

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.

SECTION I. Municipal Information

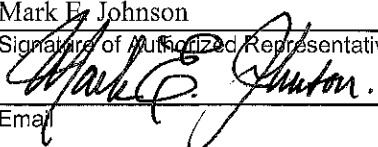
Name of Municipality City of La Crosse		Facility ID No. (FIN) 31065	
Mailing Address 400 La Crosse Street	City La Crosse	State WI	ZIP Code 54601
County(s) in which Municipality is located La Crosse	Municipality Type: (select one) <input type="radio"/> County <input checked="" type="radio"/> City <input type="radio"/> Village <input type="radio"/> Town <input type="radio"/> Other (specify)		

SECTION II. Municipal Contact Information

Name of Municipal Contact Person Mark Johnson		Title Utilities Manager	
Mailing Address (if different from above)	City	State WI	ZIP Code
Email johnsonm@cityoflacrosse.org	Phone Number (include area code) (608) 789-7588	Fax Number (include area code) (608) 789-7592	

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 Mark E. Johnson	Authorized Representative Title Utilities Manager
Signature of Authorized Representative 	Date 3/31/2016 5:30 PM
Email johnsonm@cityoflacrosse.org	Phone Number (include area code) (608) 789-7588
	Fax Number (include area code) (608) 789-7592

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.

Annual MS4 Report is formally presented to City Council by Resolution; introduced in April and considered by Council in May. Committee and Board meetings associated with Legislation approval allow for public comment and input. All meetings are publicly noticed per Wisconsin open meetings laws.

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

Council approval is required as part of submittal of the annual MS4 Report. The Report is submitted as an attachment to the Resolution approved by the Council.

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:

Stormwater Management Plan for the City of La Crosse, WI - August 2008

SECTION IV. General Information (continued)

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:

Stormwater Management Plan for the City of La Crosse, WI - August 2008

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

If yes, provide web address:

www.cityoflacrosse

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:

www.cityoflacrosse.org/Departments/Stormwater Utility *Note that website updates are underway.

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

Participated in the La Crosse County Urban Stormwater Outreach Group; 2015 report attached.

Displayed stormwater information in 4th floor City Hall lobby.

Maintained stormwater-related website information and started process of updating website.

Neared completio of full-system storm sewer model; recommendations to include green infrastructure options.

• Public Involvement and Participation

All Council, committee and Board of Public Works meetings related to stormwater are publicly noticed and open to the public.

• Illicit Discharge Detection and Elimination

Reports of possible illicit discharges usually come to the Utilities or Public Works offices. The Utilities Manager and/or other Stormwater Utility personnel respond and investigate all reports of illicit discharges.

• Construction Site Pollutant Control

The City's Fire Prevention and Building Safety Department enforces construction site erosion control as required under the La Crosse Municipal Code, for all sites requiring a City permit. The City's Standard Specification for Erosion Control is included as part of construction and contract documents for projects bid and managed by the City's Engineering Department.

• Post-Construction Storm Water Management

The City adheres to its Green Complete Streets ordinance by incorporating green design features into all street construction/re-construction projects. Exceptions for these requirements must be approved by the City's Board of Public Works. Refer to attached summary showing City project locations to-date where green design features have been implemented.

Credits to Stormwater Utility charges are available to all property owners who implement stormwater BMPs on their properties.

• Pollution Prevention

City efforts to accomplish pollution prevention include street sweeping, fall leaf collection and scheduled catch basin cleaning programs, as well as controlled application of deicing materials to arterials and major collector streets and hills, unless more extensive use is dictated by extreme conditions.

SECTION V. Permit Conditions (continued)

b. Winter Road Management Activities:

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

Mike La Fleur - Street Superintendent; Office Phone: 608-789-7340

Dale Hexom - Director of Public Works; Office Phone: 608-789-7599

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

- Road salt
- Sand salt
- Salt Brine

Describe the type of equipment used to apply the products.

Road salt & sand salt - Application using rear-mounted truck spreaders; in-cab, computer-controlled by operator.

Salt brine - Application using spray system, rear-mounted on truck; in-cab, controlled by operator.

Report the amount of product used per month.

Refer to the attached summary showing monthly road salt and sand-salt materials, and total gallons of brine used in 2015.

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

Primary snow disposal and storage is on City-owned locations on Isle La Plume and French Island.

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

Application of anti-icing materials is controlled by truck operators. Initial settings reflect the minimum rates for the application equipment and are adjusted up based on observed effectiveness of the applied materials. During a snow or icing event, Street Department supervisors are mobile to observe effectiveness of anti-icing materials, and advise operators regarding the need to adjust application rates. Application equipment is calibrated annually ahead of winter operations.

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

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.

See attached inventory

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

The Pollution Prevention measures currently in-place help to reduce stormwater contamination from sources upstream of these facilities. There are currently no activities or practices currently in-place specifically designed to reduce or eliminate contamination on-site, at these facilities.

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.

Formal, annual inspection documenting structural condition of these facilities.

Formal, monthly inspection and scheduled removal of debris.

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

Currently, no formal employee training programs related to stormwater pollution prevention.

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

City Street Department may respond to on-street material spills and apply and then remove "oil-dry" or similar material to absorb spilled liquid materials.

SECTION V. Permit Conditions (continued)

Sewer Dept. may respond to reported liquid materials in catch basin and utilize available vacuum equipment to remove materials for disposal at City WWTP.
Departments may involve Fire Department to respond to more significant spill events.

- 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 9.2.5 Reduction (%) 15.2

If no, include a description of any actions the municipality has undertaken during 2015 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:

In 2011, the City Engineering Department completed an evaluation of 16 existing, public and private stormwater facilities, seven of which are considered flood control facilities. The evaluation also identified 25 sites, including some that would also be flood control facilities, for potential implementation of BMPs.

- 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 2015. If available, attach any additional information on the maintenance program.

- 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 significant changes were made to the City's storm sewer system map in 2015.

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 7.

Se Page 7

- 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.

All properties with impervious area receive quarterly Stormwater Utility (SWU) bills. Revenues are generated to support the operational budget of the SWU, as well as to provide 100% and 50% funding for projects and expenses related to stormwater quality and stormwater quantity (street flooding), respectively.

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:

SECTION VII. Inspections and Enforcement Actions (continued)

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:

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:

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:

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.

January 2015 - Relayed information to the Town of Campbell regarding reported illicit discharge from property within the Town.

April 2015 - Verbal coordination with City Inspection Dept. to have contractor remove material from high-pressure roof-cleaning procedure from curb line draining to storm system.

July 8, 2015 - Letter to T & S Carpet Cleaning for discharge of truck contents into storm drain.

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:

Black River and Mississippi River

- 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:

Impairment listings are for PCB and Mercury contamination. The City's IDD&E program is intended to detect and eliminate discharges of these and other contaminants.

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

No known improvements.

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 known additional water quality degradation.

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.

Formalize inspection and maintenance programs for retention ponds.

Develop maintenance programs and procedures for BMPs installed as part of City street projects.

SECTION IX. Proposed Program Changes (continued)

SECTION X. Other

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

None

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

Program Element	Annual Expenditure 2015	Budget		Source of Funds
		2015	2016	
Public Education and Outreach	34,500	23,600	22,100	Stormwater Utility
Public Involvement and Participation	27,500	20,600	19,100	Stormwater Utility
Illicit Discharge Detection and Elimination	5,500	4,100	3,800	Stormwater Utility
Construction Site Pollutant Control	0	0	0	
Post-Construction Storm Water Management	0	0	0	
Pollution Prevention	41,200	31,000	28,700	Stormwater Utility
Storm Water Quality Management (including pollutant-loading analysis)	75,900	83,200	83,500	Stormwater Utility
Storm Sewer System Map	0	0	0	
Other: Admin, Depreciation & Debt	525,590	518,523	542,998	Stormwater Utility

NORTHERN REGION COUNTIES

Ashland	Langlade	DNR Service Center
Barron	Lincoln	Attn: Storm Water Program
Bayfield	Oneida	5301 Rib Mountain Rd.
Burnett	Polk	Wausau, WI 54401
Douglas	Price	Phone: (715) 359-4522
Florence	Rusk	
Forest	Sawyer	
Iron	Taylor	
	Vilas	
	Washburn	

WEST CENTRAL REGION COUNTIES

Adams	Marathon	DNR Service Center
Buffalo	Monroe	Attn: Storm Water Program
Chippewa	Pepin	5301 Rib Mountain Rd.
Clark	Pierce	Wausau, WI 54401
Crawford	Portage	Phone: (715) 359-4522
Dunn	St. Croix	
Eau Claire	Trempealeau	
Jackson	Vernon	
Juneau	Wood	
La Crosse		

NORTHEAST REGION COUNTIES

Brown	Marquette	DNR Northeast Region
Calumet	Menominee	Attn: Storm Water Program
Door	Oconto	2984 Shawano Ave.
Fond du Lac	Outagamie	Green Bay, WI 54313
Green Lake	Shawano	Phone: (920) 662-5100
Kewaunee	Waupaca	
Manitowoc	Waushara	
Marinette	Winnebago	

SOUTH CENTRAL REGION COUNTIES

Columbia	Jefferson	DNR South Central Region
Dane	LaFayette	Attn: Storm Water Program
Dodge	Richland	3911 Fish Hatchery Rd.
Grant	Rock	Fitchburg, WI 53711
Green	Sauk	Phone: (608) 275-3266
Iowa		

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

2015 Public Education & Outreach Efforts

La Crosse Area Stormwater Group

- The La Crosse Urban Stormwater Group continued meeting in 2015. As part of their activities, work continued with coordinated distribution of marketing materials within local municipal building permit folders. All municipalities in La Crosse County have the option of including construction-related best management practices materials for inclusion with building permit applications.
- March, 2015 – Rain garden & rain barrel display at Washburn Neighborhood’s “Spring Into Gardening” open house at La Crosse’s Lincoln Middle School. Over 300 participants attended this open house – with rain garden materials, and website promotion. Rain barrel materials were provided to interested browsers. The event includes a painted rain barrel contest/ judging event, awarded to best painted rain barrel.
- April, 2015 – Display booth at the La Crosse Area Earth Fair – promoting the La Crosse Urban Stormwater Group and La Crosse Waters website, LaCrosseWaters.org:
 - Over 2,000 attendees were estimated present at the La Crosse Area Earth Fair
 - Handouts and brochures with multiple pages displaying helpful suggestions on how residents can learn more about stormwater, including links to the [La Crosse Waters.org](http://LaCrosseWaters.org) website.
- June 2015 – Presented information on municipal storm water credits and ways to reduce storm water runoff at commercial businesses for the M-Power Business Sustainability Training Course (offered through Western Technical College)
- August - November, 2015 – Soak-It Up project at the Habitat for Humanity ReStore became a successful media campaign and storm water teaching tool. The La Crosse Waters Urban Stormwater group oversaw the creation of bi-weekly updates to the [La CrosseWater.org](http://LaCrosseWater.org) website. In addition, La Crosse Waters pushed email notifications of various storm water teachings associated with the following subjects (centered around the Habitat for Humanity Restore facility):
 - 8/4/15 Stormwater 101
 - 8/13/15 Local effects of runoff pollution
 - 8/27/15 Permeable Paving
 - 9/2/15 Construction update on ReStore (Habitat for Humanity) storm water infiltration upgrades

- 9/11/15 Bio-filter completion construction update
- 9/19/15 700 Native plants in the ground construction update
- 9/30/15 All Bio-filters complete construction update
- 10/14/15 Question & Answers with Coulee Ecoscapes (landscape consultant who installed ReStore storm water plants and bio-filters)
- 11/17/15 Take action and home and work
- Seven (7) Television and/or radio news stories were recorded during this period of time as illustrated towards the bottom of the web page:
<http://www.lacrossewaters.org/newStormWater.asp>

The ***Soak It Up*** effort at the ReStore facility significantly increased the exposure and number of teachings available for La Crosse County citizens in 2015. The impact of this is best illustrated by the **ten-fold increase in the number of average visitor hits in 2015.**

La Crosse Waters Website visits, as determined by La Crosse County IT Department

- Average visitor totals for January 2015– December 2015:
 - January : 324 /day
 - February: 263/day
 - March: 274/day
 - April: 355/day
 - May: 290/day
 - June: 342/day
 - July: 373/day
 - August: 341/day
 - September: 415/day
 - October: 294/day
 - November: 311/day
 - December: 284/day

Description of actions the municipality has undertaken to help achieve the 40% standard.

- *Pond conversions:*
 - *Evaluating and prioritizing ponds for conversion is ongoing.*
 - *A regional wet pond conversion at the International Business Park was constructed in 2010*
 - *A new regional pond at GIAA was constructed in 2012*
 - *Brickyard Lane/Jorgensen Flats wet pond conversion completed in 2012*

- *Reviewing every municipal project for possible storm sewer BMP's and installing BMP's where applicable:*
 - *Fiesta Court rain gardens built in 2008*
 - *Diagonal Park rain garden built in 2008*
 - *Eco-Park stormwater controls built in 2008-09*
 - *Porous alley pavement built in 2009*
 - *Fanta Reed Road grass swales built in 2009*
 - *Enterprise Ave grass swales built in 2010*
 - *J. Flynn Drive – Biocell and swale, built in 2010*
 - *WTC Cleary Plaza Bump-out in ROW, bio-cells, built in 2010 and 2012*
 - *Airport road grass swales designed in 2009-10; built in 2011*
 - *Airport ring road and parking lot bio-cells built in 2011*
 - *Cunningham Road Bio-cell built in 2011*
 - *Integrated porous pavers into our 2012 Streetscaping work downtown: Jay Street from 2nd to 3rd and 3rd Street from Jay to Pearl (2012)*
 - *Added 8 bio-cell in the 2200 block of South 22nd street (2012)*
 - *King and Front Street intersection reconstruction using permeable pavers in Streetscaping and cross walks (2012)*
 - *Construction of Bio-cell at Black River Beach House to treat Parking Lot (2102)*
 - *Porous Asphalt and narrowing of East Ave, from Jackson to Johnson (2013)*
 - *Campbell Rd Permeable Paver Streetscaping (2013)*
 - *Downtown Streetscaping with permeable pavers KING STREET: FRONT TO 4TH STREETS (Transit Center); THIRD STREET: CASS TO KING STREETS & JAY TO KING STREETS*
 - *Bio-cells (x2) at corner of La Crosse and 9th -north leg (2013)*
 - *Bio-cells (x2) mid-block of Johnson between 9th and 10th St (2013)*
 - *Bio-cells (x2) at corner of 10th and La Crosse St – north leg (2014)*
 - *Bio-cells on NW corner of 7th and cook (2014)*
 - *Bio-cells (x2) at 5th and Division Streets –west leg (2014)*
 - *Grass Swale with ribbon curb on west side of Oak from Palace to just south of Kwik Trip Way (2014)*
 - *Bio-cells (x2) at corner of Kane and Clinton St – west leg (2015)*
 - *Bio-cells (x2) at corner of Farnam and 6th St – east leg (2015)*
 - *Bio-cells (x2) at corner of 7th and Division St – east leg (2015)*
 - *Porous Asphalt 8th street from Cass to Ferry-3 blocks (2015)*
 - *Porous Asphalt 10th street from Jackson to Mississippi St-1 block (2015)*

- *Road Narrowing with Green-Scape Replacement*
 - *Various Railroad Crossing closed and roads shorten, 2008-09*
 - *Liberty St from St. Paul to Clinton Streets, 2009*
 - *Loomis St from Livingston to Gohre Streets, 2010*
 - *Main St from 20th to 24th Street, 2011*
 - *Loomis from N Salem to Palace, 2011*
 - *Traffic circle (converted from pavement to grass) at 20th and Farnam, 2011*
 - *Green bump-out at 11th and Johnson (2013)*
 - *Green Traffic Circle at 21st and Madison (2013)*
 - *Narrow Main Street from 17th to 20th Street (2013)*
 - *Narrow Loomis from Palace to Livingston (2013)*
 - *Narrow Wood street from Gillette Street South to cul du sac (2014)*
 - *Replace hardscape in blvd with porous pavers on 2nd from State to La Crosse St (2015)*
 - *Add porous openings and enlarge tree boxes throughout downtown (2015)*

- *Storm Water Utility*
 - *Ordinance was passed in July 2011, with an implementation date of Jan 1, 2012.*
 - *A credit policy, providing up to 80% credits, was passed in Jan 2012. The SWU credits are a large incentive for private individuals to treat storm water on site, before it reaches the city system.*

- *The SWU credit policy promotes BMP creation and allow us to document private BMP's and exempt areas of the city draining directly to the river and creates an accounting of these private treatment quantities.*
- *Billing and Land Record database was very dirty. SWU billing began in August of 2012. Records of P reduced are available from SWU Credit database.*
- *Commercial and Multi-family Design Reviews*
 - *2424 Commerce bio-cells -2009*
 - *Kwik Trip at 5th and Cass, bio-cells – 2009*
 - *Walgreen HWY 16 and CTY PH, Bio-cells -2009*
 - *WTC Cleary Plaza, porous pavers, bio-cells, rain gardens – 2009*
 - *WTC Dorms, bio-cell, rain gardens – 2009*
 - *Cliffside Apartments Bio-cell and swale – 2010*
 - *Hillview , wet pond – 2010*
 - *Schum Homes- Swales and rain gardens – 2010*
 - *FSH Parking Expansion - Chilleta Bldg Sit, green space and bio-cells – 2010*
 - *Dalco in IBP, wet pond – 2011*
 - *Mons House swale- 2011*
 - *Village Center Festival Foods, Swale and bio-cells- 2011*
 - *Texas Roadhouse, bio-cells – 2011/12*
 - *Gundersen Lutheran Behavioral Health Building, bio-cells, 2012*
 - *La Crosse Performing Arts Center, Swale, 2012*
 - *Goodwill at Shelby Mall, Swale, 2012*
 - *Triplex at 1022 Vine Street, raingarden, 2012*
 - *Breidenbach Development, 2012*
 - *Duplex at 816-818 Copeland Ave, rain garden, 2012*
 - *KFC remodeling, 2012*
 - *Gunderson Lutheran Biomass CHP System, 2012*
 - *Kwik Trip addition, 2012*
 - *Bentz Chiropractic, bio-cell, 2012*
 - *As of 2013, these will appear in SWU credit applications. This record will not be updated for 2013 and beyond.*
- *Passed a Complete Street Ordinance, 2011*
 - *All City Engineers to attend design training on complete street in spring of 2012*
 - *We have integrated complete streets into project estimating, budgeting, design, and construction*
- *Green Infrastructure Planning*
 - *Obtain a EPA grant to study feasibility of Green Infrastructure for flood control in the Johnson Creek Watershed (2012)*
 - *Preformed Citywide Storm Sewer Capacity/Deficiencies Modeling and used model to evaluate flood reduction feasibility of Green Infrastructure (2014-15)*

Winter Ice Control

	SALT	SALT SAND
JAN, 2015	857.3 Ton	680.51 Ton
FEB, 2015	800.1 Ton	450.75 Ton
MAR, 2015	162.29 Ton	0
NOV, 2015	17.1 Ton	0
DEC, 2015	325.31 Ton	260.46 Ton
TOTAL 2015	2162.1 Ton	1391.72 Ton
JAN, 2016	309.09 Ton	420 Ton
FEB, 2016	503.22 Ton	528.75 Ton

BRINE

12,000 Gallons used for 2015 Season

INVENTORY OF MUNICIPALLY-OWNED STORMWATER FACILITIES

NO	DESCRIPTION	LOCATION	CONTACT INFORMATION
1	Stormwater retention pond - Receives flow from storm water lift station; discharges to Lake Onalaska	Northwest corner of La Crosse Municipal Airport property; La Crosse, WI	Storm Water Utility Utilities Manager - (608) 789-7536
2	Stormwater retention pond - Receives flow from storm water collection system; discharges to Pammel Creek.	South 33rd Street; La Crosse, WI	Storm Water Utility Utilities Manager - (608) 789-7536
3	Stormwater retention pond - Receives flow from storm water collection system; discharges to Mormon Coulee Creek.	Brickyard Lane & Millatti Lane; La Crosse, WI	Storm Water Utility Utilities Manager - (608) 789-7536
4	Stormwater retention pond - Receives flow from storm water collection system; eventually discharges to Pammel Creek.	Floral Lane & 29th Street; La Crosse, WI	Storm Water Utility Utilities Manager - (608) 789-7536

Last updated - March 2016