

Due by March 31, 2017

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

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

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

**Part I. Municipal Information**

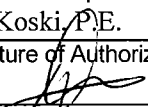
Name of Municipality City of Manitowoc		Facility ID No. (FIN) 31424	
Mailing Address 900 Quay Street	City Manitowoc	State WI	ZIP Code 54220
County(s) in which Municipality is located Manitowoc	Municipality Type: (select one) <input type="radio"/> County <input checked="" type="radio"/> City <input type="radio"/> Village <input type="radio"/> Town <input type="radio"/> Other (specify)		

**Part II. Municipal Contact Information**

Name of Municipal Contact Person Dan Koski, P.E.		Title Director of Public Infrastructure	
Mailing Address (if different from above) 900 Quay Street	City Manitowoc	State WI	ZIP Code 54220
Email dkoski@manitowoc.org	Phone Number (include area code) (920) 686-6910	Fax Number (include area code) (920) 686-6906	
Has the contact person changed in the last year? <input type="radio"/> Yes <input checked="" type="radio"/> No			

**Part III. Certification**

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

Authorized Representative Printed Name Dan Koski, P.E.	Authorized Representative Title Director of Public Infrastructure	
Signature of Authorized Representative 	Date 2-20-17	
Email dkoski@manitowoc.org	Phone Number (include area code) (920) 686-6910	Fax Number (include area code) (920) 686-6906

**Part IV. General Information**

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

The annual report was distributed to the Public Infrastructure Committee on March 13, 2017 and the Common Council accepted the report on March 20, 2017.

The annual report will be posted on the City's Storm Water Website at [http://www.manitowoc.org/stormwater/annual\\_report](http://www.manitowoc.org/stormwater/annual_report).

A press release will be submitted to the local newspaper, Herald Times Reporter, after the Common Council approval, indicating that the annual report is available for review by the public on the City's Storm Water Website and at the City Engineering Office. The public was asked to contact the City Engineering Department with any comments about the report.

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

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

As indicated under "Public Involvement and Participation" information related to the MS4 permit is brought to the Public Infrastructure Committee, which is the committee responsible for overseeing the implementation of the permit requirements, on a regular basis. The permit is also approved by the Common Council.

c. Has the municipality prepared or updated its own municipal-wide storm water management plan during the reporting year?  
 Yes  No

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

If yes, has the information been submitted to the Department?  Yes  No

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

If yes, describe these cooperative efforts:

If yes, has the information been submitted to the Department?  Yes  No

e. If the municipality has an internet website, is there current information about or links provided to the MS4 general permit and/or the municipality's storm water management program?  Yes  No

If yes, provide web address:  
<http://www.manitowoc.org/>

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

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

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

Description of Program(s)	See Attachment A.
Measurable Goal(s)	
Result(s) Achieved	
Describe any planned changes to program.	

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

Description of Program(s)	See Attachment A
Measurable Goal(s)	
Result(s) Achieved	
Describe any planned changes to program.	

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

Description of Program(s)	The Cities on going field screening identified 210 outfalls to be screened once every five years from June to August during dry weather. The program was submitted to the WDNR on 12/17/2009 and will continue to be used. The City has an Illicit Discharge Ordinance and an Illicit Discharge Response Procedures Plan that was fully implemented in 2009.
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**Part V. Evaluation of Permit Conditions** (continued)

Measurable Goal(s)	Forty two (42) outfalls were screened in 2016. A total of 6 outfalls were active and tested. two outfalls registered high for chlorine and are currently being investigated. The City has been active in responding, reducing and eliminating illicit discharges, and has documented 18 illicit discharge related activities in 2016 that were responded to, 2 of which the DNR were notified of. The city also responded to numerous issues dealing with grass clippings, leaves and sediment in the street.
Result(s) Achieved	See Attachment B for summary of 2016 outfall monitoring results and See attachment C for summary of 2016 Illicit Discharge Events
Describe any planned changes to program.	This year with the help of MPU the city tested some outfalls for Fluoride in addition to the Chlorine test. MPU uses this information to track potential water-main leaks.

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

Description of Program(s)	Chapter 29 - Soil Erosion Control Ordinance can be found at <a href="http://www.manitowoc.org/DocumentView.aspx?DID=286">http://www.manitowoc.org/DocumentView.aspx?DID=286</a>
Measurable Goal(s)	The City continues to actively regulate and enforce the requirements of Chapter 29. A total of 24 erosion control permits meeting the requirements of Chapter 29 were issued in 2016. Sites are to be inspected on a regular basis by the permittee. The City also conducts regular inspections of the sites.
Result(s) Achieved	24 inspections with deficiency were sent out to permittees requiring corrections
Describe any planned changes to program.	

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

Description of Program(s)	Chapter 28 - Storm Water Management Ordinance can be found at <a href="http://www.manitowoc.org/DocumentView.aspx?DID=285">http://www.manitowoc.org/DocumentView.aspx?DID=285</a>
Measurable Goal(s)	In 2016, 9 construction sites required a storm water management permit per Chapter 28. Of those sites, 4 of them required a Storm Water Management Maintenance Facility Agreements with the City. Letters were sent to all owners of SWMM facilities in 2016 requesting copies of yearly inspections
Result(s) Achieved	The City of Manitowoc inspected 21 private SWMM facilities and received 31 inspections from the owners SWMM facilities.
Describe any planned changes to program.	The City of Manitowoc intends on sending yearly letters out to SWMM facility owners requesting copies of inspections. This was not previously done until the 2016 year.

6. Pollution Prevention (Section 2.6 of General Permit)

Description of Program(s)	See Attachment F
Measurable Goal(s)	
Result(s) Achieved	
Describe any planned changes to program.	

• Storm Water Management Facilities (Section 2.6.1 of General Permit)

List any new municipality owned or operated structural storm water management facilities (ponds, biofilters, etc.) added in the last year.  
 A grass swale was added on the corner of N. 10th Street and York St. at a parking Lot taken over by the City.

**Part V. Evaluation of Permit Conditions** (continued)

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

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

Yes  No

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

The City has a maintenance program for maintaining all of the storm water Best Management Practices (BMPs). The City currently has 9 storm water ponds. There is a mowing schedule for each of these ponds (ATTACHMENT E). This schedule varies depending on the type of landscaping at each pond. Three of these ponds are planted with native prairie and wetland plants. These ponds require a different type of maintenance program since they are beginning to be established. The City has hired McMahon to assist in assuring that the prairies are properly established. The Department of Public Infrastructure also does an annual clean up at each of these ponds, usually in spring, to remove debris, garbage, etc. This "clean-up" varies depending on staff availability and time. The City also does at least one, possibly two, inspections each year to ensure that there are no issues with any aspect of the pond for example erosion, trash, invasive species, structures, etc.

The City also has two biofilters located at the Senior Center. The biofilters are inspected semiannually. The City also installed an infiltration basin at Red Arrow Park during 2013. McMahon was hired to assist with the native plantings here as well. In 2015 an infiltration basin was installed east of the salt shed at DPI as recommended by the SWPPP. Also in 2016 a grass swale was installed at N 10th and York St. The Parks department regularly conducts lawn mowing in the swale.

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

The City purchased two-high efficiency vacuum sweepers in late fall of 2008. Parking bans were implemented in April, 2009 and in 2015 the parking ban was extended to include the fall leaf pick up. The entire city is swept every week from April 1st to December 2nd.

MEASURABLE GOAL: 2815 parking tickets and over 1000 parking violation warnings

MEASURABLE GOAL: 13,064 miles of street swept from April 1st to December 2nd.

MEASURABLE GOAL: 725.41 Tons of material removed by the street sweepers in 2016

In 2016 no new catch basins were added. Do to limited staff no catch basins were cleaned despite having developed a new program to track the amount of material removed from catch-basins. The program was developed by RA Smith in 2016 and the city hopes to use it in 2017.

All material picked up by the street sweepers and from catch basin cleaning was hauled to Waste Management, Ridgeview Landfill in Whitelaw, WI.

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

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

Randy Junk, Operations Division Manager Streets, Department of Public Infrastructure

Phone (920) 686-6550

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

Godwin V-box spreaders, Variotech anti icing equipment, and Variotech pre-wetting equipment

Salt, Salt Brine, Beet juice, Salt/Geomelting Mix and treated sand.

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

See attachment F

**Part V. Evaluation of Permit Conditions (continued)**

Report the snow disposal locations, if applicable.

Dog Run area - North 8th Street- North of Magnolia Ave.

Michigan Ave - South of Cemetery

Railroad property - West of N 10th St and North of Manitowoc River

Cher-make sausage - S 30th street- South of Calumet Ave.

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

Anti-icing when rain/sleet or less than 1" of snowfall predicted

Calibration once/year

Purchase brine making equipment purchased in 2015 to be able to stock brine to use more often for anti-icing

Installed 7200 LF of snow fence in problem areas to reduce the plowing and salting required.

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

• Leaf Management (Section 2.6.6 of General Permit)

Describe the management of leaves and grass clippings.

In 2015 the city conducted a Business Process Improvement on fall leaf pick up. Through this process fall brush pick up was eliminated and a parking ban was placed on the streets from October 1st to December 2nd. The

Parking ban occurs 7 am to 3 pm on the same day and in the same areas as the street sweeping parking ban.

Residents are asked to place leaves in the street the night before pick up occurs in their area. With the leaves in

the street and no cars present the city has been able to significantly increase the efficiency of leaf pick up and is

able to pick up the entire city once per week. Immediately after the leaves are picked up the street is swept, which results in a much cleaner street.

In the spring leaves, grass, garden waste and brush are picked up. Residents are required to place the material in the terrace area for this pick up.

Significant effort is also put into educating residents about not blowing grass into the street. Letters and/or door hangers are given to those found to be placing or blowing grass into the street.

• Municipal Pollution Prevention (Section 2.6.7 of General Permit)

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

Name of Facility: Department of Public Infrastructure Service Building

Facility Address: 2655 S. 35th Street

Facility Contact/Title: Randy Junk, Operations Division Manager (Streets), Department of Public Infrastructure

Telephone Number: (920) 374-0403

Name of Facility: Parks Maintenance Facility

Facility Address: 1105 Fleetwood Drive

Facility Contact/Title: Chad Scheinoha, Operations Division Manager (Parks), Department of Public Infrastructure.

Telephone Number (920) 374-0402

Name of Facility: Manitowoc Marina

Facility Address: 425 Maritime Drive

Facility Contact/Title: Rich Larsen, General Manager

Telephone Number (920) 682-5117

See Attachment F for maps of facilities

**Part V. Evaluation of Permit Conditions (continued)**

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

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

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

Department of Public Works Service Building

1. Fuel Islands - The City retrofitted the two (2) existing inlets into catch basins in the fall of 2011. Spill kits have been purchased for the fuel islands
2. Outdoor Vehicle Washing Area – A nutrient separating device was installed in 2012 to treat the outdoor washing area water.
3. Runoff Erosion – This was addressed with the installation of the nutrient separating device in 2012 and new perforated pipe with swale in 2015
4. Outdoor Storage Piles – The outdoor aggregate storage piles have been separated. No runoff was noted from these piles in 2016.
5. Quarterly Inspections – For 2016 quarterly inspections, contact Operations Division Manager (Street) Randy Junk at [rjunk@manitowoc.org](mailto:rjunk@manitowoc.org) or (920) 374-0403.

Parks Maintenance Facility

1. Fuel Island - Spill kits have been purchased for the fuel islands
2. Outdoor Wash Area- Compost filter socks have been placed downstream of the wash area and washing is done inside whenever possible.
3. Snow Disposal Area – Was in compliance for the winter of 2016.
4. Quarterly Inspections - For 2016 quarterly inspections, contact Operations Division Manager (Parks) Chad Scheinoha at [cscheinoha@manitowoc.org](mailto:cscheinoha@manitowoc.org) or (920) 374-0402.

Marina Facility

1. Existing Tier 2 Stormwater Industrial Permit. Facility ID 11095
2. See Rich Larson for quarterly inspections.

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

Department of Public Works Service Building SWPPP(AECOM, April 2015) The city recently installed an infiltration basin east of the salt shed as recommended by the 2015 SWPPP update. The city also plans to install a one similar basin northeast of the outdoor storage piles and to potentially create a grass swale along the east end of the asphalt. Design and build summer of 2017.

Parks Maintenance Facility SWPPP(AECOM, April 2015)

Recommends a treatment device between the east edge of the asphalt and the Railroad track ditch. It is intended to complete this in 2020 after Waldo Blvd. is reconstructed as this area is planned to be used as an emergency access for the Fire Dept during construction.

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

Department of Public Works Service Building

1. Leach from street sweepings onto lawn area- design and build stormwater treatment device on NW corner of lot.

**Part V. Evaluation of Permit Conditions (continued)**

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

Describe the spill prevention and response procedures in place at the municipal facility(s).  
The City of Manitowoc has an Illicit Discharge Procedures Guide in place. It is updated regularly with emergency contacts and the DNR spill hot line number. The Police, Fire and on-call duty personnel have a copy. On December 2, 2014 the Stormwater Tech went over the Illicit Discharge Procedures Guide with the on-call duty personnel. Examples of spills and how to respond were discussed.  
The Fire Department is equipped with some oil absorbent materials and they have access to the Manitowoc County Hazmat trailer of supplies.

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

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

If yes, provide the following: Model used winslamm Version 9.2.2 Reduction (%) 23.1

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

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

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

The City submitted the storm sewer maps in October 2008. Since then only minor changes have been made to the maps. These changes include modifications to the storm sewer system (on reconstruction projects) and new storm water management BMPs.

**Part VI. Fiscal Analysis**

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

See Attachment D The city is currently switching to a work order system. Budget numbers are based on about 5% increase over costs from the previous year.

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

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

c. Is adequate revenue generated to implement the storm water management program and meet permit requirements?  Yes  No

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

The City does not have a Storm Water Utility or other special revenue source. We currently use the City's general fund to finance the majority of the stormwater program. General Obligation Bonds are used to finance necessary projects.

**Part VII. Inspections and Enforcement Actions**

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

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

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

- b. Has the municipality amended its construction site pollutant control ordinance in accordance with subsection 2.4.1 of the general permit during the reporting year?  Yes  No  
If yes, attach copy or provide web link to ordinance:
- c. Has the municipality amended its post-construction storm water management ordinance in accordance with subsection 2.5.1 of the general permit during the reporting year?  Yes  No  
If yes, attach copy or provide web link to ordinance:
- d. Has the municipality adopted any other ordinances it has deemed necessary to implement a program under the general permit (e.g., pet waste ordinance, leaf management/yard waste ordinance, parking restrictions for street cleaning, etc.) during the reporting year?  Yes  No  
If yes, attach copy or provide web link to ordinance:
- e. Provide a summary of available information on the number and nature of inspections and enforcement actions conducted during the reporting period to ensure compliance with the ordinances described in a. to d. above.

The City continues to actively inspect and enforce Chapters 28, 29, and 30.

Chapter 28. Inspections are regularly conducted while new post-construction BMPs are being constructed. The City also conducts inspections on all City owned BMPs at least once a year.

Chapter 29. In 2016, over 100 inspections were conducted for construction site erosion control.

Chapter 30. Inspections pertaining to the Illicit Discharge Ordinance can be found in ATTACHMENT B. In 2016, a total of 18 illicit discharge related activities were documented and 11 notices were mailed out, and 6 door hangers placed for grass clippings and yard debris in the street, or related issues. There were no Notice of Violations issued in 2016.

**Part VIII. Water Quality Concerns**

- a. Does any part of the MS4 discharge to an outstanding resource water (ORW) or exceptional resource water (ERW) listed under s. NR 102.10 or 102.11, Wis. Adm. Code? (A list of ORWs and ERWs may be found on the Department's Internet site at: <http://dnr.wi.gov/topic/surfacewater/orwerw.html>)  Yes  No  
If yes, list:
- 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:  
Manitowoc River  
Red Arrow Park Beach, Lake Michigan  
YMCA Beach, Lake Michigan  
Memorial Drive Wayside Beach, Lake Michigan  
Warmwaters Beach, Lake Michigan  
Silver 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:  
The 2013 Red Arrow Beach Nourishment project constructed sand dunes and an infiltration swale at Red Arrow Beach to reduce the amount of E.coli present in the water. In 2014 additional beach nourishment sand was added to the lower beach. The sand dune construction reduces the swash zone and the area birds like to congregate. When bird droppings are added to the swash zone it creates an excellent habitat for bacteria/E.coli. The infiltration swale intercepts and treats stormwater before it reaches the beach.

Preliminary Concept plans have been drawn for Beach Nourishment at the YMCA Beach, Memorial Dr wayside/ Blue Rail Beach and Warm waters Beach to reduce the E.coli present in the water. Grant opportunities are



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

currently being pursued to construct the Blue Rail Beach improvements. Construction is expected to begin in spring of 2017.

The Manitowoc River and Silver Creek have been listed for Phosphorous. The city's additional BMP's, street sweeping, public education and municipal code will continue to aid in reducing the phosphorous that enters these two systems.

- c. Identify any known water quality improvements in the receiving water to which the MS4 discharges during the reporting period.  
None Known
- d. Identify any known water quality degradation in the receiving water to which the MS4 discharges during the reporting period and what actions are being taken to improve the water quality in the receiving water.  
None Known
- e. Does any part of the MS4 discharge to an approved Total Maximum Daily Load (TMDL) area (Section 1.5.4 of the general permit)?  
 Yes  No

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

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

Name of TMDL: \_\_\_\_\_ Date TMDL approved? \_\_\_\_\_

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

**Part IX. Proposed Program Changes**

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

None Known

**Part X. Other**

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

None Known

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

Program Element	Annual Expenditure 2016	2016	Budget 2017	Source of Funds
Public Education and Outreach	\$4,143.36	\$5,000	\$5,000	-General Fund
Public Involvement and Participation				NOTE: Funding for this program is grouped with Public Education and Outreach Program
Illicit Discharge Detection and Elimination	\$2,734.01	\$5,000	\$5,000	-General Fund
Construction Site Pollutant Control	\$279.62			General Fund & Permit Revenue
Post-Construction Storm Water Management	\$20,732.2	\$20,000	\$4,04,302	\$22,000 General Fund \$62,500 Capital for Blue Rail Beach \$62,500 Fund For Lake Michigan grant Blue Rail Beach \$167,603 EPA Grant GL-00E01966-0 \$89,699 EPA Grant GL-00E01418-2
Pollution Prevention	\$5,69,201.26	\$5,51,300	\$5,98,000	-General Fund
Storm Water Quality Management (including pollutant-loading analysis)	\$18,868.4	\$20,000	\$5,000	\$5000 General Fund \$0 Capital Fund for 2017 2016 \$5000 General Fund & \$15000 Capital
Storm Sewer System Map	\$235.02			NOTE: Funding for this program can be taken from the "Other category"
Other:	\$6,765.5	\$16,300	\$7,000	-General Fund

NORTHERN REGION COUNTIES			WEST CENTRAL REGION COUNTIES		
Ashland	Langlade	DNR Service Center Attn: Storm Water Program 5301 Rib Mountain Rd. Wausau, WI 54401 Phone: (715) 359-4522	Adams	Marathon	DNR Service Center Attn: Storm Water Program 5301 Rib Mountain Rd. Wausau, WI 54401 Phone: (715) 359-4522
Barron	Lincoln		Buffalo	Monroe	
Bayfield	Oneida		Chippewa	Pepin	
Burnett	Polk		Clark	Pierce	
Douglas	Price		Crawford	Portage	
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 Attn: Storm Water Program 2984 Shawano Ave. Green Bay, WI 54313 Phone: (920) 662-5100	Columbia	Jefferson	DNR South Central Region Attn: Storm Water Program 3911 Fish Hatchery Rd. Fitchburg, WI 53711 Phone: (608) 275-3266
Calumet	Menominee		Dane	LaFayette	
Door	Oconto		Dodge	Richland	
Fond du Lac	Outagamie		Grant	Rock	
Green Lake	Shawano		Green	Sauk	
Kewaunee	Waupaca		Iowa		
Manitowoc	Waushara				
Marinette	Winnebago				

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

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- Attachment B. Outfall Monitoring Program Summary
- Attachment C. Illicit Discharge Activity Summary
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- Attachment E. Pond Mowing and Maintenance Schedule
- Attachment F. Narrative 2015 Pollution Prevention

# Attachment A

# Attachment A

- Public Education and Outreach

The City of Manitowoc continues to actively implement an effective public education and outreach program that meets the expectations of the City's program.

The City is an active member of the Northeast Wisconsin Storm Water Consortium (NEWSC). The City is aware that the NEWSC annual report has been submitted to the WDNR. Activities in the NEWSC report should be credited to the City of Manitowoc. During 2016, NEWSC provided its members with many educational documents for use in their own communities. NEWSC also participated in some expos/shows as a means to better reach out and educate the public. The City continues to use the public education materials published by NEWSC in local news articles, staff newsletters, and other means as deemed fit.

The City also continues to maintain partnerships with The Wisconsin Maritime Museum, Friends of the Manitowoc River Watershed (FMRW) and Woodland Dunes Nature Center to assist in implementing the City's public education program. The Maritime Museum and Woodland Dunes Nature Center have the resources available to draw in citizen groups for education and storm water stenciling. In 2016, we stenciled inlets with Maritime Museum summer school students. Approximately 342 inlets were stenciled in 2016, thanks to this partnership and other groups.

**\*\*MEASUREABLE GOAL\*\***, the City stenciled over 1,100 inlets in the past five years.

In 2016, Lakeshore Natural Resources Partnership hosted Lake Michigan Day in Manitowoc. They received grants that are currently being implemented to remove invasive species (Phragmites) from the parks along portions of the Little Manitowoc River. They also received grants to restore a portion of the Little Manitowoc River. In partnership with the Friends of the Manitowoc River watershed they hosted multiple beach and river cleanup events.

The City also did a great deal of public education regarding grass clippings and yard waste in the street. The city offered free yard signs that encouraged residents to keep grass clippings out of the street. Dozens of these signs were displayed throughout the city on both public and private properties. Residents were also sent notices informing them that they should not be putting their grass clippings in the street.

**\*\*MEASUREABLE GOAL\*\***, over 10 of these notices were mailed out. There was also 6 door hangers placed on citizens doors regarding storm water pollution issues related to yard waste and grass clippings in the street.

Following this page in Attachment A, is a list of the activities conducted in 2016 and a list of Staff Training/Discussion Activities.

## 2016 Public Education Activities

Date	Activity	Summary	Measurable Goals
1/18/2016	Changed City web site	Added link to Wdhr rain garden information, Created fillable form for erosion control application, updated Illicit discharge procedures, and updated new SWPPP for DPI and Parks	4 updates
2/15/2016	Added Snow and Ice Removal page to cities website	Added snow and Ice Removal page to cities website under education.	
2/18/2016	Bulletin board	displayed bulletin board with rain garden information from 2/15/2016 to 12/15/2016 and snow removal/salt reduction from 12/15/2016 to present.	
3/2/2016	Sponsored the 17th Annual Fox Wolf Watershed Alliance Watershed Conference	The City of Manitowoc was a level 2 sponsor of the event.	hundreds of people attended.
3/9/2016	Spring Clean up	Sent a press release out to inform residents how spring garden waste, brush and leaf pick up will work.	
3/23/2016	Street sweeping Parking Ban Press release	Sent a press release out to remind residents of the Street sweeping Parking Ban	
4/12/2016	Placed grass clipping yard signs	Place grass clipping yard signs at S 10th street pond and Dewey street Pond, Also placed two of them at Red Arrow beach by the infiltration basin.	
4/12/2016	Spring Clean up update	Sent out a press release updating residents about garden waste, brush pick up and leaf pick up.	
4/20/2017	Free yard signs advertised on City website	Free Yard signs "Grass Clippings are Litter" were advertised on the City website. Available at the engineering dept.	
4/23/2016	beach clean up	Friends of the Manitowoc River watershed cleaned the beaches by silver creek, University, Red Arrow, Warm waters, YMCA and Blue Rail.	
4/25/2016	Hazardous Waste Clean Sweep	Hazardous Waste Clean Sweep for Manitowoc County residents was place on the Cities Website, Facebook and twitter.	
4/22/2016	Grass clipping are litter press release	A press release was sent reminding residents that it is unlawful to deposit grass clippings into the city streets	
6/13/2016	2016 Emergency storm Damage Brush pick up Press release	A press release was sent informing residents about an emergency storm damage brush pickup schedule.	
6/23/2016	Link added to cities website	Recycling page added to the cites website	





## 2016 Staff Training/Discussion Activities

Date	Activity	Summary	Measurable Goals
1/12/2016	Contech Lunch & Learn	Short presentation by contech showing what contech has to offer for stormwater infrastructure.	7 employees attended
1/21/2016	NEWSC meeting	General public meeting	Matt attended
4/14/2016	Waukesha County Stormwater Workshop	The Rundown on Runoff	Greg, Dan & Matt attended
5/9/2016	NEWSC meeting	NEWSC full membership meeting	Matt attended
5/25/2016	Stormwater solutions webinar	Webinar on industrial site BMPs, identifying structural and non-structural BMPs.	Matt attended
6/23/2016	Webinar	Webinar on finding Bacteria sources in Stormwater. Put on by Source Molecular	Matt attended
8/12/2016	Lake Michigan Day	Learned what is being done to protect and enhance Lake Michigan. Used it to see how we can improve the Lake in our area.	Greg, Dan & Matt attended
9/30/2016	NEWSC Stormwater Pond Workshop	NEWSC put on a workshop in Appleton talking about stormwater pond construction, maintenance and function	Matt and Greg attended
10/13/2016	Snow plowing and safety training	Snow plowing and safety training was held at DPI shop. Training on salting equipment took place.	24 City employees attended
10/27/2016	Winter Parking Lot Workshop	NEWSC held a Winter Parking Lot and Sidewalk Maintenance workshop	Matt attended
11/7/2016	NEWSC meeting	NEWSC full membership meeting	Greg attended

## 2016 Public Infrastructure Committee and Common Council activities

Date	Summary
2/1/2016	Leaf pickup RIE results brought to Public Infrastructure Committee
3/7/2016	DNR MS4 report with 2015 accomplishments and a Stormwater Maintenance agreement brought to PI Committee
3/21/2016	DNR MS4 report with 2015 accomplishments accepted by the Common Council.
4/4/2016	Lake Breeze Apartments Stormwater Maintenance agreement brought to PI Committee
5/9/2016	Kaysun Maintenance agreement brought to PI Committee
9/12/2016	Blue rail beach grant and design information to PI Committee
10/10/2016	Manitowoc Memory Care. maintenance agreement and flooding issue at 4336 Custer lane brought to PI Committee
12/12/2016	Fund for Lake Michigan Grant approval for the Blue Rail Beach stormwater treatment brought to PI Committee.



FROM THE CITY OF MANITOWOC

# PRESS RELEASE

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City of Manitowoc • 900 Quay Street • Manitowoc, WI 54220-4543 • 920-686-6550 • Fax: 920-686-6525

## For Immediate Release

**Date:** March 9, 2016  
**Contact:** Dan Koski, P.E., Director of Public Infrastructure  
**Phone:** 920-686-6550  
**Fax:** 920-686-6525

## 2016 SPRING CLEANUP

### Spring Cleanup for 2016 will be as follows:

#### Section 1: April 4<sup>TH</sup> THROUGH April 8<sup>TH</sup>, 2016

West of and including North 18<sup>th</sup> Street and north of the Manitowoc River

#### Section 2: April 11<sup>TH</sup> THROUGH April 15<sup>TH</sup>, 2016

West of the Canadian National Railroad tracks and south of the Manitowoc River

#### Section 3: April 18<sup>TH</sup> THROUGH April 22<sup>TH</sup>, 2016

East of the Canadian National Railroad tracks and south of the Manitowoc River

#### Section 4: April 25<sup>TH</sup> THROUGH April 29<sup>th</sup>, 2016

East of North 18<sup>th</sup> Street and north of the Manitowoc River

These dates are subject to change based on weather. Please check [www.manitowoc.org](http://www.manitowoc.org), social media or contact the Streets and Sanitation Division at 920-686-6550 for updates.

### PARKING BAN:

A parking ban ordinance has been put in place for Spring Cleanup. **NO PARKING WILL BE ALLOWED IN FRONT OF GARDEN WASTE, BRUSH, AND/OR LEAF AND RAKING PILES** on City streets during the week of pickup from 7:00 am – 3:00 pm. Vehicles parked on the street in front of any debris piles will be ticketed.

### THINGS TO REMEMBER:

- There are two crews picking up. One crew for leaves, thatch and garden waste and one crew for brush. This is because brush is placed in a different area at the compost site. If your leaf and raking pile is picked up but brush is not, another crew will be coming through to pick it up.
- To ensure pick-up, all material must be placed between the sidewalk and curb by 7:00 am on the specified MONDAY of your scheduled week BUT NOT MORE THAN TWO (2) WEEKS PRIOR TO THE SCHEDULED PICKUP WEEK. **MAKE SURE YOU HAVE ALL**

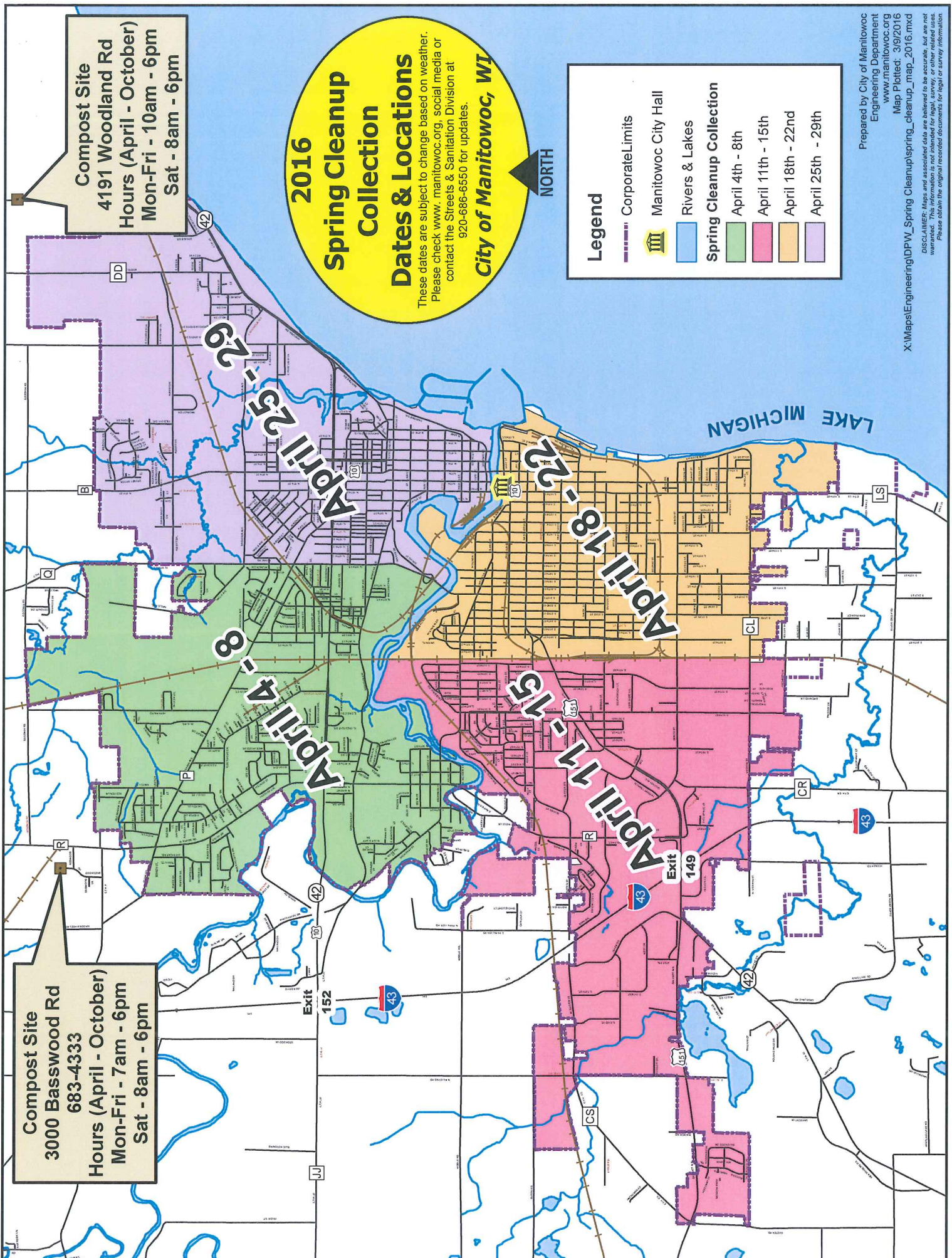
**YARD WASTE PLACED BETWEEN THE SIDEWALK AND CURB BY 7:00 AM ON THE MONDAY OF YOUR PICKUP WEEK.** There will be a minimum \$100.00 charge for material picked up after the initial pickup on your street.

- The two crews will pick up on each street **ONE TIME ONLY**.
- Yard waste consists of leaves, thatch, yard and garden waste, and brush (including clean woody vegetative material) not to exceed five (5) feet in length or six (6) inches in diameter.
- Brush, branches, and bushes/shrubs without root bulbs are to be kept separate from rakings (thatch material).
- Pickup is limited to one truckload per property.
- Bagged materials **WILL NOT** be picked up.
- Crews **WILL NOT** pick up the following:
  - Lumber, garbage, animal droppings, broken concrete, refuse, fill, demolition material, edgings, yard debris greater than six (6) inches in diameter or longer than five (5) feet in length, including stumps, roots, or shrubs with intact bulbs, or debris in bags, buckets, or garbage cans.
- Materials **WILL NOT** be picked up on uninhabited/vacant lots.

City residents that choose not to utilize the city pickup or wish to have additional pickups may contact a private hauler or take brush to the county compost sites. For more information about the compost sites, call 683-4333.

For additional information regarding Spring Cleanup, contact the Department of Public Infrastructure – Streets and Sanitation Division at 686-6550.

Sign up to receive important information about the City of Manitowoc by text or e-mail. Go to [www.manitowoc.org](http://www.manitowoc.org). Click on the **Notify Me** button in the lower left hand portion of the page. Follow the directions at the top of the page and under the News Flash category, choose whatever categories you are interested in.



**Compost Site**  
 3000 Basswood Rd  
 683-4333  
 Hours (April - October)  
 Mon-Fri - 7am - 6pm  
 Sat - 8am - 6pm

**Compost Site**  
 4191 Woodland Rd  
 Hours (April - October)  
 Mon-Fri - 10am - 6pm  
 Sat - 8am - 6pm

**2016  
 Spring Cleanup  
 Collection  
 Dates & Locations**

These dates are subject to change based on weather.  
 Please check [www.manitowoc.org](http://www.manitowoc.org), social media or  
 contact the Streets & Sanitation Division at  
 920-686-6550 for updates.

**City of Manitowoc, WI**



**Legend**

- Corporate Limits
- Manitowoc City Hall
- Rivers & Lakes
- Spring Cleanup Collection**
  - April 4th - 8th
  - April 11th - 15th
  - April 18th - 22nd
  - April 25th - 29th

FROM THE CITY OF MANITOWOC

# PRESS RELEASE

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City of Manitowoc • 900 Quay Street • Manitowoc, WI 54220-4543 • 920-686-6550 • Fax: 920-686-6525

## For Immediate Release

**Date:** March 23, 2016  
**Contact:** Dan Koski, P.E., Director of Public Infrastructure  
**Phone:** 920-686-6550  
**Fax:** 920-686-6525

## 2016 STREET SWEEPING PARKING BAN

The mission of the City's Department of Public Infrastructure is to clean city streets to provide safe conditions for all modes of transportation and to help keep our lakes and rivers clean. Many of the storm sewers lead directly to Lake Michigan, the Manitowoc River, Little Manitowoc River, and Silver Creek. It is important to remember that anything that is put into the street is ultimately going to end up in the lake or river. In an effort to reduce the amount of material that enters the storm sewers and ultimately our waterways, to keep streets clean, and to cost effectively meet the Wisconsin Department of Natural Resource's Municipal Storm Water Permit requirements, the City has a street sweeping program and parking ban in place.

The Street Sweeping Parking Ban will begin this year on April 1, 2016. Warning tickets will be issued during the week of March 21, 2016. To avoid being ticketed, check the City website, [www.manitowoc.org](http://www.manitowoc.org), under Municipal Code 10.430 or Department of Public Infrastructure – Street Sweeping for the Street Sweeping district map. Please only park on the street after the posted time on the street sweeping sign. Even though you may have seen the sweeper go by once, it may need to go by for a second pass. If possible, please avoid parking on streets in the area being swept during the morning hours. Crews can do a better job when cars aren't blocking their access to the curb.

It is important to remember that sweeping grass clippings into the street is not only bad for our local lakes, creeks and rivers; it is also a violation of city ordinance. Grass along with other organic materials that are washed into the storm drain system, end up in our local water bodies. These materials decompose and release phosphorous into the water. Algae use this nutrient to grow, which in turn could turn your local waterways green.

Please help to keep our lakes, rivers and drinking water sources clean. For more information please contact the Department of Public Infrastructure – Streets and Sanitation at 686-6550.

Sign up to receive important information about the City of Manitowoc by text or e-mail. Go to [www.manitowoc.org](http://www.manitowoc.org). Click on the **Notify Me** button in the lower left hand portion of the page. Follow the directions at the top of the page and under the News Flash category, choose whatever categories you are interested in.

Grass Clippings are  
Litter....  
Please Keep out of  
Streets!!



04.12.2016 09:53





FROM THE OFFICE OF MANITOWOC'S DEPARTMENT OF PUBLIC  
INFRASTRUCTURE

# PRESS RELEASE

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City of Manitowoc • 900 Quay Street • Manitowoc, WI 54220-4543 • 920-686-6950 • Fax: 920-686-6525

## For Immediate Release

**Date:** April 12, 2016  
**Contact:** Dan Koski, Director of Public Infrastructure  
**Phone:** 920-686-6550  
**Fax:** 920-686-6525

## 2016 SPRING CLEANUP UPDATE

Due to inclement weather during the first two weeks of the Spring Cleanup, crews will be going back to Section 1 and Section 2. Dates are as follows:

**Section 2 AND Section 3:** April 18<sup>TH</sup> THROUGH April 22<sup>TH</sup>, 2016  
South half of the City south of the Manitowoc River

**Section 1 AND Section 4:** April 25<sup>TH</sup> THROUGH April 29<sup>th</sup>, 2016  
North half of the City north of the Manitowoc River

### **PARKING BAN:**

A parking ban ordinance has been put in place for Spring Cleanup. **NO PARKING WILL BE ALLOWED IN FRONT OF GARDEN WASTE, BRUSH, AND/OR LEAF AND RAKING PILES on City streets during the week of pickup from 7:00 am – 3:00 pm.** Vehicles parked on the street in front of any debris piles will be ticketed.

### **REMINDER:**

To ensure pick-up, all material must be placed between the sidewalk and curb by 7:00 am on the specified MONDAY of your scheduled week **BUT NOT MORE THAN TWO (2) WEEKS PRIOR TO THE SCHEDULED PICKUP WEEK. MAKE SURE YOU HAVE ALL YARD WASTE PLACED BETWEEN THE SIDEWALK AND CURB BY 7:00 AM ON THE MONDAY OF YOUR PICKUP WEEK.** There will be a minimum \$100.00 charge for material picked up after the initial pickup on your street.

Sign up to receive important information about the City of Manitowoc by text or e-mail. Go to [www.manitowoc.org](http://www.manitowoc.org). Click on the **Notify Me** button in the lower left hand portion of the page. Follow the directions at the top of the page and under the News Flash category, choose whatever categories you are interested in.

If you have questions, contact the Department of Public Infrastructure, Streets and Sanitation Division at 686-6550.

## Public Service Announcement from the Manitowoc County Recycling Center

**TO:** Radio, Newspaper  
**FROM:** Jon Reisenbuechler  
Operations Manager  
Phone #: 683-4333  
**SUBJECT:** 2016 Clean Sweep  
Program  
**DATE:** April 25, 2016



The 2016 Manitowoc County Hazardous Waste Clean Sweep programs will be held **Friday, May 13** and **Saturday, May 14**. Residents and farms can dispose of hazardous chemicals for free. Qualifying businesses may be eligible for subsidized disposal rates. Businesses and farms must pre-register by calling 683-4333 by May 6.

Accepted items include pesticides, cleaning products, oil and lead based paints, automotive chemicals and mercury. Many of these common items are hazardous when used, stored or disposed of improperly. Look for items that contain the following warnings on their labels: **Danger, Warning, Caution, Poison, Combustible, Flammable, Corrosive, and Toxic.**

Latex paints will NOT be accepted at Clean Sweep. Residents are encouraged to dispose of dried latex paint in their regular trash. Just take the lid off and let it dry or add paint hardener or cat litter. Once hardened, latex paint can be disposed of in the trash.

For more details call 683-4333 or visit [www.manitowocrecycles.org](http://www.manitowocrecycles.org)

### **Residents**

Saturday, May 14, 9am to Noon  
Manitowoc County Highway Shop  
3500 HWY 310, Manitowoc

### **Farms and Businesses**

Friday, May 13, 2pm to 4pm  
Manitowoc County Highway Shop  
3500 HWY 310, Manitowoc  
Pre-registration is required



FROM THE CITY OF MANITOWOC

# PRESS RELEASE

City of Manitowoc • 900 Quay Street • Manitowoc, WI 54220-4543 • 920-686-6910 • Fax: 920-686-6906

## For Immediate Release

**Date:** April 22, 2016  
**Contact:** Dan Koski, P.E., Director of Public Infrastructure  
**Phone:** 920-686-6910  
**Fax:** 920-686-6906

### Unlawful to Deposit Grass Clippings in City Streets

The City is asking residents to keep all grass clippings or other yard waste out of the City streets and alleys. Please direct your mower away from the street and back onto your property and remove any clippings that may have been accidentally blown in the street.

The City of Manitowoc would like to remind all residents that it is “unlawful” to deposit these materials on to any City street or alley at any time pursuant to Section 7.100(2) of the City of Manitowoc’s Municipal Code.

Proper disposal of your yard debris is a simple yet significant way to help reduce storm water pollution. When debris enters the storm sewer inlets, it becomes wet and quickly decomposes adding unnecessary nutrients to our storm water system, which ultimately discharges to our streams, river and the lake. These excessive nutrients reduce the clarity, and the quality of the waters we all enjoy. Not only does this activity have a degrading effect on our water quality, but also the buildup of grass clippings, sediment, leaves and other debris can cause problems to the storm sewer systems resulting in tax dollars being spent on repairs and cleaning. This also means increased costs for enforcement of non-compliance with activities such as these.

Stop down at City Hall and pick up your free yard sign to remind your neighbors to keep their grass clippings out of the street. Place it in your yard to show your support of clean waters and the environment.

Sign up for News Flash and/or Emergency Alert texts or e-mails about activities in the City by going to [www.manitowoc.org](http://www.manitowoc.org). Click on the Notify Me button in the lower left of the page and follow the instructions.



FROM THE CITY OF MANITOWOC

# PRESS RELEASE

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City of Manitowoc • 900 Quay Street • Manitowoc, WI 54220-4543 • 920-686-6550 • Fax: 920-686-6525

## For Immediate Release

**Date:** June 13, 2016  
**Contact:** Dan Koski, P.E., Director of Public Infrastructure  
**Phone:** 920-686-6550  
**Fax:** 920-686-6525

## 2016 Emergency Storm Damage Brush Pickup

The City of Manitowoc Department of Public Infrastructure – Streets and Sanitation division will conduct an Emergency Storm Damage Brush Pickup beginning on Wednesday, June 15, 2016. All debris must be placed between the sidewalk and the curb by 7:00 am on Wednesday, June 15, 2016. Crews will go through each street one time only.

### EMERGENCY STORM DAMAGE BRUSH INSTRUCTIONS

1. Storm brush must be placed between the sidewalk and the curb (terrace) by 7:00 am on Wednesday, June 15, 2016. **DO NOT** place storm debris in the street. **NO STORM BRUSH WILL BE PICKED UP OFF OF PRIVATE PROPERTY.** Please do not put debris in any alleyway as it will not be picked up.
2. Storm brush must be placed on the terrace prior to 7:00 am on Wednesday, June 15, 2016 to avoid any charges. Any brush placed after this time may result in a minimum charge of \$100.00.
3. Crews will go through each street one time only.
4. Brush shall not exceed five (5) feet in length and six (6) inches in diameter. If you have brush that is larger than six (6) inches in diameter please place in a separate pile. If the storm brush pile has brush exceeding six (6) inches mixed with other brush, the pile will not be picked up.
5. Only brush will be picked up. No other debris will be collected.
6. Bagged material will not be picked up.
7. Materials will not be picked up on uninhabited/vacant lots.

City residents that choose not to utilize the city pickup or wish to have additional pickups may contact a private hauler or take brush to the county compost sites. For more information about the compost sites, call 683-4333. **Please use the compost sites during posted hours only.**

For additional information regarding the Emergency Brush Pickup contact the Department of Public Infrastructure – Streets and Sanitation Division at 686-6550.

Sign up to receive important information about the City of Manitowoc by text or e-mail. Go to [www.manitowoc.org](http://www.manitowoc.org). Click on the **Notify Me** button in the lower left hand portion of the page. Follow the directions at the top of the page and under the News Flash category, choose whatever categories you are interested in.

FROM THE CITY OF MANITOWOC

# PRESS RELEASE

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City of Manitowoc • 900 Quay Street • Manitowoc, WI 54220-4543 • 920-686-6910 • Fax: 920-686-6906

## For Immediate Release

**Date:** September 23, 2016  
**Contact:** Dan Koski, P.E., Director of Public Infrastructure  
**Phone:** 920-686-6910  
**Fax:** 920-686-6906

## 2016 LEAF PICKUP

2016 Leaf pickup is scheduled to begin on October 3, 2016. Leaves are scheduled to be picked up once a week on your street sweeping day beginning October 3<sup>rd</sup> through November 18<sup>th</sup>. We expect the bulk of leaf pickup to be October 10<sup>th</sup> through November 18<sup>th</sup>. The goal is to complete pickup in each section each week. Depending on weather, volume of leaves and equipment there may be times a section is not completed. Please be patient, leaves will be picked up the following week.

There will be a residential NO PARKING BAN from 7 AM to 3 PM on the day of your pickup, which is the same day as your Street Sweeping Parking Ban. Vehicles parked on the street between 7 AM and 3 PM will be ticketed. This is being implemented to facilitate picking up the leaves much faster.

NO BRUSH OR GARDEN WASTE WILL BE PICKED UP. Residents may take brush and garden waste to the Manitowoc County compost sites or contact a private hauler. For information about the compost sites call 683-4333.

### STREETS WITH A PARKING LANE

If your street has a parking lane, leaves should be placed in the parking lane of the street in front of your residence **the evening before your street sweeping day**. No leaves will be removed from the terrace (grassy area between the sidewalk and the curb). Leaves will be picked up on your street sweeping day from the parking lane only. This is being done to pick up the leaves faster, and in an effort to leave the terrace looking better after pick up. Please make sure that you do not place leaf piles near or over catch basins.

### STREETS WITHOUT A PARKING LANE

If there is no parking lane on your street, there is no change, and leaves should continue to be placed on the terrace. Please make sure that you do not pile leaves around trees, light poles or any other obstacles in the terrace.

Safety for residents and crews is important. If you see crews picking up leaves, please give them room. Large equipment backs up frequently, and we want everyone to be safe.

### NEWS FLASH AND EMERGENCY ALERT TEXTS OR E-MAILS

Sign up for News Flash and/or Emergency Alert texts or e-mails about activities in the City by going to [www.manitowoc.org](http://www.manitowoc.org). Click on the Notify Me button in the lower left of the page and follow the instructions.

For additional information, contact the Department of Infrastructure – Streets and Sanitation Division between the hours of 7 am and 4 pm, Monday – Friday at 686-6550, or check out our website at [www.manitowoc.org](http://www.manitowoc.org). After hours call the Department of Public Infrastructure – Streets and Sanitation Division information line at 686-6555.

## 2016 LEAF PICKUP FAQ'S

### When is my leaf pickup?

Leaves will be picked up once a week on your street sweeping day beginning October 3<sup>rd</sup> through November 18<sup>th</sup>. We expect the bulk of leaf pickup to be October 10<sup>th</sup> through November 18<sup>th</sup>.

### Can I place my leaves in the street?

If you have a parking lane in front of your residence, you may place your leaves in the parking lane the evening before your street sweeping day. Please make sure you do not place leaves near or over catch basins. If you do not have a parking lane, then you must continue to place your leaves on the terrace.

### How do I know if I have a parking lane?

If parking is allowed in front of your residence, there is a parking lane.

### My street does not have a parking lane. Where do I put my leaves?

If your street does NOT have a parking lane leaves should continue to be placed on the terrace.

### Does the parking ban apply to businesses and schools?

The parking ban does not apply to businesses and schools.

### If my leaves are on the terrace will they be picked up?

Leaves **WILL NOT** be picked up off the terrace if there is a parking lane on your street. You will receive a door hanger requesting that leaves be moved to the street the evening before your next scheduled pickup.

### I had my leaves out as directed and they were not picked up this week.

Our goal is to complete pickup in each section each week. Depending on weather, volume of leaves and equipment there may be times a section is not completed. Please be patient, they will be picked up the following week.

### Will you pick up brush and garden waste?

Brush and garden waste **WILL NOT** be picked up. Residents may take brush and garden waste to the Manitowoc County compost sites or contact a private hauler.

### The Street Sweeping Parking Ban ends on September 30<sup>th</sup>. Can I park my car on the street the day my leaves are being picked up?

No. There will be a residential parking ban from October 3<sup>rd</sup> through November 18<sup>th</sup>. On the normal day of your street sweeping leaves will be picked up from the parking lane of your street. There will be no parking on your street sweeping day from 7 AM to 3 PM.

### I can't put grass in the street, why can I put my leaves in the street?

Grass can be cleaned up when cutting and more easily kept out of the street. Leaves fall fast over a short period of time and many naturally fall into the street, all of which need to be picked up. When your leaves are placed in the street they will be picked up faster reducing the amount that would make it into the storm sewer and ultimately the lake and river.

FROM THE CITY OF MANITOWOC

# PRESS RELEASE

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City of Manitowoc • 900 Quay Street • Manitowoc, WI 54220-4543 • 920-686-6550 • Fax: 920-686-6525

## For Immediate Release

**Date:** November 11, 2016  
**Contact:** Dan Koski, P.E., Director of Public Infrastructure  
**Phone:** 920-686-6550  
**Fax:** 920-686-6525

## FOR IMMEDIATE RELEASE 2016 LEAF PICKUP UPDATE

November 14 – 18<sup>th</sup> is the last scheduled week for leaf pickup. At this point, there are no additional pickups scheduled.

### **Reminders:**

Streets with a parking lane (you can park in front of your residence), leaves should be raked into the parking lane the night before your pickup.

Streets without a parking lane, leaves should be placed on the terrace (grassy area between the sidewalk and the curb).

There is a residential NO PARKING BAN from 7 AM to 3 PM on the day of your pickup, which again is the same day as your Street Sweeping Parking Ban. Vehicles parked on the street during that time will be ticketed. This is being implemented to facilitate picking up the leaves much faster. To find a map of the leaf pickup sections, go to [www.manitowoc.org](http://www.manitowoc.org) and click on the fall leaf pickup on the main page.

Leaf pickup ends on November 18<sup>th</sup>.

No brush or garden waste will be picked up. Residents may take brush and garden waste to the Manitowoc County compost sites or contact a private hauler. For information about the compost sites call 683-4333.

Safety for residents and crews is important. If you see crews picking up leaves, please give them room. Large equipment backs up frequently and we want everyone to be safe.

### NEWS FLASH AND EMERGENCY ALERT TEXTS OR E-MAILS

Sign up for News Flash and/or Emergency Alert texts or e-mails about activities in the City by going to [www.manitowoc.org](http://www.manitowoc.org). Click on the Notify Me button in the lower left of the page and follow the instructions.

For additional information, contact the Department of Public Infrastructure – Streets and Sanitation Division between the hours of 7 am and 4 pm, Monday – Friday at 686-6550, or check out our website at [www.manitowoc.org](http://www.manitowoc.org).

FROM THE CITY OF MANITOWOC

# PRESS RELEASE

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City of Manitowoc • 900 Quay Street • Manitowoc, WI 54220-4543 • 920-686-6550 • Fax: 920-686-6525

## For Immediate Release

**Date:** November 15, 2016  
**Contact:** Dan Koski, P.E., Director of Public Infrastructure  
**Phone:** 920-686-6550  
**Fax:** 920-686-6525

## FOR IMMEDIATE RELEASE 2016 LEAF PICKUP UPDATE

Leaf pickup has been extended. Weather permitting, December 2, 2016 will be the final day for pickup. There will be no pickup Thursday, November 24<sup>th</sup> or Friday, November 25 in observance of the Thanksgiving holiday. Please make sure to get your leaves out by 7 am on your street sweeping day. No leaf pickup is scheduled after December 2.

### Reminders:

Streets with a parking lane (you can park in front of your residence), leaves should be raked into the parking lane the night before your pickup.

Streets without a parking lane, leaves should be placed on the terrace (grassy area between the sidewalk and the curb).

There is a residential NO PARKING BAN from 7 AM to 3 PM on the day of your pickup, which again is the same day as your Street Sweeping Parking Ban. Vehicles parked on the street during that time will be ticketed. This is being implemented to facilitate picking up the leaves much faster. To find a map of the leaf pickup sections, go to [www.manitowoc.org](http://www.manitowoc.org) and click on the fall leaf pickup on the main page.

Leaf pickup ends on December 2, 2016.

No brush or garden waste will be picked up. Residents may take brush and garden waste to the Manitowoc County compost sites or contact a private hauler. For information about the compost sites call 683-4333.

Safety for residents and crews is important. If you see crews picking up leaves, please give them room. Large equipment backs up frequently and we want everyone to be safe.

### NEWS FLASH AND EMERGENCY ALERT TEXTS OR E-MAILS

Sign up for News Flash and/or Emergency Alert texts or e-mails about activities in the City by going to [www.manitowoc.org](http://www.manitowoc.org). Click on the Notify Me button in the lower left of the page and follow the instructions.

For additional information, contact the Department of Public Infrastructure – Streets and Sanitation Division between the hours of 7 am and 4 pm, Monday – Friday at 686-6550, or check out our website at [www.manitowoc.org](http://www.manitowoc.org).





# CERTIFICATE of ATTENDANCE

THIS ACKNOWLEDGES THAT

**Matt Smits**  
**(City of Manitowoc)**

ATTENDED AND RECEIVED 5 HOURS OF TRAINING AT THE

## NEWSC - STORMWATER POND WORKSHOP

*Training Included: Stormwater Pond Design, Inspection, Maintenance & GIS Tracking.*

FRIDAY, SEPT.  
30TH  
2016



A handwritten signature in black ink that reads "Chad VandenLangenberg".

x

Chad VandenLangenberg – NEWSC Coordinator

# CERTIFICATE of ATTENDANCE

THIS ACKNOWLEDGES THAT

**Greg Minikel**  
(City of Manitowoc)

ATTENDED AND RECEIVED 5 HOURS OF TRAINING AT THE

## NEWSC - STORMWATER POND WORKSHOP

*Training Included: Stormwater Pond Design, Inspection, Maintenance & GIS Tracking.*



x

Chad VandenLangenberg – NEWSC Coordinator



NORTHEAST WISCONSIN STORMWATER CONSORTIUM

CERTIFICATE OF SUCCESSFUL COMPLETION



Certificate is  
Awarded To:

**Matt Smits**

City of Manitowoc

WINTER PARKING LOT & SIDEWALK  
MAINTENANCE WORKSHOP

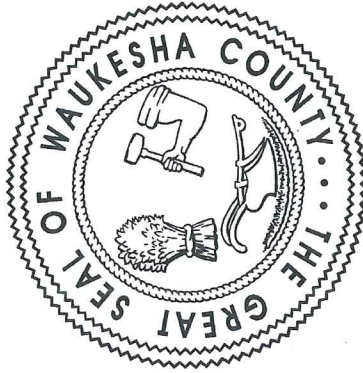
# Certificate of Completion

## Waukesha County Storm Water Workshop

“The Rundown on Runoff”

April 14, 2016 - Pewaukee, WI

Topics Covered: regulatory updates; drone inspections; recent developments in construction mgmt. & erosion control (EC); native vegetation success stories; BMP installation grants; EC & hwy/utility construction; stormwater & hwy construction; local BMP case studies



Department of Parks & Land Use  
Land Resources Division

*Greg Minikel*

Workshop Time: 8:00 am - 4:00 pm

Total = 8 Professional Development Hours

*Ferry M. Schubert*

Signature

4/14/16

Date

## **Matt Smits**

---

**Subject:** Contech Lunch and Learn  
**Location:** Engr./Planning Conference Room

**Start:** Tue 1/12/2016 11:30 AM  
**End:** Tue 1/12/2016 12:30 PM

**Recurrence:** (none)

**Meeting Status:** Accepted

**Organizer:** Greg Minikel  
**Required Attendees:** Dan Koski ; Randy Junk; Mike Zimmer; Matt Smits; Jill Erickson; Steve Herzog; Greg Minikel; Sonja Birr; Street-workers

# Attachment B

2016 Outfall Monitoring

Outfall ID	Material	Size	Outfall Location	Watershed	Inspectors	Date of inspection	Date of last rainfall	Rainfall amount (Inches)	Pipe / outfall active	pH	Chlorine	Detergent	Copper	Phenols	Color	Odor	Turbidity	Floatables	Surface Sheen	Discharge estimate	Water level (inches)	Additional Comments				
L10-OUT1	CMP	23"x35"	MADISON ST EXTENDED	LAKE MICHIGAN	ZC & BB	6/21/2016	6/16/2016	0.3	inactive	na	na	na	na	na	na	na	na	na	na	na	na	20	Water present but no flowing, outfall in good condition.			
L14-OUT1	CONC	102"x81"	RED ARROW PARK BOX CULVERT	LM	ZC, BB, MS & JE	6/21/2016	6/16/2016	0.3	Active	8.12	0.16	0	0	0	clear	none	none	none	none	none	>5 ft/s	2				
L14-OUT10	CONC	48"	HARBOR TOWN POND (CALUMET) E PIPE FROM DEWEY ST	LM	ZC & BB	6/30/2016	6/26/2016	0.7	Active	8.03	0.38	0.12	0	0	clear	none	slight	none	none	none	<2 ft/s	4				
L14-OUT11	<null>	12"		MR	ZC & BB	6/30/2016	6/26/2016	0.7	inactive	na	na	na	na	na	na	na	na	na	na	na	na	na	na	Grass, dirt and debris in pipe.		
L14-OUT12	<null>	12"		MR	ZC & BB	6/30/2016	6/26/2016	0.7	inactive	na	na	na	na	na	na	na	na	na	na	na	na	na	na	Overgrown around outfall		
L14-OUT13	<null>	12"		MR	ZC & BB	6/30/2016	6/26/2016	0.7	inactive	na	na	na	na	na	na	na	na	na	na	na	na	na	na	Pipe is a quarter filled with sediment; overgrown around outlet.		
L14-OUT14	OTHER	12"		MR	ZC & BB	6/30/2016	6/26/2016	0.7	inactive	na	na	na	na	na	na	na	na	na	na	na	na	na	na	Standing water in pipe, overgrown around the pipe.		
L14-OUT15	CONC	21"		MR	ZC & BB	8/10/2016	8/5/2016	0.02	inactive	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	Heavily overgrown.	
L14-OUT16	CONC	36"	S 30TH STREET POND NORTH INFLOW PIPE	LM	ZC & BB	6/30/2016	6/26/2016	0.7	inactive	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na		
L14-OUT17	CONC	36"	S 30TH STREET POND SOUTH INFLOW PIPE	LM	ZC & BB	6/30/2016	6/26/2016	0.7	inactive	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	Small amount of deposits, sediment and growth on bottom.	
L14-OUT2	PVC	12"	INLET DISCHARGE IN COL-DESAC AT THE END OF S. 15TH STREET	SC	ZC & BB	6/21/2016	6/16/2016	0.3	inactive	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	Outfall full of leaves and waste, upstream catch basin was dry.	
L14-OUT3	CONC	36"	PIPE INTO POND ON S 19TH STREET AND SUMMIT STREET	LM	ZC, BB, MS & JE	6/21/2016	6/16/2016	0.3	Active	7.5	0.006	0.12	0	0	clear	none	slight	none	none	none	<2 ft/s	3				
L14-OUT4	CONC	60"	S 39TH ST INTO DITCH TO DEWEY STREET POND	LM	ZC & BB	6/21/2016	6/16/2016	0.3	Active	7.7	0.14	0.25	0	0.15	clear	none	slight	mpme	none	none	<2 ft/s	3	Fluoride: 0.5 Southernmost outfall, slow flow			
L14-OUT5	CONC	24"		LM	ZC & BB	6/21/2016	6/16/2016	0.3	inactive	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	Light deposits in pipe.	
L14-OUT6	CONC	24"		LM	ZC & BB	6/30/2016	6/26/2016	0.7	inactive	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	Small amount of standing water, overgrown with cattails.	
L14-OUT7	CONC	12"		LM	ZC & BB	8/9/2016	8/5/2016	0.02	inactive	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	Heavily overgrown.	
L14-OUT8	CONC	29"x45"	NE CORNER OF DEWEY ST AND CALUMET AVE	LM	ZC & BB	8/9/2016	8/5/2016	0.02	inactive	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	Outfall is overgrown with cattails, garbage in pipe.	
L14-OUT9	CONC	48"	HARBOR TOWN POND (CALUMET) W PIPE FROM RAPIDS RD	LM	ZC & BB	6/30/2016	6/26/2016	0.7	Active	8.17	0.18	0	0	0	brown tint	none	none	none	none	none	<2 ft/s	5				
L16-OUT1	CMP	15"	WILSON ST EXTENDED	LM	ZC, BB, MS & JE	6/21/2016	6/16/2016	0.3	inactive	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	Excessive vegetation around outfall; dry.
L18-OUT1	CMP	24"	MANITOU ST EXTENDED	LM	ZC, BB, MS & JE	6/21/2016	6/16/2016	0.3	inactive	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	Excessive vegetation around outfall; dry.
L2-OUT1	CONC	24"		LAKE MICHIGAN	ZC, BB, MS & JE	6/21/2016	6/16/2016	0.3	Active	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	Outfall is submerged, unable to sample from an upstream MH.
L2-OUT2	CONC	18"		LAKE MICHIGAN	ZC, BB, MS & JE	6/21/2016	6/16/2016	0.3	inactive	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	Upstream MHs were full, outfall was completely submerged.
L2-OUT3	CONC	15"		LAKE MICHIGAN	ZC, BB, MS & JE	6/21/2016	6/16/2016	0.3	inactive	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	Outfall completely submerged, upstream manholes dry.
L2-OUT4	CONC	24"	WALDO EXTENDED 100' S OF MANITOWOC SIGN	LM	ZC, BB, MS & JE	6/21/2016	6/16/2016	0.3	Active	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	Outfall completely submerged, too little flow in MH to test.
L20-OUT1	CONC	18"	VIEBAHN & LAKESIDE BLVD ON CURVE	LM	ZC & BB	6/21/2016	6/16/2016	0.3	Active	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	Outfall was dripping, insufficient flow to sample.
L22-OUT1	CONC	24"	VEIBAHN ST E OF COLLEGE AVE SOUTH SIDE OF STREET	LM	ZC, BB, MS & JE	6/21/2016	6/16/2016	0.3	Active	7.94	0.22	0	0	0	clear	none	none	none	none	none	2-5 ft/s	1	Heavy erosion, pipe sections are seperated but water is flowing.			
L4-OUT1	ABS	12"	DRAINS 1ST SET OF CBS S OF SEW PLANT LAKEVIEW DR	LAKE MICHIGAN	ZC, BB, MS & JE	6/21/2016	6/16/2016	0.3	inactive	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	
L8-OUT1	PVC	12"	OUTFALL N END OF PARKING LOT LAKEVIEW DR	LM	ZC, BB, MS & JE	6/21/2016	6/16/2016	0.3	inactive	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	Pipe was completely plugged, blockage removed by inspectors.
SC2-OUT1	CONC	48"	S SIDE OF VIEBAHN STREET, EAST OF 14TH STREET	SC	ZC & BB	6/30/2016	6/26/2016	0.7	Active	8.08	0.25	0	0	0	lightly brow	none	none	none	none	none	<2 ft/s	18				
SC3-OUT1	CONC	24"		LM	ZC & BB	8/9/2016	8/5/2016	0.02	inactive	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	Standing water and heavy vegetation at outfall.
SC3-OUT2	PVC	12"		SC	ZC & BB	6/30/2016	6/26/2016	0.7	inactive	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	Gravel and dirt in pipe; overgrown



## 2016 Outfall Monitoring

ID	Material	Size	Location	Structure	Construction	Start Date	End Date	Flow	Status	Parameter 1	Parameter 2	Parameter 3	Parameter 4	Parameter 5	Parameter 6	Parameter 7	Parameter 8	Parameter 9	Parameter 10	Parameter 11	Parameter 12	Notes		
SC3-OUT3	PVC	12"		SC																				
SC3-OUT4	CONC	18"		SC	ZC & BB	6/30/2016	6/26/2016	0.7	inactive	na	na	na	na	na	na	na	na	na	na	na	na	na	5	Could not enter culvert, assumed inactive; 5 in. of water in culvert.
SC3-OUT5	CONC	60"	I-43, EAST OF MENARDS	SC	ZC & BB	8/10/2016	8/5/2016	0.02	Active	8	0.3	0	0	0	clear	none	none	none	none	<2 ft/s	7		Fluoride: 0.6 Moderate overgrowth, aquatic vegetation.	
SC3-OUT6	PVC	15"	I-TEC DRIVE AND CALUMENT AVE	SC	ZC & BB	6/30/2016	6/26/2016	0.7	inactive	na	na	na	na	na	na	na	na	na	na	na	na	na		Grass clippings in outlet pipe.
SC3-OUT7	CONC	18"		SC	ZC & BB	6/30/2016	6/26/2016	0.7	inactive	na	na	na	na	na	na	na	na	na	na	na	na	1		Soil and rocks in pipe.
SC4-OUT1	CONC	30"		SC	ZC & BB	7/5/2016	6/30/2016	1	inactive	na	na	na	na	na	na	na	na	na	na	na	na	na		
SC4-OUT2	CONC	48"	I-43 INDUSTRIAL PARK VITS DRIVE POND OUTFALL	SC	ZC & BB	7/5/2016	6/30/2016	1	inactive	na	na	na	na	na	na	na	na	na	na	na	na	na		Excessive brush and small trees around outfall.
SC5-OUT1	CONC	30"		SILVER CREEK	ZC & BB	7/5/2016	6/30/2016	1	inactive	na	na	na	na	na	na	na	na	na	na	na	na	na		Dirt and vegetation partially blocking pipe.
SC6-OUT1	CONC	30"		SC	ZC & BB	7/5/2016	6/30/2016	1	inactive	na	na	na	na	na	na	na	na	na	na	na	na	1		Mud layer at outfall
SC7-OUT1	CONC	27"		SC	ZC & BB	8/10/2016	8/5/2016	0.02	inactive	na	na	na	na	na	na	na	na	na	na	na	na	na		Outfall is overgrown, there is mud in the bottom of the pipe.
SC7-OUT2	CONC	36"	FESSLER DRIVE POND INFLOW PIPE	SILVER CREEK	ZC & BB	7/5/2016	6/30/2016	1	inactive	na	na	na	na	na	brown	na	na	na	na	na	na	4		
SL1-OUT1	CONC	42"	SILVERIDGE SUBDIVISON INTO POND FOREBAY	SL	ZC & BB	8/10/2016	8/5/2016	0.02	Active	7.51	0	0	0	0	clear	none	slight	slight	slight	<2 ft/s	2		Fluoride: 0.4	

# Attachment C

2016 Illicit Discharge Activities

No.	Date	Location	Summary	Action Taken	WDNR notified	Status	Staff
1	1/11/2016	Maple leaf Court	responded to a complaint of mud in the road. Mud was cleaned up by time of arrival.	Spoke to contractor	NO	Closed	Matt
2	3/2/2016	Kerry Inc., 1226 S. Water Street	Black ash covering snow around plant	Spoke to owner	NO	Closed	Chad
3	3/15/2016	436 N. 6th street	Vehicle leaking oil onto street	letter sent to building owner, spoke to Jeremy Sehloff(owner) he place a note in all residents mailbox's	NO	Closed	Matt
4	3/29/2016	W. Custer St., west of Red Arrow and Michigan Ave across from River Crew School	The farm fields discharged a bunch of mud into the street	City Crews cleaned it up	NO	Closed	Matt
5	3/30/2016	1613 S. 16th Street	Yard debris placed in the street	Spoke to him and gave him a door hanger notice	NO	Closed	Matt
6	4/1/2016	702 York Street	Sediment in street from landscaping	Spoke to building owner and sent a letter	NO	Closed	Matt
7	4/20/2016	527 N. 10th St.	Fire Co. was power washing grease filters in the street and storm sewer.	Talked to them and sent them a letter	NO	Closed	Matt
8	5/13/2016	909 Lawton Terrace	Vehicle leaking oil onto street	Litter Sent	NO	Closed	Matt
9	5/26/2016	Granger Rd between N. 21st and N. 23rd St	Paint leaking out of garbage hauler	Street sweeper cleaned up the wet material	NO	Closed	Matt
10	6/13/2016	Kerry Inc. 1226 Water Street	Cracked PVC Pipe leaked oil into storm sewer and the Manitowoc River	Veolia cleaned it up and the pipe was fixed	YES	Remediation in progress	DNR
11	6/14/2016	N. 18th St at Michigan Ave	Cement powder spilled	City Crews cleaned it up	NO	Closed	Matt
12	6/11/2016	Shady Lane	Sanitary Sewer Backed up in Manhole and leaked in to the street and storm sewer	Cleaned grease from line	YES	Closed	Matt/Bill
13	6/23/2016	N. 18th St. at Michigan Ave	Cement powder spilled	Contacted St Mary's Cement. They talked to the responsible driver. City crews cleaned it	NO	Closed	Matt/Sue
14	7/26/2016	Harvey, 1610 N 8th Street	gravel eroded into street	Contacted Harvey and told to clean it up, sent letter	No	Closed	Matt
15	6/28/2016	Artist Loft Apts, 2408 Franklin Street	Eagle Drywall LLC washed plaster into inlet	They cleaned it up and the City sent the owner a letter	NO	Closed	Matt
16	7/12/2016	Franklin street from S. 16th to S. 26th St.	unidentified truck spilled diesel in random spots on the road	Fire dept. and City crews place oil dry and sweep it up	NO	Closed	Randy
17	9/16/2016	1716 Philippen St.	Man dumped gas out of lawn mower into the street	Fire Dept. cleaned it up and a letter was sent to the owner	NO	Closed	Matt
18	10/28/2016	Huron St. at N 9th St.	Grease dumped in storm inlet	responsible party was not found, city cleaned it up	NO	Closed	Matt
19							

# Attachment D



City of Manitowoc  
2017 Capital Allocation Recommendation  
Borrowing Amount and Budget Line Information

	REQUESTS	OTHER FUNDING	% OF other funding	NET REQUEST
DPI	Transit - Replace two HD Diesel Buses	768,000	80.0%	\$192,000
DPI	Storm - S. 10TH ST. - Manitou To Viebahn St.	\$50,000	0.0%	\$50,000
DPI	Storm - Blue Rail Beach - Storm Sewer Realignment	62,500	50.0%	\$62,500
DPI	Sidewalk - Concrete - Remove & Replace Program	\$100,000	0.0%	\$100,000
Mayor	Quiet Zone Study - Rail Trails	\$30,000	0.0%	\$30,000
Mayor	MMT Bus Map Update	\$16,000	0.0%	\$16,000
Fire	Concrete - S. 10TH ST. - Manitou To Viebahn St.	\$475,000	0.0%	\$475,000
Fire	Concrete - Slab Replacement - Various Locations	\$115,000	0.0%	\$115,000
DPI	Concrete - S. 35th St. - Calumet Ave. To 180 Feet South	\$120,750	0.0%	\$120,750
DPI	Asphalt - Alley Bounded By N. 7th, N. 8th, Reed Ave., Magnolia Ave.	\$57,500	0.0%	\$57,500
DPI	Asphalt - S. 10th St. - Dewey to Manitou St.	\$25,000	0.0%	\$25,000
DPI	Asphalt - Edgewood Ln. - 140' W. Of Brookfield To W. Custer	\$103,500	0.0%	\$103,500
Mayor	Asphalt - Springhill Drive - Woodlawn Dr. To West	\$165,000	0.0%	\$165,000
DPI	Pavement Marking - Annual Program (Epoxy Paint)	\$75,000	20.0%	\$60,000
DPI	Lift Bridge - 10th St. Br. - Plans & Specs for Repainting	\$90,000	0.0%	\$90,000
DPI	Gravel Pit - Hecker Road	\$750,000	0.0%	\$750,000
Mayor	Blight Housing Restoration Program	\$200,000	0.0%	\$200,000
Mayor	B & G - Marina - Repair And Paint Admin. Bldg.	\$32,000	0.0%	\$32,000
DPI	B & G - Marina Dock Deck Replacement - Docks A, B, C & D	\$184,000	47.8%	\$96,000
DPI	Parks - Dewey St. Park - ADA Playground - Phase II	\$89,230	16.8%	\$74,230
DPI	Silver Creek Park - Fieldhouse Renovations	\$250,000	0.0%	\$250,000
DPI	Parks - Citizen Park Restore 3 Tennis Courts 2 Basketball Courts	\$200,000	50.0%	\$100,000
DPI	Red Arrow Beach Entertainment Stage	\$135,000	50.0%	\$67,500
DPI	Parks - Lower Henry Schuette Park - Trail Restoration	\$50,000	0.0%	\$50,000
Mayor	ADA Compliant Access at Blue Rail Beach	\$9,000	0.0%	\$9,000
Mayor	Mariner's Trail Upgrades	\$40,000	0.0%	\$40,000
Mayor	Parking Structure Study	\$300,000	0.0%	\$300,000
Mayor	Phone System	\$180,000	0.0%	\$180,000
DPI	Stretchier Replacement - Power cots (5)	\$86,290	66.7%	\$28,763
DPI	Extrication Equipment	\$42,410	1.2%	\$41,895
DPI	Fleet - #92 Loader - Replace 1991 Loader	\$280,000	8.9%	\$255,000
DPI	Fleet - #159 - Replace 1979 Snowblower Model MP-3D	\$150,000	34.7%	\$98,000
DPI	Parks - Replace #681 Trackless MT5 4x4 (2000)	\$110,000	5.5%	\$104,000
ELF	End of Life Funding	4700	19100	581900
				\$99,362
				\$4,438,000



## EPA Funding Information

FUNDS	FORMER AWARD	THIS ACTION	AMENDED TOTAL
EPA Amount This Action	\$	\$ 167,603	\$ 167,603
EPA In-Kind Amount	\$	\$	\$ 0
Unexpended Prior Year Balance	\$	\$	\$ 0
Other Federal Funds	\$	\$	\$ 0
Recipient Contribution	\$	\$ 167,634	\$ 167,634
State Contribution	\$	\$ 0	\$ 0
Local Contribution	\$	\$ 0	\$ 0
Other Contribution	\$	\$	\$ 0
Allowable Project Cost	\$ 0	\$ 335,237	\$ 335,237

Assistance Program (CFDA)	Statutory Authority	Regulatory Authority
66.469 - Great Lakes Program	Consolidated and Further Continuing Appropriations Act 2015 Public Law 113-235	2 CFR 200 2 CFR 1500 and 40 CFR 33

Fiscal									
Site Name	Req No	FY	Approp. Code	Budget Organization	PRC	Object Class	Site/Project	Cost Organization	Obligation / Deobligation
-	1605HDX072	1516	B	05HCG	202BJ7XF3	4116			167,603
									167,603



# ENGINEERING DEPARTMENT

## STORMWATER MANAGEMENT - 2017 BUDGET

Account Number	Description	Budget Amount	Description
1100-32325-424790	OTHER CONS. & DEV. OF NAT RES	0.00	
1100-32325-435400	STORMWATER PERMITS	3,000.00	Stormwater Permits
1100-32325-516230	SAFETY SHOE ALLOWANCE	50.00	
1100-32325-521500	ARCHITECTURAL AND ENGINEERING	7,000.00	Grant Prep, Wetland Delineation, Soil Boring & Testing
1100-32325-522100	WATER	1,300.00	
1100-32325-522500	TELEPHONE	300.00	
1100-32325-523600	STORMWATER MGT STREETS MAINT	20,000.00	Rental of Slope Mower, Rip Rap Prairie Maintenance
1100-32325-523602	ILLICIT DISCHARGE PROGRAM	2,500.00	Test Kits, Program Updates
1100-32325-527300	SOFTWARE MAINTENANCE & SUPPORT	0.00	
1100-32325-527500	LANDFILL SERVICE	55,000.00	Landfill tipping fee to Manitowoc County (Requested \$60,000 for 2016)
1100-32325-531200	OTHER OFFICE SUPPLIES	0.00	
1100-32325-531300	PRINTING/DUPLICATING SERVICE	500.00	ECSM Permits, Brochures, Door Hangers
1100-32325-532400	MEMBERSHIP DUES	8,350.00	NEWSC, MS4 Permit
1100-32325-532500	REGISTRATION FEES AND TUITION	1,500.00	Training for Engineering/Stormwater Technician
1100-32325-532610	EMPLOYMENT ADVERTISING	0.00	
1100-32325-532630	PUBLIC EDUCATION	500.00	Park Signs, Public Notices, Ed Program
1100-32325-532900	OTHER PUBLICATIONS,SUBSCRIP. &	0.00	
1100-32325-533500	MEALS	50.00	
1100-32325-533600	LODGING	100.00	
1100-32325-535100	VEHICLE & EQUIPMENT FUEL	500.00	Adjusted based on history, #5 Stormwater Vehicle

# General Ledger

## Budget Status

User: sbirr  
 Printed: 1/24/2017 - 9:00 AM  
 Period: 1, 2017

Account Number	Description	Budget Amount	Period Amount	YTD Amount	YTD Var	Encumbered Amount	Available	% Available
Fund 1100	GENERAL FUND							
Dept 1100-32325	STORMWATER ADMINISTRATIO							
R20	Intergov Grants and Aid							
1100-32325-424790	OTHER CONS. & DEV. OF NAT R	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	R20 Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
R40	Fines and Forfeitures							
1100-32325-435400	STORMWATER PERMITS	3,000.00	0.00	0.00	3,000.00	0.00	3,000.00	100.00
	R40 Sub Totals:	3,000.00	0.00	0.00	3,000.00	0.00	3,000.00	100.00
R50	Public Charges for Ser							
1100-32325-454700	ENGINEERING SERVICES	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100-32325-454910	DPW LABOR CHARGES	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100-32325-454920	DPW EQUIPMENT CHARGES	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	R50 Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Revenue Sub Totals:	3,000.00	0.00	0.00	3,000.00	0.00	3,000.00	100.00
E10	Personnel Services							
1100-32325-511100	SALARIES AND WAGES-REGUL.	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100-32325-511200	SALARIES AND WAGES-OVERTI	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100-32325-511500	SALARIES-TEMP EMPLOYEES-RE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100-32325-513700	RETIREMENT/TERMINATION PA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100-32325-515100	SOCIAL SECURITY	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100-32325-515200	RETIREMENT (EMPLOYER'S SH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100-32325-515300	RETIREMENT (EMPLOYEES' SH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100-32325-515400	HEALTH INSURANCE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100-32325-515600	WORKERS COMPENSATION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100-32325-516230	SAFETY SHOE ALLOWANCE	50.00	0.00	0.00	50.00	0.00	50.00	100.00
	E10 Sub Totals:	50.00	0.00	0.00	50.00	0.00	50.00	100.00
E20	Contractual Services							
1100-32325-521500	ARCHITECTURAL AND ENGINE	7,000.00	0.00	0.00	7,000.00	0.00	7,000.00	100.00
1100-32325-522100	WATER	1,300.00	0.00	0.00	1,300.00	0.00	1,300.00	100.00
1100-32325-522500	TELEPHONE	300.00	18.03	18.03	281.97	0.00	281.97	93.99

Account Number	Description	Budget Amount	Period Amount	YTD Amount	YTD Var	Encumbered Amount	Available	% Available
1100-32325-523600	STORMWATER MGT STREETS M	20,000.00	0.00	0.00	20,000.00	0.00	20,000.00	100.00
1100-32325-523602	ILLICIT DISCHARGE PROGRAM	2,500.00	0.00	0.00	2,500.00	0.00	2,500.00	100.00
1100-32325-527300	SOFTWARE MAINTENANCE & S	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100-32325-527500	LANDFILL SERVICE	55,000.00	0.00	0.00	55,000.00	0.00	55,000.00	100.00
1100-32325-528100	PROJECT COSTS BY OTHER DEI	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	E20 Sub Totals:	86,100.00	18.03	18.03	86,081.97	0.00	86,081.97	99.98
E30	Supplies and Expense							
1100-32325-531200	OTHER OFFICE SUPPLIES	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100-32325-531300	PRINTING/DUPLICATING SERVI	500.00	0.00	0.00	500.00	0.00	500.00	100.00
1100-32325-532400	MEMBERSHIP DUES	8,350.00	0.00	0.00	8,350.00	0.00	8,350.00	100.00
1100-32325-532500	REGISTRATION FEES AND TUIT	1,500.00	0.00	0.00	1,500.00	0.00	1,500.00	100.00
1100-32325-532610	EMPLOYMENT ADVERTISING	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100-32325-532630	PUBLIC EDUCATION	500.00	0.00	0.00	500.00	0.00	500.00	100.00
1100-32325-532900	OTHER PUBLICATIONS,SUBSCR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100-32325-533500	MEALS	50.00	0.00	0.00	50.00	0.00	50.00	100.00
1100-32325-533600	LODGING	100.00	0.00	0.00	100.00	0.00	100.00	100.00
1100-32325-535100	VEHICLE & EQUIPMENT FUEL	500.00	0.00	0.00	500.00	0.00	500.00	100.00
	E30 Sub Totals:	11,500.00	0.00	0.00	11,500.00	0.00	11,500.00	100.00
E50	Fixed Charges							
1100-32325-553350	ISF EQUIPMENT RENTAL CHGS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	E50 Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Expense Sub Totals:	97,650.00	18.03	18.03	97,631.97	0.00	97,631.97	99.98
	Dept 32325 Sub Totals:	94,650.00	18.03	18.03	94,631.97	0.00		
	Fund Revenue Sub Totals:	3,000.00	0.00	0.00	3,000.00	0.00	3,000.00	100.00
	Fund Expense Sub Totals:	97,650.00	18.03	18.03	97,631.97	0.00	97,631.97	99.98
	Fund 1100 Sub Totals:	94,650.00	18.03	18.03	94,631.97	0.00		
Fund 4200	SANITARY AND STORM SEWER:							
Dept 4200-32325	STORMWATER ADMINISTRATIO							
R20	Intergov Grants and Aid							
4200-32325-424790	OTHER CONS. & DEV. OF NAT R	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	R20 Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
R80	Misc Revenues							
4200-32325-484100	DONATIONS & CONTRIBUTION:	0.00	0.00	0.00	0.00	0.00	0.00	0.00

*↳ CAPITAL MONEY*

Account Number	Description	Budget Amount	Period Amount	YTD Amount	YTD Var	Encumbered Amount	Available	% Available
R90	R80 Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Other Financing Sources							
4200-32325-491100	BONDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4200-32325-491200	NOTES	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4200-32325-492400	TRANSFER FROM CAPITAL PRJ	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4200-32325-493100	FUND BALANCE APPLIED	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	R90 Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Revenue Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E20	Contractual Services							
4200-32325-521500	ARCHITECTURAL AND ENGINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4200-32325-526200	BOND ISSUANCE COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	E20 Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E30	Supplies and Expense							
4200-32325-532600	ADVERTISING	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	E30 Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E80	Capital Outlay							
4200-32325-582100	LAND ACQUISITION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4200-32325-582350	SOIL BORINGS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4200-32325-582550	STORMWATER PONDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	E80 Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E90	Transfer to Other Funds							
4200-32325-592400	TRANSFER TO CAPITAL PROJ FI	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	E90 Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Expense Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Dept 32325 Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Fund Revenue Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Fund Expense Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Fund 4200 Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TIF #9							

Account Number	Description	Budget Amount	Period Amount	YTD Amount	YTD Var	Encumbered Amount	Available	% Available
E80 4409-32325-582550	Capital Outlay STORMWATER PONDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	E80 Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Expense Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Dept 32325 Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Fund Revenue Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Fund Expense Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fund 4412 Dept 4412-32325 E80 4412-32325-582550	Fund 4409 Sub Totals: TIF #12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Capital Outlay STORMWATER PONDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	E80 Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Expense Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Dept 32325 Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Fund Revenue Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Fund Expense Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fund 4417 Dept 4417-32325 E80 4417-32325-582550	Fund 4412 Sub Totals: TIF #17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Capital Outlay STORMWATER PONDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	E80 Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Expense Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Dept 32325 Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Fund Revenue Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Account Number	Description	Budget Amount	Period Amount	YTD Amount	YTD Var	Encumbered Amount	Available	% Available
	Fund Expense Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Fund 4417 Sub Totals:	0.00	0.00	0.00	0.00	0.00		
	Revenue Totals:	3,000.00	0.00	0.00	3,000.00	0.00	3,000.00	100.00
	Expense Totals:	97,650.00	18.03	18.03	97,631.97	0.00	97,631.97	99.98
	Report Totals:	94,650.00	18.03	18.03	94,631.97	0.00		

# ENGINEERING DEPARTMENT

## Stormwater Management - 2016 Budget

Account Number	Account Description		Description
1100-32325-424790	OTHER CONS. & DEV. OF NAT RES	\$0.00	
1100-32325-435400	STORMWATER PERMITS	\$2,400.00	Stormwater Permits
1100-32325-454700	ENGINEERING SERVICES	\$0.00	
1100-32325-511100	SALARIES AND WAGES-REGULAR	\$168,429.00	Streetsweeping, Stormwater Aide, Pond Maintenance, DPW Labor Spring & Fall Brush Pickup, Cleaning Inlets & Catch Basins
1100-32325-511200	SALARIES AND WAGES-OVERTIME	\$1,000.00	
1100-32325-511500	SALARIES-TEMP EMPLOYEES-REGULAR	\$2,500.00	Outfall Testing/Stormwater related surveying
1100-32325-515100	SOCIAL SECURITY	\$12,719.00	
1100-32325-515200	RETIREMENT (EMPLOYER'S SHARE)	\$11,515.00	
1100-32325-515300	RETIREMENT (EMPLOYEES' SHARE)	\$0.00	
1100-32325-515400	HEALTH INSURANCE	\$50,886.00	
1100-32325-516230	SAFETY SHOE ALLOWANCE	\$50.00	
1100-32325-521500	ARCHITECTURAL AND ENGINEERING	\$5,000.00	Grant Prep; Wetland Deliniation, Soil Boring & Testing
1100-32325-522100	WATER	\$1,300.00	
1100-32325-523600	STORMWATER MGT STREETS MAINT	\$20,000.00	Rental of Slope Mower, Rip Rap, Prairie Maintenance
1100-32325-523602	ILLCIT DISCHARGE PROGRAM	\$2,500.00	Test Kits, Program Updates
1100-32325-527300	SOFTWARE MAINTENANCE & SUPPORT	\$0.00	SLAMM/WINDET software maintenance
1100-32325-527500	LANDFILL SERVICE	\$60,000.00	Landfill tipping fee to Manitowoc County (Requested \$50,000 for 2014)
1100-32325-531200	OTHER OFFICE SUPPLIES	\$0.00	
1100-32325-531300	PRINTING/DUPLICATING SERVICE	\$500.00	ECSM Permits; Brochures; Door Hangers
1100-32325-532400	MEMBERSHIP DUES	\$8,100.00	NEWSC, MS4 Permit
1100-32325-532500	REGISTRATION FEES AND TUITION	\$1,500.00	Training for Engineering/Stormwater Tech
1100-32325-532610	EMPLOYMENT ADVERTISING	\$0.00	
1100-32325-532630	PUBLIC EDUCATION	\$500.00	Park Signs; Public Notices; Ed Program
1100-32325-532900	OTHER PUBLICATIONS,SUBSCRIP. &	\$0.00	
1100-32325-533500	MEALS	\$50.00	
1100-32325-533600	LODGING	\$100.00	
1100-32325-535100	VEHICLE & EQUIPMENT FUEL	\$500.00	Adjusted based on history, #5 Stormwater Vehicle
1100-32325-553350	ISF EQUIPMENT RENTAL CHGS	\$200,000.00	#5 Vehicle Lease/Maint; DPW Street Sweeper/Stormsewer Maintenance

# General Ledger

## Budget Status

User: klynch

Printed: 1/27/2017 - 10:18 AM

Period: 1 to 12, 2016



Account Number	Description	Budget Amount	Period Amount	YTD Amount	YTD Var	Encumbered Amount	Available	% Available
Fund 4200	SANITARY AND STORM SEWER							
Dept 4200-32325	STORMWATER ADMINISTRATIO							
R20	Intergov Grants and Aid							
4200-32325-424790	OTHER CONS. & DEV. OF NAT R	0.00	0.00	0.00	0.00	0.00	0.00	0.00
R20 Sub Totals:		0.00	0.00	0.00	0.00	0.00	0.00	0.00
R80	Misc Revenues							
4200-32325-484100	DONATIONS & CONTRIBUTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
R80 Sub Totals:		0.00	0.00	0.00	0.00	0.00	0.00	0.00
R90	Other Financing Sources							
4200-32325-491100	BONDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4200-32325-491200	NOTES	15,000.00	15,000.00	15,000.00	0.00	0.00	0.00	0.00
4200-32325-492400	TRANSFER FROM CAPITAL PRJ	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4200-32325-493100	FUND BALANCE APPLIED	0.00	0.00	0.00	0.00	0.00	0.00	0.00
R90 Sub Totals:		15,000.00	15,000.00	15,000.00	0.00	0.00	0.00	0.00
Revenue Sub Totals:		15,000.00	15,000.00	15,000.00	0.00	0.00	0.00	0.00
E20	Contractual Services							
4200-32325-521500	ARCHITECTURAL AND ENGINE	15,000.00	9,278.48	9,278.48	5,721.52	0.00	5,721.52	38.14
4200-32325-526200	BOND ISSUANCE COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E20 Sub Totals:		15,000.00	9,278.48	9,278.48	5,721.52	0.00	5,721.52	38.14
E30	Supplies and Expense							
4200-32325-532600	ADVERTISING	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E30 Sub Totals:		0.00	0.00	0.00	0.00	0.00	0.00	0.00
E80	Capital Outlay							
4200-32325-582100	LAND ACQUISITION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4200-32325-582350	SOIL BORINGS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4200-32325-582550	STORMWATER PONDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E80 Sub Totals:		0.00	0.00	0.00	0.00	0.00	0.00	0.00



# General Ledger

## Budget Status

User: klynch

Printed: 1/27/2017 - 10:17 AM

Period: 1 to 12, 2016



Account Number	Description	Budget Amount	Period Amount	YTD Amount	YTD Var	Encumbered Amount	Available	% Available
Fund 1100	GENERAL FUND							
Dept 1100-32325	STORMWATER ADMINISTRATIO							
R20	Intergov Grants and Aid							
1100-32325-424790	OTHER CONS. & DEV. OF NAT R	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	R20 Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
R40	Fines and Forfeitures							
1100-32325-435400	STORMWATER PERMITS	2,400.00	3,370.00	3,370.00	-970.00	0.00	-970.00	0.00
	R40 Sub Totals:	2,400.00	3,370.00	3,370.00	-970.00	0.00	-970.00	0.00
R50	Public Charges for Ser							
1100-32325-454700	ENGINEERING SERVICES	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100-32325-454910	DPW LABOR CHARGES	0.00	33.09	33.09	-33.09	0.00	-33.09	0.00
1100-32325-454920	DPW EQUIPMENT CHARGES	0.00	66.95	66.95	-66.95	0.00	-66.95	0.00
	R50 Sub Totals:	0.00	100.04	100.04	-100.04	0.00	-100.04	0.00
	Revenue Sub Totals:	2,400.00	3,470.04	3,470.04	-1,070.04	0.00	-1,070.04	0.00
E10	Personnel Services							
1100-32325-511100	SALARIES AND WAGES-REGUL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100-32325-511200	SALARIES AND WAGES-OVERTI	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100-32325-511500	SALARIES-TEMP EMPLOYES-RI	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100-32325-513700	RETIREMENT/TERMINATION PA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100-32325-515100	SOCIAL SECURITY	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100-32325-515200	RETIREMENT (EMPLOYER'S SH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100-32325-515300	RETIREMENT (EMPLOYEES' SH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100-32325-515400	HEALTH INSURANCE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100-32325-516230	SAFETY SHOE ALLOWANCE	50.00	50.00	50.00	0.00	0.00	0.00	0.00
	E10 Sub Totals:	50.00	50.00	50.00	0.00	0.00	0.00	0.00
E20	Contractual Services							
1100-32325-521500	ARCHITECTURAL AND ENGINE	5,000.00	5,407.55	5,407.55	-407.55	0.00	-407.55	0.00
1100-32325-522100	WATER	1,300.00	1,302.36	1,302.36	-2.36	0.00	-2.36	0.00
1100-32325-522500	TELEPHONE	0.00	670.04	670.04	-670.04	0.00	-670.04	0.00
1100-32325-523600	STORMWATER MGT STREETS M	20,000.00	8,834.93	8,834.93	11,165.07	0.00	11,165.07	55.83

Account Number	Description	Budget Amount	Period Amount	YTD Amount	YTD Var	Encumbered Amount	Available	% Available
1100-32325-523602	ILLICIT DISCHARGE PROGRAM	2,500.00	300.24	300.24	2,199.76	0.00	2,199.76	87.99
1100-32325-527300	SOFTWARE MAINTENANCE & S	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100-32325-527500	LANDFILL SERVICE	60,000.00	44,742.61	44,742.61	15,257.39	0.00	15,257.39	25.43
1100-32325-528100	PROJECT COSTS BY OTHER DEI	0.00	525,942.98	525,942.98	-525,942.98	0.00	-525,942.98	0.00
	<b>E20 Sub Totals:</b>	<b>88,800.00</b>	<b>587,200.71</b>	<b>587,200.71</b>	<b>-498,400.71</b>	<b>0.00</b>	<b>-498,400.71</b>	<b>0.00</b>
E30	Supplies and Expense							
1100-32325-531200	OTHER OFFICE SUPPLIES	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100-32325-531300	PRINTING/DUPLICATING SERVI	500.00	243.71	243.71	256.29	0.00	256.29	51.26
1100-32325-532400	MEMBERSHIP DUES	8,100.00	8,100.00	8,100.00	0.00	0.00	0.00	0.00
1100-32325-532500	REGISTRATION FEES AND TUIT	1,500.00	760.00	760.00	740.00	0.00	740.00	49.33
1100-32325-532610	EMPLOYMENT ADVERTISING	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100-32325-532630	PUBLIC EDUCATION	500.00	0.00	0.00	500.00	0.00	500.00	100.00
1100-32325-532900	OTHER PUBLICATIONS,SUBSCR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100-32325-533500	MEALS	50.00	0.00	0.00	50.00	0.00	50.00	100.00
1100-32325-533600	LODGING	100.00	0.00	0.00	100.00	0.00	100.00	100.00
1100-32325-535100	VEHICLE & EQUIPMENT FUEL	500.00	300.71	300.71	199.29	0.00	199.29	39.86
	<b>E30 Sub Totals:</b>	<b>11,250.00</b>	<b>9,404.42</b>	<b>9,404.42</b>	<b>1,845.58</b>	<b>0.00</b>	<b>1,845.58</b>	<b>16.41</b>
E50	Fixed Charges							
1100-32325-553350	ISF EQUIPMENT RENTAL CHGS	200,000.00	165.28	165.28	199,834.72	0.00	199,834.72	99.92
	<b>E50 Sub Totals:</b>	<b>200,000.00</b>	<b>165.28</b>	<b>165.28</b>	<b>199,834.72</b>	<b>0.00</b>	<b>199,834.72</b>	<b>99.92</b>
	<b>Expense Sub Totals:</b>	<b>300,100.00</b>	<b>596,820.41</b>	<b>596,820.41</b>	<b>-296,720.41</b>	<b>0.00</b>	<b>-296,720.41</b>	<b>0.00</b>
	<b>Dept 32325 Sub Totals:</b>	<b>297,700.00</b>	<b>593,350.37</b>	<b>593,350.37</b>	<b>-295,650.37</b>	<b>0.00</b>	<b>-295,650.37</b>	<b>0.00</b>
	<b>Fund Revenue Sub Totals:</b>	<b>2,400.00</b>	<b>3,470.04</b>	<b>3,470.04</b>	<b>-1,070.04</b>	<b>0.00</b>	<b>-1,070.04</b>	<b>0.00</b>
	<b>Fund Expense Sub Totals:</b>	<b>300,100.00</b>	<b>596,820.41</b>	<b>596,820.41</b>	<b>-296,720.41</b>	<b>0.00</b>	<b>-296,720.41</b>	<b>0.00</b>
	<b>Fund 1100 Sub Totals:</b>	<b>297,700.00</b>	<b>593,350.37</b>	<b>593,350.37</b>	<b>-295,650.37</b>	<b>0.00</b>	<b>-295,650.37</b>	<b>0.00</b>
	<b>Revenue Totals:</b>	<b>2,400.00</b>	<b>3,470.04</b>	<b>3,470.04</b>	<b>-1,070.04</b>	<b>0.00</b>	<b>-1,070.04</b>	<b>0.00</b>
	<b>Expense Totals:</b>	<b>300,100.00</b>	<b>596,820.41</b>	<b>596,820.41</b>	<b>-296,720.41</b>	<b>0.00</b>	<b>-296,720.41</b>	<b>0.00</b>
	<b>Report Totals:</b>	<b>297,700.00</b>	<b>593,350.37</b>	<b>593,350.37</b>	<b>-295,650.37</b>	<b>0.00</b>	<b>-295,650.37</b>	<b>0.00</b>

Account Number	Description	Budget Amount	Period Amount	YTD Amount	YTD Var	Encumbered Amount	Available	% Available
E90	Transfer to Other Funds							
4200-32325-592400	TRANSFER TO CAPITAL PROJ FI	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	E90 Sub Totals:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Expense Sub Totals:	15,000.00	9,278.48	9,278.48	5,721.52	0.00	5,721.52	38.14
	Dept 32325 Sub Totals:	0.00	-5,721.52	-5,721.52	5,721.52	0.00		
	Fund Revenue Sub Totals:	15,000.00	15,000.00	15,000.00	0.00	0.00	0.00	0.00
	Fund Expense Sub Totals:	15,000.00	9,278.48	9,278.48	5,721.52	0.00	5,721.52	38.14
	Fund 4200 Sub Totals:	0.00	-5,721.52	-5,721.52	5,721.52	0.00		
	Revenue Totals:	15,000.00	15,000.00	15,000.00	0.00	0.00	0.00	0.00
	Expense Totals:	15,000.00	9,278.48	9,278.48	5,721.52	0.00	5,721.52	38.14
	Report Totals:	0.00	-5,721.52	-5,721.52	5,721.52	0.00		



Equipment  
E - Equipment

E - Equipment Totals: 1.5000 41.7000 0.00 41.7000

Labor  
L - Labor

L - Labor Totals: 5.0000 113.4500 39.69 153.1400

Work Order 0000921 Totals:

155.1500 39.69 194.8400

*S-10TN ST POND*

Work Order: 0000922  
Labor

L - Labor

L - Labor Totals: 3.0000 74.3700 26.02 100.3900

Work Order 0000922 Totals:

74.3700 26.02 100.3900

*RAPIAS RD POND*

Work Order: 0000923  
Labor

L - Labor

L - Labor Totals: 2.5000 61.5800 21.55 83.1300

Work Order 0000923 Totals:

61.5800 21.55 83.1300

*CLAY P.T*

Work Order: 0000924  
Labor

L - Labor

L - Labor Totals: 3.0000 76.3500 26.73 103.0800

Work Order 0000924 Totals:

76.3500 26.73 103.0800

*DEWEY*

Work Order: 0000925  
Labor

L - Labor

L - Labor Totals: 2.0000 49.7400 17.41 67.1500

Work Order 0000925 Totals:

49.7400 17.41 67.1500

*UITS*

Work Order: 0000928  
Labor

L - Labor

L - Labor Totals: 1.0000 25.4500 8.91 34.3600

Work Order 0000928 Totals:

25.4500 8.91 34.3600

*PUBLIC ED*

Work Order: 0000930  
Labor

L - Labor

L - Labor Totals: 15.0000 378.8500 132.60 511.4500

Work Order 0000930 Totals:

378.8500 132.60 511.4500

*ILLICIT DISCHARGE*

Work Order: 0000932  
Labor

L - Labor

L - Labor Totals: 40.0000 995.9600 348.59 1,344.5500

Work Order 0000932 Totals:

348.59 995.9600 1,344.5500

*ENG CONST PLO*

Work Order: 0000933  
Labor

L - Labor

L - Labor Totals: 84.0000 2,102.4300 735.84 2,838.2700

Work Order 0000933 Totals:

735.84 2,102.4300 2,838.2700

*ENG POST CONST*

Work Order: 0000934  
Labor

L - Labor

L - Labor Totals: 49.0000 1,237.7700 433.22 1,670.9900

Work Order 0000934 Totals:

433.22 1,237.7700 1,670.9900

*ENG POST CONST*

Work Order: 0000935  
Labor

L - Labor

L - Labor Totals: 94.7500 2,380.0800 833.06 3,213.1400

Work Order 0000935 Totals:

833.06 2,380.0800 3,213.1400

*ENG STORM WATER QUANTITY*

Work Order: 0000936  
Labor

L - Labor

L - Labor Totals: 65.5000 1,653.6400 578.78 2,232.4200

Work Order 0000936 Totals:

578.78 1,653.6400 2,232.4200

*ENG STORM MAP*

Work Order: 0000937  
Labor

L - Labor

L - Labor Totals: 7.0000 174.0900 60.93 235.0200

Work Order 0000937 Totals:

60.93 174.0900 235.0200

*ENG STORM WATER MAP*

Work Order: 0000939  
Labor

L - Labor

L - Labor Totals: 58.5000 1,581.9700 553.70 2,135.6700

Work Order 0000939 Totals:

553.70 1,581.9700 2,135.6700

*ENG SEASONAL ILLICIT*

Work Order: 0000942  
Labor

L - Labor

L - Labor Totals: 58.5000 1,581.9700 553.70 2,135.6700

Work Order 0000942 Totals:

553.70 1,581.9700 2,135.6700

L - Labor Totals:	37.0000	402.3800	6.66	409.0400
Work Order 0000942 Totals:		402.3800	6.66	409.0400
L - Labor Totals:	4.0000	43.5100	0.72	44.2300
Work Order 0000946 Totals:		43.5100	0.72	44.2300
L - Labor Totals:	15.5000	167.7500	2.77	170.5200
Work Order 0000949 Totals:		167.7500	2.77	170.5200
L - Labor Totals:	11.0000	101.8800	1.38	103.2600
Work Order 0001133 Totals:		101.8800	1.38	103.2600
L - Labor Totals:	13.5000	134.7600	2.23	136.9900
Work Order 0001134 Totals:		134.7600	2.23	136.9900
L - Labor Totals:	1.5000	18.7500	0.31	19.0600
Work Order 0001137 Totals:		18.7500	0.31	19.0600
Report Totals:		59,302.8963	11,930.57	71,233.4663

Work Order: 0000946  
 Labor *ENG* *SEASON* *STUM*  
 L - Labor

Work Order: 0000949  
 Labor *ENG* *SEASONAL* *STRW*  
 L - Labor

Work Order: 0001133  
 Labor *ENG* *SEASONAL* *POND*  
 L - Labor

Work Order: 0001134  
 Labor *ENG* *SEASONAL* *POND*  
 L - Labor

Work Order: 0001137  
 Labor *ENG* *SEASONAL* *POND*  
 L - Labor

# Work Order LEMS Report

User: klynch  
 Printed: 01/27/2017 - 2:40PM  
 Sort Order: Work Order Number

WO Number	Line Number	Reference Code	Ref	Activity Date	Amount Per	Units	Base Amount	Overhead	Total Amount
Work Order: 0000826									
Equipment		<i>GURB + GUTTER</i>							
E - Equipment					60.5000	2,065.4000	2,065.4000	0.00	2,065.4000
Labor									
L - Labor					233.5000	4,885.1700	4,885.1700	1,709.83	6,595.0000
Materials									
M - Material									
M - Material Totals:					148.2500	134.1350	134.1350	0.00	134.1350
Work Order 0000826 Totals:						7,084.7050	7,084.7050	1,709.83	8,794.5350
Report Totals:						7,084.7050	7,084.7050	1,709.83	8,794.5350



# Work Order

## LEMS Report

User: klynch  
 Printed: 01/27/2017 - 2:38PM

Sort Order: Work Order Number

WO Number	Line Number	Reference Code	Ref	Activity Date	Amount Per	Units	Base Amount	Overhead	Total Amount
Work Order: 0000008 Labor	<i>STREET SWEEPING</i>			L - Labor Totals:	2.0000		52.2200	0.00	52.2200
Work Order: 0000714 Equipment	<i>STREET SWEEPING</i>			Work Order 0000008 Totals:			52.2200	0.00	52.2200
E - Equipment				E - Equipment Totals:	2,430.0000	126,127.9300		0.00	126,127.9300
Labor				L - Labor Totals:	17.0000	895.5000		0.00	895.5000
E - Equipment				E - Equipment Totals:	1.0000	22.6400		8.15	30.7900
L - Labor				L - Labor Totals:	3,052.2500	60,114.2000		21,641.41	81,755.6100
				Work Order 0000714 Totals:		187,160.2700		21,649.56	208,809.8300

*SEASONAL*

*STREET SWEEPING*

Work Order: 0000740  
Equipment

Labor

E - Equipment Totals:	8.5000	126.4800	0.00	126.4800
L - Labor Totals:	22.0000	186.0000	3.07	189.0700
Work Order 0000740 Totals:		312.4800	3.07	315.5500

Report Totals: 187,524.9700 21,652.63 209,177.6000

# Work Order LEMS Report

User: klynch  
 Printed: 01/27/2017 - 2:41PM  
 Sort Order: Work Order Number

WO Number	Line Number	Reference Code	Ref	Activity Date	Amount Per	Units	Base Amount	Overhead	Total Amount
Work Order: 0000722 Equipment	<i>BRUSH</i>			E - Equipment Totals:	271.0000	12,499.5100	0.00	12,499.5100	
Labor				L - Labor Totals:	375.0000	8,221.3000	2,877.52	11,098.8200	
				Work Order 0000722 Totals:		20,720.8100	2,877.52	<b>23,598.3300</b>	
Work Order: 0000723 Equipment				E - Equipment Totals:	1,855.0000	88,468.4900	0.00	88,468.4900	
Labor				L - Labor Totals:	10.5000	509.2500	0.00	509.2500	
				Work Order 0000723 Totals:		136,706.1800	16,704.95	64,433.3900	
				Work Order 0000723 Totals:		136,706.1800	16,704.95	<b>153,411.1300</b>	

*LEAVES/RAKING S*

SEASONAL BRUSH

Work Order: 0000748  
Labor

L - Labor  
L - Labor Totals: 2.5000 20.0000 0.33 20.3300  
Work Order 0000748 Totals: 20.0000 0.33 20.3300

SEASONAL LEAVES/RAKINGS

Work Order: 0000749  
Labor

L - Labor  
L - Labor Totals: 274.2500 2,194.0000 36.32 2,230.3200  
Work Order 0000749 Totals: 2,194.0000 36.32 2,230.3200

BRUSH - STORM DAMAGE

Work Order: 0001157  
Equipment

E - Equipment Totals: 588.5000 26,040.6100 0.00 26,040.6100

Labor  
L - Labor

L - Labor Totals: 7.5000 261.7500 0.00 261.7500

E - Equipment

E - Equipment Totals: 2.0000 49.5300 17.34 66.8700

L - Labor

L - Labor Totals: 1,412.5000 23,639.3300 8,273.88 31,913.2100

Work Order 0001157 Totals: 49,991.2200 8,291.22 58,282.4400

Report Totals: 209,632.2100 27,910.34 237,542.5500

# Project Management

## Task 2 Label Detail By Project Label

User: sbirr

Printed: 1/19/2017 - 3:07 PM

32325

Label	Code	Description	Amount	ALFRE	LEMS	L	PR	System	Hours	Description	Reference	Line Item Description	Revenue Amount	Expense Amount
Project Label	PONDS	STORMWATER PONDS												
	POND0002-32325	S 30TH ST POND												
			<u>Amount</u>	<u>ALFRE</u>	<u>LEMS</u>	<u>L</u>	<u>PR</u>	<u>System</u>	<u>Hours</u>	<u>Description</u>	<u>Reference</u>	<u>Line Item Description</u>	<u>Revenue Amount</u>	<u>Expense Amount</u>
06/16/2016		Expense	18.50		L	PR			2.00	33698	Bertsche	33698 Employee Gross	0.00	18.50
06/16/2016		Expense	0.27		L	PR			0.00	33698	Bertsche	33698 Employee Benefit	0.00	0.27
03/10/2016		Expense	12.44		L	PR			0.50	32813	Smits	32813 Employee Gross	0.00	12.44
03/10/2016		Expense	4.76		L	PR			0.00	32813	Smits	32813 Employee Benefit	0.00	4.76
07/13/2016		Expense	698.53		S	AP			0.00	8851	McMAHON ASSOC.	SOUTH 30TH STREET POND	0.00	698.53
09/07/2016		Expense	782.68		S	AP			0.00	8851	McMAHON ASSOC.	SOUTH 30TH STREET POND	0.00	782.68
Totals:														
													0.00	1,517.18
Budget:														
													0.00	0.00
Project Label	POND0002	S 30TH ST POND												
	POND0003-32325	S 10TH ST POND												
			<u>Amount</u>	<u>ALFRE</u>	<u>LEMS</u>	<u>L</u>	<u>PR</u>	<u>System</u>	<u>Hours</u>	<u>Description</u>	<u>Reference</u>	<u>Line Item Description</u>	<u>Revenue Amount</u>	<u>Expense Amount</u>
06/29/2016		Expense	18.50		L	PR			2.00	33698	Bertsche	33698 Employee Gross	0.00	18.50
06/29/2016		Expense	0.27		L	PR			0.00	33698	Bertsche	33698 Employee Benefit	0.00	0.27
06/16/2016		Expense	9.25		L	PR			1.00	33698	Bertsche	33698 Employee Gross	0.00	9.25
06/16/2016		Expense	0.13		L	PR			0.00	33698	Bertsche	33698 Employee Benefit	0.00	0.13
06/29/2016		Expense	4.63		L	PR			0.50	33698	Bertsche	33698 Employee Gross	0.00	4.63
06/29/2016		Expense	0.07		L	PR			0.00	33698	Bertsche	33698 Employee Benefit	0.00	0.07
03/10/2016		Expense	24.87		L	PR			1.00	32813	Smits	32813 Employee Gross	0.00	24.87
03/10/2016		Expense	9.48		L	PR			0.00	32813	Smits	32813 Employee Benefit	0.00	9.48
03/10/2016		Expense	12.44		L	PR			0.50	32813	Smits	32813 Employee Gross	0.00	12.44
03/10/2016		Expense	4.73		L	PR			0.00	32813	Smits	32813 Employee Benefit	0.00	4.73
06/29/2016		Expense	25.00		L	PR			2.00	33746	Cotter	33746 Employee Gross	0.00	25.00
06/29/2016		Expense	0.37		L	PR			0.00	33746	Cotter	33746 Employee Benefit	0.00	0.37
12/30/2016		Expense	56.96		M	AP			0.00	7750	U S BANK	FLEET FARM - TARP & EZ REACHER	0.00	56.96
07/13/2016		Expense	472.50		S	AP			0.00	8851	McMAHON ASSOC.	SOUTH 10TH STREET POND	0.00	472.50

# Project Management

## Task 2 Label Detail By Project Label

User: sbirr

Printed: 1/19/2017 - 3:07 PM

Label	Code	Description												
09/07/2016	636.38	Expense	S	AP	0.00	8851								636.38
09/28/2016	135.68	Expense	S	AP	0.00	8851								135.68
09/28/2016	638.68	Expense	S	AP	0.00	8851								638.68
Totals:														2,049.94
POND0003 S 10TH STREET POND														0.00
Budget:														0.00
POND0004 RAPIDS ROAD OUTFALL														0.00
01/28/2016	24.87	Expense	L	PR	1.00	32813								24.87
01/28/2016	3.54	Expense	L	PR	0.00	32813								3.54
Totals:														28.41
Budget:														0.00
POND0005 CLAY PIT RD SITE														0.00
12/16/2016	19.16	Expense	S	AP	0.00	8297								19.16
Totals:														19.16
Budget:														0.00
POND0006 DEWEY ST PARK POND RETROFIT														0.00
06/16/2016	53.19	Expense	L	PR	5.75	33698								53.19
Totals:														53.19
Budget:														0.00

# Project Management

## Task 2 Label Detail By Project Label

User: sbirr

Printed: 1/19/2017 - 3:07 PM


Label	Code	Description	L	PR	0.00	33698	Bertsche	33698 Employee Benefit	0.00	0.77
06/16/2016	0.77	Expense	L	PR	0.00	33698	Bertsche	33698 Employee Benefit	0.00	0.77
01/27/2016	6,378.48	Expense	S	AP	0.00	10751	LAKE SHORE CLE/ PAYMENT #3 & FINAL DEWEY STREET POND I		0.00	6,378.48
07/13/2016	1,393.21	Expense	S	AP	0.00	8851	McMAHON ASSOC. DEWEY STREET POND		0.00	1,393.21
09/07/2016	1,604.11	Expense	S	AP	0.00	8851	McMAHON ASSOC. DEWEY STREET POND		0.00	1,604.11
Totals:										9,429.76
Budget:										0.00
DEWEY ST PARK POND RETR										
POND0006										
DEWEY ST PARK POND										
RED ARROW INFILT BIOFILTER										
POND0008-32325										
<u>Date</u>	<u>Amount</u>	<u>ALFRE</u>	<u>LEMS</u>	<u>System</u>	<u>Hours</u>	<u>Description</u>	<u>Reference</u>	<u>Line Item Description</u>	<u>Revenue Amount</u>	<u>Expense Amount</u>
07/13/2016	30.50	Expense	S	AP	0.00	8851	McMAHON ASSOC. RED ARROW PARK		0.00	30.50
09/07/2016	144.00	Expense	S	AP	0.00	8851	McMAHON ASSOC. RED ARROW PARK		0.00	144.00
Totals:										174.50
Budget:										0.00
RED ARROW INFILT BIOFILTI										
Project Label										
STORMWATER PONDS										
Totals:										13,218.95
Budget:										0.00
STORMWATER MANAGEMENT										
PUBLIC EDUCATION										
<u>Date</u>	<u>Amount</u>	<u>ALFRE</u>	<u>LEMS</u>	<u>System</u>	<u>Hours</u>	<u>Description</u>	<u>Reference</u>	<u>Line Item Description</u>	<u>Revenue Amount</u>	<u>Expense Amount</u>
02/25/2016	74.61	Expense	L	PR	3.00	32813	Smits	32813 Employee Gross	0.00	74.61
02/25/2016	10.62	Expense	L	PR	0.00	32813	Smits	32813 Employee Benefit	0.00	10.62
01/28/2016	99.48	Expense	L	PR	4.00	32813	Smits	32813 Employee Gross	0.00	99.48
01/28/2016	14.18	Expense	L	PR	0.00	32813	Smits	32813 Employee Benefit	0.00	14.18
01/28/2016	99.48	Expense	L	PR	4.00	32813	Smits	32813 Employee Gross	0.00	99.48
01/28/2016	14.18	Expense	L	PR	0.00	32813	Smits	32813 Employee Benefit	0.00	14.18
Totals:										174.50
Budget:										0.00

# Project Management

## Task 2 Label Detail By Project Label

User: sbirr

Printed: 1/19/2017 - 3:07 PM



Label	Date	Code	Description	Hours	Description	Reference	Line Item Description	Revenue Amount	Expense Amount
	03/10/2016	397.92	Expense	21.00	32813	Smits	32813 Employee Gross	0.00	397.92
	03/10/2016	151.76	Expense	0.00	32813	Smits	32813 Employee Benefit	0.00	151.76
	12/30/2016	169.68	Expense	0.00	7750	U S BANK	B&H PHOTO - CAMERA	0.00	169.68
	01/04/2016	2,500.00	Expense	0.00	8263	FOX-WOLF WATER	2016 NEWSC MEMBERSHIP: M SMITS	0.00	2,500.00
	03/09/2016	100.00	Expense	0.00	7750	U S BANK	2016 WAUKESHA CO STORMWATER WORKSHC	0.00	100.00
PUBLIC EDUCATION									
Totals: 3,631.91									
PUBLIC EDUCATION									
Budget: 0.00									
ILLICIT DISCHARGE									
	01/28/2016	10.00	Expense	1.00	33378	Dixon	33378 Employee Gross	0.00	10.00
	01/28/2016	0.14	Expense	0.00	33378	Dixon	33378 Employee Benefit	0.00	0.14
	05/18/2016	149.85	Expense	0.00	8444	HORST DISTRIBUT	FLOURSC.GREEN PAINT	0.00	149.85
	07/06/2016	150.39	Expense	0.00	7750	U S BANK	COPPER: R-3510	0.00	150.39
	03/16/2016	491.67	Expense	0.00	7549	WISCONSIN RSA #	Cell Phone Charges-	0.00	491.67
	05/18/2016	21.24	Expense	0.00	7549	WISCONSIN RSA #	Cell Phone Charges-	0.00	21.24
	04/27/2016	23.56	Expense	0.00	7549	WISCONSIN RSA #	Cell Phone Charges-	0.00	23.56
	06/17/2016	21.21	Expense	0.00	7549	WISCONSIN RSA #	Cell Phone Charges-	0.00	21.21
	07/22/2016	17.28	Expense	0.00	7549	WISCONSIN RSA #	Cell Phone Charges-	0.00	17.28
	10/14/2016	19.08	Expense	0.00	7549	WISCONSIN RSA #	Cell Phone Charges-	0.00	19.08
	08/26/2016	19.15	Expense	0.00	7549	WISCONSIN RSA #	Cell Phone Charges-	0.00	19.15
	09/23/2016	19.13	Expense	0.00	7549	WISCONSIN RSA #	Cell Phone Charges-	0.00	19.13
	11/18/2016	18.77	Expense	0.00	7549	WISCONSIN RSA #	Cell Phone Charges-	0.00	18.77
	12/16/2016	18.95	Expense	0.00	7549	WISCONSIN RSA #	Cell Phone Charges-	0.00	18.95
ILLICIT DISCHARGE									
Totals: 980.42									
ILLICIT DISCHARGE									
Budget: 0.00									



# Project Management

## Task 2 Label Detail By Project Label

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Label	Date	Amount	Code	Description	LEMS	System	Hours	Description	Reference	Line Item Description	Revenue Amount	Expense Amount
				CONSTRUCTION PROJECTS								
		3CONSTRU-32325										
	03/10/2016	49.74	Expense	L	PR	2.00	32813	32813 Employee Gross	Smits	32813 Employee Gross	0.00	49.74
	03/10/2016	18.95	Expense	L	PR	0.00	32813	32813 Employee Benefit	Smits	32813 Employee Benefit	0.00	18.95
	01/28/2016	49.74	Expense	L	PR	2.00	32813	32813 Employee Gross	Smits	32813 Employee Gross	0.00	49.74
	01/28/2016	7.10	Expense	L	PR	0.00	32813	32813 Employee Benefit	Smits	32813 Employee Benefit	0.00	7.10
	01/28/2016	24.87	Expense	L	PR	1.00	32813	32813 Employee Gross	Smits	32813 Employee Gross	0.00	24.87
	01/28/2016	3.54	Expense	L	PR	0.00	32813	32813 Employee Benefit	Smits	32813 Employee Benefit	0.00	3.54
	01/14/2016	49.74	Expense	L	PR	2.00	32813	32813 Employee Gross	Smits	32813 Employee Gross	0.00	49.74
	01/14/2016	21.31	Expense	L	PR	0.00	32813	32813 Employee Benefit	Smits	32813 Employee Benefit	0.00	21.31
	01/14/2016	49.74	Expense	L	PR	2.00	32813	32813 Employee Gross	Smits	32813 Employee Gross	0.00	49.74
	01/14/2016	21.30	Expense	L	PR	0.00	32813	32813 Employee Benefit	Smits	32813 Employee Benefit	0.00	21.30
	02/11/2016	49.74	Expense	L	PR	2.00	32813	32813 Employee Gross	Smits	32813 Employee Gross	0.00	49.74
	02/11/2016	18.98	Expense	L	PR	0.00	32813	32813 Employee Benefit	Smits	32813 Employee Benefit	0.00	18.98
	03/10/2016	99.48	Expense	L	PR	4.00	32813	32813 Employee Gross	Smits	32813 Employee Gross	0.00	99.48
	03/10/2016	37.92	Expense	L	PR	0.00	32813	32813 Employee Benefit	Smits	32813 Employee Benefit	0.00	37.92
	03/10/2016	223.83	Expense	L	PR	9.00	32813	32813 Employee Gross	Smits	32813 Employee Gross	0.00	223.83
	03/10/2016	85.34	Expense	L	PR	0.00	32813	32813 Employee Benefit	Smits	32813 Employee Benefit	0.00	85.34
	01/04/2016	150.00	Revenue	R	CR	0.00		ENG ECMS PERMITS ENGINEERING DEPT	2016-01-7	ENG ECMS PERMITS ENGINEERING DEPT	150.00	0.00
	02/12/2016	40.00	Revenue	R	CR	0.00		ENG ECMS PERMITS ENGINEERING DEPT	2016-02-90	ENG ECMS PERMITS ENGINEERING DEPT	40.00	0.00
	02/22/2016	40.00	Revenue	R	ARI	0.00		AR Invoices 00014.02.2016	2016-02-138	AR Invoices 00014.02.2016	40.00	0.00
	03/09/2016	40.00	Revenue	R	ARI	0.00		AR Invoices 07003.03.2016	2016-03-59	AR Invoices 07003.03.2016	40.00	0.00
	06/06/2016	120.00	Revenue	R	CR	0.00		ENG ECMS PERMITS ENGINEERING DEPT	2016-06-34	ENG ECMS PERMITS ENGINEERING DEPT	120.00	0.00
	03/31/2016	190.00	Revenue	R	CR	0.00		ENG ECMS PERMITS ENGINEERING DEPT	2016-03-236	ENG ECMS PERMITS ENGINEERING DEPT	190.00	0.00
	05/23/2016	40.00	Revenue	R	ARI	0.00		AR Invoices 12010.05.2016	2016-05-165	AR Invoices 12010.05.2016	40.00	0.00
	04/27/2016	40.00	Revenue	R	CR	0.00		ENG ECMS PERMITS ENGINEERING DEPT	2016-04-179	ENG ECMS PERMITS ENGINEERING DEPT	40.00	0.00
	06/13/2016	40.00	Revenue	R	ARI	0.00		AR Invoices 00007.06.2016	2016-06-75	AR Invoices 00007.06.2016	40.00	0.00
	07/13/2016	40.00	Revenue	R	ARI	0.00		AR Invoices 00011.07.2016	2016-07-60	AR Invoices 00011.07.2016	40.00	0.00
	07/26/2016	355.00	Revenue	R	CR	0.00		ENG ECMS PERMITS 7/26/16 ENGINEERING DF	2016-07-156	ENG ECMS PERMITS 7/26/16 ENGINEERING DF	355.00	0.00
	10/25/2016	1,395.00	Revenue	R	CR	0.00		ENG ECMS PERMITS 10/25/16 ENGINEERING D	2016-10-132	ENG ECMS PERMITS 10/25/16 ENGINEERING D	1,395.00	0.00
	10/14/2016	-40.00	Revenue	R	AR2	0.00		AR Adjustments 00002.10.2016	2016-10-77	AR Adjustments 00002.10.2016	-40.00	0.00
	10/14/2016	40.00	Revenue	R	ARI	0.00		AR Invoices 00009.10.2016	2016-10-73	AR Invoices 00009.10.2016	40.00	0.00

# Project Management

## Task 2 Label Detail By Project Label

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*M. J. ...*  
1/19/2017

Label	Code	Description	R	ARI	0.00	2016-10-2	AR Invoices 00001.10.2016	120.00	0.00
10/03/2016	120.00	Revenue	R	ARI	0.00	2016-10-2	AR Invoices 00001.10.2016	120.00	0.00
09/30/2016	530.00	Revenue	R	CR	0.00	2016-09-172	ENG ECSM PERMITS 9/30/16 ENGINEERING DE	530.00	0.00
11/30/2016	230.00	Revenue	R	CR	0.00	2016-11-148	ENG ECSM PERMITS 11/30/2016 ENGINEERING	230.00	0.00
Totals:								3,370.00	811.32
CONSTRUCTION PROJECTS									
CONSTRUCTION PROJECTS									
POST CONSTRUCTION									
LEMS System									
Date	Amount	ALFRE	S	AP	Hours	Description	Reference	Line Item Description	Expense Amount
05/04/2016	5,000.00	Expense			0.00	8890	J. ROGER MILLER , 2016 Consultation for Blue Rail Beach		5,000.00
Totals:								0.00	5,000.00
POST CONSTRUCTION									
POST CONSTRUCTION									
POLLUTION PREVENTION									
Date	Amount	ALFRE	L	PR	Hours	Description	Reference	Line Item Description	Expense Amount
01/14/2016	49.74	Expense	L	PR	2.00	32813	Smits	32813 Employee Gross	49.74
01/14/2016	21.32	Expense	L	PR	0.00	32813	Smits	32813 Employee Benefit	21.32
01/14/2016	149.22	Expense	L	PR	6.00	32813	Smits	32813 Employee Gross	149.22
01/14/2016	63.92	Expense	L	PR	0.00	32813	Smits	32813 Employee Benefit	63.92
01/28/2016	24.87	Expense	L	PR	1.00	32813	Smits	32813 Employee Gross	24.87
01/28/2016	3.55	Expense	L	PR	0.00	32813	Smits	32813 Employee Benefit	3.55
02/11/2016	99.48	Expense	L	PR	4.00	32813	Smits	32813 Employee Gross	99.48
02/11/2016	37.95	Expense	L	PR	0.00	32813	Smits	32813 Employee Benefit	37.95
03/10/2016	99.48	Expense	L	PR	4.00	32813	Smits	32813 Employee Gross	99.48
03/10/2016	37.93	Expense	L	PR	0.00	32813	Smits	32813 Employee Benefit	37.93
02/11/2016	124.35	Expense	L	PR	5.00	32813	Smits	32813 Employee Gross	124.35
02/11/2016	47.44	Expense	L	PR	0.00	32813	Smits	32813 Employee Benefit	47.44

# Project Management

## Task 2 Label Detail By Project Label

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Label	Code	Description	L	PR	6.00	32813	Smits	32813 Employee Gross	0.00	149.22
03/10/2016	Expense	L PR					Smits	32813 Employee Gross	0.00	149.22
03/10/2016	Expense	L PR					Smits	32813 Employee Benefit	0.00	56.93
12/30/2016	Expense	M AP					WASTE MANAGEM. SPECIAL WASTE SOLID		0.00	582.88
01/04/2016	Expense	S AP					FOX-WOLF WATER 2016 WATERSHED CONFERENCE SPONSORSHI		0.00	600.00
03/30/2016	Expense	S AP					WASTE MANAGEM. CATCH BASIN STREET SWEEPING		0.00	6,777.17
04/13/2016	Expense	S AP					WASTE MANAGEM. CATCH BASIN STREET SWEEPING		0.00	1,541.34
05/18/2016	Expense	S AP					R A SMITH NATION		0.00	1,600.00
05/25/2016	Expense	S AP					WASTE MANAGEM. STREET SWEEPING CATCH BASIN		0.00	7,119.78
04/27/2016	Expense	S AP					WASTE MANAGEM. STREET SWEEPING CATCH BASIN		0.00	6,267.06
05/31/2016	Expense	S GL					2016-05-246 Move RA Smith invoice accting		0.00	1,600.00
05/31/2016	Expense	S GL					2016-05-246 Move RA Smith invoice accting		0.00	-1,600.00
06/29/2016	Expense	S AP					WASTE MANAGEM. STREET SWEEPING CATCH BASIN		0.00	6,636.54
07/13/2016	Expense	S AP					WASTE MANAGEM. STREET SWEEPING CATCH BASIN		0.00	1,671.53
07/27/2016	Expense	S AP					WASTE MANAGEM. STREET SWEEPING CATCH BASIN		0.00	3,838.36
10/18/2016	Expense	S AP					WASTE MANAGEM. STREET SWEEPING CATCH BASIN		0.00	5,303.59
09/21/2016	Expense	S AP					WASTE MANAGEM. STREET SWEEPING CATCH BASIN		0.00	5,004.36
Totals:										47,908.01
Budget:										0.00
Totals:										0.00
Budget:										0.00
Totals:										628.41
Budget:										0.00
Totals:										0.00
Budget:										0.00

# Project Management

## Task 2 Label Detail By Project Label

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Label	Code	Description	MISC MS4 STORMWATER PERMIT		Reference	Line Item Description	Revenue Amount	Expense Amount
Date	Amount	ALFRE	LEMS	System	Hours	Description		
01/28/2016	174.09	Expense	L	PR	7.00	32813 Employee Gross	0.00	174.09
01/28/2016	24.80	Expense	L	PR	0.00	32813 Employee Benefit	0.00	24.80
02/11/2016	149.22	Expense	L	PR	6.00	32813 Employee Gross	0.00	149.22
02/11/2016	56.89	Expense	L	PR	0.00	32813 Employee Benefit	0.00	56.89
01/28/2016	845.58	Expense	L	PR	34.00	32813 Employee Gross	0.00	845.58
01/28/2016	120.48	Expense	L	PR	0.00	32813 Employee Benefit	0.00	120.48
02/11/2016	174.09	Expense	L	PR	7.00	32813 Employee Gross	0.00	174.09
02/11/2016	66.38	Expense	L	PR	0.00	32813 Employee Benefit	0.00	66.38
01/28/2016	49.74	Expense	L	PR	2.00	32813 Employee Gross	0.00	49.74
01/28/2016	7.09	Expense	L	PR	0.00	32813 Employee Benefit	0.00	7.09
02/25/2016	24.87	Expense	L	PR	1.00	32813 Employee Gross	0.00	24.87
02/25/2016	3.55	Expense	L	PR	0.00	32813 Employee Benefit	0.00	3.55
02/11/2016	49.74	Expense	L	PR	2.00	32813 Employee Gross	0.00	49.74
02/11/2016	18.98	Expense	L	PR	0.00	32813 Employee Benefit	0.00	18.98
06/08/2016	5,000.00	Expense	S	AP	0.00	9889 WISCONSIN STATE STORMWATER MUNICIPAL GENERAL FEE- 201	0.00	5,000.00
Totals:							0.00	6,765.50
MISC MS4 STORMWATER PER								
80THER00								
MISC MS4 STORMWATER PI							0.00	0.00
STWTRMG-32325								
Date	Amount	ALFRE	LEMS	System	Hours	Description	Revenue Amount	Expense Amount
03/10/2016	350.19	Expense	L	PR	9.00	31405 Employee Gross	0.00	350.19
03/10/2016	190.17	Expense	L	PR	0.00	31405 Employee Benefit	0.00	190.17
08/25/2016	239.04	Expense	L	PR	6.00	31405 Employee Gross	0.00	239.04
08/25/2016	36.85	Expense	L	PR	0.00	31405 Employee Benefit	0.00	36.85
03/10/2016	77.82	Expense	L	PR	2.00	31405 Employee Gross	0.00	77.82
03/10/2016	42.25	Expense	L	PR	0.00	31405 Employee Benefit	0.00	42.25
Budget:							0.00	0.00

# Project Management

## Task 2 Label Detail By Project Label

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Label	Code	Description	M	AP	0.00	7750	U S BANK	CLIPBOARD - M SMITS	0.00	17.07
03/09/2016	17.07	Expense	S	AP	0.00	7750	U S BANK	CLIPBOARD - M SMITS	0.00	17.07
04/06/2016	113.95	Expense	S	AP	0.00	7750	U S BANK	ENTERPRISE CAR RENTAL FOR 2016 WATERSHED	0.00	113.95
05/04/2016	51.33	Expense	S	AP	0.00	7750	U S BANK		0.00	51.33
08/03/2016	20.00	Expense	S	AP	0.00	7750	U S BANK	LAKE MICHIGAN DAY - M. SMITS	0.00	20.00
09/28/2016	300.00	Expense	S	AP	0.00	9890	WISCONSIN STATE	WETLAND DELINEATION CONFIRMATION REPORT	0.00	300.00
11/02/2016	15.00	Expense	S	AP	0.00	7750	U S BANK	FOXWOLF WATERSHED ALLIANCE - M. SMITS	0.00	15.00
09/07/2016	25.00	Expense	S	AP	0.00	7750	U S BANK	FOX WOLF WATERSHED ALLIANCE - STORMW	0.00	25.00
10/26/2016	2,900.00	Expense	S	AP	0.00	12575	STANTEC CONSULTING	BLUE RAIL BEACH INFILTRATION WETLAND	0.00	2,900.00

Totals:

STORMWATER MANAGEMENT

4,378.67

STMWTRMG

STORMWATER MANAGEMENT

Budget:

0.00

Project Label

STORMWATER MANAGEMENT

Totals:

0.00

Book =  
TOTAL

3,370.00	70,104.24
3,370.00	83,323.19

# Project Management

## Task 2 Label Detail By Project Label

User: sbirr

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Label	Code	Description		
			3,370.00	83,323.19
			=====	=====
			=====	=====
			=====	=====
				- 3370
				-----
				79,953.19

Total Amount:



**Northeast Wisconsin Stormwater Consortium**

1000 N. Ballard Road  
P.O. Box 1861  
Appleton, WI 54912



April 20, 2016

Matt Smits  
City of Manitowoc  
900 Quay Road  
Manitowoc, WI 54220

Dear Northeast Wisconsin Stormwater Consortium Member:

The Northeast Wisconsin Stormwater Consortium (NEWSC) formed in 2005 as a subsidiary of the Fox-Wolf Watershed Alliance and is made up of a consortium of member communities with leadership elected annually within its members. The mission of NEWSC is to facilitate efficient implementation of stormwater programs locally and regionally that will meet DNR and EPA regulatory requirements and maximize the benefit of stormwater activities to the watershed by fostering partnerships, sharing information, seeking administrative efficiency, and pooling financial resources.

After eleven years of existence, NEWSC has five county members, fifteen corporate members, one university member, and thirty-four municipal members. As NEWSC continues to grow, so does the consortium's activities. We are presenting in member schools, exhibiting at local festivals, and represented in the community now more than ever.

During the last couple of years as the NEWSC Leadership Council has discussed the future direction and goals of NEWSC, it has been determined that a 10% membership dues increase is necessary. The membership dues have remained the same since the founding of the consortium and this represents the first dues increase in the organization's history. This letter is being sent at this time to provide notice for next year's budgeting.

This change in dues is a result of increased activism and the implementation of new programs and services. The increased funding will provide more opportunities for NEWSC to serve its member communities by continuing to offer trainings and workshops at low cost, offsetting travel expenses to allow our outreach coordinator to exhibit at local festivals and give presentations at member schools, as well as provide more time for our NEWSC coordinator to search and apply for grants that improve water quality in the Fox-Wolf Basin as well as expand NEWSC's activities for our member communities.

If you have any questions or concerns regarding the 10% dues increase, please feel free to contact me at any time. Any feedback is welcome—the foundation of NEWSC is to serve our member counties, communities, and corporations. Thank you in advance.

Sincerely,

*Nick Waldschmidt*

Nick Waldschmidt  
NEWSC Chair

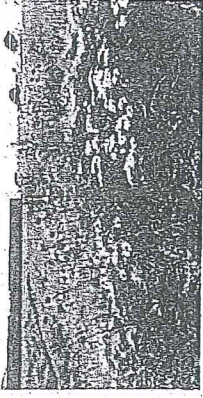
*Genevieve Vander Velden*

Genevieve Vander Velden  
NEWSC Coordinator

# FIVE YEAR STORM WATER FACILITY ADAPTIVE NATIVE VEGETATION PLAN & BUDGET (Revised Annually)

City of Manitowoc  
Manitowoc County, Wisconsin

February 23, 2016  
McM. No. M0026-9-15-00216.00



Prairie / Wetland Maintenance Activity	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
<b>SOUTH 30TH STREET POND (1.85 Acre Prairie)</b>					
Goose Protection Fencing	\$300	--	--	--	--
Spot Herbicide Exotic/Invasive Species in Prairie (1.85 acres)	\$400 - \$600	\$400 - \$600	\$400 - \$600	\$400 - \$600	\$400 - \$600
Herbicide Cattails, Phragmites, Purple Loose Strife, Woody Veg.	\$200	\$200	\$200	\$200	\$200
Transplant Wetland Plants (within pond)	\$300 - \$500	\$300	--	--	--
Prescribed Prairie Burn**	\$650	\$650	\$650	--	\$650
<b>Sub-Total*</b>	<b>\$1,850 - \$2,250</b>	<b>\$1,550 - \$1,750</b>	<b>\$1,250 - \$1,450</b>	<b>\$600 - \$800</b>	<b>\$1,250 - \$1,450</b>
<b>SOUTH 10TH STREET POND (2.60 Acre Prairie)</b>					
Spot Herbicide Exotic/Invasive Species in Prairie (2.60 acres)	\$500 - \$700	\$500 - \$700	\$500 - \$700	\$500 - \$700	\$500 - \$700
Herbicide Cattails, Phragmites, Purple Loose Strife, Woody Veg.	\$200	\$200	\$200	\$200	\$200
Transplant Wetland Plants (within pond)	\$300	--	--	--	--
Prescribed Prairie Burn**	\$750	\$750	\$750	--	\$750
<b>Sub-Total*</b>	<b>\$1,750 - 1,950</b>	<b>\$1,450 - \$1,650</b>	<b>\$1,450 - \$1,650</b>	<b>\$700 - \$900</b>	<b>\$1,450 - \$1,650</b>
<b>DEWEY STREET POND (1.71 Acre Prairie)</b>					
Goose Protection Fencing	\$500	--	--	--	--
Spot Herbicide Exotic/Invasive Species in Prairie (1.71 acres)	\$800 - \$1,300	\$700 - \$1,000	\$700 - \$1,000	\$700 - \$1,000	\$700 - \$1,000
Herbicide Cattails, Phragmites, Purple Loose Strife, Woody Veg.	\$400	\$300	\$300	\$300	\$300
Transplant Wetland Plants (within pond)	\$300 - \$500	\$300	--	--	--
Supply & Install 150 - 300 Aquatic Plants	\$450 - \$900	--	--	--	--
Broadleaf Herbicide Upslope Grass (5.07 acres) (2 times in 2016, 1 time in 2017) (Lakeshore Cleaners, Inc.)	\$1,600	\$800	--	--	--
Prescribed Prairie Burn**	--	--	--	--	--
<b>Sub-Total*</b>	<b>\$4,050 - \$5,200</b>	<b>\$2,100 - \$2,400</b>	<b>\$1,750 - \$2,050</b>	<b>\$1,750 - \$2,050</b>	<b>\$1,750 - \$2,050</b>
<b>RED ARROW PARK (2 Acres Prairie)</b>					
Blanket Broadleaf Herbicide (2 events) (Lakeshore Cleaners, Inc.)	\$450	--	--	--	--
Spot Herbicide Invasive Species	\$500	\$300	\$300	\$300	\$300
<b>Sub-Total*</b>	<b>\$950</b>	<b>\$300</b>	<b>\$300</b>	<b>\$300</b>	<b>\$300</b>
<b>TOTAL*</b>	<b>\$8,600 - \$10,350</b>	<b>\$5,400 - \$6,100</b>	<b>\$4,750 - \$5,450</b>	<b>\$3,350 - \$4,050</b>	<b>\$4,750 - \$5,450</b>

\*Budgetary numbers include ecological services oversite, materials, installation services and contractor costs. Plant response/weather may dictate changes in schedule and budgets.

\*\*The prescribed prairie burn costs are based on the service fees for the Fox Valley Technical College Wildland Fire Crew. A prescribed prairie burn should be conducted several years in a row at the early stages of prairie development to reduce invasive species and approximately every 3 years thereafter.

- 2594.74  
- 3,167.17



# Attachment E

**POND MOWING AND MAINTENANCE SCHEDULE**

POND	TYPE OF SEEDING	2016	2017	2018	2019	2020	2021	2022	2023	2024
Dufek Drive	Standard	Mow 1 or 2 times	Mow 1 or 2 times	Mow 1 or 2 times	Mow 1 or 2 times	Mow 1 or 2 times	Mow 1 or 2 times	Mow 1 or 2 times	Mow 1 or 2 times	Mow 1 or 2 times
Vits Drive	Standard	Mow 1 or 2 times	Mow 1 or 2 times	Mow 1 or 2 times	Mow 1 or 2 times	Mow 1 or 2 times	Mow 1 or 2 times	Mow 1 or 2 times	Mow 1 or 2 times	Mow 1 or 2 times
Fessler Drive	Standard	Mow 1 or 2 times	Mow 1 or 2 times	Mow 1 or 2 times	Mow 1 or 2 times	Mow 1 or 2 times	Mow 1 or 2 times	Mow 1 or 2 times	Mow 1 or 2 times	Mow 1 or 2 times
N. Rapids Road	Standard		Mow once (if needed) Cut woody vegetation			Mow once (if needed) Cut woody vegetation		Mow once (if needed) Cut woody vegetation		
Clay Pit Road*	No Mow	1 time/year (June) 4-5" Height	1 time/year (June) 4-5" Height	1 time/year (June) 4-5" Height	1 time/year (June) 4-5" Height	1 time/year (June) 4-5" Height	1 time/year (June) 4-5" Height	1 time/year (June) 4-5" Height	1 time/year (June) 4-5" Height	1 time/year (June) 4-5" Height
S. 41st and Custer*	No Mow	1 time/year (June) 4-5" Height	1 time/year (June) 4-5" Height	1 time/year (June) 4-5" Height	1 time/year (June) 4-5" Height	1 time/year (June) 4-5" Height	1 time/year (June) 4-5" Height	1 time/year (June) 4-5" Height	1 time/year (June) 4-5" Height	1 time/year (June) 4-5" Height
S. 10th Street	Native Prairie/ Wetland	Burn or Mow to the ground and rake cut material	Burn or Mow to the ground and rake cut material				Burn or Mow to the ground and rake cut material			
Dewey Street	Native Prairie/ Wetland	Mow once in Fall  November	Mow @ 12" Height - Mid June (1st)  2 times/year or as needed to keep @ 12"	Burn or Mow to the ground and rake cut material	Burn or Mow to the ground and rake cut material	Burn or Mow to the ground and rake cut material				Burn or Mow to the ground and rake cut material
S. 30th Street	Native Prairie/ Wetland	Burn or Mow to the ground and rake cut material	Burn or Mow to the ground and rake cut material				Burn or Mow to the ground and rake cut material			
* No Mow - Do NOT mow closer than 3"										

Mjs 01/20/2017  
y:\stormwater\Ponds\Pond Mowing Maintenance

# Attachment F

# Attachment F

- Pollution Prevention

The City completed their Pollution Prevention Program and individual Storm Water Pollution Prevention Plans for the Department of Public Works Service Building and Parks Maintenance Facility in October of 2008. The SWPPP's were revised in April 2015(plans can be found at [http://www.manitowoc.org/stormwater/pollution\\_prevention](http://www.manitowoc.org/stormwater/pollution_prevention) ). The City implemented these programs in April 2009. Therefore, the following is a summary of the recommendations and measureable goals for these programs in 2016.

**POLLUTION PREVENTION PROGRAM (AECOM, October 2008):**

*Section 1.0 - Municipal Storm Water Facilities Inspection and Maintenance Measureable Goals*

1. Inspect all city owned wet detention facilities 2 times per year.

The City had a total of 9 wet detention ponds in 2016.

**\*\*MEASUREABLE GOAL\*\*:** Each City-owned detention pond was inspected at least once in 2016 for a total of 9 inspections. Three ponds have prairie planted around them and they are inspected multiple times a year by an ecologist hired by the city as well as city staff. The City trapper also visits all 9 ponds regularly.

2. Implement catch basin inspection and cleaning program by 2009. Quantify number of catch basins cleaned and amount of debris removed.

**\*\*MEASUREABLE GOAL\*\*:** 0 Catch Basins and/or Catch Basin Manholes were inspected and/or cleaned

**\*\*MEASUREABLE GOAL\*\*:** 0 CY of Material Removed from Catch Basins

3. Document the linear footage of ditches maintained and linear footage of storm sewers cleaned based on data collected.

The City maintains and cleans ditches and storm sewer on an as needed bases, mostly due to obstructions. The City also televises storm sewer on regular basis.

**\*\*MEASURABLE GOAL\*\*:** 108,375 feet of Ditches Maintained

**\*\*MEASURABLE GOAL\*\*:** 27,991 feet of Storm Sewer was Televised in 2016

*Section 2.0 - Street Sweeping and Catch Basin Cleaning Measurable Goals*

Street Sweeping:

1. Purchase two (2) high efficiency street sweepers

DONE: The City purchased two high-efficiency vacuum sweepers (Elgin Whirlwind) in late fall of 2008

2. Implement parking controls to be effective in April 2009

DONE: The City implemented a street sweeping parking ban effective April 21, 2009. In 2015 the city extended the parking ban to aid in Fall leaf pick up.

The City actively enforced the street sweeping parking ban in 2016.

**\*\*MEASUREABLE GOAL\*\*:** A total of 2,815 parking tickets were issued and over 1000 parking violation warnings were handed out.

3. Implement new street sweeper routes based on parking control plan

DONE: The City developed street sweeper districts in coordination with the implementation of the parking ban, five (5) districts on the north side and five (5) on the south side.

4. Continue current street sweeping frequency and document miles swept and amount of debris removed.

**\*\*MEASUREABLE GOAL\*\*:** The entire City is swept on a weekly basis from April 1 to December 2nd, conditions permitting.

**\*\*MEASUREABLE GOAL\*\*:** 13,064 miles of street was swept by the sweepers

**\*\*MEASUREABLE GOAL\*\*:** 725.41 tons of material was removed by the sweepers

Catch Basin Cleaning:

1. Add future catch basins to mapping

**\*\*MEASUREABLE GOAL\*\*:** no new catch basins have been added to our mapping in 2016.

2. Implement catch basin cleaning program - document number of catch basins cleaned and amount of material removed.

Repeated from above:

**\*\*MEASUREABLE GOAL\*\*:** 0 Catch Basins and/or Catch Basin Manholes were inspected and/or cleaned

**\*\*MEASUREABLE GOAL\*\*:** 0 CY of Material Removed from Catch Basins

NOTE: As part of new and reconstruction projects, the City is replacing existing inlets with catch basins.

*Section 3.0 - Street Sweeping and Catch Basin Cleaning Disposal*

1. Initiate disposal of street sweeping and catch basin cleanings in a licensed landfill in 2009 unless alternative methods are allowable.

**\*\*MEASUREABLE GOAL\*\*:** All material removed by the street sweepers in 2016 was hauled to Waste Managements, Ridgeview Landfill in Whitelaw, WI

2. Document amount of material removed.

**\*\*MEASUREABLE GOAL\*\*:** 725.41 tons of street sweeping material was landfilled

*Section 4.0 - Road Salt Application and Snow Disposal*

1. Document the amount of salt and other de-icing agents used.

**\*\*MEASUREABLE GOAL\*\*:** 3037.87 tons of salt, 210.44 tons of sand, 51 gallons of liquid dow, 5801 gallons of beat juice geo melt , and 28,251 gallons of brine were used in 2016

MONTH	SALT	BRINE	BEAT/GEO	Liquid DOW	Treated Sand
Jan	978.33	4673	929	51	127.13
Feb	676.47	5686	131		
March	503.98	4213	109		
April	71.22	3400			
Dec	807.88	10279	4632		83.32
<b>TOTALS</b>	<b>3037.87</b>	<b>28251</b>	<b>5801</b>	<b>51</b>	<b>210.44</b>
	<b>TON</b>	<b>GAL</b>	<b>GAL</b>	<b>GAL</b>	<b>TON</b>

*Section 5.0 - Collection and Disposal of Leaves and Grass Clippings*

1. Document the amount of leaves and other materials collected/recycled.

**\*\*MEASUREABLE GOAL\*\*:** 11,712 cubic yards.

*Section 6.0 - Municipal Storm Water Pollution Prevention Planning*

**DPW SERVICE BUILDING STORM WATER POLLUTION PREVENTION PLAN(SWPPP) (AECOM, October 2008) (AECOM update April 2015):**

Existing and Recommended Control Measures:

1. Fuel Islands - The City retrofited the two (2) existing inlets into catch basins in the fall of 2011. Spill kits have been pruchased for the fuel islands
2. Outdoor Vehicle Washing Area – A nutrient separating device has been installed in 2012 to treat the outdoor washing area water.
3. Runoff Erosion – This was addressed with the installation of the nutrient separating device.
4. Outdoor Storage Piles – The outdoor aggregate storage piles have been separated. minimal runoff was noted from these piles in 2016.
5. Runoff Erosion: This was addressed with the installation off new perferated pipe in fall of 2015.
6. Quarterly Inspections – For 2016 quarterly inspections, contact Operations Division Manager(Streets) Randy Junk at [rjunk@manitowoc.org](mailto:rjunk@manitowoc.org) or (920) 686-6550.

**PARKS MAINTENANCE FACILITY STORM WATER POLLUTION PREVENTION PLAN(SWPPP) (AECOM, October 2008)  
(AECOM update April 2015):**

**Existing and Recommended Control Measures:**

1. Fuel Island - Spill kits have been purchased for the fuel islands
2. Outdoor Wash Area- Compost Filter socks have been placed downstream of wash area. Washing is done inside when possible.
3. Outdoor stock piles – three sided bays and tarps have been placed on most of the stock piles. Concrete blocks have been ordered for the rest.
4. Snow Disposal Area – Was in compliance for the winter of 2016.
5. Quarterly Inspections - For 2016 quarterly inspections, contact Operations Division Manager(Parks) Chad Sheinoha at [csheinoha@manitowoc.org](mailto:csheinoha@manitowoc.org) or (920) 686-6550.

**MANITOWOC MARINA STORM WATER POLLUTION PREVENTION PLAN(SWPPP) (NORTHERN ENVIRONMENTAL, JULY 1999):**

Existing Tier 2 Stormwater Industrial permit. Facility ID: 11095

Contact; Rich Larsen  
Manitowoc Marina  
425 Maritime Dr  
Manitowoc WI 54220  
E Mail [rlarsen@manitowoc-marina.com](mailto:rlarsen@manitowoc-marina.com)  
Phone 920-682-5117

*Section 7.0 - Municipal Application of Lawn and Garden Fertilizers*

Currently the City does not apply fertilizers to areas greater than five acres.

*Section 8.0 - Education of Municipal Staff*

1. Include an educational component for appropriate staff relative to their area of work.

City staff attended multiple erosion control and storm water management training workshops and conferences (FWWA Conference and other webinars). These are listed after the public education activities on ATTACHMENT A as 2015 staff Training/Discussion Activities. The City provided some pollution prevention, illicit discharge and erosion control training to marina personnel in the form of an excel visual Video.

*Section 9.0 - Measures to reduce storm water contamination within source water protection areas.*

The City has contacted MPU, and determined a well head protection plan exists with the Utilities. The City has also received coordinates of the 2 remaining wells and placed them on the GIS system.

**2016 SPRING, SUMMER, AND FALL CLEAN UP  
VOLUME HAULED TO MANITOWOC COUNTY COMPOST SITE**

**LEAVES & RAKINGS**

	<u>YDS/LD</u>	<u>LOADS</u>	<u>YARDS</u>
<b>SPRING - Rakings</b>			
2-1/2 Ton Trucks	6	0.0	0
Tandem Trucks	9	75	675
<b>TOTAL</b>		<u>75.0</u>	<u>675</u>

<b>FALL - Leaves</b>			
2-1/2 Ton Trucks	6	47.0	282
Tandem Trucks	9	951.0	8,559
<b>TOTAL</b>		<u>998.0</u>	<u>8,841</u>

Percent of Leaf Collection to:

Privates	55%	0.0	4,863
Compost Site	45%	0.0	3,978
		<u>0.0</u>	<u>8,841</u>

**BRUSH**

	<u>YDS/LD</u>	<u>LOADS</u>	<u>YARDS</u>
<b>Spring</b>			
2-1/2 Ton Trucks	6	0.0	0
Tandem Trucks	9	244.0	2,196
<b>TOTAL</b>		<u>244.0</u>	<u>2,196</u>

<b>Mid-Summer</b>			
2-1/2 Ton Trucks	6	0.0	0
Tandem Trucks	9	0.0	0
<b>TOTAL</b>		<u>0.0</u>	<u>0</u>

<b>Fall</b>			
2-1/2 Ton Trucks	6	0.0	0
Tandem Trucks	9	0.0	0
<b>TOTAL</b>		<u>0.0</u>	<u>0</u>

**VEGETATION RECYCLING TOTALS**

	<u>LOADS</u>	<u>YARDS</u>	
Privates	0.0	4,863	41.5%
Compost Site	319.0	6,849	58.5%
<b>Grand Total</b>	<u>319.0</u>	<u>11,712</u>	<u>100.0%</u>

**Matt Smits**

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**Subject:**

FW: MATERIALS BREAKDOWN FOR 2016

**From:** Sue Reilly

**Sent:** Thursday, February 09, 2017 11:34 AM

**To:** Matt Smits

**Subject:** MATERIALS BREAKDOWN FOR 2016

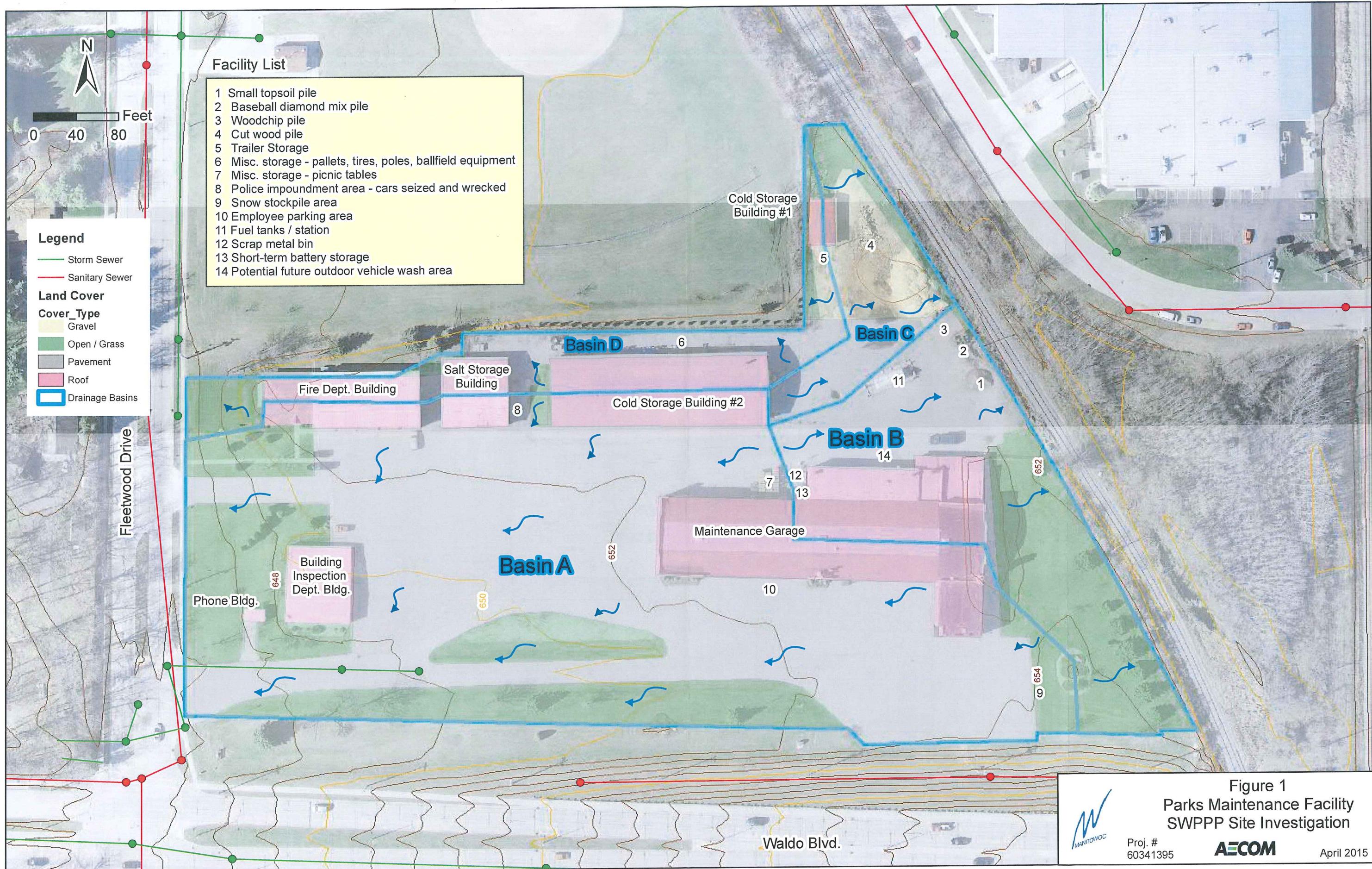
Here it is. Hopefully you have everything you need now.

MONTH	SALT	BRINE	BEAT/GEO	LD	TS
1	978.33	4673	929	51	127.13
2	676.47	5686	131		
3	503.98	4213	109		
4	71.22	3400			
12	807.88	10279	4632		83.32
<b>TOTALS</b>	<b>3037.87</b>	<b>28251</b>	<b>5801</b>	<b>51</b>	<b>210.44</b>
	TON	GAL	GAL	GAL	TON

*Sue Reilly*

Administrative Support Specialist  
Department of Public Infrastructure  
City of Manitowoc  
920-686-6550  
920-686-6525 (fax)  
920-686-6526 (shop)





**Facility List**

- 1 Small topsoil pile
- 2 Baseball diamond mix pile
- 3 Woodchip pile
- 4 Cut wood pile
- 5 Trailer Storage
- 6 Misc. storage - pallets, tires, poles, ballfield equipment
- 7 Misc. storage - picnic tables
- 8 Police impoundment area - cars seized and wrecked
- 9 Snow stockpile area
- 10 Employee parking area
- 11 Fuel tanks / station
- 12 Scrap metal bin
- 13 Short-term battery storage
- 14 Potential future outdoor vehicle wash area

**Legend**

- Storm Sewer
- Sanitary Sewer
- Land Cover**
- Cover\_Type**
- Gravel
- Open / Grass
- Pavement
- Roof
- Drainage Basins

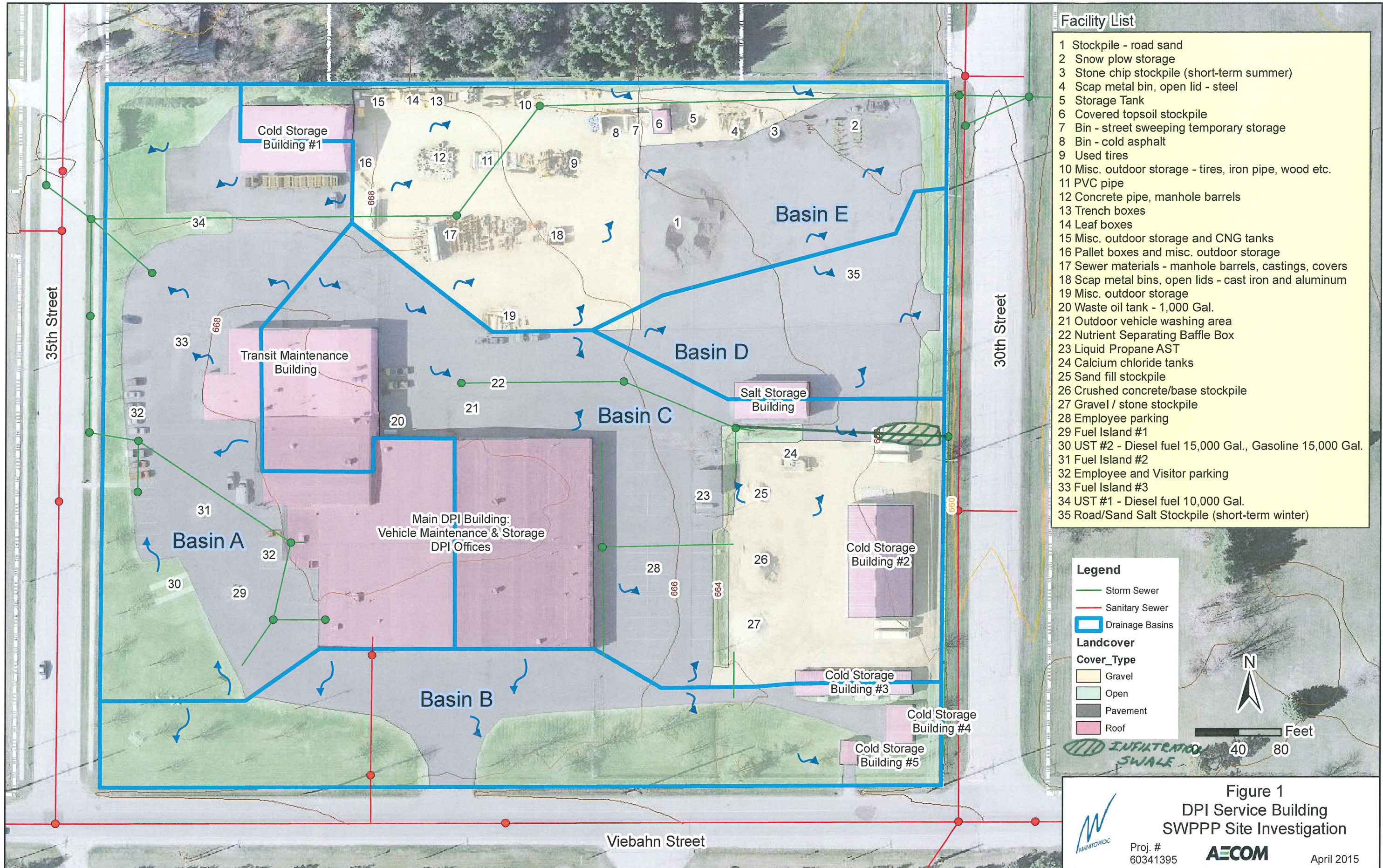
**Figure 1**  
**Parks Maintenance Facility**  
**SWPPP Site Investigation**

Proj. #  
 60341395

**AECOM**

April 2015

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**Facility List**

- 1 Stockpile - road sand
- 2 Snow plow storage
- 3 Stone chip stockpile (short-term summer)
- 4 Scap metal bin, open lid - steel
- 5 Storage Tank
- 6 Covered topsoil stockpile
- 7 Bin - street sweeping temporary storage
- 8 Bin - cold asphalt
- 9 Used tires
- 10 Misc. outdoor storage - tires, iron pipe, wood etc.
- 11 PVC pipe
- 12 Concrete pipe, manhole barrels
- 13 Trench boxes
- 14 Leaf boxes
- 15 Misc. outdoor storage and CNG tanks
- 16 Pallet boxes and misc. outdoor storage
- 17 Sewer materials - manhole barrels, castings, covers
- 18 Scap metal bins, open lids - cast iron and aluminum
- 19 Misc. outdoor storage
- 20 Waste oil tank - 1,000 Gal.
- 21 Outdoor vehicle washing area
- 22 Nutrient Separating Baffle Box
- 23 Liquid Propane AST
- 24 Calcium chloride tanks
- 25 Sand fill stockpile
- 26 Crushed concrete/base stockpile
- 27 Gravel / stone stockpile
- 28 Employee parking
- 29 Fuel Island #1
- 30 UST #2 - Diesel fuel 15,000 Gal., Gasoline 15,000 Gal.
- 31 Fuel Island #2
- 32 Employee and Visitor parking
- 33 Fuel Island #3
- 34 UST #1 - Diesel fuel 10,000 Gal.
- 35 Road/Sand Salt Stockpile (short-term winter)

**Legend**

- Storm Sewer
  - Sanitary Sewer
  - Drainage Basins
- Landcover**
- Cover\_Type**
- Gravel
  - Open
  - Pavement
  - Roof



**Figure 1**  
**DPI Service Building**  
**SWPPP Site Investigation**

Proj. # 60341395 **AECOM** April 2015

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