

State of Wisconsin  
Department of Natural Resources  
dnr.wi.gov

## Due by March 31, 2009

This form is for the purpose of annual reporting on activities undertaken pursuant to the Municipal Separate Storm Sewer System (MS4) General Permit No. WI-S050075-1. An owner or operator of a municipal separate storm sewer system covered by the general 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. A municipality that received its initial permit coverage in 2006 needs only to report on activities undertaken in calendar year 2008. A municipality that received its initial permit coverage in 2007 needs to report on activities undertaken in both calendar years 2007 and 2008.

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 the general permit.

**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-date to comply with the general permit. Complete and submit the annual report by March 31, 2009, to the appropriate address indicated on the last page of this form.

### SECTION I. Municipal Information

Name of Municipality VILLAGE OF STURTEVANT		Facility ID No. (FIN)	
Mailing Address 2801 - 89 <sup>TH</sup> STREET	City STURTEVANT	State WI	Postal Code 53177
County(s) in which Municipality is located RACINE	Type of Municipality: (check one) <input type="checkbox"/> County <input type="checkbox"/> City <input checked="" type="checkbox"/> Village <input type="checkbox"/> Town <input type="checkbox"/> Other (specify)		

### SECTION II. Municipal Contact Information

Name of Municipal Contact Person CHARLES R. STACHOWSKI		Title DIRECTOR OF PUBLIC WORKS	
Mailing Address 2801 - 89 <sup>TH</sup> STREET	City STURTEVANT	State WI	Postal Code 53177
E-mail Address publicworks@sturtevant-wi.gov	Telephone No. (including area code) (262) 886-2862	Fax No. (including area code) (262) 886-7205	

### SECTION III. Certification

*I hereby certify that I am an authorized representative of the municipality covered under MS4 General Permit No. WI-S050075-1 for which this annual report is being submitted and that the information contained in this document and all attachments were gathered and prepared under my direction or supervision. Based on my inquiry of the person or persons under my direction or supervision involved in the preparation of this document, to the best of my knowledge, the information is true, accurate, and complete. I further certify that the municipality's governing body or delegated representatives have reviewed or been apprised of the contents of this annual report. I understand that Wisconsin law provides severe penalties for submitting false information.*

Authorized Representative Printed Name CHARLES R. STACHOWSKI	Authorized Representative Title DIRECTOR OF PUBLIC WORKS	
Authorized Representative Signature ///// ORIGINAL SIGNED /////	Date Signed 30 March 2009	
E-mail Address publicworks@sturtevant-wi.gov	Telephone No. (including area code) (262) 886-2862	Fax No. (including area code) (262) 886-7205

**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 Director of Public Works presents an annual summary to include this report and several periodic reports, to the Board of Trustees. In addition, periodic presentations by the Village's Engineering Consulting firm are made to the governing body (Storm and Waste Water Committee, Planning Commission, and Board of Trustees) regarding current status or updates of DNR storm water projects and compliance requirements. Announcement of these meetings are posted by the Village Clerk within the village. These meetings are open to the general public. The general public or any interest group are able to provide comment and input to the discussion/plans. Minutes of the meetings and reports are posted and motions, resolutions, and ordinances changes are available on the Village of Sturtevant Webpage.

The Village of Sturtevant has also created a Stormwater webpage in order to post information and links to various ordinances governing Stormwater and Erosion Control, as well as state and federal Stormwater webpages.

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

Besides the items already described in paragraph a. above, the Director of Public Works is the main conduit for receiving and providing information from various organizations to include the DNR. The Director of Public Works attends meetings regarding this topic on behalf of the Village. Information or requirements are then distributed to appropriate individuals such as other Village staff members for action or reported to the Board of Trustees for their discussion and approval if required. The Engineering Consulting Firm also advises administration and the Board on progress of permit compliance as stated in paragraph a. above.

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:

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 of the general permit as provided under Section 2.10 of the general permit?  Yes  No

If yes, describe these cooperative efforts:

In 2006, the Village of Sturtevant and the Village of Mount Pleasant agreed to work together on storm water management. Both Villages passed a joint resolution -- Joint Resolution 2006-66 A JOINT RESOLUTION OF THE VILLAGE OF STURTEVANT AND VILLAGE OF MT. PLEASANT FORMALIZING A WORKING RELATIONSHIP AND UNDERSTANDING FOR STORMWATER MANAGEMENT OF THE PIKE RIVER WATERSHED WHICH DIRECTLY RELATES TO THE PIKE RIVER RESTORATION PROJECT. Periodically, the Storm and Waste Water Committee for the Village of Sturtevant and the Storm Water Commission for the Village of Mount Pleasant meet to update and discuss current plans. In 2008, the Village of Sturtevant passed a resolution to join and is working with the Southeast Clear Water Network (Resolution 2008-16 - AN AGREEMENT WITH ROOT-PIKE WINN TO FORM THE SOUTHEASTERN WISCONSIN CLEAN WATER NETWORK), which will further address public information and education requirements as prescribed by NR 216. The Village works with the City of Racine Water Department in operating a Household Hazardous Waste Disposal Site for residents to dispose of hazardous waste that otherwise might be disposed of in storm sewer drains (antifreeze, oils, and other automobile fluids).

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

If yes, provide web address: [www.sturtevant-wi.gov](http://www.sturtevant-wi.gov)

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

If yes, provide web address: [http://www.sturtevant-wi.gov/index.php/Storm\\_Water\\_Utility](http://www.sturtevant-wi.gov/index.php/Storm_Water_Utility)

**SECTION V. Permit Conditions**

a. Minimum Control Measures: For each of the permit conditions listed below, provide a description of the status of implementation of program elements, the status of meeting measurable goals, and compliance with permit schedule in section 3 of the MS4 general permit. Be specific in describing the actions that have been taken during the reporting year to implement each permit condition and whether measurable goals have been met, including any data collected to document a measurable goal. Also, explain the reasons for any variations from the compliance schedule in the MS4 general permit.

- **Public Education and Outreach**  
The Village of Sturtevant is a member of the Southeast Clearwater Network. This network, working in conjunction with numerous other municipalities has addressed the various requirements in this area. The Village has developed a Storm Water Brochure for the public and it is listed on the Village Webpage. The Village built a rain garden at Village Hall as a demonstration for the public.
- **Public Involvement and Participation**  
The Village of Sturtevant is a participating member of the Southeast Clearwater Network. The Village Administrator is on the advisory committee for 2009. The village newsletter that goes out quarterly contains information on Stormwater, along with periodic information updates on the Village Webpage. Volunteers inconjunction with the Village constructed a rain garden as a demonstration for the public at Village Hall in hope it would encourage property owners to do the same in their yards.
- **Illicit Discharge Detection and Elimination**  
The Village has passed and approved the Illicit Discharge Ordinance in 2008 and is currently in effect. A copy of the ordinance (Chap 21) can be found on the village webpage. This ordinance was done with guidance from the DNR. The village has also developed an illicit discharge response procedure. We are currently developing a checklist to maintain and monitor detention ponds, to include periodically water sampling. This is being done in conjunction with Storm Water Quality Management requirements below.
- **Construction Site Pollutant Control**  
The Village has several policies and practices regarding Construction Site Control. These were provided last year. There were no significant changes to these policies since last year. Chapter 15 of the Village Ordinances was revised last year and can be found on the village webpage for review.
- **Post-Construction Storm Water Management**  
Post-Construction Storm Water Management is addressed in Chapter 15 of the Village Ordinances. It can be found on the Village webpage.
- **Pollution Prevention**  
Attached is a copy of the report to the Board of Trustees for 2008 on Stormwater and Waste Water Accomplishments.

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

If yes, provide the following: Model used SLAMM Version 9.3 Reduction (%) 38%

Has the municipality completed a pollutant-loading analysis to assess compliance with the 40% TSS reduction developed urban area performance standard?  Yes  No

If yes, provide the following: Model used \_\_\_\_\_ Version \_\_\_\_\_ Reduction (%) \_\_\_\_\_

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 Village completed the SLAMM analysis in 2008. The village nearly met the 40% TSS requirements. Additionally, the Village of Sturtevant retrofitted two existing detention ponds in 2008 from dry ponds to wet ponds. In addition, a developer constructed a third detention pond, which was turned over to the Village Control in Nov of 2008 in the business park. Once the EPA maps and DNR maps are integrated, the business park detention ponds will increase the TSS removal for the village as a whole. The Village should achieve the 40% TSS requirements.

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

The Village has a GIS map of the entire area (provided last year) containing a wide variety of items to include storm water facilities and ponds. This map is constantly updated to reflect changes. This is done by the Village Engineering Firm. The map sections of the new additions to the storm water system and detention ponds are currently under revision and not available. We are currently working on developing a checklist for maintenance and monitoring of the village facilities and waterways.

**SECTION VI. Fiscal Analysis**

a. Municipalities that received initial permit coverage in 2006: Provide a fiscal analysis that includes the annual expenditures for 2008, and the budget for 2008 and 2009. Municipalities that received initial permit coverage in 2007: Provide a fiscal analysis that includes the annual expenditures for 2007 and 2008; and the budget for 2007, 2008, and 2009. A table to document fiscal information is provided on page 6 (Municipalities that received initial permit coverage in 2006 do not need to complete expenditure and budget information for 2007.).

b. What financing/fiscal strategy has the municipality implemented to finance the requirements of the general permit?  
 Storm water utility    General fund    Other TID and Bonds

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

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

The Stormwater and Wastewater Committee has oversight of the management and policies regulating the Utility. The Director of Public Works has direct day-to-day management and supervision of operations of the utility. He reports back to the committee and Board of Trustees. While the Utility has it's own budget and revenues are generated by an annual fee, the recent retrofits for the detention ponds was financed through the TID district. Additional system upgrades were financed through bonding or were done as part of the State of Wisconsin Department of Transportation Road Project upgrades done in 2008. General revenues derived from the annual fee is used to off-set operational cost associated with maintenance of the system.

**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 adopted a 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:

<http://www.sturtevant-wi.gov/images/6/6e/2008-21ord.pdf>

b. As of the date of this annual report, has the municipality adopted a 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:

<http://www.sturtevant-wi.gov/images/6/6e/2008-21ord.pdf>

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

<http://www.sturtevant-wi.gov/images/d/d9/2009-01ord.pdf>

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:

Copies of these ordinances were provided in March 2008.

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 inspector annotated 32 inspections and enforcement actions on compliance with erosion control and storm water policies/ordinances. Additionally, the Village Engineering Firm conducted 48 inspections as well as held on-site meetings on commercial development projects. Deficiencies noted were communicated to the developer or contractor for corrective actions. These reports were passed along verbally, by email, and/or by letters. Written documentation and communications were not kept in any one place and are associated with particular projects. The Village Director of Public Works also participated in some of these inspections and all meetings but did not keep a written account of these communications/documents in any one location. The inspections, deficiencies and enforcement actions by the engineering firm or the Dir of Public Works are in addition to those 32 conducted by the Village Building Inspector.

**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/org/water/wm/wqs/orwerw/>)  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/org/water/wm/wqs/303d/303d.html>)  Yes  No If yes, complete the following:

- Impaired waterbody to which the MS4 discharges:

Waxdale Creek

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

Within the watershed, the Village has a street sweeping program to limit the amount of debris from entering the creek. In 2008, the village upgraded two detention ponds from dry ponds to wet ponds in order to meet TSS limits. These ponds contribute to the Waxdale Creek watershed. The village has also begun a program to clear debris (litter and dead wood) from specific bank areas of the Creek to prevent log jams and litter pollution of the waterway. The village also participates in the Household Hazardous Waste Program to dispose of antifreeze and auto fluids properly in order to prevent these items from being dumped down storm sewer drains.

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

The Waxdale Creek is a tributary of the Pike River Watershed Basin.

d. Identify any known water quality degradation in the receiving water to which the MS4 discharges during the reporting period and what actions are being taken to improve the water quality in the receiving water.

None Known

**SECTION IX. Department of Commerce Authority**

Does the municipality currently have authority from the Wisconsin Department of Commerce to regulate erosion control at public buildings and places of employment?  Yes  No

If no, has the municipality requested such authority from the Department of Commerce pursuant to s. 101.1205(4), Wis. Stats., within 18 months after the municipality's permit coverage start date?  Yes  No If no, explain:

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

Program Element	Annual Expenditure		2007*	Budget		Source of Funds
	2007*	2008		2008	2009	
Public Education and Outreach	\$300	\$0		\$200	\$200	
Public Involvement and Participation		\$0		\$0	\$0	Pay Items as Needed - No Set Budget
Illicit Discharge Detection and Elimination	\$14,068	\$3,693.50		\$2,000	\$1,500	Operational - Stormwater Fund
Construction Site Pollutant Control	\$7,100	\$69,860.59		\$2,000	\$2,000	TID Funding
Post-Construction Storm Water Management	\$5,400	\$752,770.18		\$2,000	\$17,000	TID and Bond Funds
Pollution Prevention	\$11,390.20	\$25,922.76		\$25,050	\$22,896	
Storm Water Quality Management		\$18,988.61		\$5,000	\$3,500	Operational - Stormwater Fund
Storm Sewer System Map				\$1,000	\$1,000	Actual expenses for GIS in 2007 and 2008 are incorporated with the cost of actual construction and not itemized here.
Other	\$427	\$35,843		\$41,239	\$124,660	Operational - Stormwater Funds

\* Municipalities that received initial permit coverage in 2006 do not need to complete expenditure and budget columns for 2007

<b>NORTHERN REGION COUNTIES</b>			<b>WEST CENTRAL REGION COUNTIES</b>		
Ashland	Langlade	DNR Service Center	Adams	Marathon	DNR Service Center
Barron	Lincoln	1401 Tower Ave.	Buffalo	Monroe	5301 Rib Mountain Rd.
Bayfield	Oneida	Superior, WI 54880	Clark	Portage	Wausau, WI 54401
Burnett	Polk	Phone: (715) 392-7988	Crawford	Trempealeau	Phone: (715) 359-4522
Douglas	Price		Jackson	Vernon	
Florence	Rusk		Juneau	Wood	
Forest	Sawyer		La Crosse		
Iron	Taylor				
	Vilas				
	Washburn				
			Chippewa	Pepin	DNR Service Center
			Dunn	Pierce	890 Spruce St.
			Eau Claire	St. Croix	Baldwin, WI 54002
					Phone: (715) 684-2914

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

<b>SOUTHEAST REGION COUNTIES</b>					
Kenosha	Sheboygan	DNR Service Center			
Milwaukee	Walworth	141 NW Barstow Street,			
Ozaukee	Washington	Room 180			
Racine	Waukesha	Waukesha, WI 53188			
		Phone: (262) 884-2300			