Guardian for the FWWA River Cleanup; reimbursed 6 residents \$10 each for attending the Rain Barrel Workshop March 7; paid for a full page "Renew Our Waters" ad by NEWSC in an Appleton North HS program; "Like" FWWA/NEWSC to share messages on facebook; met with the neighbors of the proposed Leona Pond; continued one-on-one education provided by various staff throughout the City to questions received from the public via phone or the website; sent out two City Guide publications containing a variety of information, including pollution prevention and good housekeeping activities that should be done at home (2015 City Guides are hard copy enclosures); Operations staff used door hang tags to notify residents of observed or reported problems, such as grass clippings dumped in inlets or gutters; Erosion Control Inspector and Engineering staff attended various training including NASECA, FWWA Conference, Clarifying Rules and Expectations Workshop, and DNR Soil Loss Worksheet, Permeable Pavement and Center for Watershed Protection webinars to stay informed of the current best practices and regulations and used this knowledge to work with designers and contractors during plan review and inspections; promoted environmentally sensitive design during pre-project meetings and plan review. RA Smith National staff, under contract with the City, provided post construction education to designers during stormwater management plan reviews. City believes it is in compliance with the General Permit.

**SECTION V. Permit Conditions (continued)**

• Public Involvement and Participation

In 2015 all Utilities Committee and Common Council meetings were properly noticed to the public per state statutes by the Legal Services Department. All committee and council meetings have a publicly posted agenda and an opportunity for any interested person to comment on the agenda items at the meetings. Met with the neighbors of the proposed Leona Pond to discuss the need for the pond, how it fits into the City-wide Stormwater Management Plan, the results of the preliminary engineering and any questions they had. Advertised for the March 7 FREEA/FWWA Rain Barrel Workshop and reimbursed Appleton residents that attended \$10. Sponsored the FWWA River Cleanup at the Guardian level. The City believes it is in compliance with the General Permit.

• Illicit Discharge Detection and Elimination

In 2015 the City updated its Illicit Discharge ordinance and it became effective June 23, 2015. It was reviewed and approved by the Utilities Committee and Common Council. The City contracted with McMahon Associates to perform the On-Going Field Screening per the City's 2012 updated program. Seventy-two outfalls were screened. Twenty-one were major outfalls, thirty-three were minor and eighteen were supplemental outfalls (Attachment E). The City received 11 illicit discharge complaints that were addressed by the Inspections Division with verbal warnings and education (Attachment F). The initial response to the report of an illicit discharge is by a Plumbing Inspector. The Inspector may request assistance for tracking a discharge from McMahon Associates and/or the City Sewer Crew. The City's response procedures include the Inspections, Operations and Engineering Divisions of Public Works, the consultant under retainer for the year, and the Fire Department (including Hazmat Team). Began construction of the relocated public storm sewer through the Wastewater Treatment Plant property. The City believes its Illicit Discharge Program is in compliance with the General Permit.

• Construction Site Pollutant Control

The City has had an erosion control ordinance since January 1, 1999. It has been updated over the years and is expected to be updated again by May 1, 2016. The Inspections Division of the Department of Public Works is responsible for Construction Site Pollution Control. Commercial/Non-residential inspections are completed monthly, when possible. Priority is given to sensitive or high environmental risk areas. At a minimum, residential inspections are made concurrent with other related construction inspections such as footing and foundation. Inspections are made as time permits until final stabilization. Inspection documentation is logged into the city computer system with date of inspection, address, reason for inspection, permit number, pass or fail, and details of any violations. The City has also begun using the PermiTracker Erosion and Sediment Control module to track projects. Enforcement procedure includes verbal notice, written notice, Stop Work Order, and citation. The City has a Customer Service Log for complaints submitted by the public. Other information submitted by the public is addressed by the appropriate staff and any necessary follow up is made in a timely manner. The Erosion Control Inspector reviews all site plans and prepares most of the erosion control plans for public works projects. Updated construction specifications, including the new Technical Standards for Inlet Protection and Sediment Trap, were effective January 1, 2016. The 2015 approved budget included a full time Erosion Control Inspector. The City believes it is in compliance with the General Permit.

• Post-Construction Storm Water Management

The City began updating the post-construction stormwater ordinance in summer 2015 and anticipates it will be effective by May 1, 2016. The City requires property owners to prepare and sign an Operation and Maintenance Agreement as a condition of their stormwater management permit approval. The agreement contains standard terms and conditions, an Operation and Maintenance Plan, and a Report Form. The City records the agreements. The process for obtaining a city post-construction stormwater permits includes submitting two sets of the Stormwater Management Plan, and an application and initial fee, logging the project into the tracking spreadsheet, review by the City's consultant, and written correspondence with the applicant and/or consultant to request revisions or approve the project. In 2015 the City contracted with RA Smith National to review Stormwater Management Plans for site plans and subdivisions and assist with the ordinance update. Standard conditions of approval include signing the O & M Agreement, providing an as-built and certification that the stormwater practices were constructed and function per the approved plan, and payment of the full review fee. Complaints are addressed by the Engineering Division of Public Works. Engineering staff periodically check the tracking spreadsheet against the Inspection records for completed projects and issue Notices of Non-compliance

**SECTION V. Permit Conditions** (continued)

for missing as-builts and certifications, if needed. The City performed post-construction private bmp inspections at Endeavor Electric, OEC graphics, August Winter, and Walgreens (729 Northland Avenue). The City believes it is in compliance with the General Permit.

• **Pollution Prevention**

The City updated its Pollution Prevention Program (Attachment G), which was reviewed by the Utilities Committee and Common Council and approved January 20, 2016; inspected at least half of the city-owned ponds, ditches and ravines (attachment H); cleaned city-owned structures with sumps (Attachments I, J); cleaned 11.3% of the storm sewer system; televised 9.9% of the storm sewer system; provided 3900.6 hours of street sweeping (attachment K); regularly disposed of street sweeping, storm sewer and sump cleanings at the landfill; calibrated the fleet for salt application (attachment L); had the salt shed inspected (attachment M); reviewed the Snow and Ice Matrix with the overall program update (attachment N); continued a public leaf collection program; continued operation of yard waste drop off sites; monitored nutrient management plans; Facilities (attachment O) and Fire owned and operated mulching mowers; performed inspections at sites with SWPPP's (attachments P-X); Engineering staff met with new staff at Valley Transit to discuss their SWPPP; pollution prevention staff training at the Water Plant on November 30 and Wastewater Plant on November 27; staff training at Facilities on June 11; staff training at Reid Golf Course June 19; snow and ice training at Public Works Operations on October 16; installed a "Pavedrain" pilot project in the Fire Station No. 1 parking lot; evaluated street and terrace widths during pavement design, maintained existing bmp's in source water protection areas. The City believes it is in compliance with the General Permit.

**b. Winter Road Management Activities:**

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

1. Nate Loper, Deputy Director of Public Works – Operations  
Office 920-832-5804, Cell 920-419-6225, nathan.loper@appleton.org
2. Carl Schultz, Operations Foreman, Department of Public Works  
Office 920-832-5581, Cell 920-419-6036, carl.schultz@appleton.org
3. Paula Vandehey, Director of Public Works  
Office 920-832-6474, Cell 920-419-6713, paul.vandehey@appleton.org

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

- Granular sodium chloride (road salt)
- Liquid sodium chloride 28%, salt brine, prewet and anti-ice application
- Liquid calcium chloride 42% prewet application

Describe the type of equipment used to apply the products.

- 10 tri-axle plow trucks, wing and plow, tailgate salt spreader with prewet capabilities
- 15 single axle plow trucks, wing and plow, tailgate salt spreader with prewet capabilities
- 6 front end loaders with a wing and plow
- 2 road graders with a wing and plow
- 2 one ton plow trucks with a salt spreader
- 3 sidewalk snow plows with a salt spreader

Report the amount of product used per month.

See Attachment Y.

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

- South side of the intersection of E. Glendale Avenue and N. Sandra Street
- Southeast corner of E. Milis Drive and S. Quest Drive
- 701 S. Whitman Drive

**SECTION V. Permit Conditions** (continued)

**N. Kalata Place (Parking Division)**

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

The Department of Public Works Operations Division (streets) considered all available technologies, currently owned equipment, locations of critical sites and available staff in the development of the current strategy. The current strategy is as follows:

The City applies liquid salt brine as an anti-ice agent prior to snow/ice storms and forecasted frost events on hills, bridges, curves and four lane roads. All equipment having a material spreader is equipped with prewet capabilities and an on-board computer system which regulates material application. This equipment is calibrated annually. The City also developed a snow and ice matrix that is used to evaluate impending storm conditions and helps determine the proper methodology for combating the snow event. The City also subscribes to a weather service that helps establish duration, intensity and timing of a storm. In addition, the service forecasts present and future air and pavement temperatures and recommends material spreading applications.

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

The Department of Public Works Operations Division (streets): The primary focus of the program is to anti-ice instead of de-ice as much as possible. City staff stay current with the latest snow and ice technology by networking with vendors and other communities, attending American Public Works Association training on the topic, and sending various staff to UW-Madison and NEWSC sponsored classes regularly. New employees are trained on the program every fall. The City believes that it is using the latest technology.

c. Municipal facility(s):

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.

The Department of Public Works is currently responsible for:

- 39 wet stormwater ponds
- 66 manholes and curb inlets with sumps (Hydrodynamic Separation Device – HSD)
- 8 dry ponds
- One Nutrient Separating Baffle Box (NSBB) on Midway Road as pre-treatment to Meadowview II
- Numerous ditches and ravines
- Four biofilters - three at the College Avenue bridge over the Fox River and one on E Northland Ave.
- One “Stormceptor” (HSD) at the Municipal Services Building at 2625 E Glendale Ave.

The Parks, Recreation and Facilities Management Department is currently responsible for:

- Two biofilters at the Police Station - 222 S. Walnut Street
- Two biofilters at Valley Transit - 801 S. Whitman Avenue
- One biofilter at Lutz Park - 1320 Lutz Drive
- Two biofilters at Telulah Park - 1300 E Newberry Street

A more detailed inventory is included on Attachments Z1 and Z2.

Describe the housekeeping activities and best management practices installed to reduce or eliminate storm water contamination. Earth Tech, Inc. prepared nine (9) site specific Stormwater Management Plans for the following City of Appleton facilities:

- Valley Transit (2004)
- Whitman Yard Waste Site (Department of Public Works - Operations Division) (2005)
- Municipal Services Building (Department of Public Works - Operations Division) (2005)
- Water Treatment Plant (Utilities Department) (2005)
- Wastewater Treatment Plant (Utilities Department) (2005)

**SECTION V. Permit Conditions (continued)**

- Fire Station No. 1 (2007)
- Fire Station No. 6 (2007)
- Facilities and Grounds Operations Center on Witzke Blvd (formerly Parks and Recreation Department Office and Storage yard) (2007)
- Reid Golf Course Maintenance Yard (Parks, Recreation, and Facilities Management Department) (2007)

The information requested in this item and 2 of the following three items are unique to each facility. Due to space limitations, each plan is attached to provide all requested information (Attachments P-X). In general, each plan identifies a team of staff assigned to pollution prevention, lists potential contamination sources and identifies risk, identifies existing and proposed best management practices, and lists the requirements for inspections and record keeping. The goal is to reduce exposure by covering or containing the materials and areas at risk. Each department is responsible for implementing the stormwater plan for their facilities, including physical site changes, plan updates and amendments, facility inspections, and staff training. Earth Tech, Inc. provided training to each department on their completed plans. Department of Public Works Engineering staff provide additional training to each department if requested. In fall 2015, Engineering staff met with new staff at Valley Transit to review their SWPPP and inspection requirements. Beginning in 2016, the Department of Public Works will be performing site inspections for Parks, Recreation, and Facilities Management sites and assisting them with any necessary plan updates.

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.

See attached plans.

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

Water Treatment trained staff on pollution prevention on November 30 as part of their annual training. Wastewater Treatment trained staff on pollution prevention as part of their annual training November 27. Public Works Operations staff received snow and ice training October 16.

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

See attached plans.

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 WinSLAM Version 10.0 Reduction (%) 38

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

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:

The City has dry ponds that are upstream of wet ponds, in series not in parallel. Therefore, retrofitting these ponds for water quality provides little to no additional sediment or phosphorus removal. The Valley Road Pond is being considered for modification for water quality by WisDOT as part of the STH 441 project.

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.

Every spring/early summer, DPW Engineering and Operations staff jointly inspect stormwater practices and enter needs into a maintenance spread sheet. The spread sheet includes on-going issues that are being monitored and the maintenance items identified from yearly inspections, as well as a priority code (Attachment H). Stormwater Workgroup includes Public Works Operations, Engineering and Finance staff and meets monthly to discuss work completed and work to be done. Every year the City hires a muskrat trapper, a company specializing in native

**SECTION V. Permit Conditions (continued)**

vegetation, and a company specializing in aquatic plant management. Manholes and inlets with sumps are cleaned yearly by the City Sewer Crew and a contractor (Attachments I, J).

- 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. Maps were combined to better show information in the order and combination listed in the permit, new storm sewers were added and changes to alignment or pipe size due to reconstruction were made. Map for 2.8.1(1 of 2) updated drainage basin boundaries as follows: Small area east of Richmond Street and south of Evergreen Drive corrected to show as in Apple Creek South subbasin (previously "Out"), Small area on north side of CTH JJ just west of Meade Street corrected to show as in Apple Creek North subbasin (previously "Out"), South half, approximately, of Manitowoc Road West subbasin was refined and identified as "Lake Winnebago" to reflect drainage toward Lake Winnebago. Map for 2.8.1 (2 of 2) added navigable stream determination by WDNR south of CTH JJ and east of Lightning Drive. Map for 2.8.2 added wetlands delineated in 2015: North of Plank Road and east of Huckleberry Lane, on the "Plank Road Apartments II" private development site, North of Glenhurst Lane and East of Ballard Road, on the "Century Oaks II" private development site, in Southpoint Commerce Park north of Midway Road and west of Eisenhower Drive, in area of proposed Spartan Drive, west of Haymeadow Avenue and north of Edgewood Drive, and at the former Northeast Asphalt Quarry site. Map for 2.8.3 combined with Map for 2.8.1 (1 of 2) to more clearly identify drainage basin corresponding to each outfall. Map for 2.8.4 and 2.8.5 provided ID numbers for each of the City's four MS4 biofilters, added new Hydrodynamic Separation Devices, removed industries no longer permitted and changed industry names to match DNR list, removed two private ponds not permitted for water quality, and added 13 sites with private bmps.

**SECTION VI. Fiscal Analysis**

- a. Provide a fiscal analysis that includes the annual expenditures for 2015, and the budget for 2015 and 2016. A table to document fiscal information is provided on page 10.

See attached table and budget pages.

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

Storm water utility  General fund  Other \_\_\_\_\_

- 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 Stormwater Utility is set up as an enterprise fund. A fee is charged to users for services and that fee must be used to meet operations, debt, and/or cost recovery criteria for the Utility. The charge is based on an equivalent runoff unit (ERU). An ERU is defined as 2368 square feet of impervious area and represents the impact of an average single family home. Rates are monitored on an annual basis for adjustment based on actual results and projected future costs. The 2015 rate was \$155.00 per ERU per year. Activities performed by Parks and Recreation, Facilities, Fire, Water, Wastewater, and Valley Transit are funded through their General Fund or Enterprise budgets.

**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:

- 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:

**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.appleton.org/home/showdocument?id=482> Article VII of Chapter 20

- 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.appleton.org/home/showdocument?id=482> See Section X below

- 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.

For Erosion Control, in 2015 there were 359 residential inspections, 154 non-residential inspections, and 10 complaint driven inspections. For non-residential projects under the ordinance, there were 71 verbal notices, 6 Written Notices, 0 stop work order and 0 citations (Attachment AA). In 2015 for residential sites there were 80 Verbal Notices, 40 Written Notices, 3 Stop Work Orders, and 0 citations. Five additional sediment related complaints and inspections occurred in 2015 (Attachment BB). In 2015 there were 11 Illicit Discharge complaints called in that received verbal warnings and education (Attachment F). There were 2 Notices of Non-compliance issued for Post Construction sites failing to follow their Operation and Maintenance Agreements.

**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:

Lower Fox River, Apple Creek, Duck Creek, Mud Creek, Garners Creek, Lake Winnebago, Bear 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:

In 2014 the City completed an update to its City-wide Stormwater Management plan. In 2015, the City continued implementing the plan by continuing final design and permitting of the Northland Pond (serving existing development), approving the budget for the final design and permitting of Leona Pond (serving existing development), evaluating a parcel along the City/Town of Grand Chute border for a pond site, and continuing to work with WisDOT on the STH 441 project stormwater practices. The City also updated and continued implementing its Pollution Prevention Program, including yard waste management, street and storm sewer cleaning, good housekeeping, turf management, staff training, municipal facility site inspections, storm sewer and public and private bmp inspection and maintenance.

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

The City is not aware of any water quality improvements to any of its receiving waters during 2015.

- 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.

The City is not aware of any water quality degradation in any receiving waters in 2015. In 2014 the City completed an update to its City-wide Stormwater Management plan. In 2015, the City continued implementing the plan by continuing final design and permitting of the Northland Pond (serving existing development), approving the budget for the final design and permitting of Leona Pond (serving existing development), evaluating a parcel along the City/Town of Grand Chute border for a pond site, and continuing to work with WisDOT on the STH 441 project stormwater



**SECTION VIII. Water Quality Concerns (continued)**

practices. The City also updated and continued implementing its Pollution Prevention Program, including yard waste management, street and storm sewer cleaning, good housekeeping, turf management, staff training, municipal facility site inspections, storm sewer and public and private bmp inspection and maintenance.

**SECTION IX. Proposed Program Changes**

Describe any proposed changes to the storm water management program being contemplated by the municipality for 2016 and the schedule for implementing those changes. Proposed program changes must be consistent with the requirements of the general permit.

In 2016 the City proposes to update its Public Education and Outreach Program and SWPPP's for City owned facilities.

**SECTION X. Other**

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

The City is an active member of the Northeast Wisconsin Stormwater Consortium. This group submits a separate annual report to the WDNR describing efforts completed in 2015 on behalf of their members.

NEWSC participated in the Outagamie County Field Days and interacted with the following schools in Appleton: 70 students from Johnston Elementary, 48 students from Mount Olive Lutheran, 25 students from St. Peter Lutheran and 90 students from St. Francis Xavier Elementary

VII. d. Municipal Code Section 3-14 requires cleaning up after pets and Section 6-63 prohibits discharge of hazardous materials. New Section 12-37 of the Municipal Code provides standards for composting (Attachment CC).

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

Program Element	Annual Expenditure		Budget		Source of Funds
	2015	2016	2015	2016	
Public Education and Outreach	11,695	11,000	11,000	11,000	Stormwater Utility
Public Involvement and Participation	3,885	5,000	5,000	5,000	Stormwater Utility
Illicit Discharge Detection and Elimination	1,848,631	2,504,500	2,504,500	17,000	Stormwater Utility and Wastewater Utility*
Construction Site Pollutant Control	91,949	100,515	100,515	102,272	Stormwater Utility
Post-Construction Storm Water Management	86,412	88,500	88,500	88,500	Stormwater for DPW Costs
Pollution Prevention	1,267,062	1,309,120	1,309,120	1,334,885	Stormwater Utility for DPW Costs, Costs from other departments not available
Storm Water Quality Management (including pollutant-loading analysis)	232,767	216,000	216,000	617,096	Stormwater Utility
Storm Sewer System Map	1,500	1,500	1,500	1,500	Stormwater Utility
Other:	20,511	20,000	20,000	15,000	Stormwater Utility
Other: Total	3,564,412	4,256,135	4,256,135	2,192,253	
Other:					*includes replacement of storm sewer through wastewater treatment plant property