

2007 (Due by March 31, 2008)

For the Cities of Fitchburg, Madison, Middleton, Monona, Sun Prairie, and Verona; the Villages of DeForest, Maple Bluff, McFarland, Shorewood Hills, and Waunakee; the Towns of Blooming Grove, Burke, Madison, Middleton, Westport, and Windsor; Dane County; and the University of Wisconsin – Madison

This document is for the purpose of annual reporting on activities undertaken pursuant to WPDES Permit No. WI-S058416-2 for the above listed municipalities. An owner or operator of a municipal separate storm sewer system covered by a municipal storm water discharge permit under Chapter NR 216, Wis. Adm. Code, is required to submit an annual report to the Department of Natural Resources by March 31 of each year to report on activities for the previous calendar year. Information in the annual report will be used by the Department of Natural Resources to assist with assessing permit compliance. Use of this specific form is optional. The Department of Natural Resources has created this form for the user's convenience and believes that the information requested on this form meets the reporting requirements for an owner or operator of a municipal separate storm sewer system covered by WPDES Permit No. WI-S058416-2. However, an owner or operator of a municipal separate storm sewer system that uses and completes this form will not automatically be deemed to be in compliance with other requirements of WPDES Permit No. WI-S058416-2.

Complete and submit the annual report by March 31, 2008, to the following address: Storm Water Management Specialist, Wisconsin Dept. of Natural Resources, South Central Region, 3911 Fish Hatchery Rd., Fitchburg, WI 53711

I. MUNICIPAL INFORMATION

Name of municipality City of Fitchburg	Contact person and title Rick Eilertson, P.E., Environmental Engineer
Mailing Address 5520 Lacy Road Fitchburg, WI 53711	Telephone no. 608 270-4264
	Fax no. 608 270-4275
	E-mail address rick.eilertson@city.fitchburg.wi.us

Does the municipality have an internet website? Yes No

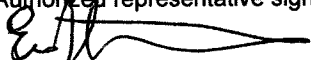
If yes, provide internet address:
<http://www.city.fitchburg.wi.us/>

If the municipality has an internet website, is there current information posted about or links provided to the municipal storm water discharge permit and the municipality's storm water management program? Yes No

If yes, provide internet address:
http://www.city.fitchburg.wi.us/public_works/stormwater.php

II. CERTIFICATION

I certify 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 the annual report.

Authorized representative printed name Rick Eilertson, P.E.	Authorized representative title Environmental Engineer
Authorized representative signature 	Date signed March 25, 2008

III. GENERAL INFORMATION

a. Has the municipality made any changes under its legal authority that affects implementation of the requirements of the municipal storm water discharge permit (e.g., changes to ordinances)? Yes No
 If yes, describe the changes in **Appendix A**.

b. List the people who attended quarterly meetings on behalf of the municipality and indicate the quarterly meetings in which the municipality was represented for the reporting year.

<u>Name</u>	<u>Title</u>	<u>Affiliation</u>
<u>Rick Eilertson</u>	<u>Environmental Engineer</u>	<u>City of Fitchburg</u>
<u>Felipe Avila</u>	<u>GIS Engr. Specialist</u>	<u>City of Fitchburg</u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

c. Quarterly meetings represented: February May August November

d. Describe in **Appendix A** how the municipality internally coordinates implementation of the requirements of the municipal storm water discharge permit between the municipality's agencies, departments, and programs. Provide any documentation on how this was accomplished, such as meeting agendas, minutes, memos, etc.

e. Describe in **Appendix A** how elected and municipal officials and appropriate staff are kept apprised of the municipal storm water discharge permit. Provide any documentation on how this was accomplished, such as meeting agendas, minutes, memos, etc.

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

If yes, date of storm water management plan:

g. Describe in **Appendix A** how the requirements of the municipal storm water discharge permit are incorporated into master planning activities, neighborhood plans, development plans, or other comprehensive planning activities.

IV. STORM WATER MANAGEMENT PROGRAM

a. Public Education and Outreach

Dane County only:

1. Has any municipality failed to submit its financial contribution in accordance with the *Intergovernmental Agreement to Create and Fund a Position Responsible for Storm Water Management Education and Outreach*? Yes No

If yes, list municipalities:

2. Attach in **Appendix B** a copy of the 2008 Information and Education work plan

3. Describe in **Appendix B** the Information and Education plan implementation and activities for the reporting year, including any materials produced and their distribution. Provide examples. Include an assessment of the effectiveness of reaching targeted audiences and delivery of intended messages.

All municipalities:

4. Describe in **Appendix B** how any materials produced by Dane County on behalf of the municipality have been used and/or distributed. Provide examples.

5. Describe in **Appendix B** any individual information and education activities undertaken for the reporting year, including any materials produced and their distribution. Provide examples. Include an assessment of the effectiveness of reaching targeted audiences and delivery of intended messages.

b. Public Involvement and Participation

1. The group permit requires that the information in this annual report be an agenda item for discussion before the appropriate governing board(s) or council(s) contemporaneous with the submittal of the annual report to the Department of Natural Resources. Accordingly, please provide the following information:

2. Name of board(s)/council(s):

Resource Conservation Committee (RCC)

Board of Public Works (BPW)

3. Date(s) of meeting(s) to discuss the annual report:

March 17, 2008 (RCC & BPW)

4. Describe in **Appendix B** the opportunities and types of forums for public involvement and participation in permit related activities that occurred during the reporting year. Include an assessment of the effectiveness of efforts to involve the public and the level of participation.

c. Illicit Discharge Detection and Elimination

1. Describe in **Appendix B** the illicit discharge detection and elimination program developed to comply with the permit. Include information on the municipality's strategy to prevent, detect, and eliminate all types of illicit discharges; how priorities are established for field screening and the methodologies to be used for field screening; and procedures for responding to and rectifying illicit discharges to the MS4, including spills, improper disposal of waste or dumping. Also include an assessment of the effectiveness of detection and elimination of illicit discharges, prevention of improper disposal of waste and dumping, the handling of spills, and any enforcement efforts involving these activities.

2. Has the municipality performed any field screening for the reporting year? Yes No

If yes, please provide documentation in **Appendix B** the results of the field screening.

3. Has the municipality investigated any instances of spills, improper disposal of waste or dumping? Yes No

If yes, please provide documentation in **Appendix B** the results of the investigations.

4. Describe in **Appendix B** how the municipality facilitates public reporting of illicit discharges.

d. Construction Site Pollution Control

1. Does the municipality notify landowners who apply for local construction or land disturbing permits of the possible applicability of Subchapter III of Chapter NR 216, Wis. Adm. Code, *Construction Site Storm Water Discharge Permits*, to the landowners' construction projects? Yes No

If yes, please explain the process for providing this notification. If no, please explain why this notification is not provided.

This notification is addressed in the Erosion Control & Stormwater Management Permit Application paperwork as well in discussions with the developer, developer's engineer, and developer's contractor before, during, and following construction.

2. Describe in **Appendix B** the procedures the municipality employs to incorporate timely consideration of potential water quality impacts from construction sites and that ensure implementation of the standards of ss. NR 151.11 and 151.23, Wis. Adm. Code, or equivalent local standards. Be specific of when in the review and approval process this is done, and how the municipality ensures compliance with the standards.

3. Describe in **Appendix B** the procedures the municipality employs for the inspection of construction sites and enforcing erosion control standards. Provided documentation of any enforcement actions taken that resulted in the issuance of a stop work order, citation, or summons for a construction site where one or more acre of land is disturbed. Include the name and address of the landowner, the site name and location, date(s) of violation(s), type of violation(s), and the status of resolution of the enforcement action.

4. List the name, title, address, telephone number, e-mail address, and duties of all persons designated with the responsibility to ensure implementation of the standards of ss. NR 151.11 and 151.23, Wis. Adm. Code, or equivalent local standards, and the requirements of Subchapter III of Chapter NR 216, Wis. Adm. Code, *Construction Site Storm Water Discharge Permits*, where applicable.

Rick Eilertson, Environmental Engineer. 5520 Lacy Rd. Fitchburg, WI 53711. 608 270-4264 rick.eilertson@city.fitchburg.wi.us

- Plan review, Site Inspections

Felipe Avila, GIS Engineering Specialist. 5520 Lacy Rd. Fitchburg, WI 53711. 608 270-4277 felipe.avila@city.fitchburg.wi.us

- Plan review, Site Inspections

5. Include in **Appendix B** an assessment of the municipality's construction site pollution control program effectiveness in meeting the standards of ss. NR 151.11 and 151.23, Wis. Adm. Code, including enforcement efforts.

e. Post-Construction Site Storm Water Management

1. Describe in **Appendix B** the procedures the municipality employs to incorporate timely consideration of potential water quality impacts from construction sites and that ensure implementation of the standards of ss. NR 151.12 and 151.24, Wis. Adm. Code, or equivalent local standards. Be specific of when in the review and approval process this is done, and how the municipality ensures compliance with the standards.

2. Describe in **Appendix B** the procedures the municipality employs for inspecting the construction and installation of storm water best management practices and enforcement actions to ensure compliance with post-construction storm water management standards. Provided documentation of any enforcement actions taken that resulted in the issuance of a stop work order, citation, or summons for non-compliance with post-construction storm water management standards for sites where one or more acre of land is disturbed. Include the name and address of the landowner, the site name and location, date(s) of violation(s), type of violation(s), and the status of resolution of the enforcement action.

3. List the name, title, address, telephone number, e-mail address, and duties of all persons designated with the responsibility to ensure implementation of the standards of ss. NR 151.12 and 151.24, Wis. Adm. Code, or equivalent local standards, and the requirements of Subchapter III of Chapter NR 216, Wis. Adm. Code, *Construction Site Storm Water Discharge Permits*, where applicable.

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- Plan review, Site Inspections

4. Include in **Appendix B** an assessment of the municipality's post-construction site storm water management program effectiveness in meeting the standards of ss. NR 151.12 and 151.24, Wis. Adm. Code, including enforcement efforts.

f. Municipal Pollution Prevention

1. List in **Appendix B** an inventory of long-term storm water best management practices owned, operated, managed, or maintained by the municipality. Include storm water basins, infiltration practices, treatment structures, and other practices for long-term water quality treatment. For each best management practice, provided the name, location, type of practice, and any maintenance activities undertaken for the practice during the reporting year. Also in **Appendix B**, provide a description of the maintenance procedures used and schedules for each long-term storm water best management practice and the approximate amount of solids collected (tons or cubic yards) from any structural control receiving maintenance.

2. Does the municipality perform catch basin cleaning? Yes No

If yes, approximate amount of solids collected (tons or cubic yards): 25 cy. Describe in **Appendix B** the procedures used and schedules for catch basin cleaning. If no, explain:

3. Does the municipality perform street sweeping? Yes No

If yes, approximate number of street miles swept: 4,500 ; approximate amount of solids collected (tons or cubic yards): 850 cy . Describe in **Appendix B** the procedures used and schedules for street sweeping. If no street sweeping is performed, explain:

4. Describe in **Appendix B** the municipality's procedures for roadway snow removal and de-icing. Provide information on what practice and procedures the municipality has implemented in consideration of water quality impacts from snow removal and de-icing. Include an estimate of the annual amount of salt and/or sand used for roadway de-icing.

5. Does the municipality haul snow to off-site disposal locations? Yes No

If yes, provide in **Appendix B** the location of all off-site snow disposal locations and describe what practices and procedures are used to protect water quality from snow and ice melt from the disposal site.

6. Does the municipality own or operate salt storage facilities? Yes No

If yes, provide in **Appendix B** the locations of all salt storage facilities. Are all salt storage facilities managed in accordance with Chapter TRANS 277, Wis. Adm. Code? Yes No

7. Does the municipality provide curbside pickup service for leaves, yard waste, and grass clippings? Yes No
If yes, approximate amount of material collected (tons or cubic yards): 240 tons

8. Describe in **Appendix B** the municipality's procedures for the collection of leaves, yard waste, and grass clippings, and/or instruction to citizens for on-site management of these items. Provide the location of sites used by the municipality or citizens for the disposal of leaves, yard waste, and grass clippings.

9. Describe in **Appendix B** the municipality's policies and procedures for the use and application of lawn and garden fertilizers on municipally controlled properties. Include information on how these policies and procedures address pollution prevention efforts.

10. Describe in **Appendix B** the municipality's policies and procedures for the use and application pesticides and herbicides on municipally controlled properties. Include information on how these policies and procedures address pollution prevention efforts.

11. Describe in **Appendix B** any local program the municipality employs to regulate the private use of lawn and garden fertilizers, and pesticides and herbicides.

12. Include in **Appendix B** an assessment of the effectiveness of the municipality's pollution prevention efforts through the municipal pollution prevention program.

V. STORM SEWER SYSTEM MAP

City of Madison only:

a. Has any municipality failed to submit its hard copy changes for the storm sewer system map by January 31, 2008?
 Yes No If yes, list municipalities:

b. Attach in **Appendix C** a copy of the updated storm sewer system map.

All municipalities:

c. Has the municipality updated and maintained documentation of all storm sewer outfalls from its MS4 to waters of the state?
 Yes No

VI. MONITORING PROGRAM

City of Madison only:

a. Has any municipality failed to submit its financial contribution in accordance with the *Intergovernmental Agreement to Fund a Joint Storm Water Monitoring Program through the Scientific Evaluation of rain Gardens*? Yes No
If yes, list municipalities:

b. Provide in **Appendix D** information on implementation and any results of the group-sponsored rain garden study.

All municipalities:

c. Provide in **Appendix D** information on any monitoring of storm water or storm water treatment methods that the municipality is involved in outside of the group rain garden study.

VII. ADDITIONAL INFORMATION

a. Provide in **Appendix E** a description of any revisions or proposed revisions to any element of the municipality's storm water management program.

b. Provide in **Appendix E** an updated listing and contact information for any new industrial facilities that may be regulated under Subchapter II of NR 216, Wis. Adm. Code, and that have commenced operation during the reporting year.

c. Provide in **Appendix E** a summary of any other activities undertaken to comply with the conditions of this permit or other information you feel the Department of Natural Resources should be aware of.

d. Complete the fiscal analysis table provided below.

Program Element	2007 Annual Expenditure	2008 Budget	Source of Funds
Public Education and Outreach	\$1,500	\$1,500	Stormwater Utility
Public Involvement and Participation	\$500	\$500	Stormwater Utility
Illicit Discharge Detection and Elimination	\$3,000	\$3,000	Stormwater Utility
Construction Site Pollution Control	\$9,000	\$9,000	Stormwater Utility
Post-Construction Site Storm Water Management	\$2,000	\$2,000	Stormwater Utility
Municipal Pollution Prevention	\$127,000	\$127,000	Stormwater Utility

e. What is the overall estimated annual cost to the municipality for compliance with the permit in 2007? \$143,000

f. Has the municipality implemented a storm water utility? Yes No, but considering No, and not considering

If yes, provide a description of the storm water utility in **Appendix E** and any additional information that will assist the Department of Natural Resources in understanding how the utility works in your municipality.

APPENDIX A
General Information

III.a. Fitchburg's most recent revision to Chapter 27 Erosion Control and Stormwater Management Ordinance was adopted by the Common Council at their January 23, 2007 meeting and went into effect on February 2, 2007. Draft copies of this ordinance were sent to Eric Rortvedt (WisDNR) and Jeremy Balousek (Dane County Land & Water Resources Department) for review prior to adoption. WisDNR and Dane County have agreed that Chapter 27 of the Fitchburg Municipal Code meets the requirements of NR 151, NR 216, and Dane County Chapter 14. Chapter 27 can be viewed on Fitchburg's web site at:
http://www.city.fitchburg.wi.us/public_works/documents/Chap27ECSWM2-2-07.pdf

III.d. The "Information on Applicability and Filing" flyer for the Erosion Control and Stormwater Management Permit Process available at:
http://www.city.fitchburg.wi.us/public_works/documents/ECSWMApPLICABILITYInfo1-16-08.pdf describes the Chapter 27 permit requirements and process followed for obtaining the applicable permits. The Public Works Department coordinates permit reviews and construction inspections for these permits. Erosion control inspections for single family residential dwellings are handled by the Building Inspection Department via Uniform Dwelling Code (UDC) guidelines.

III.e. Information on the NR216 permit and process was presented in the 2007 Public Works Annual Report (distributed to all elected municipal officials and city staff). A draft of the Annual Report was reviewed at the March 17, 2007 Board of Public Works and Resource Conservation Committee meetings.

III.g. Developers are notified of construction stormwater performance standards by Public Works in preliminary meetings and plan reviews.

APPENDIX B
Storm Water Management Program

IV.a.2 (Dane County only)

IV.a.3 (Dane County only)

IV.a.4. “Springtime brings more than flowers with those showers” appeared in the Summer 2007 Fitchburg Update. “Storm Sewers: Highways to our Lakes and Streams” appeared in the Fall 2007 Fitchburg Update (articles attached at end of Appendix B).

IV.a.5. A total of 7 Fitchburg newsletter articles related to water quality were published in the Spring 2007, Summer 2007, and Fall 2007 Fitchburg Updates (see articles attached at end of Appendix B). The Fitchburg Update newsletters are distributed to all Fitchburg residents. The City held an Electronics Recycling Event on October 13, 2007. Grade school visits were held during fall 2007 at City Hall where information on water pollution prevention was distributed.

IV.b.4. The Fitchburg Resource Conservation Committee (RCC) meets monthly and the meeting agenda includes public appearances which are open to discussion on stormwater or water quality issues. There are occasional public appearances on water quality issues. On November 28, 2007 a public meeting was held on stormwater issues in Fitchburg, approximately 40 people attended. The presentation materials can be viewed at:

http://www.city.fitchburg.wi.us/public_works/documents/2007StormWaterPIM.pdf

IV.c.1. In 2007, stormwater outfalls greater than 24-inch diameter were inspected during dry weather periods, May through July. Commercial, industrial, and environmentally sensitive areas were inspected first. Spring and Fall outfall and basin inspections were also conducted with the inspectors looking for evidence of illicit discharge as well. In August 2007, eight follow-up inspections were made, with no illicit discharges noticed.

IV.c.2. In May through July 2007, A total of 202 outfalls were inspected for flow and maintenance problems. A few outfalls had an oil sheen or bacterial slime but the quantities were so small that there was no evidence to suggest that they were caused by anything other than normal rainwater flowing off the street. In August 2007, eight follow-up inspections were made, with no changes to the earlier observations.

IV.c.3. In the event of general public calls or e-mails reporting improper disposal of waste or dumping, City staff makes follow-up inspections and/or makes contact with the property owner to verify the issue and identify the appropriate action to be taken. In 2007, there were 20 contacts dealing with improper disposal of brush and yard waste within the City. All issues were resolved without citations being issued.

IV.c.4. The city website, newsletter, and cable access channels all have contact information for residents to report spills or illicit discharges.

IV.d.2. For all developments, the City requires an erosion control plan submittal, review, and approval before a Building Permit or Erosion Control & Stormwater Management (ECSWM) Permit is issued. The review process includes a check for compliance with NR 151 standards.

IV.d.3. The City inspects projects weekly to monthly depending on scope and disturbance schedule of each project. Developments not in compliance with erosion control measures are contacted by the City with an Erosion Control Corrective Action Notice or a direct phone call to the contractor on site. If problems are not corrected within three days, a stop work notice is issued.

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IV.d.5. In 2007, the City issued approximately 40 corrective action notices or calls to various developments for noncompliance for the city's erosion control and stormwater management ordinance. Follow-up inspections did not result in the need for the issuance of a stop work order.

IV.e.1. For all developments, the City requires a stormwater management plan submittal, review, and approval before a Building Permit or ECSWM Permit is issued. The review process includes a check for compliance with NR 151 standards.

IV.e.2. For commercial projects, Building Inspection notifies Public Works for a site inspection before issuing an occupancy permit. A condition of the permit is to correct site deficiencies per the approved stormwater management plan. For subdivisions, Public Works conducts a site inspection. Site deficiencies per the approved stormwater management plan must be corrected before building permits are issued.

IV.e.4. If developments do meet post-construction stormwater management standards per the approved plans, a work list with due date is issued to the developer.

IV.f.1. As of the end of 2007, A total of 56 stormwater basins were owned and maintained by the City. The Highway Division generally maintains all basins by mowing at least once a year. If erosion control or maintenance problems are found at the basins during mowing operations, the Highway Division will schedule and perform the repair work for the Stormwater Utility. Approximately 14 cubic yards of solids were collected from each of 15 basin outlet structures cleaned out in 2007.

IV.f.2. The City standard stormwater collection structures are inlets and are not built with a sump. If plugging or debris problems are found during sweeping operations, the Highway Division will collect the material with the sweeper vacuum or schedule and perform the maintenance work. The Highway Division also responds to resident calls on inlet maintenance problems. Approximately ¼ to 1 cubic yard of solids were collected from each of 33 inlets cleaned in 2007.

IV.f.3. The City maintains and sweeps approximately 115 inventory miles of streets with a Regenerative Air Street Sweeper (2001 Johnston 770 Cyclone). Approximately 910 cubic yards of solids were collected from streets in 2007. The Highway Division operates the sweeper from approximately March through December. All streets are swept a minimum of 2 times each in the Spring, and as needed through the Summer and Fall. The sweeper is also sent to street with debris problems as called in by residents.

IV.f.4. The City procedure for snow and ice removal includes the use of plow trucks loaded with a deicing mix. The deicing mix includes an approximate 60-40 mix of salt to sand; however this blend varies with anticipated temperatures following deicing application. Approximately 2291 tons of salt and 600 tons of sand were used in 2007.

IV.f.5. N/A

IV.f.6. The City salt storage facility is located at 2373 S. Fish Hatchery Road.

IV.f.8. The City collects curbside leaves, yard waste, and grass clippings under Contract with Green Valley. Four yard waste collection weeks, two each in the Spring and Fall, were provided in 2007. Sixteen brush collection weeks were provided in 2007. Residents may also dispose of yard waste at the Fitchburg Recycling Drop-Off Site at 2373 S. Fish Hatchery Road. Residents are instructed on disposal, composting, or grass cycling methods annually by the City newsletters. Fitchburg collected 240 tons of yard waste curbside and 614 tons of yard waste from the drop off site for a total of 854 tons of material diverted from landfills.

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IV.f.9. The Highway Division does not use fertilizer for highway or stormwater utility projects. The Public Works Department promotes the use of a soil test before applying fertilizer for projects in the City. The Parks Department minimizes the use of fertilizer at medians, athletic fields, and municipal building grounds. Fertilizer is not used on general park land.

V.f.10. The Highway Division does not use pesticides or herbicides for highway or stormwater utility projects. The Parks Department minimizes the use of herbicides at medians, athletic fields, and municipal building grounds. Herbicide is not used on general park land, but may occasionally be used at wet park areas to control invasive species such as purple loosestrife.

IV.f.11. The City does not have local ordinances to regulate the private use of fertilizer, pesticides, and herbicides. The City quarterly newsletters and website contains information for the smart use of these items if necessary.

IV.f.12. The City quarterly newsletters which often contain information on pollution prevention. are sent to all residents. The City website also contains pollution prevention information that is available to residents.

Springtime Brings More Than Flowers With Those Showers

With warm weather comes southern breezes, spring showers, and water is everywhere. There are buds on the trees and spring flowers begin to make an appearance. But there are also oily sheens in parking lots, which wash into the storm drains, and muddy water flows into ditches and gutters. Spring is a good time to stop and ask, "What happens to all that rainwater?" Most of it ends up in our lakes and streams, but along the way it goes through a few changes.

Storm Water is more than Just Water

Storm water begins its journey to our lakes and rivers when it washes across the surface of the land. When rain falls, water flows across streets, rooftops, lawns and farmland. The water carries sand, salt, fertilizer, leaves, grass clippings, pesticides, oil, trash and many other pollutants. In developed areas, storm drains and ditches carry large amounts of runoff water to lakes and streams.

Storm sewer inlets located in curbs and parking lots collect the runoff, which flows untreated to nearby streams and lakes. A common misconception is that street runoff goes to a sewage treatment plant. It does not! The polluted water flows directly into our lakes.

"What Can I Do?"

The first step toward keeping our lakes and streams clean is to think about what we do at home. Each of us contributes to storm water pollution and each of us can help stop it. Here are some ways you can help:



- Keep leaves and grass clippings out of the street.
- Direct rainwater away from paved areas to lawns or gardens where it can infiltrate.
- Get a soil test before applying fertilizer to your lawn. Don't pay for something you don't need. If you do use fertilizer, apply it according to directions and clean up any spills on paved surfaces.
- Clean up pet waste - bury it or flush it down the toilet.
- Compost your leaves and yard debris.
- Keep cars tuned up and repair leaks, and walk or ride a bike whenever you can.
- Wash your car on the lawn or at a car wash that sends its used water to the sewage treatment plant.
- Prevent soil erosion.
- Don't let anything but rain go down the storm drain or ditch.

Go to www.myfairlakes.com for more ideas on how you can help our lakes and streams.

Adapted from Wisconsin Department of Natural Resources, University of Wisconsin Cooperative Extension, Dane County Lakes and Watershed Commission and other publications.

To place an ad in this newsletter,
The Fitchburg Update
 please contact Linda Paddock at
ungsalesrep@wcinet.com
 or call her at **608-835-6677**.

Become a Streetshare Partner

The City is participating in a Safe Communities initiative to increase awareness of the rules of the road as they apply to pedestrian safety. Safe Communities is a non-profit organization whose mission is to build partnerships with people and organizations to prevent injuries, save lives, and make our community safer.



The *Streetshare* program is focused on educating people about the rules of the road that affect safety and quality of life and encourage people to obey those laws. To follow-through with this initiative, the Fitchburg Public Works and Police Departments have received training on this topic and will be asked to pledge their commitment to make Fitchburg streets safer and more pleasant for all users. These drivers will lead by example and drive the speed limit, let people cross the street, and share the road with bikes. So if you find yourself behind someone driving the speed limit or stopping to let someone cross the street, follow their example and become a *Streetshare* partner.

- **Let Them Cross** - Drivers of all vehicles are required by law to yield the right-of-way to pedestrians in a marked or unmarked crosswalk. That's right! Legal crosswalks exist at all public intersections where there is sidewalk on at least one side of the street, with or without pavement markings. Motorists should watch ahead for pedestrians at or approaching the curb, and slow or stop to allow people to cross the street.
- **Drive the Speed Limit** - Most people drive 5-10 mph over the speed limit and think of it as a harmless violation. However, when pedestrian traffic is present, speeding can be very harmful. Consider the following:
 - At 40 mph, 85% of all vehicle crashes with a pedestrian result in death of the pedestrian and 15% result in injury,
 - At 30 mph, 45% result in death, 50% injury, with 5% uninjured,
 - At 20 mph, 5% result in death, 65% injury, with 30% uninjured.
 So driving just 5 mph over the limit (or 30 mph on residential streets) can mean the difference between life and death in the event of a crash involving a pedestrian.
- **Share the Road** - Bicyclists are legal users of the road. State law requires motorists to give a minimum of three feet of clearance when passing cyclists. Cyclists should stay as far to the right as is safe and reasonable, but are allowed full use of the lane to avoid road hazards, to make left turns, or when the lane is too narrow for a bicycle and a motor vehicle to travel safely side by side.

Drive Safe and be aware of ALL the street users including pedestrians and bikes!

Barnes
INC

"If you're looking for the best,
you're looking for Barnes."

COMMERCIAL OR RESIDENTIAL






- Landscape Maintenance
- Lawn Maintenance
- Fertilization
- Holiday Lighting
- Snow Removal Service

6433 Nesbitt Road • Madison, WI 53719
(608) 845-3230 • www.barnesinc.net

Clean Sweep Closes Wednesday, October 31st

Dane County's Clean Sweep facility, which offers free disposal of household hazardous wastes, closes for the season on Wednesday, October 31, 2007.



Materials accepted by Clean Sweep include paint and paint-related products, pesticides, pool chemicals, poisons, organic solvents, gasoline, kerosene, driveway sealant, products containing mercury, and one pound propane cylinders. If you have any of these wastes around the house, and wish to dispose of them this fall, take them to Clean Sweep by October 31st. Hours of operation are Tuesday, Wednesday, Friday, and Saturday from 7:30 a.m. to 2:00 p.m. The facility is located at the north end of the Dane County Highway Garage at 2302 Fish Hatchery Road.

The facility also offers a free product exchange where you can pick up usable containers of paint, stain, furniture stripper, pesticides, and other products.

If you have questions about Clean Sweep or household hazardous wastes, call 294-5366 or go to their web site at www.danecountycleansweep.com.

2007 Fitchburg Electronics Recycling Event

Date: Sat., Oct. 13th, 2007
Time: 9am - Noon
Location: 2373 S. Fish Hatchery Rd.
 (Fitchburg PW Maintenance Facility)



Items Accepted:

(No Charge): Computers, Undamaged Monitors, Stereo Equipment, CDs, DVDs, Floppy Disks, Magnetic Tape, Lead Acid Batteries, Laptop Batteries, Polystyrene Packing Peanuts

(\$5 Charge): Microwaves, other kitchen electronics

(\$10 Charge): Damaged Monitors

(\$25 Charge): TVs, dehumidifiers, air conditioners

Please contact Rick Eilertson, Environmental Engineer, at 270-4264 or rick.eilertson@city.fitchburg.wi.us with any questions, comments, or suggestions related to this event.

Additional information for electronics recycling can be found in Fitchburg's 2006 & 2007 Recycling Guide: https://www2.city.fitchburg.wi.us/SolidWaste/06_07_Recycling_Guide.pdf



Elizabeth Stokes, DVM, Director
 Bryn Bruss, DVM
 Mary Kuefler, DVM
 Karen Hoersch, DVM
 Dawn Mogilevsky, DVM

2934 chapel valley road
 fitchburg, wi 53711
 608 288 7838
odysseyvetcare.com

Fall Leaf Collection Begins October 22nd

Fall leaf and yard waste collection will take place the weeks of October 22nd and November 12th, 2007 (weather permitting) for residents of single family homes and apartments with up to four units who receive City refuse & recycling collection. Green Valley Disposal will begin collection on Monday of each week, and may continue through Saturday. Your yard waste will not necessarily be collected on the same day as your pickup for refuse and recycling. Please have leaves at the curb by 6:30 a.m. on the Monday that collection begins, regardless of which day your garbage is collected.



Any leaves not ready for collection at the curb by November 12th will not be collected, and should be brought to the City Recycling Drop-off Site (2373 S. Fish Hatchery Road) or one of the County compost sites (on Hwy 18 & 151 near Badger Prairie Park or at the Dane County Landfill on Hwy 12 & 18). By planning ahead and raking your yard early, you can be sure that your leaves will be collected. Condominium owners and apartment managers who do not receive City leaf pickup may also use the City Recycling Drop-Off Site or Dane County Compost Sites.

Place leaves and yard waste at the curb in plastic bags that are tied shut to prevent leaves from spilling out before collection. You may also use garbage cans clearly marked "leaves" or "yard waste". Do not place leaves in cardboard boxes. Loose leaves will not be collected. Although the fall cleanup is intended primarily for leaves, other non-woody yard waste will be collected, including grass clippings, weeds, flowers, garden debris, etc. Brush and other woody materials are collected in a different truck, so please keep them separate from your yard waste.

Please do not rake your leaves into the street! Although some other municipalities may collect leaves this way, Fitchburg prohibits raking leaves into the street. Raking leaves into the street can clog storm sewers, contribute to water pollution in local lakes and streams, and necessitate more frequent street cleaning.

Recycling Drop-Off Site Information

Surveillance cameras were installed in 2005 at the City Recycling Drop-Off Site located at the Fitchburg Public Works Maintenance Facility, 2373 S. Fish Hatchery Road. New signage has been posted as part of the improvements for the site.

The only materials accepted at the site are mixed recycling materials (similar to curb-side single stream recyclables), scrap metal, yard waste, and motor oil. Yard waste includes grass, leaves, weeds, garden debris, and twigs less than 1/2" inch diameter and 12" inches in length. Brush is **not** accepted at the Recycling Drop-Off Site, but will be collected curbside according to the collection schedule.

Materials that are **NOT** accepted include: Appliances, TV's, non-metal furniture, paint cans, tires, batteries, fuel tanks, wood, and refuse

The City's waste collection program offers several alternatives for disposal of extra refuse, including the "Refuse/Recycling Tag"

Items Accepted	How to Handle
Curbside Recycling	Put in recycling dumpster & close lid.
Scrap Metal	Put in scrap metal container.
Motor Oil	Empty containers into tank. Discard empty container into trash dumpster.
Yard Waste (No Brush)	Empty bags or containers into designated area. Discard empty bags into trash dumpster.

program, special pickups, and larger containers. You may also take refuse to the Dane County Landfill. Dumping of refuse at the City Recycling Site violates several City and County laws. Violators will be issued a fine. The minimum fee for this violation would be \$172.

For more information on what is acceptable or not, check the City Recycling Guide or the City Recycling website: <http://www.city.fitchburg.wi.us/309750.html>. The website and Recycling Guide also contain information on where to properly dispose of items that are not accepted at the Recycling Site. If you have further questions please contact the Public Works Department at publicworks@city.fitchburg.wi.us or at 270-4264.

Recycling Leaves: Fall Mulching and Composting

Fallen leaves are a valuable resource since they are high in phosphorus, an important nutrient for plant growth. So why not put these nutrients to good use and help the plants you want to grow thrive? You can easily mulch or compost leaves to provide nutrients for the grass, trees, flowers, or vegetables in your yard. An added benefit is the money you'll save by needing less fertilizer and water.



Periodic mowing of small amounts of leaves reduces the need for raking and provides a good source of nutrients to your lawn. Shredding the leaves with a mulching mower greatly reduces the volume of leaves and speeds up their decomposition. Raked leaves also make excellent mulch. They can be used to protect roses and other plants over the winter. They can also be added to your vegetable or flower garden in the fall as a source of nutrients and a soil conditioner. Any leaves which do not break down over the winter can be tilled into the soil in the spring.

Fall leaves can also be recycled at home by composting. Composting is a simple process which takes materials such as yard waste, food scraps, and other organic materials and turns them into compost which is a valuable soil amendment. Composting requires little time or effort on the part of homeowners. Contrary to some people's belief, properly maintained compost bins do not smell bad or attract pests. Compost provides essential nutrients for healthy plant growth. It improves soil structure and helps hold in moisture so you can save money by reducing the amount of water and commercial fertilizers you use on your lawn and garden.

Leaves are rich in carbon and useful for balancing nitrogen rich materials like fresh grass clippings and food waste when you're composting. The best way to speed up decomposition while composting is to keep a carbon to nitrogen ratio between 25:1 and 30:1, by mixing equal weights of brown (carbon-rich) and green (nitro-

gen-rich) materials. Stocking your compost piles with leaves in the fall will give you plenty of carbon rich material to balance out your grass clippings in the spring.

For more information about composting, contact Public Works at 270-4264. You can also view or download information from the home composting section of the City's web site at www.city.fitchburg.wi.us/309765.html.

Storm Sewers: Highways to Our Lakes and Streams

Storm sewers are designed to safely transport stormwater away from city streets. Storm sewers and inlets should not be used as a place to dump yard waste and refuse.

Leaves, grass clippings, and trash in streets can clog storm sewer pipes, resulting in street flooding that can damage property and make street driving hazardous. Debris and contaminants in the sewers also harm downstream environments. Most city storm sewers discharge to ponds and tributaries of the Yahara River basin, which ultimately go to Lake Waubesa. Nutrients found in yard waste make aquatic plants and algae grow, contributing to the unappealing smell and color of local lakes and streams.



The City cleans streets on a regular basis with a high-powered street sweeper in the urban service area during warm weather months. An important way everyone can help to prevent water pollution is by keeping yard waste and other contaminants out of the City streets. If you live near a storm sewer inlet and see something there that shouldn't be, lend a hand and pick it up. Let's keep our City streets clean and the downstream ponds and tributaries both pleasing to the eye and environmentally healthy.

www.city.fitchburg.wi.us/309782.html and www.myfairlakes.com both have additional information on stormwater efforts in Fitchburg and throughout Dane County.

The Engineering Science Behind Speed Limits

The City of Fitchburg Public Works Department is routinely asked the question:

“Won't a lower speed limit lower the travel speeds and the number of accidents?”

The simple answer is no, not necessarily.

Posting a lower speed limit does not mean that people will drive slower or that there will be fewer accidents on the road.

Speed has an impact on the severity of the collision, but in many cases, it is not the primary reason for the collision. Research into this subject has not found a direct relationship between speed and the number of crashes on a particular type of roadway. For instance, the interstate highway system generally has a low crash rate but serves vehicles at very high speeds.



Prevailing speed is a major consideration in setting speed limits. Drivers generally select their vehicle speed based on the roadway environment and by the level of comfort and safety the driver perceives. It has been found that drivers simply refuse to obey speed limits that they find to be unreasonably low. On the theory that most drivers choose a reasonable speed at which they feel comfortable and safe, engineers look at the 85th percentile speed, or the speed at which 85% of the traffic moves at or below. Research indicates that roadways with posted speed limits at or near their 85th percentile vehicle speed will experience fewer collisions than roadways with speed limits above or below this level.

Contrary to what most people think, lowering the speed limit from an already established limit, usually, does not increase the safety of the roadway. As mentioned above, drivers tend to operate their vehicle at a speed that feels comfortable to them based on the roadway environment. For this reason, it is unlikely that a driver will reduce the speed of their vehicle unless there is an obvious need and a posted speed limit that is unreasonably low will typically be ignored. This combination of speeds (with some drivers obeying the speed limit sign and others ignoring the speed limit sign) typically produces an increase in collision rates and the situation produces an overall lack of respect for the concept of speed limit regulations.

Speed limits are determined based on the 85th percentile speed in conjunction with a number of additional factors including:

- Roadway design including lane width, shoulders, hills, curves, and sight distances,
- Density and type of roadway development including the number and spacing of driveways and access points,
- Safe speed for curves or other hazardous locations within the area,

- On-street parking areas,
- Pedestrian traffic,
- Number and types of reportable accidents, and
- Level of speed limit enforcement.

Sometimes lower speed limits are justified; but unreasonably low limits create problems for enforcement agencies. Safety is a primary concern for the City of Fitchburg. The speed limits that are set on Fitchburg roads were determined based on the criteria identified above in an effort to maintain a safe, efficient, and reliable transportation system throughout the City. Please contact the Public Works Department at 270-4260 if you have questions or concerns regarding speed limits in the City.

Note: This article is based off of the following reference materials.

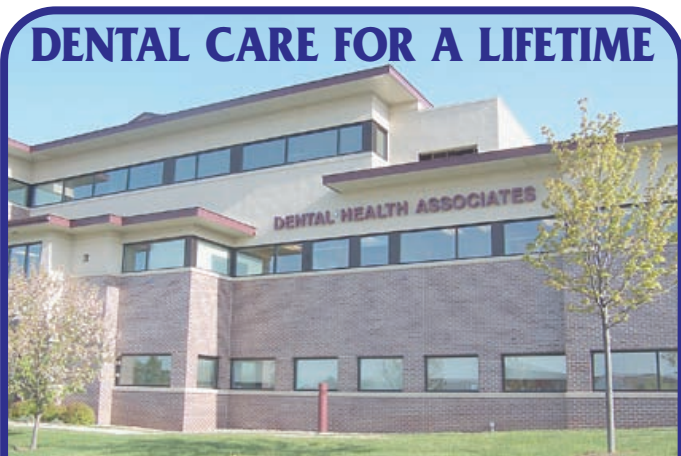
1. *Speed Limits* brochure developed by the Wisconsin Department of Transportation, Division of Highways, 2101 Wright Street, Madison, WI 53704.
2. *Traffic and Safety Informational Series* developed by the Center for Transportation Research and Education, Iowa State University, 2711 S. Loop Drive, Suite 4700, Ames, IA 50010-8664, <http://www.ctre.iastate.edu/PUBS/tsinfo/index.htm>

Protection of Public Water Supply

In Fitchburg, we are fortunate to have clean drinking water. However, there are potential sources of contamination that can be a threat to our public water supply wells. In efforts to protect our water supply, the Fitchburg Utility has adopted a Wellhead Protection Ordinance. This Ordinance restricts certain land use practices near each of our wells that are a contamination threat to our water supply system. In addition to this Ordinance, we are asking for your help. Below are a few preventive practices we recommend that you adopt in your own home to protect the groundwater:



1. If you must fertilize your lawn, choose a fertilizer high in water soluble nitrogen (WIN). WIN releases slowly and helps prevent lawn burns and contamination.
2. Install anti-backflow devices to keep contaminated water from being siphoned back down into a private well or the distribution system. It is in violation of City Ordinance, Chapter 10, to have a cross-connection with the City's water distribution system.
3. Store paints, strippers, varnishes, oil and gasoline in areas where, if they leak, it can be safely cleaned up and will not soak into the ground.
4. Take paint-related products, pesticides, pool chemicals, poisons, organic solvents, gasoline, kerosene, driveway sealant, products containing mercury, and one pound propane cylinders to the Dane County Clean Sweep and Product Exchange located at 2302 Fish Hatchery Road. For more information about the Dane County Clean Sweep Program, check out www.co.dane.wi.us/pubworks/recycl/csaccept.htm.



DENTAL CARE FOR A LIFETIME

Dental Health Associates of Madison has been providing caring, comprehensive dental care since 1969. We have grown from our original five providers at one location, to twenty-five providers at five locations. Our compassion for our patients has only grown with our size, as well as our ability to provide a wide range of services from childhood through the senior years.



Please check our website at www.dentalhealthassociates.com for all our convenient locations throughout the city of Madison.

**2971 Chapel Valley Rd.,
Madison, WI 53711
661-6400**

5. Take old oil to Fitchburg’s drop off site located at 2373 South Fish Hatchery Road.
6. Pump septic tanks every 2-3 years. If your septic tank is not pumped out regularly, solid wastes can leave your septic tank, enter the drainage field and, and eventually, the groundwater.
7. Be cautious of what you put in your septic system. Coffee grounds, cigarette butts, sanitary items and fats do not break down easily in a septic system. Chemicals like paints, solvents, oils and pesticides will move from your septic system into the groundwater.
8. Septic systems can not detoxify many of the chemicals found in household cleaners. Consequently, some of these chemicals will end up in the groundwater. For a list of alternatives to these cleaners, pick up the DNR Homeowner’s Guide, “Better Homes & Groundwater,” available at www.dnr.state.wi.us/org/water/dwg/gw/pubdnld.htm.
9. If you have a private well, test your water yearly for nitrates and bacteria with a homeowner’s water test.
10. Report any suspicious activity you may see near a public water supply well or water storage facilities to the Fitchburg Police Department immediately.

Additional information about Wellhead Protection and contamination risks are available at City Hall. If you have any questions or concerns about any of this information, please contact Tracy Foss with the City of Fitchburg at 270-4260. Your cooperation is greatly appreciated.

Water is a valuable resource. Please use wisely and practice conservation measures.

2007 Collection Calendar

JULY						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

AUGUST						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

SEPTEMBER						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

OCTOBER						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

NOVEMBER						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

DECEMBER						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

BRUSH COLLECTION
July 9 - 13, July 23 - 27
August 6 - 10, August 20 - 24
Sept. 10 - 14, Sept. 24 - 28
Oct. 8 - 12, Oct. 22 - 26
*Nov. 12 - 16 *weather permitting

YARDWASTE & BRUSH COLLECTION
Oct. 22 - 26
*Nov. 12 - 16 *weather permitting

HOLIDAYS
September 3, November 22
December 25

EXAMPLE						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Recycling Week
 Recycling & Brush
 Recycling, Brush & Yardwaste
 Brush Only
 Brush & Yardwaste

YELLOW = Recycling Week
 YELLOW with RED #'s = Recycling & Brush Collection
 YELLOW with GREEN #'s = Recycling, Brush & Yardwaste Collection
 RED #'S = Brush Collection Only
 GREEN #'S = Brush & Yardwaste Collection

Note: Refuse collection is weekly, recycling every other week

APPENDIX E
Additional Information

VII.a. N/A

VII.b. N/A

VIII.c. N/A

VII.f. The City created a Stormwater Utility in 2002 to fund stormwater activities. The Stormwater Utility is responsible for maintaining and upgrading the City stormwater management facilities. Services include street sweeping, basin and streambank improvements, stormwater system pollution prevention and planning, repair, and installation, and public education.

Property owners within the Fitchburg urban service area are charged a quarterly fee, based on the impervious area of the property. Property owners within the rural service area are charged an annual fee, based on the impervious area of the property.