

Due by March 31, 2014

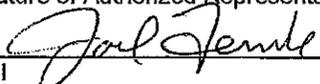
Notice: Pursuant to s. NR 216.07(8), Wis. Adm. Code, an owner or operator of a Municipal Separate Storm Sewer System (MS4) is required to submit an annual report to the Department of Natural Resources (DNR) by March 31 of each year to report on activities for the previous calendar year. This form is 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 2013.

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, 2014, to the appropriate address indicated on the last page of this form.

SECTION I. Municipal Information			
Name of Municipality		Facility ID No. (FIN)	
City of Stevens Point		31424	
Mailing Address	City	State	ZIP Code
300 Bliss Avenue	Stevens Point	WI	54481
County(s) in which Municipality is located	Municipality Type: (select one)		
Portage	<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		Title	
Joel Lemke		Director of Public Utilities	
Mailing Address	City	State	ZIP Code
300 Bliss Avenue	Stevens Point	WI	54481
Email	Phone Number (include area code)	Fax Number (include area code)	
jlemke@stevenspoint.com	(715) 345-5260	(715) 345-5369	

SECTION III. Certification			
<p><i>I hereby certify that I am an authorized representative of the municipality covered under MS4 General Permit No. WI-S050075-1 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.</i></p>			
Authorized Representative Printed Name		Authorized Representative Title	
Joel Lemke		Director of Public Utilities	
Signature of Authorized Representative		Date	
		03/12/2014	
Email	Phone Number (include area code)	Fax Number (include area code)	
jlemke@stevenspoint.com	(715) 345-5260	(715) 345-5369	

SECTION IV. General Information	
<p>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.</p> <p>The Municipal Annual Report is available for viewing at the Utility Office located at 300 Bliss Avenue, Stevens Point WI and is also available for viewing at the City Website at stevenspoint.com/water. The Board of Water and Sewerage Commissioners meeting held in April has an agenda item to discuss the availability of the report. Pursuant to Section 1.1 of the general permit, all official annual reports and all other records related to the permit are accessible by contacting the Department of Natural Resources, Regional Storm Water Contact, Brad Johnson at bradleya.johnson@wisconsin.gov</p>	
<p>b. Describe how elected and municipal officials and appropriate staff have been kept apprised of the municipal storm water discharge permit and its requirements.</p> <p>Regular status updates to the Board of Water and Sewerage Commissioners, monthly meetings of the North Central Storm Water Coalition as well as the Board of Public Works and the City Common Council, Staff meetings within the Storm Water Department, periodic meetings with Community Development Staff, and meetings between the Utility Director and the Mayor and Common Council members regarding drainage issues.</p>	

SECTION IV. General Information (continued)

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:

Storm Water Management Plan, City of Stevens Point Wisconsin, dated February 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 of the general permit as provided under Section 2.10 of the general permit? Yes No

If yes, describe these cooperative efforts:

Stevens Point is a member of the North Central Storm Water Coalition and works with the group on education, outreach, and public involvement. The group also cooperates in reviewing new rule changes and attempts to streamline compliance activities for both the members of the coalition and for builders in our jurisdiction. The City of Stevens Point Storm Water Utility along with the City of Stevens Point Waste Water Utility has also joined the newly formed Wisconsin River Dischargers Group.

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

If yes, provide web address:

stevenspoint.com

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:

City of Stevens Point Ordinances - stevenspoint.com/code/index.html

City of Stevens Point Information - stevenspoint.com/water/index.html

North Central Stormwater Coalition - basineducation.uwex.edu/centralwis/stormwater.html

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. 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

Storm Water Education and Outreach Plan adopted in 2008 was utilized to direct public education and outreach efforts in 2013. The attached spread sheet includes educational activities completed in 2013.

• Public Involvement and Participation

- 1.) The North Central Storm Water Coalition monthly meetings are open to the public, posted on Marathon County on-line bulletin board and sent to the Wausau Daily Herald, City Pages, Marshfield News, and Midwest Radio Group. Meeting minutes are posted on the Marathon County website and sent to all NCWS members.
- 2.) The City of Stevens Point has adopted procedures for storm drain stenciling for interested groups.
- 3.) The City has made it a policy to order all new inlet and catch basin covers with an environmental notice indicating no dumping drains to freshwater/river to further reach the public at large and to discourage pollution.
- 4.) The City has utilized a City owned message board on Business 51 to promote environmental fairs and events such as rain barrel workshops to promote local events that promote good stewardship of the rivers and lakes. NCWS and the City's Americorp position have presented demonstrations on storm water runoff at fairs and festivals within the Stevens Point and Marathon County areas to promote good stewardship of the water ways and to raise awareness of pollutions effect on the receiving waters in our area.

• Illicit Discharge Detection and Elimination

The City performed Illicit Discharge Detection and Elimination in 2011 and repeated testing in the same locations in 2013 to follow up on the results (REPORT ATTACHED).

SECTION V. Permit Conditions (continued)

• Construction Site Pollutant Control

The City of Stevens Point Public Utilities requires Erosion Control Plans on all construction projects as required by Chapter 31 of the City Ordinances. All sites larger than one acre of land disturbance require the contractor or developer's engineer to conduct erosion control inspections weekly or after and rainfall event exceeding 0.5-inches within 24-hours. The contractor or engineer is required to maintain these inspection records on site and provide them to the City upon request. Utility Staff continue to conduct random inspections of open project sites and require modifications where necessary. Utility Staff also responds to complaints raised by residents or other departments. The city also requires commercial sites smaller than an acre provide calculations to verify that their proposed project will not adversely affect neighboring properties or City infrastructure.

• Post-Construction Storm Water Management

All non-exempt developments within the City over one-acre are required by ordinance to record Maintenance Agreements for all post construction storm water management practices. Exemptions are only allowed when provided by ordinance as allowed by DNR regulations. The City has developed a recording form for the recording of these Maintenance Agreements and is verifying that these agreements are recorded prior to approval of Storm Water and Erosion Control Permits. The City continues to perform routine maintenance on City owned properties for storm water management.

• Pollution Prevention

The City continues to participate in the beneficial reuse program for street sweepings as permitted Portage County and Marathon County. The City also provides leaf and yard waste to a local commercial composter for their use reducing the nutrient loads from this material entering local receiving water bodies. The City continues to maintain a drop off site at the City Garage allowing residents to drop off leaf and yard waste throughout the year outside of city wide collection times and preforms City wide street sweeping from early spring through late fall.

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 WinSLAM Version 9.1.3 Reduction (%) 32

If no, include a description of any actions the municipality has undertaken during 2013 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:

c. 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 2013. If available, attach any additional information on the maintenance program.

The city performs routine mowing of city owned ponds, and routinely cleans catch basin sumps, as well as conducting routine street sweeping to remove accumulated sediments from ponds and catch basins.

d. 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.

There were no significant changes to the Storm Sewer System completed in 2013 and no changes to the MS4 map were performed. Storm sewer work on Ellis Street consisted of replacement of sewers.

SECTION VI. Fiscal Analysis

a. Provide a fiscal analysis that includes the annual expenditures for 2013, and the budget for 2013 and 2014. A table to document fiscal information is provided on page 6.

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.

All developed properties in the City pay a fee based on the average square feet of impervious surface of 125 randomly selected residential properties which came to 3,364 sq. ft. which equals 1 ERU. All single family residences are billed for 1 ERU (3'364 sq. ft.), duplex and triplex are billed at .8 ERU per unit, 1.6 ERU'S and 2.4 ERU'S respectively. fourplex and up are billed on actual square feet of impervious surface as are all commercial industrial and public properties. One ERU=3,364 sq. ft.=\$59.08 per year.

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:

stevenspoint.com/code/index

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:

stevenspoint.com/code/index

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:

stevenspoint.com/code/index

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 City has performed inspections of permitted construction sites as part of building inspection visits and the City Storm Water Utility makes random site inspections to specifically review Storm Water and Erosion Control practices. The Storm Water Manager made approximately 20 site visits in 2013 and had the contractor/developers make corrections where necessary. City projects are monitored by the Public Utilities division and our inspectors check on inlet protection and erosion control and the contractor completes weekly DOT erosion control forms. The Storm Water Manager also makes site visits and corrections as necessary on City projects. The Police and Fire Departments maintain any records of any release from an accident site and take the lead in disposal and containment of those spills that may pose a danger to life or property. These records can be made available upon request by the DNR.

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:

SECTION VIII. Water Quality Concerns (continued)

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:
- 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:

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

No noticeable improvements have been observed in the local receiving water bodies over the past year that can be attributed to this program

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.

No noticeable degradation of the water quality has been observed over the permit year.

SECTION IX. Proposed Program Changes

Describe any proposed changes to the storm water management program being contemplated by the municipality for 2014 and the schedule for implementing those changes. Proposed program changes must be consistent with the requirements of the general permit.

The Storm Water Utility will be mowing retention ponds and ditches, cleaning catch basins, cleaning and root cutting catch basin leads and storm sewer mains. This year we intend to begin a televised inspection of the entire system, it is hard to put a time frame on completion because the majority of the pipes have never been cleaned making it a task that is sure to be time consuming (5 years?). We also plan on ditching areas that are prone to having water standing on roadways after rain events and spring thaws, making repairs and/or replacing any defective catch basins and pipe that we identify these tasks will likely be completed between May and October each year. We will be replacing, adding and upgrading Storm Sewer to about 2,400 feet of Bukolt Avenue and 360 feet of Georgia Street as part of a reconstruction project this summer.

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

Program Element	Annual Expenditure 2013	Budget		Source of Funds
		2013	2014	
Public Education and Outreach	4,710	4,710	4,710	Public Utilities
Public Involvement and Participation	2,920	2,920	2,920	Public Utilities
Illicit Discharge Detection and Elimination	1,880	1,880	1,880	Public Utilities
Construction Site Pollutant Control	2,920	2,920	2,920	Public Utilities
Post-Construction Storm Water Management	2,920	2,920	2,920	Public Utilities
Pollution Prevention	2,920	2,920	2,920	Public Utilities
Storm Water Quality Management (including pollutant-loading analysis)	2,920	2,920	2,920	Public Utilities
Storm Sewer System Map	2,920	2,920	2,920	Public Utilities
Other: Operation and Maintenance				Public Utilities

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

**North Central Wisconsin Stormwater Coalition (NCWSC)
Integrity Bank Checking Account #XXXXXX**

Date	Check No.	Payable to/from	Activity Description	Deposit	Check Amount	Balance
2013						
3/20/2013		Marathon County	Initial Administrative Transfer	18,581.00		18,581.00
		Check Charge	Admin.		-18.55	18,562.45
4/15/2013	1001	Wisconsin River Cleanup	Educational Event Sponsorship			18,262.45
5/13/2013	1002-1150	Checks Voided	Admin.		-300.00	
5/13/2013	1151	DigiCopy	Laminate Ed. Display Boards		-79.60	18,182.85
5/22/2013		Gray Television over payment	Admin,	105.00		18,287.85
6/4/2013	1152	Menards	Rain Barrel Supplies		-463.44	17,824.41
6/6/2013	1153	Diane Wessel	Rain Barrel Supplies		-7.78	17,816.63
6/27/2013		Sliwinski	Rain Barrel Workshop Reg.	30.00		
		Meyer	Rain Barrel Workshop Reg.	30.00		
		Downing	Rain Barrel Workshop Reg.	30.00		
		Dietz	Rain Barrel Workshop Reg.	30.00		
		Anderson	Rain Barrel Workshop Reg.	30.00		
		Bishop	Rain Barrel Workshop Reg.	30.00		
		Wilson	Rain Barrel Workshop Reg.	60.00		
		Hoglund	Rain Barrel Workshop Reg.	60.00		18,116.63
8/14/2013	1154	Grainger	Rain Barrel Supplies		-76.00	18,040.63
8/14/2013	1155	Grainger	Rain Barrel Supplies		-399.98	17,640.65
2014						
1/3/2014	1156	UWSP	WI River Map Sponsorship		1,500.00	16,140.65
1/21/2014		Lincoln County check reissued	Admin.	150.00		
1/21/2014		City of Wisconsin Rapids	Community Ed. Budget Contribution	1,000.00		
1/21/2014		Village of Kronenwetter	Community Ed. Budget Contribution	1,000.00		
1/21/2014		City of Schofield	Community Ed. Budget Contribution	1,000.00		19,290.65

TECHNICAL MEMORANDUM



Date: December 8, 2013

To: City of Stevens Point Director of Public Utilities and Transportation

From: Schoen Engineering Solutions LLC

Subject: 2013 Illicit Discharge Detection and Elimination Dry Weather Screening--

Executive Summary: The City of Stevens Point contracted with Schoen Engineering Solutions LLC (SES) to conduct dry weather screenings of the City’s major outfalls. The field screenings were conducted in accordance with Wisconsin Department of Natural Resources (WDNR) permit requirements. Two samples indicated the presence of copper, but the conclusion of SES professional staff is that this was due to the color of the sampled water resembling the appearance of an actual positive sample, and not due to an illicit discharge of copper.

Purpose: WDNR requires the screening as a condition of the Wisconsin Pollutant Discharge Elimination System (WDPES) General Permit to discharge stormwater from a Municipal Separate Storm Sewer System (MS4), Permit No. WI-S050075-1. The permit requires all major outfalls to be screened annually; major outfalls are classified as those with either an inside diameter of at least 36 inches (or equivalent cross sectional area) serving a drainage area of at least 50 acres, or an inside diameter of at least 12 inches draining at least two acres of industrial land use. The permit requires chemical testing at outfalls where flow is present. The permit holder is allowed to choose from two sample panels, either pH, total chlorine, total copper, total phenol and detergents, or detergent, ammonia, potassium and fluoride.

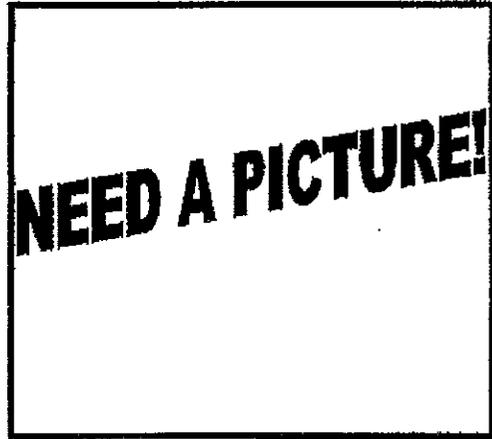
Methods: In collaboration with SES, the City chose to utilize the pH, total chlorine, total copper, total phenol and detergent test panel. Field samples were taken at all outfalls where flow was present and testing was performed utilizing CHEMetrics field test kits for chemical constituents and an Oakton Instruments pHTestr 20 unit for pH. Major Outfall identification was per the City of Stevens Point Stormwater Management Plan; chemical test parameter limits were as follows:

Parameter	Acceptable Limit
pH	Between 6.0 and 9.0
Chlorine	Detection
Detergent	Less than 0.5 mg/l
Copper	Less than 0.1 mg/l
Phenols	Detection

ILLCIT DISCHARGE INSPECTION FORM
STEVENS POINT, WISCONSIN

Outfall: WR-1 Watershed: WISCONSIN RIVER
Location & Description: SOUTH OF DAM, WEST SIDE OF RIVER

Inspector's Names: ROB MUESKE / KARI SCHOEN
Date of Inspection: 10/30/13
Date & amount of last rainfall: 10/26 T
Is pipe/outfall active? Y
Ambient Temperature: 43 °F



**OUTFALL SCREENING RESULTS
FIRST SAMPLE**

Date/Time: 10/30 10:57

OBSERVATION

Color: TAN
Odor: NONE
Turbidity: NO
Floatables: VEGETATIVE PIECES
Surface Sheen: VERY SLIGHT

SAMPLE RESULTS (follow-up level)

pH: <u>7.4</u>	(6.0 > sample > 9.0)
Total Chlorine: <u>Ø</u>	mg/L (detection)
Detergent: <u>0.2</u>	mg/L (sample ≥ 0.5)
Total Copper: <u>N/A</u>	mg/L (sample ≥ 0.1)
Total Phenol: <u>Ø</u>	mg/L (detection)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (< 2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: 6 inches

Additional Comments/Observations: WATER COLOR MATCHES COPPER COMPARISON SHEET

**OUTFALL SCREENING RESULTS
SECOND SAMPLE (if necessary)**

Date/Time:

OBSERVATION

Color: _____
Odor: _____
Turbidity: _____
Floatables: _____
Surface Sheen: _____

SAMPLE RESULTS (follow-up level)

pH: _____	(6.0 > sample > 9.0)
Total Chlorine: _____	mg/L (detection)
Detergent: _____	mg/L (sample ≥ 0.5)
Total Copper: _____	mg/L (sample ≥ 0.1)
Total Phenols: _____	mg/L (detection)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (< 2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: _____ inches

Additional Comments/Observations: _____

ILLICIT DISCHARGE INSPECTION FORM
STEVENS POINT, WISCONSIN

Outfall: WR-2 Watershed: WISCONSIN RIVER

Location & Description: NORTH SIDE OF I-90 AT EAST BRIDGE

Inspector's Names: KURT SCHMIDT AND MORSKE
Date of Inspection: 10/26/13
Date & amount of last rainfall: 10/26 T
Is pipe/outfall active? Y
Ambient Temperature: 44 °F



OUTFALL SCREENING RESULTS
FIRST SAMPLE

Date/Time: 10/30 12:22

OBSERVATION

Color: ORANGE / BROWN
Odor: NO
Turbidity: NO
Floatables: VEGETATION
Surface Sheen: NO

SAMPLE RESULTS (follow-up level)

pH: <u>7.2</u>	(6.0 > sample > 9.0)
Total Chlorine: <u>0</u>	mg/L (detection)
Detergent: <u>0</u>	mg/L (sample > 0.5)
Total Copper: <u>0.3</u>	mg/L (sample > 0.1)
Total Phenol: <u>0.2</u>	mg/L (detection)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: 4 inches

Additional Comments/Observations: WATER MATCHES 0.3 IN CU COMPARTMENT AS COLLECTED AND 0.2 IN PHENOL COMPARTMENT

OUTFALL SCREENING RESULTS
SECOND SAMPLE (if necessary)

Date/Time:

OBSERVATION

Color: _____
Odor: _____
Turbidity: _____
Floatables: _____
Surface Sheen: _____

SAMPLE RESULTS (follow-up level)

pH: _____	(6.0 > sample > 9.0)
Total Chlorine: _____	mg/L (detection)
Detergent: _____	mg/L (sample > 0.5)
Total Copper: _____	mg/L (sample > 0.1)
Total Phenols: _____	mg/L (detection)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

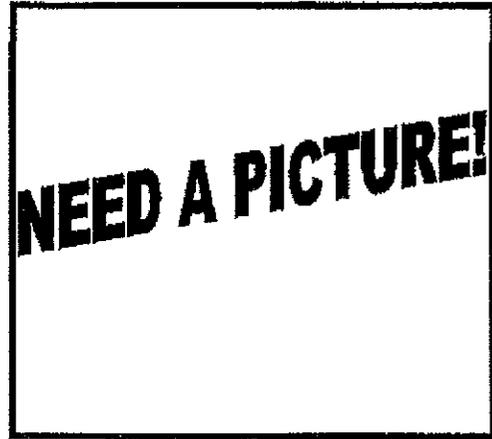
Water Level in Pipe/Channel: _____ inches

Additional Comments/Observations: _____

ILLICIT DISCHARGE INSPECTION FORM
STEVENS POINT, WISCONSIN

Outfall: W1-9 Watershed: WISCONSIN RIVER
Location & Description: SW OF WWTP

Inspector's Names: ROB MUELSKI / KURT SCHWEN
Date of Inspection: 11/26/13
Date & amount of last rainfall: 11/26 T
Is pipe/outfall active? Y
Ambient Temperature: 43 °F



OUTFALL SCREENING RESULTS

FIRST SAMPLE

Date/Time:

OBSERVATION

Color: _____
Odor: _____
Turbidity: _____
Floatables: _____
Surface Sheen: _____

SAMPLE RESULTS (follow-up level)

pH: _____ (6.0 > sample > 9.0)
Total Chlorine: _____ mg/L (detection)
Detergent: _____ mg/L (sample > 0.5)
Total Copper: _____ mg/L (sample > 0.1)
Total Phenol: _____ mg/L (detection)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: _____ inches

Additional Comments/Observations: INACCESSIBLE DUE TO FENCE, POTENTIALLY
SUBMERGED. RECOMMEND MOVING SAMPLE POINT UPTREAM

OUTFALL SCREENING RESULTS

SECOND SAMPLE (if necessary)

Date/Time:

OBSERVATION

Color: _____
Odor: _____
Turbidity: _____
Floatables: _____
Surface Sheen: _____

SAMPLE RESULTS (follow-up level)

pH: _____ (6.0 > sample > 9.0)
Total Chlorine: _____ mg/L (detection)
Detergent: _____ mg/L (sample > 0.5)
Total Copper: _____ mg/L (sample > 0.1)
Total Phenols: _____ mg/L (detection)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: _____ inches

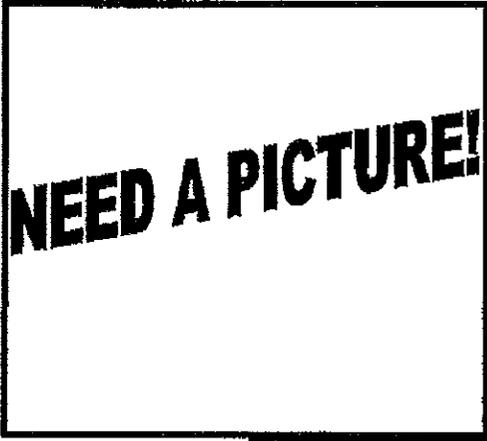
Additional Comments/Observations: _____

ILLICIT DISCHARGE INSPECTION FORM
STEVENS POINT, WISCONSIN

Outfall: PR3 Watershed: PLOVER RIVER

Location & Description: NORTH SIDE I-39 NORTH BOUND ONRAMP ACROSS
FROM TARGET (WEST GALLA RD)

Inspector's Names: KURT SCHEN / ROB MUSKI
Date of Inspection: 10/20/13
Date & amount of last rainfall: 10/26 T
Is pipe/outfall active? N
Ambient Temperature: 44 °F



OUTFALL SCREENING RESULTS

FIRST SAMPLE

Date/Time: _____

OBSERVATION

Color: _____
Odor: _____
Turbidity: _____
Floatables: _____
Surface Sheen: _____

SAMPLE RESULTS (follow-up level)

pH: _____ (6.0 > sample > 9.0)
Total Chlorine: _____ mg/L (detection)
Detergent: _____ mg/L (sample > 0.5)
Total Copper: _____ mg/L (sample > 0.1)
Total Phenol: _____ mg/L (detection)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: _____ inches

Additional Comments/Observations: _____

OUTFALL SCREENING RESULTS

SECOND SAMPLE (if necessary)

Date/Time: _____

OBSERVATION

Color: _____
Odor: _____
Turbidity: _____
Floatables: _____
Surface Sheen: _____

SAMPLE RESULTS (follow-up level)

pH: _____ (6.0 > sample > 9.0)
Total Chlorine: _____ mg/L (detection)
Detergent: _____ mg/L (sample > 0.5)
Total Copper: _____ mg/L (sample > 0.1)
Total Phenols: _____ mg/L (detection)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: _____ inches

Additional Comments/Observations: _____

ILLICIT DISCHARGE INSPECTION FORM
STEVENS POINT, WISCONSIN

Outfall: PR-9 Watershed: PLUVER RIVER

Location & Description: NORTH SIDE OF STA 66 (HAWN ST) N. OF FURBER
PARK

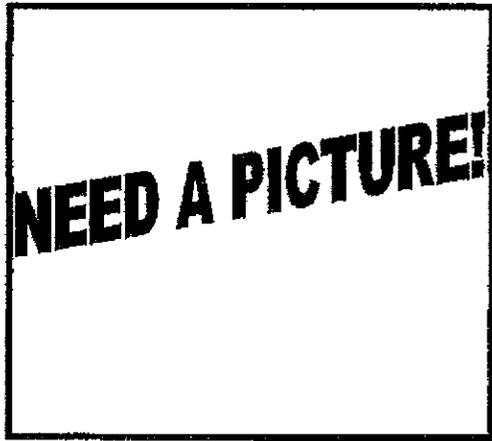
Inspector's Names: ROB THURSD / KURT SCHMIDT

Date of Inspection: 10/2/15

Date & amount of last rainfall: 10/26 T

Is pipe/outfall active? N

Ambient Temperature: 44 °F



OUTFALL SCREENING RESULTS

FIRST SAMPLE

Date/Time: _____

OBSERVATION

Color: _____

Odor: _____

Turbidity: _____

Floatables: _____

Surface Sheen: _____

SAMPLE RESULTS (follow-up level)

pH: _____

Total Chlorine: _____

Detergent: _____

Total Copper: _____

Total Phenol: _____

(6.0 > sample > 9.0)
mg/L (detection)
mg/L (sample ≥ 0.5)
mg/L (sample ≥ 0.1)
mg/L (detection)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: _____ inches

Additional Comments/Observations: _____

OUTFALL SCREENING RESULTS

SECOND SAMPLE (if necessary)

Date/Time: _____

OBSERVATION

Color: _____

Odor: _____

Turbidity: _____

Floatables: _____

Surface Sheen: _____

SAMPLE RESULTS (follow-up level)

pH: _____

Total Chlorine: _____

Detergent: _____

Total Copper: _____

Total Phenols: _____

(6.0 > sample > 9.0)
mg/L (detection)
mg/L (sample ≥ 0.5)
mg/L (sample ≥ 0.1)
mg/L (detection)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: _____ inches

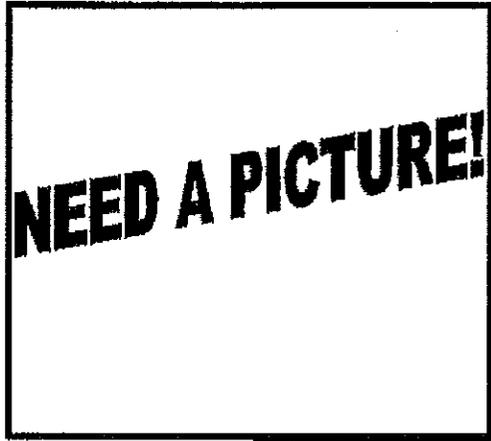
Additional Comments/Observations: _____

ILLICIT DISCHARGE INSPECTION FORM
STEVENS POINT, WISCONSIN

Outfall: PR-11 Watershed: PLOVER R.

Location & Description: POUD SB OF BUSINESS PARK DR AND VERN
HOLMES DR

Inspector's Names: KURT SCHEW / ROB MOUSKE
Date of Inspection: 10/20/13
Date & amount of last rainfall: 10/26 T
Is pipe/outfall active? N
Ambient Temperature: 45 °F



OUTFALL SCREENING RESULTS
FIRST SAMPLE
Date/Time:

OBSERVATION

Color: _____
Odor: _____
Turbidity: _____
Floatables: _____
Surface Sheen: _____

SAMPLE RESULTS (follow-up level)

pH: _____ (6.0 > sample > 9.0)
Total Chlorine: _____ mg/L (detection)
Detergent: _____ mg/L (sample > 0.5)
Total Copper: _____ mg/L (sample > 0.1)
Total Phenol: _____ mg/L (detection)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: _____ inches

Additional Comments/Observations: OUTFALL SUBMERGED APP. 1" WITH NO
SIGN OF MOVEMENT, SAMPLE WOULD BE DETECTION POND WATER.

OUTFALL SCREENING RESULTS
SECOND SAMPLE (if necessary)
Date/Time:

OBSERVATION

Color: _____
Odor: _____
Turbidity: _____
Floatables: _____
Surface Sheen: _____

SAMPLE RESULTS (follow-up level)

pH: _____ (6.0 > sample > 9.0)
Total Chlorine: _____ mg/L (detection)
Detergent: _____ mg/L (sample > 0.5)
Total Copper: _____ mg/L (sample > 0.1)
Total Phenols: _____ mg/L (detection)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: _____ inches

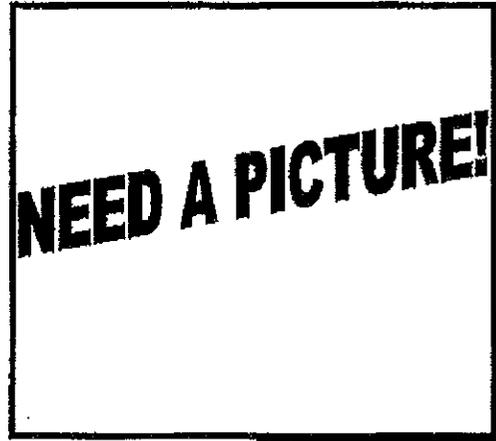
Additional Comments/Observations: _____

ILLICIT DISCHARGE INSPECTION FORM
STEVENS POINT, WISCONSIN

Outfall: PR-12 Watershed: PLOVER RIVER

Location & Description: WEST SIDE OF BUSINESS PARK OR NORTH OF
AIG BUILDING SOUTH OF OAKVIEW RENTAL

Inspector's Names: ROB WUSIK/KUMI SCHOEN
Date of Inspection: 10/30/31
Date & amount of last rainfall: 10/26 T
Is pipe/outfall active? N
Ambient Temperature: 45 °F



OUTFALL SCREENING RESULTS

FIRST SAMPLE

Date/Time: _____

OBSERVATION

Color: _____
Odor: _____
Turbidity: _____
Floatables: _____
Surface Sheen: _____

SAMPLE RESULTS (follow-up level)

pH: _____ (6.0>sample>9.0)
Total Chlorine: _____ mg/L (detection)
Detergent: _____ mg/L (sample≥0.5)
Total Copper: _____ mg/L (sample≥0.1)
Total Phenol: _____ mg/L (detection)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: _____ inches

Additional Comments/Observations: _____

OUTFALL SCREENING RESULTS

SECOND SAMPLE (if necessary)

Date/Time: _____

OBSERVATION

Color: _____
Odor: _____
Turbidity: _____
Floatables: _____
Surface Sheen: _____

SAMPLE RESULTS (follow-up level)

pH: _____ (6.0>sample>9.0)
Total Chlorine: _____ mg/L (detection)
Detergent: _____ mg/L (sample≥0.5)
Total Copper: _____ mg/L (sample≥0.1)
Total Phenols: _____ mg/L (detection)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

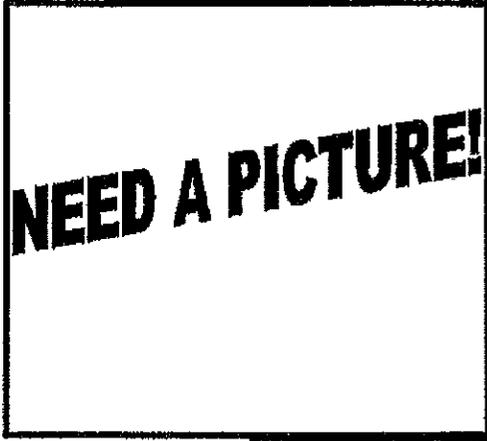
Water Level in Pipe/Channel: _____ inches

Additional Comments/Observations: _____

ILLCIT DISCHARGE INSPECTION FORM
STEVENS POINT, WISCONSIN

Outfall: PR-14 Watershed: PLOVER RIVER
Location & Description: EAST SIDE OF POND, NW CORNER OF BARLOWE RD
AND EM COOPS DR

Inspector's Names: KURT SCHUBERT/ROB MULSKI
Date of Inspection: 10/21/13
Date & amount of last rainfall: 10/26 T
Is pipe/outfall active? N
Ambient Temperature: 45 °F



OUTFALL SCREENING RESULTS
FIRST SAMPLE

Date/Time: _____

OBSERVATION

Color: _____
Odor: _____
Turbidity: _____
Floatables: _____
Surface Sheen: _____

SAMPLE RESULTS (follow-up level)

pH: _____ (6.0 > sample > 9.0)
Total Chlorine: _____ mg/L (detection)
Detergent: _____ mg/L (sample > 0.5)
Total Copper: _____ mg/L (sample > 0.1)
Total Phenol: _____ mg/L (detection)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: _____ inches

Additional Comments/Observations: _____

OUTFALL SCREENING RESULTS
SECOND SAMPLE (if necessary)

Date/Time: _____

OBSERVATION

Color: _____
Odor: _____
Turbidity: _____
Floatables: _____
Surface Sheen: _____

SAMPLE RESULTS (follow-up level)

pH: _____ (6.0 > sample > 9.0)
Total Chlorine: _____ mg/L (detection)
Detergent: _____ mg/L (sample > 0.5)
Total Copper: _____ mg/L (sample > 0.1)
Total Phenols: _____ mg/L (detection)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: _____ inches

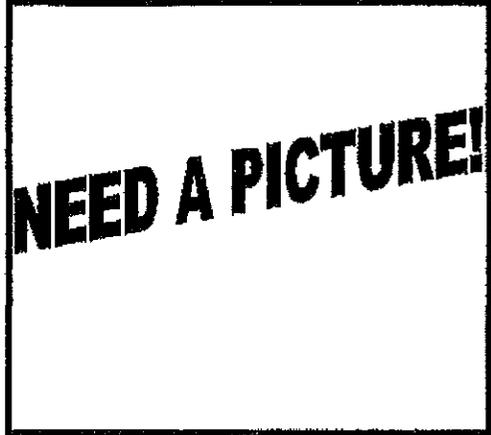
Additional Comments/Observations: _____

ILLICIT DISCHARGE INSPECTION FORM
STEVENS POINT, WISCONSIN

Outfall: PR-15 Watershed: PLOVER RIVER

Location & Description: WEST CENTRAL PART OF PORTAGE CO BUSINESS PARK
~200' W OF NE CORNER OF AIG BUILDING ~500' EAST OF I-39

Inspector's Names: KURT SCHOEN/ ROB HUSKE
Date of Inspection: 10/31/91
Date & amount of last rainfall: 10/26 T
Is pipe/outfall active? N
Ambient Temperature: 45 °F



OUTFALL SCREENING RESULTS

FIRST SAMPLE

Date/Time: _____

OBSERVATION

Color: _____
Odor: _____
Turbidity: _____
Floatables: _____
Surface Sheen: _____

SAMPLE RESULTS (follow-up level)

pH: _____ (6.0>sample>9.0)
Total Chlorine: _____ mg/L (detection)
Detergent: _____ mg/L (sample>0.5)
Total Copper: _____ mg/L (sample>0.1)
Total Phenol: _____ mg/L (detection)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: _____ inches

Additional Comments/Observations: _____

OUTFALL SCREENING RESULTS

SECOND SAMPLE (if necessary)

Date/Time: _____

OBSERVATION

Color: _____
Odor: _____
Turbidity: _____
Floatables: _____
Surface Sheen: _____

SAMPLE RESULTS (follow-up level)

pH: _____ (6.0>sample>9.0)
Total Chlorine: _____ mg/L (detection)
Detergent: _____ mg/L (sample>0.5)
Total Copper: _____ mg/L (sample>0.1)
Total Phenols: _____ mg/L (detection)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: _____ inches

Additional Comments/Observations: _____

ILLICIT DISCHARGE INSPECTION FORM
STEVENS POINT, WISCONSIN

Outfall: WR-3 Watershed: WISCONSIN RIVER

Location & Description: W. END OF BLISS AVE

Inspector's Names: KURT SCHUBEN / ROB MALSKI
Date of Inspection: 10/30/13
Date & amount of last rainfall: 10/26 T
Is pipe/outfall active? Y
Ambient Temperature: 43 °F



OUTFALL SCREENING RESULTS
FIRST SAMPLE
Date/Time:

OBSERVATION

Color: _____
Odor: _____
Turbidity: _____
Floatables: _____
Surface Sheen: _____

SAMPLE RESULTS (follow-up level)

pH: _____ (6.0 > sample > 9.0)
Total Chlorine: _____ mg/L (detection)
Detergent: _____ mg/L (sample > 0.5)
Total Copper: _____ mg/L (sample > 0.1)
Total Phenol: _____ mg/L (detection)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: 12 inches

Additional Comments/Observations: OUTFALL INVERT SUBMERGED

OUTFALL SCREENING RESULTS
SECOND SAMPLE (if necessary)
Date/Time:

OBSERVATION

Color: _____
Odor: _____
Turbidity: _____
Floatables: _____
Surface Sheen: _____

SAMPLE RESULTS (follow-up level)

pH: _____ (6.0 > sample > 9.0)
Total Chlorine: _____ mg/L (detection)
Detergent: _____ mg/L (sample > 0.5)
Total Copper: _____ mg/L (sample > 0.1)
Total Phenols: _____ mg/L (detection)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: _____ inches

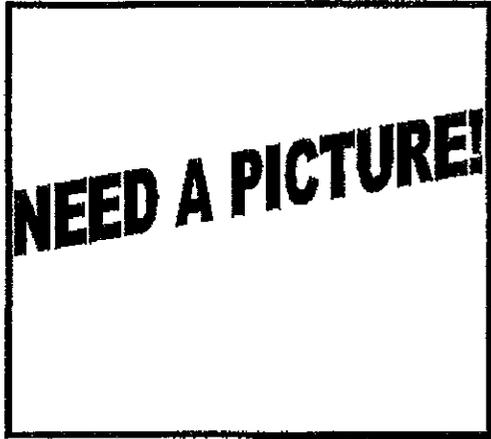
Additional Comments/Observations: _____

ILLICIT DISCHARGE INSPECTION FORM
STEVENS POINT, WISCONSIN

Outfall: WR-4 Watershed: WISCONSIN RIVER

Location & Description: NORTH OF RR BRIDGE AT WEST END OF
WISCONSIN STREET.

Inspector's Names: KURT SCHUM/ALB MOSEK
Date of Inspection: 10/30/13
Date & amount of last rainfall: 10/26 T
Is pipe/outfall active? Y
Ambient Temperature: 43 °F



OUTFALL SCREENING RESULTS
FIRST SAMPLE

Date/Time: _____

OBSERVATION

Color: _____
Odor: _____
Turbidity: _____
Floatables: _____
Surface Sheen: _____

SAMPLE RESULTS (follow-up level)

pH: _____ (6.0 > sample > 9.0)
Total Chlorine: _____ mg/L (detection)
Detergent: _____ mg/L (sample > 0.5)
Total Copper: _____ mg/L (sample > 0.1)
Total Phenol: _____ mg/L (detection)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: _____ inches

Additional Comments/Observations: OUTFALL SUBMERGED

OUTFALL SCREENING RESULTS
SECOND SAMPLE (if necessary)

Date/Time: _____

OBSERVATION

Color: _____
Odor: _____
Turbidity: _____
Floatables: _____
Surface Sheen: _____

SAMPLE RESULTS (follow-up level)

pH: _____ (6.0 > sample > 9.0)
Total Chlorine: _____ mg/L (detection)
Detergent: _____ mg/L (sample > 0.5)
Total Copper: _____ mg/L (sample > 0.1)
Total Phenols: _____ mg/L (detection)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: _____ inches

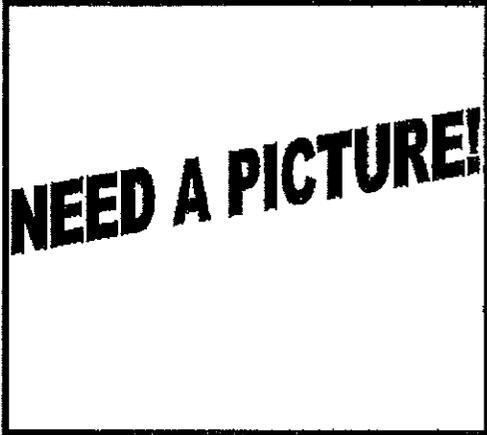
Additional Comments/Observations: _____

ILLICIT DISCHARGE INSPECTION FORM
STEVENS POINT, WISCONSIN

Outfall: WR-5 Watershed: WISCONSIN RIVER

Location & Description: NEAR NE CORNER OF MAAT

Inspector's Names: ROB HOLSKY/ KURT SCHOEN
Date of Inspection: 10/30/13
Date & amount of last rainfall: 10/26 T
Is pipe/outfall active? Y
Ambient Temperature: 41 °F



OUTFALL SCREENING RESULTS

FIRST SAMPLE

Date/Time: 10/30 10:25

OBSERVATION

Color: BROWNISH ORANGE
Odor: SLIGHT MUSTY
Turbidity: CLOUDY
Floatables: VEGETATION
Surface Sheen: SLIGHT SHEEN

SAMPLE RESULTS (follow-up level)

pH: 7.2
Total Chlorine: Ø (6.0>sample>9.0)
Detergent: 0.2 mg/L (detection)
Total Copper: 0.5 mg/L (sample>0.5)
Total Phenol: Ø mg/L (sample>0.1)
mg/L (detection)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: 8 inches

Additional Comments/Observations: STAGNANT WATER WITH VERY UNUSUAL BRIGHT ORANGE COLOR. COPPER LIKELY FALSE POSITIVE DUE TO WATER COLOR. RECOMMEND FURTHER MONITORING OF COLOR.

OUTFALL SCREENING RESULTS

SECOND SAMPLE (if necessary)

Date/Time:

OBSERVATION

Color: _____
Odor: _____
Turbidity: _____
Floatables: _____
Surface Sheen: _____

SAMPLE RESULTS (follow-up level)

pH: _____ (6.0>sample>9.0)
Total Chlorine: _____ mg/L (detection)
Detergent: _____ mg/L (sample>0.5)
Total Copper: _____ mg/L (sample>0.1)
Total Phenols: _____ mg/L (detection)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: _____ inches

Additional Comments/Observations: _____

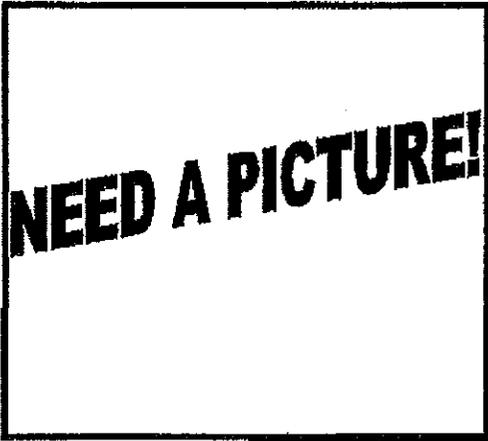
ILLICIT DISCHARGE INSPECTION FORM
STEVENS POINT, WISCONSIN

Outfall: PR 13 Watershed: FLOWER RIVER

Location & Description: WEST END OF FURNITURE AND APPLIANCE MART WAREHOUSE
IN NORTHWEST PORTION OF PORTAGE 10 BUSINESS PARK

Inspector's Names: ROB HILSKY / KURT SCHWEN
Date of Inspection: 10/30/13
Date & amount of last rainfall: 10/26 T
Is pipe/outfall active? N
Ambient Temperature: 45

of



OUTFALL SCREENING RESULTS
FIRST SAMPLE
Date/Time:

OBSERVATION

Color: _____
Odor: _____
Turbidity: _____
Floatables: _____
Surface Sheen: _____

SAMPLE RESULTS (follow-up level)

pH: _____
Total Chlorine: _____ (6.0 > sample > 9.0)
Detergent: _____ mg/L (detection)
Total Copper: _____ mg/L (sample > 0.5)
Total Phenol: _____ mg/L (sample > 0.1)
mg/L (detection)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: _____ inches

Additional Comments/Observations: _____

OUTFALL SCREENING RESULTS
SECOND SAMPLE (if necessary)
Date/Time:

OBSERVATION

Color: _____
Odor: _____
Turbidity: _____
Floatables: _____
Surface Sheen: _____

SAMPLE RESULTS (follow-up level)

pH: _____
Total Chlorine: _____ (6.0 > sample > 9.0)
Detergent: _____ mg/L (detection)
Total Copper: _____ mg/L (sample > 0.5)
Total Phenols: _____ mg/L (sample > 0.1)
mg/L (detection)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: _____ inches

Additional Comments/Observations: _____

Results and Discussion:

Outfall ID	Outfall Location	Flow?	Tests within limits?	Comment
WR-1	South of dam, west side of Wisconsin River.	Y	Y	See extended comment below for Copper test.
WR-2	North side of CTH HH at East bridge	Y	N	See extended comments below for Copper and Phenol test.
WR-3	West end of Bliss Ave	Y	N/A	See comments below.
WR-4	North of railroad bridge at west end of Wisconsin Street.	Y	N/A	See comments below.
WR-5	Near northeast corner of K-Mart parking lot	Y	Y	See comments below.
WR-9	Southwest of WWTP	Y	N/A	Inaccessible; see recommendations.
PR-3	North side of I-39 northbound near Golla Rd.	N	N/A	
PR-9	North side of STH 66 north of Iverson Park.	N	N/A	
PR-11	Pond at southeast corner of Business Park Dr and Vern Holmes Dr	N	N/A	Outfall invert submerged in pond by approximately 1 inch with no sign of flow; sample would have been standing detention pond, no upstream access.
PR-12	West side of Business Park Dr N of AIG building, south of Oakview Dental.	N	N/A	
PR-13	Northwest portion of Portage Co. Business Park at west end of Furniture and Appliance Mart warehouse.	N	N/A	
PR-14	East side of pond, northwest side of Brilowski Rd and Encopps Dr.	N	N/A	
PR-15	West central part of Portage Co Business Park	N	N/A	

1. The Copper test at WR-1 was not performed because the water sample obtained from the outfall visually resembled the hue in the copper comparator and a positive result would have resulted
2. Sample at WR-2 visually resembled comparator for both Phenol and Copper tests. Holding a sample of water taken directly from the water source up against the comparator yielded the same result for Copper and Phenols as obtained by using the CHEMetrics protocol.
3. Sample not available for WR-3. The outfall is submerged in the Wisconsin River, and sample not available at upstream access point.

4. Sample not available for WR-4. The outfall invert was submerged below the surface of the Wisconsin River, and upstream access not available.
5. Standing water below the WR-5 outfall was a very bright orange color. The sample tested positive for copper, but as with the WR-2 sample, a water sample taken directly from the outfall viewed against the comparator yielded a result approximately the same as the sample processed through the CHEMetrics kit. SES staff, in conjunction with City of Stevens Point staff, investigated several upstream manholes to determine the source of the orange water coloring. Two manholes, on separate branches of the storm sewer system, contained residual matter in the bottom that was roughly the same color as the water at the outfall. City staff stated that previous televising of some city sewer systems had discovered bright orange stalactites hanging from the top of sewer pipes. They recounted that the conclusion at the time was that the formations were a result of area groundwater and soil chemistry, not anthropogenic activities. SES concluded that the visual staining in the manholes was potentially caused by similar conditions and not indicative of illicit discharge activity, despite the visually shocking appearance of the outfall water.
6. Outfall WR-9 is inaccessible due to recently installed fencing adjacent to the WWTP

Conclusions and Recommendations:

1. Either install a gate in the fence for WR-9, or move the sample location upstream to a manhole.
2. Use the protocol developed at WR-2 for future sites with colored water. Local soil chemistry, tannins and other organic matter can cause water samples to have a color that indicates a positive for copper, even if no copper is present. Compare the processed CHEMetrics test with the comparator, and also fill the 25 ml tube and view it against the comparator.
3. Consider televising the system above WR-5 to verify that the orange colored discharge is due to soil and/or groundwater chemistry.

Attachments: Field documents attached.