Notice: Pursuant to ss. 283.33 and 283.37, Wis. Stats., and chs. NR 151 and 216, Wis. Adm. Code, this form is used to apply for coverage under Wisconsin Pollutant Discharge Elimination System (WPDES) Municipal Separate Storm Sewer System (MS4) General Permit No. WI-S050181-1. This form and any required attachments constitute the permit application. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Public Records Laws (ss. 19.31-19.39, Wis. Stats.).

Instructions: Complete all sections of this permit application. If additional space is needed to respond to a question, attach additional pages. Provide descriptions below that explain the program activities that you expect to develop and implement to comply with the MS4 general permit. Information on the MS4 general permit and the MS4 storm water program are available at: http://dnr.wi.gov/topic/stormwater/municipal/. Section 3 of the MS4 general permit contains the compliance schedule that directs when the individual program activities need to be developed and submitted to the Department for review. The detailed programs that are developed and submitted to the Department for review may deviate from the program activities described below if necessary. The descriptions provided below are necessary for the Department to verify that the municipality's program activities comply with the permit.

Section I: Applicant Information
Name of Municipality
CITY OF HUDSON
Mailing Address
505 THIRD STREET
City
Hudson
State
WI
ZIP Code
54016
County(s) in which Applicant is located
ST CROIX
Type of Municipality: (check one)
☐ County  ☒ City  ☐ Village  ☐ Town  ☐ Other (specify)

Section II: Local Contact Information
Name of Municipal Contact Person
TOM ZEULI
Title
PUBLIC WORKS DIRECTOR
Mailing Address
505 THIRD STREET
City
Hudson
State
WI
ZIP Code
54016
Email address
TOMZEULI@CIVIHUDSON.WI.US
Phone Number (incl. area code)
715-386-4767
Website address, if available
WWW.CIHUDSON.WI.US

Section III: Water Quality Concerns
Yes  ☒ No

☒ ☐ 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)

☒ ☐ 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 Wisconsin impaired waterbodies may be found on the Department's Internet site at: http://dnr.wi.gov/topic/impairedwaters/)

Section IV: Potential Permit Exemption
Yes  ☐ No

☒ ☐ Section NR 216.023, Wis. Adm. Code, allows certain MS4s that have less than 1000 people residing in an urbanized area to be waived from municipal storm water permit coverage.

☒ ☐ Do you believe that the MS4 may be eligible for this potential exemption as described in s. NR 216.023, Wis. Adm. Code?

If yes, please provide documentation supporting a permit exemption including the following (Attach additional pages if necessary):

Total municipal area in square miles
Total municipal population (2010 U.S. census)
MS4 service area within Urbanized Area in square miles
Municipal population within Urbanized Area (2010 U.S. census)
Additional information supporting an exemption under s. NR 216.023, Wis. Adm. Code

Note: Urbanized Area information is available from the USEPA at:
http://water.epa.gov/powast/nnpdes/stormwater/Urbanized-Area-Maps-for-NPDES-MS4-Phase-II-Stormwater-Permits.cfm

Received
JAN 26 2015
WT/3 - WY/3 - OGL/3
Section V: Summary of Municipal Storm Water Program Activities

Describe the programs or activities the municipality is doing or will do to comply with the requirements of the MS4 general permit. Attach additional pages if necessary.

A. Public Education and Outreach

Describe the public education and outreach program activities that the municipality will implement to comply with section 2.1 of the MS4 general permit.

SEE ATTACHMENT

B. Public Involvement and Participation

Describe the public involvement and participation program activities that the municipality will promote to comply with section 2.2 of the MS4 general permit.

SEE ATTACHMENT

C. Illicit Discharge Detection & Elimination

Describe the illicit discharge detection and elimination program authority and activities that the municipality will develop and implement to comply with section 2.3 of the MS4 general permit.

SEE ATTACHMENT

D. Construction Site Pollution Control

Describe the construction site pollutant control program authority and activities that the municipality will develop and implement to comply with section 2.4 of the MS4 general permit.

SEE ATTACHMENT

E. Post-Construction Site Storm Water Management

Describe the post-construction storm water management program authority and activities that the municipality will develop and implement to comply with section 2.5 of the MS4 general permit.

SEE ATTACHMENT

F. Pollution Prevention

Describe the pollution prevention program activities that the municipality will implement to comply with section 2.6 of the MS4 general permit.

SEE ATTACHMENT

Section VI: Certification

I hereby certify that I am an authorized representative of the municipality that is the subject of this application for general permit coverage, and that the information provided is true and complete, to the best of my knowledge. I understand that Wisconsin law provides severe penalties for submitting false information.

Authorized Representative Name

TOM ZEULI

Title

DIRECTOR OF PUBLIC WORKS

Signature

Date Signed
JANUARY 21, 2015

Email address
TOMZEULI@CI.HUDSON.WI.US

Phone Number (incl. area code)
715-386-4767

Return this completed form to:
Wisconsin Department of Natural Resources
Storm Water Program – WT/3
PO Box 7921
Madison, WI  53707-7921
ATTACHMENT 1

A. PUBLIC EDUCATION AND OUTREACH

The City of Hudson has been active in public education and outreach for years. Some recent activities are as follows:

1) Riverfest – An annual 6 day event that focuses on the St. Croix and Willow Rivers including river cleanup, historic walking tours, concerts, bike events, Native American celebration, mussel demos, Carpenter Nature Center demos, library program, nature walks, kayaking and paddle boarding.

2) Sustain Hudson (SustainHudson.org) – An organization established in February, 2010, to provide economic, social and environmental health in the community. They provide education to families, businesses and kids to adopt and implement responsible principles and practices that are sustainable.

3) Urban Forestry – The City of Hudson has an Urban Forestry Advisory Board that advises the City on all matters relating to tree management and urban forestry.

4) High School Sustainability – The City works with the Hudson High School on various sustainability topics, including construction of rain gardens, the benefits and other environmental issues.

5) Artful Rain Gardens – The Phipps Center for the Arts is located in Hudson. The City assists with their Artful Rain Garden Program.

6) Storm Sewer Inlet Stenciling - Students are instructed on the pollution risks from storm sewers followed by a Storm stenciling program with grade school classes “Dump No Waste-Drains to River”

In order to comply with the requirements of the MS4 permit, the City will continue to take on an active role in these events and activities. The City is also looking into participation with the Chippewa Valley Storm Water Forum in order to tap into the education and outreach resources that their organization has already developed.

B. PUBLIC INVOLVEMENT AND PARTICIPATION

1) The City passed an ordinance establishing a storm water utility in 2012. Annual fees are collected and expenditures by activity are as follows:
   A) Street Sweeping
   B) Collection System Maintenance
C) Storm Sewer Lift Stations  
D) Inspection, Testing & Monitoring  
E) Administration

The ordinance provides for an annual public review concerning the continuation and operation of the storm water utility.

2) The City will invite the City Council, interested groups, and the general public to review and comment on the annual MS4 report including the following:  
   A) Status of implementing the permit requirements.  
   B) Status of meeting measurable program goals.  
   C) Compliance with schedules.  
   D) Annual expenditures and budgets.  
   E) Summary of inspections and enforcement actions.  
   F) Identification of any known water quality improvements or degradation.  
   G) Statement or resolution that the City Council has reviewed the annual report.

3) The City is considering participation in the Chippewa Valley Storm Water Forum in 2015. The Form website (www.raintorivers.org) is an education campaign sponsored by numerous municipalities, Eau Claire and Chippewa Counties, with support from UW-Extension and the Wisconsin Department of Natural Resources.

   The forum facilitates the coordination of information and education programs among the different members. A cooperative agreement is in place between members that identifies the scope of group’s tasks and responsibilities.

   Forum members meet monthly, and meeting locations rotate through the various member jurisdictions. Meeting agendas are comprised of various project updates, reports from UW-Extension and WDNR partners, identifying and mobilizing for potential I & E opportunities, and occasional tours.

   The regional UW-Extension Natural Resource Educator is a member of the forum and contributes to educational programs. WDNR staff attends forum meetings, primarily in an advisory capacity to ensure that programs meet expectations for permit programs.

4) The City will consider the creation of a storm water educational page on its city website (www.ci.hudson.wi.us).
5) Copies of educational materials (brochures, flyers, etc.) may be provided to the public at City Hall.

C. ILLEGAL DISCHARGE DETECTION AND ELIMINATION

1) A thorough review and survey of the City storm sewer system is proposed to be done. The survey will include field condition review and GPS coordinates. The GPS will be used to update the overall City Storm Sewer Base Map.

2) The City of Hudson will develop, implement and enforce a program to detect and remove illicit connections and discharges in accordance with WI DNR program guidance #3800-2012-01 Illicit Discharge Detection and Elimination. The program will include an ordinance or other regulatory mechanism to prevent an eliminate illicit discharges and connections to the MS4, initial field screening at all major outfalls, ongoing field screening of outfalls, and procedures for responding to known or suspected illicit discharges.

Our regulatory mechanisms will:

- Prohibit the discharge, spilling or dumping of non-storm water substances or materials.
- Identify non-storm water discharges or flows that are not considered illicit discharges, such as water line flushing, landscape irrigation, diverted stream flows, uncontaminated groundwater infiltration, uncontaminated pumped ground water, discharges from potable water sources, foundation drains, air conditioning condensation, irrigation water, lawn watering, individual residential car washing, flows from riparian habitats and wetlands, fire fighting and discharges authorized under a WPDES permit unless identified by the permittee as significant source of pollutants to waters of the state.
- Establish inspection and enforcement authority. Initial field screening will include a description of visual observations including color, odor, turbidity, oil sheen or surface scum, flow rate and any other relevant observations regarding the potential presence of non-storm water discharges or illicit dumping. If flow is observed, sampling for pH, total chlorine, total copper, total phenol and detergents will be conducted.
On-going dry weather field screening of outfalls during the term of the permit. Outfalls that will be evaluated on an on-going basis and the field screening frequency will be identified. Consideration will be given to hydrological conditions, total drainage area of the site, population density of the site, traffic density, age of the structures or buildings in the area, history of the area and land use types. A description of this on-going field screening program will be submitted to the Department in accordance with section 3.3.4.

D. CONSTRUCTION SITE POLLUTION CONTROL

1) The City of Hudson Ordinance 106-20, Erosion and Sediment Control, establishes standards and specifications to minimize soil erosion and sedimentation. Erosion and sediment control plans are required for all building permits, subdivisions approval or permit to allow land disturbance activities.

2) The City of Hudson has a development plan review policy in place. Proposed developments are reviewed to assure compliance with NR216 and NR151 requirements and the required best management practices (BMP’s).

3) The City of Hudson has developed (and updates annually) Public Works Standard Specifications and Detail Plates to be used on all projects relative to construction and erosion control.

E. POST-CONSTRUCTION SITE STORM WATER MANAGEMENT

To comply with requirement 2.5 the City of Hudson will be developing a comprehensive pre and post construction program to reduce the discharge of sediment and construction materials from construction sites and to require control of the quality of discharges from areas of new development and redevelopment after construction is completed. The program will include new or revised ordinances; design criteria, standards and specifications equivalent to technical standards issued by the WDNR; inspection and enforcement procedures and authority; measurable goals; and ways to address public input on the program.

MS4 Public Outreach 1/20/15
F. POLLUTION PREVENTION

1) As part of the Storm Water Utility, the City currently has a street sweeping program. The budget is reviewed and approved annually including staff salaries and benefits, contractual equipment and services, materials, supplies and expenses. The routine street sweeping includes cleaning of catch basins with sumps and proper disposal of street sweeping material.

2) The City started an annual catch basin repair program. Following the inspection, catch basins in need of repair or reconstruction are included in an annual project that is typically put out for bids from local contractors.

3) The City manages the proportionate amount of road salt applied as well as proper management of leave/grass clippings.

4) The City is currently investigating adding a GIS system for use by all departments (i.e. public works, planning, finance, administration, police and fire). As part of this process, the city wide storm sewer base map will be updated and GPS coordinates will be added. Field surveys to inspect facilities and condition will be included. This updated map shall be in accordance with Section 2.8.

5) The City will consider formulating a method or device to track the City’s current pollution prevention activities. Moving forward, the City would establish measurable goals for pollution prevention in accordance with Section 2.6.