

Due by March 31, 2015

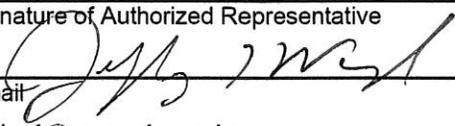
**Notice:** Pursuant to s. NR 216.07(8), Wis. Adm. Code, an owner or operator of a Municipal Separate Storm Sewer System (MS4) is required to submit an annual report to the Department of Natural Resources (DNR) by March 31 of each year to report on activities for the previous calendar year. This form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

This form is for reporting on activities undertaken in calendar year 2014.

**Instructions:** Complete each section of the form that follows. If additional space is needed to respond to a question, attach additional pages. Provide descriptions that explain the program actions taken to comply with the general permit. Complete and submit the annual report by March 31, 2015, to the appropriate address indicated on the last page of this form.

SECTION I. Municipal Information			
Name of Municipality City of Pewaukee		Facility ID No. (FIN) 30726	
Mailing Address W240 N3065 Pewaukee Road	City Pewaukee	State WI	ZIP Code 53072
County(s) in which Municipality is located Waukesha	Municipality Type: (select one) <input type="radio"/> County <input checked="" type="radio"/> City <input type="radio"/> Village <input type="radio"/> Town <input type="radio"/> Other (specify)		

SECTION II. Municipal Contact Information			
Name of Municipal Contact Person Richard J. Wirtz, P.E., CFM		Title Civil Engineer	
Mailing Address (if different from above)	City	State WI	ZIP Code
Email wirtz@pewaukee.wi.us	Phone Number (include area code) (262) 691-0804	Fax Number (include area code) (262) 691-5729	

SECTION III. Certification			
<p><i>I hereby certify that I am an authorized representative of the municipality covered under MS4 General Permit No. WI-S050075-2 for which this annual report is being submitted and that the information contained in this document and all attachments were gathered and prepared under my direction or supervision. Based on my inquiry of the person or persons under my direction or supervision involved in the preparation of this document, to the best of my knowledge, the information is true, accurate, and complete. I further certify that the municipality's governing body or delegated representatives have reviewed or been apprised of the contents of this annual report. I understand that Wisconsin law provides severe penalties for submitting false information.</i></p>			
Authorized Representative Printed Name Jeffrey Weigel, P.E.		Authorized Representative Title Director of Public Works	
Signature of Authorized Representative 		Date 3-31-15	
Email weigel@pewaukee.wi.us	Phone Number (include area code) (262) 691-0804	Fax Number (include area code) (262) 691-5729	

**SECTION IV. General Information**

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

The annual report is typically presented to the Public Works Committee each May for discussion and comment prior to posting on the City's website. This past year the annual report was not taken to the Committee prior to posting.

City staff are available for questions regarding the annual report via the City's website, telephone, electronic mail, meetings with elected officials and general walk-in questions. Few questions are received by City staff regarding the details of the annual report. The 2014 Annual report will be posted on the City's website.

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

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

City staff continue to work with our elected officials regarding the City's municipal storm water discharge permit through discussions regarding the function of the City's storm water utility; budget hearings; discussions regarding anticipated changes to the City's municipal discharge permit; changes to the City's storm water management ordinances; and discussions related to components included in capital improvement projects that impact storm water discharges. City staff answer questions from the public, elected officials and other internal staff as needed regarding: permit requirements; effects on development and permitting; impacts on storm water utility fees and credits; long term planning; and enforcement of erosion control ordinances.

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

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

City of Pewaukee Storm Water Management Plan, June 1999  
City of Pewaukee Storm Water Management Plan Update, June 2007

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

If yes, describe these cooperative efforts:

Waukesha County and the Upper Fox River Partnership Group for the information and education components of the City's MS 4 Permit.

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

If yes, provide web address:  
[www.cityofpewaukee.us](http://www.cityofpewaukee.us)

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:  
The link to the City's storm water page is [www.cityofpewaukee.us/index.aspx?nid=218](http://www.cityofpewaukee.us/index.aspx?nid=218). However, with the most recent update to the City's web site, the data posted on the storm water page is outdated (aside from the annual reports posted there).

**SECTION V. Permit Conditions**

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

- Public Education and Outreach

See attached Exhibit A for a summary of the Waukesha County contracted program.

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

• Public Involvement and Participation

See attached Exhibit A for a summary of the Waukesha County contracted program.

The bulk of City Staff's time in regards to public involvement and participation has been focused on developers, contractors and developers engineers over the past year. The City continues to grow at a brisk pace, consequently staff are engaged in numerous discussions, electronic mail and correspondences regarding City requirements for post construction site storm water management and construction site erosion control during the plan review stages of development and the construction phases of development.

The typical involvement by staff with the general public comes in the form of concerns regarding illicit discharges, construction site discharges or concerns regarding the quantity of runoff. The general public have been very helpful in identifying problems and/or violations with regards to the quantity or quality of storm water discharges within the City.

• Illicit Discharge Detection and Elimination

City staff responded to two illicit discharge incidents in 2014. The first occurred on July 31 in a commercial/ industrial park north of Bluemound Road. Approximately 10 to 15 gallons of herbicide leaked from a commercial lawn maintenance service truck onto Johnson Drive. The spill was contained and remediated by the company's employees. The second occurred on October 23 on City property at the re-fueling station at City Hall. The spill was a result of overfilling a City vehicle. Approximately 5 gallons of diesel fuel spilled onto the pavement. The spill was contained and remediated by City staff.

The City Fire Department also responded to a spill on January 10, 2014. The spill occurred at a filling station on Redford Blvd. The product spilled was DEF (diesel exhaust fluid) and was the result of a leaking service pump. Employees of the filling station applied oil dry to contain the spill and North Shore Environmental was contacted regarding the remediation of the spill.

• Construction Site Pollutant Control

The Building Inspection Department performed 583 erosion control/bond inspections in 2013. The Public Works Department and its consultants conducted 592 erosion control inspections of private development construction sites and 146 erosion control inspections of City construction sites. A total of six Notices of Noncompliance and three Notices of Violation were issued in 2014. There were four Recommendations for Fines as a result of erosion control violations resulting in approximately \$4000.00 in recommended fines.

• Post-Construction Storm Water Management

The City received three post construction site storm water management reports in 2014 for private facilities. The City conducted three pond inspections (two Wagner Park Ponds and the Stone Ridge Pond) and surveyed five ponds in 2014 (two owned by the City and three private). The purpose of the surveys is to assess the capacity of the ponds and to determine if any maintenance needs to be performed. Five additional private ponds were planned to be surveyed in 2014 have been postponed until 2015 pending owner permission granting access. The private ponds surveyed and to be surveyed are all pre-2004 ponds which the City is looking to solidify maintenance agreements and verify pollutant removals.

• Pollution Prevention

The City performed catch basin/storm inlet inspection and cleaning in accordance with our plan. An estimated 5.4 tons of material was removed as a result of the cleaning. Approximately 1872 miles of roadway was swept in 2014 netting of 64 tons of solids captured. Sediments captured under both programs were disposed of properly. Ditch cleaning performed by the City netted 273 tons of solids removed. Maintenance was performed on approximately 1559 lineal feet of ditches.

Leaves and grass clippings are accepted at City Hall and then taken to the County for recycling. In 2014 approximately 494 tons of leaves were taken to the County site.

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

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

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

Matt Stevens, Highway Superintendent, 262-691-0771

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

The City uses road salt and salt brine in various combinations depending on weather conditions and road temperatures. The salt brine is used either alone as a pretreatment of the road surface ahead of a storm or in combination with road salt to act as a pre-wetting agent in order to increase the efficiency of the salt.

Describe the type of equipment used to apply the products.

The products are applied utilizing single and dual axel trucks with brine tank/sprayers mounted to the trucks.

Report the amount of product used per month.

The amount of product used per month varied depending on the type of precipitation event and the temperature of the road. In general, 2150 tons of road salt was applied for the months of January, February, March, November and December of 2014. This would average approximately 430 tons per month during the winter plowing season. Over those same months approximately 10140 gallons of salt brine was utilized for an average of 2028 gallons per month during the winter plowing season. By contrast in 2013 approximately 4500 tons of salt and 20704 gallons of brine were applied to City streets during the winter plowing season. This would yield an average of 900 tons per month of salt and 4140 gallons per month of brine for the same five month period. (See Exhibit B regarding road salt and brine use for winter season plowing.)

The large difference between the salt/brine use for 2013 versus the 2014 winter seasons can be seen from the snowfall totals for Milwaukee (see Exhibit C). During the 2013 to 2014 winter season between 62 and 64 inches of snowfall was recorded for Milwaukee. During the 2014 to 2015 winter season between 40 and 42 inches of snow was recorded for Milwaukee. The actual benefits of utilizing the brine solution for deicing and pre wetting will require more time to determine. As the City collects more data on usage and pavement temperatures in relation to climactic data (total snowfall), it should become a little clearer on how effective the brine solution is on reducing salt use.

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

The City utilizes the City Hall site and the end of Yench Road as disposal locations for excess snow. During the 2014 winter season, approximately 8 single axel dump truck loads were brought to the City Hall Site (approx. 40 cubic yards).

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

As described earlier, the City utilizes a salt brine solution for pre-wetting applications of road salt as well as for use as a stand alone deicer for critical areas. The estimated cost savings at the time the decision was made to utilize a brine solution as a pre-wetting/deicing agent was between 10 and 20 percent over road salt alone.

The equipment utilized is calibrated by the manufacturer at the time of delivery. Salt applications are set based upon the ground speed of the vehicle and the temperature of the pavement. The brine solution used to for pre wetting the salt is set not to exceed 10 gallons per ton with 8 gallons per ton being typical.

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

None.

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

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

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

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

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

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

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

d. Storm Water Quality Management: Has the municipality completed a pollutant-loading analysis to assess compliance with the 20% TSS reduction developed urban area performance standard?  Yes  No

If yes, provide the following: Model used WinSlamm Version 9.4 Reduction (%) 59

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

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

If yes, describe:

The City reviewed all of the municipally and privately owned facilities for retrofitting to meet the 40 percent removal requirements under the water quality modeling update in 2011. The City currently achieves a 31 percent reduction in TSS loading from roadside swales and a 28 percent reduction in TSS loading from existing wet ponds.

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

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

f. Storm Sewer System Map: Describe any changes or updates to the storm sewer system map made in the reporting year. Provide an updated map if any changes occurred during the reporting year.

The City has had 6 residential subdivisions/additions constructed since 2013. As a part of a system wide inventory started in 2014, the City will be submitting a new system map as soon as the inventory is complete.

**SECTION VI. Fiscal Analysis**

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

See Exhibits D and E.

**SECTION VI. Fiscal Analysis (continued)**

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

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

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

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

The storm water utility was established to provide a consistent funding stream to address storm water deficiencies in terms of quantity, quality, maintenance and permit compliance components. Borrowing for capital improvement projects may occur when utility funds are not sufficient.

**SECTION VII. Inspections and Enforcement Actions**

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

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

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

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

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

d. As of the date of this annual report, has the municipality adopted any other ordinances it has deemed necessary to implement a program under the general permit (e.g., pet waste ordinance, leaf management/yard waste ordinance, parking restrictions for street cleaning, etc.)?    Yes    No   If yes, attach copy or provide web link to ordinance:

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

The Building Inspection Department performed 583 erosion control/bond inspections in 2013. The Public Works Department conducted 592 erosion control inspections of private development construction sites and 146 erosion control inspections of City construction sites. A total of six Notices of Noncompliance and three Notices of Violation were issued in 2014. There were four Recommendations for Fines as a result of erosion control violations resulting in approximately \$4000.00 in recommended fines.

City Staff and Fire Crews responded to three spills within the community during the reporting period.

**SECTION VIII. Water Quality Concerns**

a. Does any part of the MS4 discharge to an outstanding resource water (ORW) or exceptional resource water (ERW) listed under s. NR 102.10 or 102.11, Wis. Adm. Code? (A list of ORWs and ERWs may be found on the Department's Internet site at: <http://dnr.wi.gov/topic/surfacewater/orwerw.html>)    Yes    No   If yes, list:

b. Does any part of the MS4 discharge to an impaired waterbody listed in accordance with section 303(d)(1) of the federal Clean Water Act, 33 USC § 1313(d)(1)(C)? (A list of the most current Wisconsin impaired waterbodies may be found on the Department's Internet site at: <http://dnr.wi.gov/water/impairedsearch.aspx?status=303d>)    Yes    No   If yes, complete the following:

- Impaired waterbody to which the MS4 discharges:  
Spring Creek, Un-named Tributary to Spring Creek and the Fox River.

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

- Description of actions municipality has taken to comply with section 1.5.2 of the MS4 general permit for discharges of pollutant(s) of concern to an impaired waterbody:

The City has enacted ordinances which address phosphorous in fertilizers, construction site erosion control and post construction site storm water management. The City will look for opportunities to improve the water quality of its storm water runoff into these waterways as projects develop and are undertaken. Future controls necessary to comply with the establishment of TMDL's and WLA's for those waterways will be addressed at such times as they are established.

- c. Identify any known water quality improvements in the receiving water to which the MS4 discharges during the reporting period.  
At this time the City is unaware of any improvement in the water quality of the 303(d) waters within the community.
- 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.  
At this time the City is unaware of any degradation in the water quality of the 303(d) waters within the community.

**SECTION IX. Proposed Program Changes**

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

The City is currently looking to update its construction site erosion control and post-construction site storm water management ordinances this year. Draft submittals should be made to the DNR late spring or early summer of this year.

The City will also be preparing a new comprehensive storm water management plan in 2015 or 2016. The new plan will address both water quality and quantity needs within the community.

**SECTION X. Other**

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

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

Program Element	Annual Expenditure		Budget		Source of Funds
	2014	2014	2014	2015	
Public Education and Outreach					
Public Involvement and Participation					
Illicit Discharge Detection and Elimination					
Construction Site Pollutant Control					
Post-Construction Storm Water Management					
Pollution Prevention					
Storm Water Quality Management (including pollutant-loading analysis)					
Storm Sewer System Map					
Other:					

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

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

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

# Exhibit A

## **2014 Activity Summary Report**

### **Waukesha County Storm Water Education Program**

As part of the agreements Waukesha County has with 25 participating communities, and as required in our storm water discharge permits from DNR, an annual report of storm water education activities is required. This report represents a summary of the activities Waukesha County has been involved with during 2014, sorted by the target audience.

#### **Target Audience: Contractors, Developers, Consultants and Municipal officials**

- Held annual storm water workshop in April, focused on storm water regulations, planning and BMP updates. Workshop was filled with 96 people and received very positive ratings in evaluations.
- Presented to 35 people statewide in Water Star webinar on BMP Maintenance.
- Presented to 1 municipal board meeting with 25 in attendance with information on the storm water program as well as recycling updates.
- Hosted national webinar for municipalities on BMP maintenance.

#### **Target Audience: General Public**

- One school group and one municipality stenciled storm drains with “dump no waste” message.
- Made one TV appearance on the Morning Blend promoting composting and recycling.
- Produced and released 8 different news articles or ads on various topics such as rain gardens, stream monitoring, rain barrels and water conservation.
- Distributed over 100,000 newsletters with recycling and storm water information
- Presented hands-on programs on storm water runoff and pollution prevention actions to 456 county residents at 13 different events/locations.
- Toured the display boards to 30 different community events/locations with an estimated audience of over 21,000 people. The display covers basic storm drain and runoff information as well as specific information on rain gardens, rain barrels, shoreland restoration, pet waste, car washing, fertilizer, chemical use and more.
- Gave 6 presentations on rain gardens and rain barrels to 138 people.
- Sold 53 rain barrels in promotional 1 day sale.
- Sold and distributed 3900 rain garden plants to 64 people through the Graham Martin Foundation grant program.
- Provided equipment and maintained 40 stream monitoring sites throughout the county. Of these, 34 sites were monitored at level 1 and 7 sites were monitored at level 2. Nineteen new volunteers were trained this year and a waiting list is established for 2015.
- Taught 21 yard care/composting classes to 498 people.
- Sold over 55 compost bins through special sales.
- Composted over 4200 tons of community yard waste at the Waukesha County Yard Waste Composting site in the Town of Genesee.

- Collected over 211,000 pounds of household and agricultural hazardous waste from 4 permanent county collection points and several seasonal sites with a total of nearly 4900 participants.
- Taught 3 Green Cleaning classes to 51 people.

### **Teachers and Students**

- Trained 10 local teachers through a week-long Wisconsin Education Innovations Summer Academy course. Training included soils and erosion, natural resources, composting, water pollution, watershed management and groundwater protection.
- Trained 14 teachers/naturalists in Project WET (Water Education for Teachers), a hands-on supplement of water related educational activities.
- Presented at 16 schools to over 1400 students information on runoff pollution and how to prevent it.
- Provided field experience in water testing for 12 schools and over 660 students.
- Funded two water projects through the Green Schools program. Through this program, the county offers technical and financial assistance in recycling, waste reduction, water conservation and water pollution control activities. Projects included expanding a rain garden at St. Paul's in Genesee Depot and a rain barrel at Prairie Hill Waldorf School.

# Exhibit B

**Road Salt / Deicers Usage  
City of Pewaukee  
2010-2011**

Date(s) of Event	Activity	Salt Brine Used (gal)	Product Used (mix=salt/sand)	Amount of Product Used (Tons)	Air Temperature Range during event (°F)	Pavement Temperature Range during event (°F)	Precipitation Amount (inches)	Hours of Event (worked)	# of Drivers/# of Trucks	Hours of Post-Event Clean-Up	Other Information
4-Dec-10	Plow	0	Salt	128	23 to 30		3		8		
9-Dec-10	Plow	0	Salt	145	19 to 23		2		8		
12/11/2010 to 12/12/2010	Plow	0	Salt	290	0 to 30		2.5		8		Storm began as drizzle before changing to snow
12/20/2010 to 12/21/2010	Plow	0	Salt	160	25 to 31		2		8		Due to drop in temp, slush and light drizzle on road turned to ice
30-Dec-10	Salting Only	0	Salt	80	16 to 40		Ice		8		Early am event
4-Jan-11	Salting Only	0	Salt	80	10 to 24		1		8		Start flurries at approx 2 pm
5-Jan-11	Salting Only	0	Salt	80	10 to 20		0.5		8		
11-Jan-11	Plow	0	Salt	160	17 to 27		3		8		
14-Jan-11	Salting Only	0	Salt	80	15 to 24		0.25		8		
15-Jan-11	Plow	0	Salt	90	13 to 22		2.5		8		Overnight snowfall
01/17/2011 to 01/18/2011	Plow	0	Salt	260	13 to 30		5		8		Snow start at approx 7 am
22-Jan-11	Salting Only	0	Salt	90	5 to 20				8		
27-Jan-11	Plow	0	Salt	120	5 to 22		3		8		Snow start at approx 4:30 am
29-Jan-11	Salting Only	0	Salt	90	20 to 26		0		8		Ice
31-Jan-11	Plow	0	Salt	90	15 to 23		2		8		Snow start at approx 8:30 am
1-Feb-11	Plow	0	Salt	120	8 to 20		8		9		Blizzard
2-Feb-11	Plow	0	Salt	120	9 to 24		11		9		Blizzard - multiple day clean up
6-Feb-11	Salting Only	0	Mix	90	22 to 30		Trace		8		
7-Feb-11	Salting Only	0	Mix	80	11 to 20		Trace		7		
8-Feb-11	Salting Only	0	Salt	80	0 to 11		Trace		7		
20-Feb-11	Salting Only	0	Mix	160	22 to 32		1		8		Rain, sleet, snow and freezing rain mix event
21-Feb-11	Plow	0	Mix	90	15 to 25		3.2		8		See above
22-Feb-11	Plow	0	Mix	90	19 to 21		2		8		See above
02/26/2011 to 02/27/2011	Plow	0	Mix	180	16 to 23		2		8		
5-Mar-11	Salting Only	0	Mix	80	22 to 33		Trace		8		

Road Salt / Deicers Usage  
City of Pewaukee  
2010-2011

Date(s) of Event	Activity	Salt Brine Used (gal)	Product Used (mix=salt/sand)	Amount of Product Used (Tons)	Air Temperature Range during event (°F)	Pavement Temperature Range during event (°F)	Precipitation Amount (inches)	Hours of Event (worked)	# of Drivers/# of Trucks	Hours of Post-Event Clean-Up	Other Information
9-Mar-11	Plow	0	Mix	80	20 to 34		3		8		rain, snow, sleet
24-Mar-11	Salting Only	0	Salt	90	19 to 25		1		8		

**Road Salt / Deicers Usage  
City of Pewaukee  
2011-2012**

Date(s) of Event	Activity	Salt Brine Used (gal)	Product Used (mix=salt/sand)	Amount of Product Used (Tons)	Air Temperature Range during event (°F)	Pavement Temperature Range during event (°F)	Precipitation Amount (inches)	Hours of Event (worked)	# of Drivers/# of Trucks	Hours of Post-Event Clean-Up	Other Information
17-Dec-11	Plow	450	Salt	80	23 to 28		1	28	7	0	Started at 2 am ended 7 am
29-Dec-11	Salting Only	450	Salt	80	28 to 30		Ice	32	8	0	Rain at 4:30 am ended 7:30 am
1-Jan-12	Plow	450	Salt	80	30 to 32		1	30	8	0	Rain @ 4:00 am switched to snow 1"
2-Jan-12	Plow	450	Salt	90	19		1	32	8	0	1" overnight with 40 mph winds
12-Jan-12	Plow	1200	Salt	220	32 to 15		6	52	8	24	10:00 am start 6" total Ended 3:00 am o the 13th
17-Jan-12	Plow	1000	Salt	160	29 to 23		4	64	8	12	5:30am start snow @6:00am done @ noon
20-Jan-12	Plow	800	Salt	120	15 to 20		3	90	8	0	3"Started @ noon ended @ 7 PM
22-Jan-12	Salting Only	400	Salt	60	32		Ice	24	8	0	Freezing Rain started @4:30 PM
23-Jan-12	Salting Only	500	Salt	60	32		Ice	24	8	0	Freezing rain throughout the the night
28-Jan-12	Plow	450	Salt	80	26		1	32	8	0	10 PM start ended 3AM 1"
9-Feb-12	Pre-Wetting	1100									Pre-storm Pre- Wet
10-Feb-12	Plow	450	Salt	120	32 to 18		3	64	8	0	11 AM start 5PM
13-Feb-12	Pre-Wetting	1050									Pre-storm Pre- Wet
14-Feb-12	Plow	500	Salt	70	29		1	32	8	0	3 PM start 1 AM ended
21-Feb-12	Plow	450	Salt	80	31		2	31	8	0	5AM start 8Am ended 2"
23-Feb-12	Pre-Wetting	1425									Pre-storm Pre- Wet
24-Feb-12	Plow	925	Salt	120	30		4	32	8	24	Started 8PM ended 6 Am on 24th
1-Mar-12	Pre-Wetting	1450									Pre-storm Pre- Wet
2-Mar-12	Plow	700	Salt	120	30		5	29	8	0	Started at 2 pm and ended at 6 pm
<b>Total Brine Used (gal)</b>		<b>14200</b>	<b>Total Salt Used (tons)</b>		<b>1540</b>				<b>Number of Entries</b>		<b>18</b>

**Road Salt / Deicers Usage  
City of Pewaukee  
2012-2013**

Date(s) of Event	Activity	Salt Brine Used (gal)	Product Used (mix=salt/sand)	Amount of Product Used (Tons)	Air Temperature Range during event (°F)	Pavement Temperature (°F)	Precipitation Amount (inches)	Hours of Event (worked)	# of Drivers/# of Trucks	Hours of Post-Event Clean-Up	Other Information
7-Dec-12	Pre-Wetting	1200									Pre-storm Pre-Wet
18-Dec-12	Pre-Wetting	1375									Pre-storm Pre-Wet
18-Dec-12	Plow	500	Salt	140	32 to 34		2	45	9	0	Started at 2 pm and ended at 6 pm
19-Dec-12	Pre-Wetting	650									Pre-storm Pre-Wet
20-Dec-12	Plow	600	Salt	120	32 to 36		6	100	9	0	I am started with 3 inches by morning; switched to rain 1.30 inches.....
21-Dec-12	Plow	500	Salt	120	28		3	36	9	0	Clean up from night before
28-Dec-12	Plow	500	Salt	100	29		1	27	9	0	7 am start 1 inch
29-Dec-12	Plow	500	Salt	110	27		1	32	8	0	5:30 start 1 inch
29-Dec-12	Plow	600	Salt	110	26		1	27	8	0	All day snow 1 inch
5-Jan-13	Salting Only	400	Salt	120	31		0.5	24	7	0	4 pm start 0.5 inch salt run
13-Jan-13	Plow	500	Salt	110	23		1	30	8	0	1 inch overnight
13-Jan-13	Plow	350	Salt	90	16		0	32	8	0	Had to re-plow and salt; roads wouldn't melt
23-Jan-13	Salting Only	350	Salt	90	14		0.5	20	7	0	Light dusting; temperatures dropping
27-Jan-13	Plow	450	Salt	140	28		1	28	8	0	1 inch of snow turned to rain
28-Jan-13	Salting Only	500	Salt	150	32		Ice	32	8	0	Roads refroze with rain turning to ice
30-Jan-13	Salting Only	500	Salt	150	33		Ice	16	8	0	Rain changing to ice; no accumulation
30-Jan-13	Plow	500	Salt	120	33		2	32	8	0	Snow; 2 inches by mid-morning
30-Jan-13	Plow	400	Salt	100	28		1	32	8	0	1 inch of additional snow with full clean-up
31-Jan-13	Plow	250	Salt	120	16		0.5	24	8	0	Light dusting with temperatures dropping and high winds
2-Feb-13	Plow	0	Salt	100	13		2	36	8	0	10 pm snow began; snow ends at 5 am
4-Feb-13	Plow	0	Salt	100	10		2	36	9	0	3 am start
4-Feb-13	Plow	0	Salt	80	8					0	Clean up from morning run
5-Feb-13	Plow	500	Salt	80	17		2	36	8	0	Started at 11 am and ended at 1 pm
7-Feb-13	Plow	700	Salt	150	28		7	36	9	0	Snow started at 11 am and ended at 11 pm
8-Feb-13	Plow	500	Salt	80	20			54	9	0	Clean up from 2/7
13-Feb-13	Plow	672	Salt	60	22		3	27	9	0	Pre-storm Pre-wet; 3 inches of snow
14-Feb-13	Plow	500	Salt	60	33		Ice	24	9	0	Light rain turning to ice
15-Feb-13	Salting Only	450	Salt	70	13		0.5	24	7	0	Light snow overnight
19-Feb-13	Plow	500	Salt	90	16		2	36	9	0	0.5 inch rain changed over to snow
19-Feb-13	Plow	400	Salt	90	16			40	9	0	Second run for storm slush and ice
22-Feb-13	Plow	500	Salt	90	30		5	36	9	0	2 am start with 5 inches ending be 6 am
22-Feb-13	Plow	40	Salt	60	32			24	8	0	Clean up from storm
25-Feb-13	Pre-Wetting	1497	Salt								Pre-storm Pre-wet
26-Feb-13	Plow	500	Salt	60	31		7	27	9	0	Start of Storm
27-Feb-13	Plow	500	Salt	36	32			36	9	0	Beginning of clean up
27-Feb-13	Plow	500	Salt	45	32			48	9	0	Finished clean up
28-Feb-13	Salting Only	500	Salt	40	32		0.5	20	8	0	Dusting overnight
5-Mar-13	Plow	500	Salt	50	30		3	36	9	0	9 am snow started; out until rush hour

**Road Salt / Deicers Usage  
City of Pewaukee  
2012-2013**

Date(s) of Event	Activity	Salt Brine Used (gal)	Product Used (mix=salt/sand)	Amount of Product Used (Tons)	Air Temperature Range during event (°F)	Pavement Temperature Range during event (°F)	Precipitation Amount (inches)	Hours of Event (worked)	# of Drivers/# of Trucks	Hours of Post-Event Clean-Up	Other Information
6-Mar-13	Plow	500	Salt	70	30		3	36	9	0	3 am start total cleanup
6-Mar-13	Plow	500	Salt	40	32		0	24	8	0	Slush run
12-Mar-13	Salting Only	500	Salt	54	28		0.5	24	9	0	Rain chaging to ice; no accumulation
15-Mar-13	Pre-Wetting	695	Salt								Pre-storm Pre-wet
16-Mar-13	Salting Only	500	Salt	45	30		0.5	24	9	0	Light dusting
18-Mar-13	Plow	400	Salt	50	31		2	27	9	0	Started at 8 am and done at 5 pm
19-Mar-13	Salting Only	200	Salt	30	12		0	24	9	0	Temps dropped overnight; spotty ice
		<b>22679</b>		<b>3520</b>					<b>44</b>		
		<i>Total Brine Used (gal)</i>		<i>Total Salt Used (tons)</i>					<i>Number of Entries</i>		

**Road Salt / Deicers Usage  
City of Pewaukee  
2013-2014**

Date(s) of Event	Activity	Salt Brine Used (gal)	Product Used (mix=salt/sand)	Amount of Product Used (Tons)	Air Temperature Range during event (°F)	Pavement Temperature Range during event (°F)	Precipitation Amount (inches)	Hours of Event (worked)	# of Drivers/# of Trucks	Hours of Post-Event Clean-Up	Other Information
25-Nov-13	Salting Only	250	Salt	70	30	30	2	60	8	0	2" started at 6:30 am and ended at 11:00 am
8-Dec-13	Plow	400	Salt	60	23	21	2	38	9	0	2" started at 10:00 am
9-Dec-13	Plow	300	Salt	70	16	16	3	45	9	0	Snowed throughout the night; 3:00 am start
9-Dec-13	Plow	200	Salt	60	23	25	0			27	
10-Dec-13	Plow	0	Salt	60	5	7	Drifting	28	7	0	30 mph wind from the West
10-Dec-13	Plow	0	Salt	80	5	7	Drifting	12	4	0	30 mph wind from the West
11-Dec-13	Plow	0	Salt	60	7	9	1	27	9	0	1" started at 3:00 am
11-Dec-13	Plow	0	Salt	60	8	17	Drifting	15	5	0	2.5 mph wind from the Northwest
14-Dec-13	Plow	450	Salt	70	22	25	2	36	9	0	2" started at 2:00 am with another 2" during the day
14-Dec-13	Plow	450	Salt	70	26	28	2	40	9	0	
15-Dec-13	Plow	0	Salt	70	12	17	0.5	27	9	0	0.5" started at 2:00 am
16-Dec-13	Plow	450	Salt	70	15	18	2	27	9	0	2" Clipper started @ 3:30 and ended at 7:30
17-Dec-13	Plow	450	Salt	70	21	20	0.5	27	9	0	0.5" from 5:00 am to 7:00 am
19-Dec-13	Plow	0	Salt	70	29	31	Ice	20	9	0	Rain with freezing rain
20-Dec-13	Plow	0	Salt	90	26	22	Ice	32	9	0	Freezing rain
21-Dec-13	Plow	0	Salt	80	28	28	Ice	27	9	0	Freezing rain
21-Dec-13	Plow	0	Salt	70	26	28	Ice	18	9	0	Freezing rain
22-Dec-13	Plow	900	Salt	120	29	31	9	99	9	0	9" started at 3:00 am
23-Dec-13	Plow	200	Salt	60	22	24	0.5	18	7	0	0.5" overnight
24-Dec-13	Plow	0	Salt	60	0	4	1	27	9	0	1" overnight
25-Dec-13	Plow	200	Salt	60	17	19	2	32	9	0	2" overnight
26-Dec-13	Plow	200	Salt	60	18	19	0.5	36	8	0	0.5" overnight
31-Dec-13	Plow	0	Salt	60	2	8	1	27	9	0	1" overnight
31-Dec-13	Plow	0	Salt	80	7	13	1	24	9	0	1" started at 3:00 pm
1-Jan-14	Plow	200	Salt	60	15	21	2	32	9	0	2" started at 7:00 am
2-Jan-14	Plow	300	Salt	60	18	22	2	27	9	0	2" started at 5:00 am
4-Jan-14	Plow	400	Salt	60	29	30	1	27	9	0	30 mph winds from Southwest and 1" of snow
10-Jan-14	Plow	400	Salt	30	35	34	Ice	27	9	0	Heavy freezing rain
10-Jan-14	Plow	200	Salt	40	36	35	Ice	27	9	0	Heavy freezing rain with 0.5" of ice
11-Jan-14	Plow	400	Salt	40	33	32	Ice	27	9	0	Roads refroze overnight
14-Jan-14	Plow	0	Salt	50	25	24	3	27	9	0	Still snowing back at 3:00 am
15-Jan-14	Plow	0	Salt	50	12	14	0	42	9	0	Total clean-up
16-Jan-14	Plow	300	Salt	40	27	25	0.5	25	9	0	Light dusting
17-Jan-14	Plow	400	Salt	50	18	15	1	30	9	0	1" all day snow
18-Jan-14	Plow	400	Salt	50	15	19	1	24	8	0	1" all day snow
20-Jan-14	Plow	0	Salt	40	13	15	1	25	9	0	1" all day snow
22-Jan-14	Plow	0	Salt	50	13	18	0.5	27	9	0	Light dusting
25-Jan-14	Plow	200	Salt	60	16	12	2	38	9	0	2" with a 40 mph wind and heavy drifting

**Road Salt / Deicers Usage  
City of Pewaukee  
2013-2014**

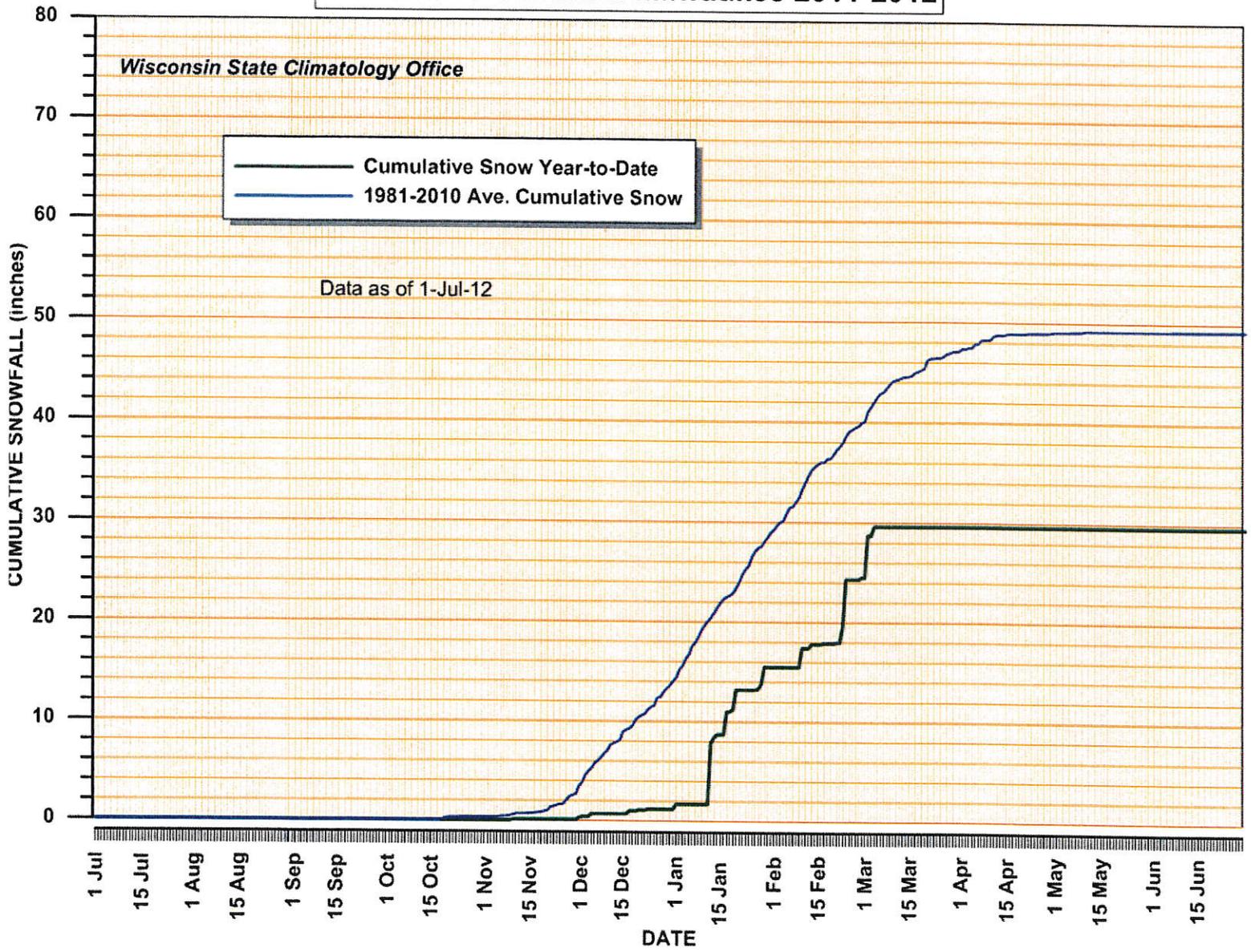
Date(s) of Event	Activity	Salt Brine Used (gal)	Product Used (mix=salt/sand)	Amount of Product Used (Tons)	Air Temperature Range during event (°F)	Pavement Temperature Range during event (°F)	Precipitation Amount (Inches)	Hours of Event (worked)	# of Drivers/# of Trucks	Hours of Post-Event Clean-Up	Other Information
26-Jan-14	Plow	0	Salt	60	15	12	3	45	9	0	3" started at 3:00 am
27-Jan-14	Plow	0	Salt	50	0	2	Drifting	72	9	0	40 mph wind out of the Northwest
30-Jan-14	Plow	400	Salt	50	26	28	1	30	9	0	1" from fast moving system
1-Feb-14	Plow	500	Salt	60	15	18	2	74	9	0	All day snow
5-Feb-14	Plow	40	Salt	50	20	23	2	30	9	0	2" overnight
8-Feb-14	Plow	100	Salt	40	15	12	1	32	9	0	1" from fast moving system
12-Feb-14	Salting Only	400	Salt	50	20	18	0.5	27	9	0	0.5" in 4 hours
13-Feb-14	Plow	400	Salt	40	26	28	2	36	9	0	2" from fast moving system
17-Feb-14	Plow	500	Salt	70	25	26	6	96	9	0	6" all day snow
20-Feb-14	Plow	200	Salt	30	32	31	1	36	9	0	freezing rain turning to snow
21-Feb-14	Salting Only	200	Salt	30	26	26	0	18	9	0	1" of rain with temps dropping
27-Feb-14	Plow	0	Salt	40	0	1	0.5	27	9	0	Light dusting of snow
1-Mar-14	Plow	400	Salt	40	15	16	2	30	9	0	2" overnight
2-Mar-14	Plow	0	Salt	50	6	8	2	42	9	0	2" overnight
4-Mar-14	Plow	200	Salt	50	13	15	3	64	9	0	3" from fast moving system
5-Mar-14	Plow	200	Salt	50	16	18	0.5	27	9	0	Light dusting of snow
25-Mar-14	Plow	300	Salt	40	18	22	1	30	9	0	1" overnight
<b>Total Brine Used (gal)</b>		<b>11490</b>	<b>Total Salt Used (tons)</b>	<b>3160</b>	<b>Average Air Temp per Entry (deg F)</b>	<b>18.7</b>	<b>Average Pavement Temp. per Entry (deg F)</b>	<b>20.13</b>	<b>Number of Entries</b>	<b>54</b>	

**Road Salt / Deicers Usage  
City of Pewaukee  
2014-2015**

Date(s) of Event	Activity	Salt Brine Used (gal)	Product Used (mix=salt/sand)	Amount of Product Used (Tons)	Air Temperature Range during event (°F)	Pavement Temperature Range during event (°F)	Precipitation Amount (Inches)	Hours of Event (worked)	# of Drivers/# of Trucks	Hours of Post-Event Clean-Up	Other Information
15-Nov-14	Plow	400	Salt	80	24	27	2	27	9	0	2" of snow; very icy
16-Nov-14	Salting Only	300	Salt	60	27	29	1	27	9	0	1" overnight
19-Nov-14	Salting Only	300	Salt	70	18	21	1	24	8	0	1" of snow; 7:00 am run
22-Nov-14	Salting Only	400	Salt	40	30	32	Ice	22	6	0	Light icing
24-Nov-14	Plow	400	Salt	80	28	30	3	36	8	0	3" total precip; rain changing to snow
25-Nov-14	Plow	300	Salt	80	25	28	2	45	9	0	2" overnight
28-Nov-14	Salting Only	300	Salt	60	29	28	Ice	18	9	0	Light icing
2-Dec-14	Plow	300	Salt	80	28	27	1	36	9	0	1" overnight; fast moving system
8-Dec-14	Salting Only	200	Salt	60	34	31	Ice	22	8	0	Light icing
18-Dec-14	Plow	200	Salt	60	31	30	Ice	24	8	0	Light icing
3-Jan-15	Plow	300	Salt	120	32	29	3	36	9	0	3" changing to freezing rain
4-Jan-15	Plow	0	Salt	80	10	13	2	96	9	0	2" of blowing snow
6-Jan-15	Plow	0	Salt	80	0	4	2	45	9	0	2" of blowing snow
8-Jan-15	Plow	0	Salt	120	0	3	3	27	9	0	3" of snow with high winds
8-Jan-15	Plow	0	Salt	80	-2	0	1	30	9	0	1" during rush hour
9-Jan-15	Plow	0	Salt	80	6	8	2	30	9	0	2" overnight
9-Jan-15	Plow	0	Salt	80	8	12	0	21	7	0	Drifting and sleet run
21-Jan-15	Plow	300	Salt	90	27	28	2	24	9	0	2" overnight
25-Jan-15	Salting Only	300	Salt	60	27	26	0.5	21	9	0	Light dusting of snow
26-Jan-15	Plow	400	Salt	70	24	26	1	24	9	0	1" overnight; fast moving system
29-Jan-15	Salting Only	100	Salt	50	34	31	Ice	18	9	0	Light icing
1-Feb-15	Plow	0	Salt	120	10	14		40	9	0	Beginning of storm
1-Feb-15	Plow	0	Salt	120	10	14		40	9	0	
2-Feb-15	Plow	0	Salt	150	8	10	9	54	9	0	9" total accumulation with high winds
3-Feb-15	Plow	0	Salt	100	13	15	2	30	9	0	2" from fast moving system
18-Feb-15	Salting Only	0	Salt	100	3	5	1	30	9	0	Light dusting of snow
25-Feb-15	Plow	0	Salt	100	12	16	1	20	9	0	1" from fast moving system
3-Mar-15	Plow	300	Salt	120	30	27	2	36	9	0	2" from fast moving system
<b>Total Brine Used (gal)</b>		<b>4800</b>	<b>Total Salt Used (tons)</b>	<b>2390</b>	<b>Average Air Temp per Entry (deg F)</b>	<b>19.48</b>	<b>Average Pavement Temp. per Entry (deg F)</b>	<b>20.89</b>	<b>Number of Entries</b>	<b>27</b>	

# Exhibit C

# Cumulative Snowfall: Milwaukee 2011-2012

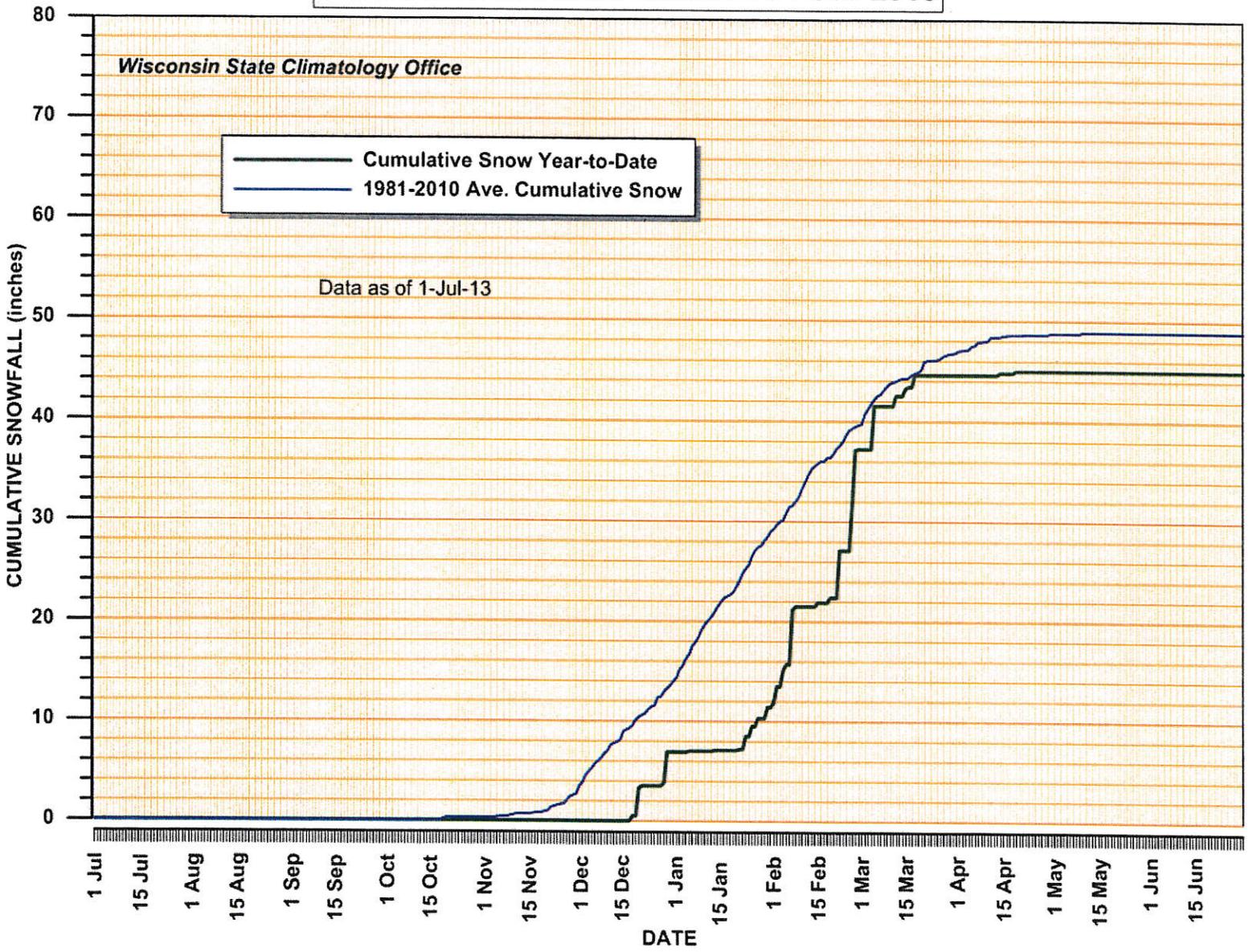


# Cumulative Snowfall: Milwaukee 2012-2013

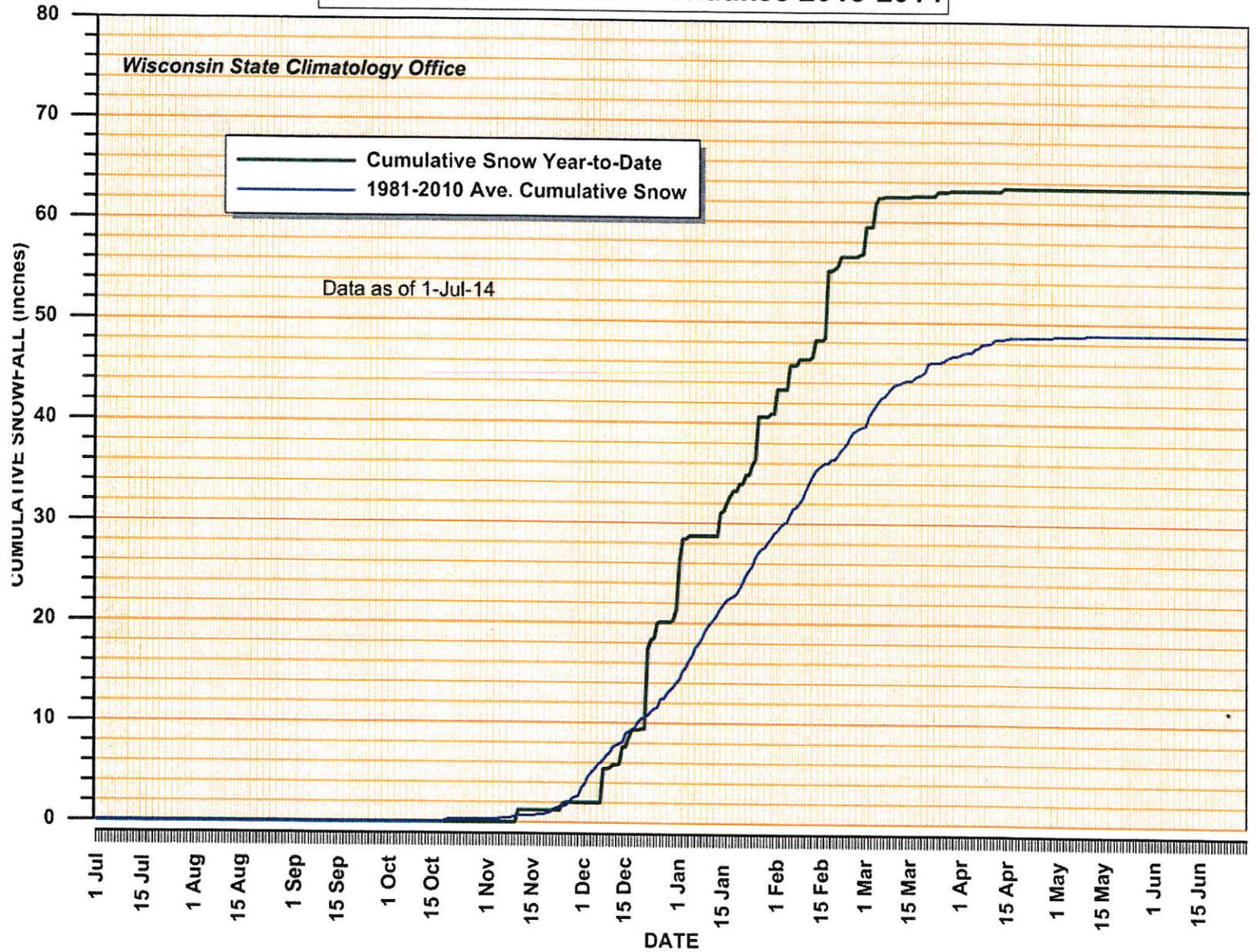
Wisconsin State Climatology Office

— Cumulative Snow Year-to-Date  
— 1981-2010 Ave. Cumulative Snow

Data as of 1-Jul-13



# Cumulative Snowfall: Milwaukee 2013-2014

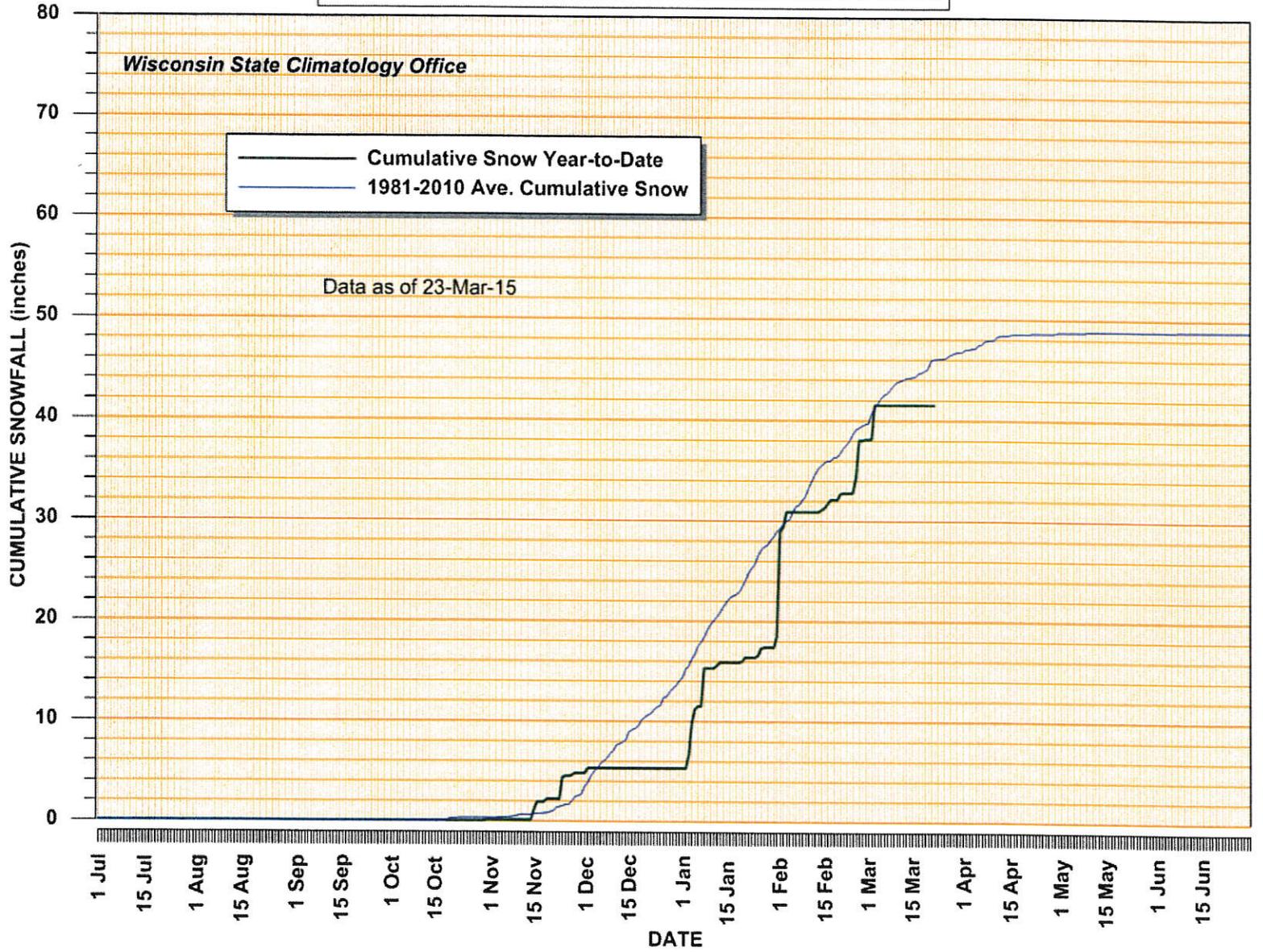


# Cumulative Snowfall: Milwaukee 2014-2015

Wisconsin State Climatology Office

— Cumulative Snow Year-to-Date  
— 1981-2010 Ave. Cumulative Snow

Data as of 23-Mar-15



# Exhibit D

**City of Pewaukee  
Interoffice Memorandum**

TO: Mayor and Common Council

FROM: Tammy LaBorde, Administrator 

DATE: March 20, 2015

RE: Report for Storm Water Management Fund – Preliminary Final

Attached please find a Draft Final summary of the various budget accounts. The summary shows the following information:

1. Account
2. 2014 Budget amount
3. Actual amount received/expended through December 31, 2014
4. Balance remaining as of December 31, 2014
5. Percent of account remaining as of December 31, 2014

If you would like to see the detailed information, please let me know.

Attachment

cc: Jeff Weigel

**STORM WATER MANAGEMENT FUND AS OF DECEMBER 31, 2014**

Account	2014 Budget	Actual as of 12/31/14	Balance Remaining	Percent Remaining
Permits	\$ 200.00	\$ 600.00	\$ (400.00)	0.00%
Outside Engineer Fees Reimb.	\$ -	\$ 65,714.00	\$ (65,714.00)	0.00%
Inhouse Engineer Services Reimb.	\$ -	\$ 22,145.00	\$ (22,145.00)	0.00%
Storm Water Services	\$ -	\$ 2,374.00	\$ (2,374.00)	0.00%
Storm Water Management Fee	\$ 1,480,000.00	\$ 1,480,908.00	\$ (908.00)	-0.06%
Erosion Control Inspections	\$ 15,000.00	\$ -	\$ 15,000.00	100.00%
Storm Water Management-Credits & Rebates	\$ (20,000.00)	\$ (23,382.00)	\$ 3,382.00	-16.91%
Storm Water Management-Credit Application Fee	\$ 600.00	\$ 250.00	\$ 350.00	58.33%
Interest on Investments	\$ 2,300.00	\$ 5,909.00	\$ (3,609.00)	-156.91%
Miscellaneous Revenue	\$ -	\$ 2,834.00	\$ (2,834.00)	0.00%
Proceeds of Long Term Debt	\$ 2,010,000.00	\$ -	\$ 2,010,000.00	100.00%
Long Term Debt Premium	\$ -	\$ -	\$ -	0.00%
Transfer from General Fund	\$ 12,350.00	\$ 12,350.00	\$ -	0.00%
Transfer from Cemetery Fund	\$ 444.00	\$ 444.00	\$ -	0.00%
<b>TOTAL REVENUES</b>	<b>\$ 3,500,894.00</b>	<b>\$ 1,570,146.00</b>	<b>\$ 1,930,748.00</b>	<b>55.15%</b>
Account	2014 Budget	Actual as of 12/31/14	Balance Remaining	Percent Remaining
Total Administration & General	\$ 177,762.00	\$ 212,719.00	\$ (34,957.00)	-20%
Total Storm Sewer Maintenance	\$ 31,415.00	\$ 22,167.00	\$ 9,248.00	29%
Total Ditch & Culvert Maintenance	\$ 96,706.00	\$ 66,773.00	\$ 29,933.00	31%
Total Public Works Yard Maintenance	\$ 5,757.00	\$ -	\$ 5,757.00	100%
Total Street Sweeping	\$ 14,106.00	\$ 20,674.00	\$ (6,568.00)	-47%
Total Catch Basin Cleaning & Maint.	\$ 70,919.00	\$ 29,802.00	\$ 41,117.00	58%
Total Permit Compliance	\$ 117,883.00	\$ 27,753.00	\$ 90,130.00	76%
Total Storm Water Projects	\$ 4,201,220.00	\$ 668,478.00	\$ 3,532,742.00	84%
Total Capital Equipment	\$ 114,000.00	\$ 48,796.00	\$ 65,204.00	57%
Total Storm Water Other Expenditures	\$ 371,295.00	\$ 326,295.00	\$ 45,000.00	12%
<b>TOTAL EXPENDITURES</b>	<b>\$ 5,201,063.00</b>	<b>\$ 1,423,457.00</b>	<b>\$ 3,777,606.00</b>	<b>73%</b>
<b>TOTAL STORM WATER MGMT. FUND</b>	<b>\$ (1,700,169.00)</b>	<b>\$ 146,689.00</b>		<b>-17%</b>
<b>Fund Balance - Beginning of Year (Est.)</b>	<b>\$ 2,109,075.00</b>			
<b>Fund Balance - End of Year</b>	<b>\$ 2,255,764.00</b>			

# Exhibit E

**CITY OF PEWAUKEE  
2015 BUDGET  
SPECIAL REVENUE - STORM WATER MANAGEMENT**

	2013 Actual	3 Month Actual	9 Month Estimate	Year End Forecast	2014 Budget	2015 Budget
<b>Revenues and Other Sources</b>						
230- 411100 0000 General Tax Levy						
230- 443070 0000 Permits	150				200	100
230- 463240 0000 Storm Water Management Fee	1,456,277	1,480,908		1,480,908	1,480,000	1,485,000
230- 435350 0000 Community Development Block Grant						
230- 443800 0000 Erosion Control Inspections					15,000	
230- 461870 0000 Outside Engineering Fees Reimbursed		1,665	12,000	13,665		15,000
230- 461890 0000 Inhouse Engineering Fees Reimbursed			5,000	5,000		5,000
230- 463110 0000 Storm Water Services			2,000	2,000		2,000
230- 463250 0000 Credits and Rebates	(9,456)	(23,241)		(23,241)	(20,000)	(20,000)
230- 463280 0000 Credit Application Fee		200	200	400	600	600
230- 481000 0000 Interest on Investments	3,091	250	2,000	2,250	2,300	1,000
230- 489000 0000 Miscellaneous				250		
230- 492100 0000 Transfer from General Fund	12,348	12,350		12,350	12,350	12,350
230- 492800 0000 Transfer from Cemetery Fund	444	444		444	444	444
230- 491100 0000 Proceeds of Long-term Debt	3,060,000				2,010,000	520,000
230- 491200 0000 Bond Premium						
Total Revenue and Other Sources	4,522,854	1,472,576	21,450	1,494,026	3,500,894	2,021,494
<b>ADMINISTRATION</b>						
<b>WAGES</b>						
230- 536500 1100 Wages	52,759	18,286	41,700	59,986	59,279	69,734
230- 536500 1200 Clerical Wages			1,500	1,500	10,000	10,000
230- 536500 1240 Highway Dept Wages			10,000	10,000	10,000	10,000
230- 536500 1280 Overtime						
230- 536500 1300 Social Security	4,864	1,399	3,094	4,493	4,493	5,292
230- 536500 1310 Health Insurance	6,038	1,730	5,491	7,221	7,221	11,512
230- 536500 1320 Dental Insurance	413	121	362	483	483	848
230- 536500 1330 Optical Insurance	158	46	112	158	158	227
230- 536500 1340 Life Insurance	160	45	93	138	138	163
230- 536500 1350 Disability Insurance	264	79	150	229	229	274
230- 536500 1360 Pension	4,228	1,280	2,831	4,111	4,111	4,604
TOTAL	79,658	22,986	65,333	88,319	96,112	112,654
<b>GENERAL</b>						
230- 536500 2100 Attorney	9,307	927	20,000	20,927	15,000	20,000
230- 536500 2130 Audit and Accounting Expenses	3,850		5,000	5,000	5,000	5,000
230- 536500 2190 Outside Engineering	8,040	1,665	2,500	4,165	10,000	10,000
230- 536500 2260 Cell Phones/Pagers					200	
230- 536500 2430 Equipment Repair & Maintenance	6,703	1,412	4,500	5,912	7,000	7,000
230- 536500 2440 Equipment Use & Rental	3,730				10,000	5,000
230- 536500 2480 Computer/Program Maintenance	320		3,500	3,500	3,000	3,000
230- 536500 2980 Training & Seminars	2,689	390	2,500	2,890	4,500	3,000
230- 536500 3110 Postage	2,386	14	3,000	3,014	5,000	3,000
230- 536500 3200 Dues, Memberships & Subscriptions	110		300	300	500	500
230- 536500 3210 Meetings & Conventions	150	85	350	435	500	500
230- 536500 3300 Mileage	140		200	200	450	450

**CITY OF PEWAUKEE  
2015 BUDGET**

**SPECIAL REVENUE - STORM WATER MANAGEMENT**

	2013 Actual	3 Month Actual	9 Month Estimate	Year End Forecast	2014 Budget	2015 Budget
230- 536500 3400 Operating Supplies	3,648	-	4,000	4,000	2,500	4,000
230- 536500 3410 Uniforms & Protective Equipment	1,221	-	1,200	1,200	1,500	1,500
230- 536500 3420 Fuel	4,827	146	6,500	6,646	9,000	7,000
230- 536500 3950 New Equipment	6,921	-	-	-	-	-
230- 536500 5110 Worker's Compensation	6,768	1,252	3,000	4,252	4,500	7,000
230- 536500 5120 Property & Liability Insurance	2,736	1,468	1,500	2,968	3,000	3,000
<b>TOTAL</b>	<b>63,546</b>	<b>7,359</b>	<b>58,050</b>	<b>65,409</b>	<b>81,650</b>	<b>79,950</b>
<b>STORM SEWER MAINTENANCE</b>						
230- 536510 1100 Wages	7,679	1,062	3,000	4,062	1,297	9,962
230- 536510 1280 Overtime	-	-	-	-	-	-
230- 536510 1300 Social Security	588	81	17	98	98	756
230- 536510 1310 Health Insurance	762	104	54	158	158	1,645
230- 536510 1320 Dental Insurance	47	5	6	11	11	121
230- 536510 1330 Optical Insurance	24	3	-	3	3	32
230- 536510 1340 Life Insurance	19	3	-	3	3	23
230- 536510 1350 Disability Insurance	32	5	-	5	5	39
230- 536510 1360 Pension	511	74	16	90	90	658
230- 536510 2150 Easement Acquisition	-	878	-	878	-	1,000
230- 536510 2200 Digger's Hotline	1,672	-	2,000	2,000	12,250	2,000
230- 536510 2400 Televising	-	-	1,500	1,500	1,500	1,500
230- 536510 3510 Storm Sewer Maintenance	10	-	1,000	1,000	1,000	1,500
230- 536510 3520 As Built's & Mapping	-	-	-	-	5,000	5,000
230- 536510 3530 Curb and Gutter Repair	7,247	-	10,000	10,000	10,000	10,000
<b>TOTAL</b>	<b>18,591</b>	<b>2,215</b>	<b>17,593</b>	<b>19,808</b>	<b>31,415</b>	<b>34,236</b>
<b>DITCH &amp; CULVERT MAINTENANCE</b>						
230- 536520 1100 Wages	34,104	4,116	35,000	39,116	42,607	45,825
230- 536520 1280 Overtime	-	354	-	354	-	-
230- 536520 1300 Social Security	2,610	315	2,915	3,230	3,230	3,478
230- 536520 1310 Health Insurance	4,848	618	4,572	5,190	5,190	7,565
230- 536520 1320 Dental Insurance	334	33	314	347	347	557
230- 536520 1330 Optical Insurance	104	12	101	113	113	149
230- 536520 1340 Life Insurance	82	11	88	99	99	107
230- 536520 1350 Disability Insurance	144	19	146	165	165	180
230- 536520 1360 Pension	2,269	313	2,642	2,955	2,955	3,025
230- 536520 2150 Easement Acquisition	-	-	-	-	-	-
230- 536520 3510 Culvert Replacement	9,963	-	30,000	30,000	30,000	30,000
230- 536520 3520 Ditch Maintenance	4,093	-	10,000	10,000	10,000	10,000
230- 536520 3530 Brush Removal	-	-	2,000	2,000	2,000	2,000
<b>TOTAL</b>	<b>58,551</b>	<b>5,791</b>	<b>87,778</b>	<b>93,569</b>	<b>96,706</b>	<b>102,886</b>
<b>PUBLIC WORKS YARD MAINTENANCE</b>						
230- 536530 1100 Wages	318	-	2,500	2,500	3,705	1,992
230- 536530 1280 Overtime	-	-	-	-	-	-
230- 536530 1300 Social Security	25	-	165	165	281	151
230- 536530 1310 Health Insurance	26	-	375	375	451	329
230- 536530 1320 Dental Insurance	2	-	25	25	30	24
230- 536530 1330 Optical Insurance	1	-	7	7	10	6

**CITY OF PEWAUKEE  
2015 BUDGET  
SPECIAL REVENUE - STORM WATER MANAGEMENT**

	2013 Actual	3 Month Actual	9 Month Estimate	Year End Forecast	2014 Budget	2015 Budget
230- 536530 1340 Life Insurance	1	-	6	6	9	5
230- 536530 1350 Disability Insurance	1	-	9	9	14	8
230- 536530 1360 Pension	22	-	200	200	257	132
230- 536530 3510 Yard Maintenance	-	-	-	-	1,000	500
<b>TOTAL</b>	396	-	3,287	3,287	5,757	3,147
<b>STREET SWEEPING</b>						
230- 536540 1100 Wages	7,743	161	8,000	8,161	9,818	9,962
230- 536540 1280 Overtime	-	-	-	-	-	-
230- 536540 1300 Social Security	593	12	612	624	744	756
230- 536540 1310 Health Insurance	2,386	51	935	986	1,196	1,645
230- 536540 1320 Dental Insurance	124	2	68	70	80	121
230- 536540 1330 Optical Insurance	24	-	21	21	26	32
230- 536540 1340 Life Insurance	18	-	19	19	23	23
230- 536540 1350 Disability Insurance	33	1	33	34	38	39
230- 536540 1360 Pension	515	11	590	601	681	658
230- 536540 3510 Sediment Dipsosal/Sweeping	178	-	1,200	1,200	1,500	1,500
<b>TOTAL</b>	11,614	238	11,478	11,716	14,106	14,736
<b>CATCH BASIN CLEANING &amp; MAINTENANCE</b>						
230- 536550 1100 Wages	32,794	2,269	25,000	27,269	24,082	45,825
230- 536550 1280 Overtime	-	-	-	-	-	-
230- 536550 1300 Social Security	2,509	174	1,651	1,825	1,825	3,478
230- 536550 1310 Health Insurance	4,845	416	2,517	2,933	2,933	7,565
230- 536550 1320 Dental Insurance	339	29	167	196	196	557
230- 536550 1330 Optical Insurance	103	7	57	64	64	149
230- 536550 1340 Life Insurance	79	5	51	56	56	107
230- 536550 1350 Disability Insurance	141	10	83	93	93	180
230- 536550 1360 Pension	2,180	159	1,511	1,670	1,670	3,025
230- 536550 3510 Catch Basin Cleaning/Maintenance/Repairs	5,149	-	40,000	40,000	40,000	40,000
<b>TOTAL</b>	48,139	3,069	71,037	74,106	70,919	100,886
<b>PERMIT COMPLIANCE</b>						
230- 536560 1100 Wages	12,968	3,017	40,000	43,017	44,459	15,939
230- 536560 1280 Overtime	-	-	-	-	-	-
230- 536560 1300 Social Security	993	231	3,139	3,370	3,370	1,210
230- 536560 1310 Health Insurance	1,180	265	5,150	5,415	5,415	2,631
230- 536560 1320 Dental Insurance	85	20	342	362	362	194
230- 536560 1330 Optical Insurance	38	8	110	118	118	52
230- 536560 1340 Life Insurance	34	7	96	103	103	37
230- 536560 1350 Disability Insurance	56	14	158	172	172	63
230- 536560 1360 Pension	863	211	2,873	3,084	3,084	1,052
230- 536560 2150 Maintenance Agreement-TSS Compliance	-	-	25,000	25,000	25,000	25,000
230- 536560 3510 Pond Inspections/Field Inventory	-	-	10,000	10,000	10,000	10,000
230- 536560 3530 Erosion Control Inspections	-	-	15,000	15,000	15,000	15,000
230- 536560 3540 Information & Education	2,467	-	10,000	10,000	10,000	7,500
230- 536560 3550 Permit Fees	1,500	-	1,500	1,500	-	1,500
230- 536560 3560 Annual Report	-	-	-	-	800	500
<b>TOTAL</b>	20,184	3,773	113,368	117,141	117,883	80,678

**CITY OF PEWAUKEE  
2015 BUDGET  
SPECIAL REVENUE - STORM WATER MANAGEMENT**

PROJECTS	2013 Actual	3 Month Actual	9 Month Estimate	Year End Forecast	2014 Budget	2015 Budget
230- 573007 8210 Meadowbrook Farms	8,031	-	-	-	-	-
230- 573009 8210 Springdale Estates Pond (RNP-4)	-	-	-	-	-	-
230- 573010 8210 Retrofit Pond (P24-2)	-	-	-	-	-	-
230- 573019 8210 Elmwood Lane	2,451	-	-	-	-	-
230- 573022 8210 Public Works Yard Bio-Infiltration Swale	-	-	15,000	15,000	-	-
230- 573025 8210 Lexington Drive Pond	-	-	-	-	-	-
230- 573039 8210 TMDL Reduction Projects	-	-	25,000	25,000	25,000	100,000
230- 573040 8210 Rocky Point Road Storm Sewer	-	-	-	-	-	10,000
230- 573038 8210 Hillside Grove Storm Sewer	-	-	10,000	10,000	45,000	40,000
230- 573023 8210 Rocky Point Subdivision I	-	-	83,200	83,200	54,720	9,300
230- 573041 8210 Rocky Point Subdivision II	-	-	6,400	6,400	6,400	81,000
230- 573045 8210 Rocky Point Oak/Peninsula	-	-	-	-	-	10,000
230- 573002 8210 Hill 'n Dale Subdivision	16,585	-	25,000	25,000	900,000	818,415
230- 573006 8210 Emerald Acres/Green Road	87,223	-	100,000	100,000	1,100,000	1,792,000
230- 573003 8210 Lindsay Road I	-	-	-	-	18,000	-
230- 573046 8210 Lindsay Road II	-	-	-	-	-	28,000
230- 573011 8210 Green Road Storm Drainage	1,840,309	(37,505)	-	-	-	-
230- 573013 8210 Sunnyridge Lane Drainage	35	(51)	-	(51)	-	-
230- 573014 8210 Valley View Drainage	772	-	-	-	-	-
230- 573015 8210 Busse Road	2,227	(1,211)	-	(1,211)	-	-
230- 573016 8210 Lakefield/Oak Springs	-	-	75,600	75,600	113,000	18,000
230- 573017 8210 Swan Road	767	-	176,400	176,400	176,400	46,600
230- 573018 8210 Weyer Road	-	-	10,000	10,000	190,000	180,000
230- 573048 8210 Duplainville (Tracks to Weyer)	-	-	-	-	-	10,000
230- 573019 8210 Elmwood Lane	-	(3,148)	-	(3,148)	-	-
230- 573020 8210 Carmelite Road	207,907	(5,999)	-	(5,999)	14,000	-
230- 573028 8210 Five Fields I	-	-	84,000	84,000	88,200	14,000
230- 573029 8210 Five Fields II	-	-	8,500	8,500	8,500	88,200
230- 573036 8210 Five Fields III	-	-	-	-	8,500	8,500
230- 573030 8210 Hickory Grove Estates	-	-	-	-	-	-
230- 573031 8210 High Road	1,250	-	-	-	97,000	-
230- 573032 8210 Sherwood Forest	-	-	-	-	15,000	-
230- 573033 8210 Lexington Drive Ditch Enclosure	233	-	20,000	20,000	75,000	-
230- 573034 8210 Woodside Drive Ditch Enclosure	-	-	25,000	25,000	50,000	-
230- 573035 8210 Springdale 2012	869	-	-	-	-	-
230- 573037 8210 Shady Lane/Shady Nook	-	-	2,000	2,000	9,000	7,000
230- 573043 8210 Bluemound East Industrial Park Paving	-	-	-	-	-	10,000
230- 573047 8210 Roundys Park I	-	-	-	-	-	14,000
230- 573049 8210 Lakeview Area I	-	-	-	-	-	15,000
230- 573044 8210 City Storm Water Study	-	-	-	-	-	250,000
230- 573042 8210 Catch Basins/Storm Inlets	-	-	150,000	150,000	-	150,000
230- 573051 8210 Duplainville Bridge (50R/50S)	-	-	-	-	-	15,000
230- 573052 8210 Busse Rd. Bridge Culvert Repl. (50R/50S)	-	-	-	-	-	15,000
<b>TOTAL</b>	<b>2,168,659</b>	<b>(47,914)</b>	<b>816,100</b>	<b>805,691</b>	<b>2,993,720</b>	<b>3,730,015</b>

**CITY OF PEWAUKEE  
2015 BUDGET  
SPECIAL REVENUE - STORM WATER MANAGEMENT**

	2013 Actual	3 Month Actual	9 Month Estimate	Year End Forecast	2014 Budget	2015 Budget
<b>CAPITAL EXPENDITURES</b>						
230- 536500 8100 Capital Equipment Expenditures	-	-	114,000	114,000	114,000	190,000
<b>OTHER EXPENDITURES</b>						
230- 582000 6980 Debt Issue Discount	-	-	-	-	20,000	-
230- 582000 6990 Debt Issue Costs	20,406	-	-	-	25,000	5,000
230- 592100 9000 Transfer to Debt Service Fund	53,122	112,257	214,038	326,295	326,295	283,888
<b>TOTAL</b>	73,528	112,257	214,038	326,295	371,295	288,888
<b>TOTAL EXPENDITURES</b>	2,542,866	109,774	1,572,062	1,719,341	3,993,563	4,738,076
Excess of Revenues Over (Under) Expenditures	1,979,988	1,362,802	(1,550,612)	(225,315)	(492,669)	(2,716,582)
<b>Fund Balance:</b>						
Beginning of Year	1,022,015	3,002,003	4,364,805	3,002,003	3,002,003	2,776,688
End of Year	3,002,003	4,364,805	2,814,193	2,776,688	2,509,334	60,106

12/31/13 Balance \$3,002,003

**Capital Equipment 2014:**

Tandem Dump Truck \$190,000

**CURRENT AND FUTURE PROJECT YEAR TOTALS**

2015	1,229,353
2016	1,675,252
2017	669,900
2018	2,658,800
2019	1,416,500
2020	705,200
2021	433,800
2022	834,200
2023	1,093,000