

MS4 Annual Report (Due by March 31, 2015)

Please use this template to assist in compiling information for the annual report. Use of this template is optional. Please refer to the permit language for the information minimally required to be submitted in the reporting year. If you have any questions, please contact Bryan Hartsook at (262) 574-2129 or by email at Bryan.Hartsook@wisconsin.gov. Please submit a signed copy of the annual report and any attachments to my attention at the Waukesha Service Center: 141 NW Barstow St., Rm 180, Waukesha, WI 53188

** ELECTRONIC SUBMITTALS ARE ACCEPTABLE **

Municipality: Milwaukee County		Reporting Year: 2014	
Name of Permit Group (if applicable): Menomonee River Watershed-Based MS4 Permit	WPDES Permit No. WI-S065404-1	Facility ID No. (FIN):	
Contact Information:			
Name: Tim Detzer		Title: Managaing Environmental Engineer	
Mailing Address: 633 W. Wisconsin Avenue	City: Milwaukee	State: WI	Postal Code 53203
E-mail Address: timothy.detzer@milwaukeecountywi.gov	Telephone No: 414-278-2988		
Section I. Summarize program activities implemented during the reporting year to maintain compliance with the six minimum control measures identified in the permit. Please include the management practice, individual or department responsible, measurable goals, and activities planned for next year. Amendments to the planned activities and/or changes to measurable goals should also be identified. <i>Add rows or attach additional sheets as needed</i>			
<p>A.1. PUBLIC INVOLVEMENT, EDUCATION, AND OUTREACH <i>(report individual efforts completed under Sections III and IV of the permit)</i></p> <p><u>BMP Description:</u></p> <p><u>Presentations</u></p> <p>January 16, 2014 "Rawson Avenue Lift Station" Mr. Hayes co-presented on a County project that involved the demolition and recreation of a stormwater lift station. The presentation was given to staff and guests of AECOM.</p> <p>May 1, 2014 "Regional Success Using Pervious Pavement" Presenter: Steve Keith, Milwaukee County Sustainability and Environmental Engineer Mr. Keith gave an overview of the regional uses of permeable pavement and its uses and limitations at the Clean Rivers Clean Lake Conference.</p> <p>May 9, 2014 "Milwaukee County Sport Complex Pervious Pavement" Presenter: Sean Hayes, Milwaukee County Environmental Engineer Mr. Hayes presented the Sport Complex Pervious Pavement project to the Association of Metropolitan Milwaukee Public Works Administrator and Engineers.</p> <p>October 23, 2014 "Native Landscaping for Stormwater Design." Presenter: Sean Hayes, Milwaukee County Environmental Engineer Mr. Hayes gave an overview of County projects using native landscaping and provided instruction on specifications and plans for the use inclusion of native landscaping into design plans in this course through the UW-Milwaukee Continuing Education Program.</p>			

October 23, 2014 "Next Generation of Permeable Pavement Conference"

Presenter: Steve Keith, Milwaukee County Sustainability and Environmental Engineer

Mr. Keith presented the role of municipal codes on green infrastructure with emphasis on pervious pavement and lessons learned from the Codes and Ordinance Project completed by 1000 Friends of Wisconsin, Birchline Planning and Milwaukee County.

Activities/Projects

Codes and Ordinance Review Project

Milwaukee County has partnered with 1000 Friends of Wisconsin and MMSD for the Municipal Codes & Ordinances Review Project. The project involves a review of municipal codes and ordinances and makes recommended revisions to the municipal codes that would remove barriers to the creation of or promote green infrastructure. In 2014, ten municipalities within the Menomonee River Watershed participated in the code review. In 2015, the remainder of the municipalities within Milwaukee Metropolitan Sewerage District's coverage area will participate. The project is funded by the Fund for Lake Michigan, the Milwaukee Metropolitan Sewerage District, and Wisconsin Coastal Management Program.

Menomonee River Public Education Committee

In 2014, Milwaukee County made a \$1,600.00 contribution to support a regional public education program spearheaded by the Menomonee River Group Public Education Committee. These funds were used to develop and implement a multi-media public education program, the Respect Our Waters campaign.

WLWCA Great Lakes Committee

The Wisconsin Land and Water Conservation Association recently created the Great Lakes Committee. This new committee will focus on non-point source pollution issues in counties whose surface waters drain to Lake Superior and Lake Michigan. Milwaukee County is a participating member in the association and Stevan Keith, Milwaukee County's Sustainability and Environmental Engineer is a member of the newly formed Great Lakes Committee.

South Shore Park Stormwater Planning

In 2014, planning for stormwater improvements at South Shore Park included three public input and outreach sessions and a Milwaukee County staffed booth at the South Shore Farmers Market to solicit input and engage the public on planned stormwater improvements for the park.

Responsible Dept./Person:

Department of Administrative Services, Facilities Management Division, Architecture, Engineering & Environmental Services Section.

Measurable Goal(s):

Please see above section BMP Description.

Progress Made Towards Achieving Goal(s):

Please see above section BMP Description.

Planned Activities for Next Reporting Year:

Milwaukee County intends to continue support the Respect Our Waters campaign, which has been extended through an Urban Nonpoint Source grant.

Program Modifications or Changes to Measurable Goal(s):

NA

Information here included for reference)

Education and outreach topics addressed in permit year (minimum of 3 topics listed under Part II.B.1 a. through k.)

Target audiences reached in permit year

Measurable goals established per topic

Status of achieving measurable goals

A.3. PROPOSED PUBLIC EDUCATION AND OUTREACH WORK PLAN

Topics to be addressed

Target audiences to be addressed

Evaluation of preceding permit year's measurable goals

Measurable goals proposed for each topic

A.4. STATUS OF PROGRAM SURVEY (Required under Part II.B.3.)

B. ILLICIT DISCHARGE DETECTION AND ELIMINATIONScreening Strategy (priority areas identified in plan?):

All Milwaukee County major outfalls were screened annually from 2007 to 2012 with no illicit discharges detected. Major outfalls were not screened in 2013 or 2014, but will be screened in 2015. In 2013, Milwaukee County screened 13 outfalls in the Menominee River Watershed identified as having high bacterial counts or human fecal markers. The screening was conducted by Clark Dietz, under contract with Milwaukee County, who determined that there were no illicit connections or discharges. These outfalls were not screened in 2014 as Milwaukee County was adopting the Menominee River Permit Group's newly developed IDDE protocol and the results were not determined until early 2015. Through the protocol the County identified 18 outfalls to be screened in 2015, which include eight major outfalls and ten which had received complaints and were screened in 2013. Please see J. Sudar e-mail from 3-3-15 in attachments.

Number of Outfalls Screened, Parameters Used, Detection Limits:

NA

Number of Illicit Discharges / Illegal Connections Detected (identify outfall ID numbers):

No illicit discharges were detected in 2014.

Number of Complaints Received and Summarize Result(s) of Follow-Up (include description of sewershed investigation):

Milwaukee County received no known complaints of illicit discharges in 2014.

Screening Strategy for Next Reporting Year (identify priority areas / basins and outfall ID's):

Milwaukee County will be screening 18 outfalls in 2015. Please see Screening Strategy, above, and J. Sudar e-mail from 3-3-15 in the attachments, which details use of the Menomonee River Permit Groups IDDE screening tool which enumerates an outfalls illicit discharge potential.

Storm Sewer Map Updated? (summarize changes identifying basins and outfall ID's):

An updated Milwaukee County storm sewer map was sent to Bryan Hartsook on February 2, 2015. Updates consisted largely of changes to the County storm sewer system due to the addition of Best Management Practices, changes to the system from construction and development-related projects, and corrections to the map due to drawing errors and field-verified changes to the system. An e-mail providing clarifications and additional information was provided at the Department's request on 3/25/15. The 3-25-15 e-mail from J. Sudar to B. Hartsook can be found in the attachments.

C. CONSTRUCTION SITE POLLUTANT CONTROLTarget Number of Inspections (measurable goal, can be represented as percentage of permits issued):

Milwaukee County does not issue construction site erosion control permits, but defers to municipalities within Milwaukee County to write and enforce ordinances. Milwaukee County conforms to local municipal erosion control ordinances on all applicable construction sites.

Number of Permit Applications Received / Number of Permits Issued:

NA

Individual(s) Responsible for Plan Review, Inspection, and Enforcement Procedures:

NA

Number of Inspections Completed:

NA

Number of Enforcement Actions and Description:

NA

Changes in Inspection and /or Enforcement Strategy and Protocol:

NA

D. POST-CONSTRUCTION STORM WATER MANAGEMENTNumber of Storm Water Management Plans Reviewed:

Milwaukee County reviews stormwater management plans for development on and connections to County stormwater structures within County Trunk Highways. These plans are also reviewed by the local municipality. There were five plans reviewed in 2014.

Approved or Scheduled Ordinance Updates:

None. Milwaukee County defers to local municipalities within the County to write and enforce post-construction storm water management ordinances.

Number of Redevelopment Sites Reviewed:

There were five redevelopment sites in 2014.

Are you Documenting TSS Reductions Achieved on Redeveloped Sites? (for later inclusion in MS4 pollutant loading analysis):

Milwaukee County will not be taking TSS reduction credit for private redevelopment along County Trunk Highways.

Inspection and/or Scheduled Maintenance of Facilities Where a Long-Term Maintenance Agreement was Recorded:

None.

E. POLLUTION PREVENTION

Estimate quantity of Street Sweepings and Catch Basin Cleanings Collected:

Milwaukee County has collected approximately 279 cubic yards of material through street sweeping and 10.5 cubic yards from catch basin cleaning. Please see attachments.

Summarize Findings of Municipal Yard Inspection(s), SWPPP Implemented and Up to Date?:

All Stormwater Pollution Prevention Plans are up to date with the exception of the Fleet Management Facility on Watertown Plank Road at Swan Boulevard. This site is currently undergoing reconstruction as part of the Zoo Interchange redesign. A new Storm Water Pollution Prevention Plan will need to be developed for this site. SWPPP site inspections forms are attached.

Updates to Yard Waste Collection:

Milwaukee County does not collect residential yard waste. Plant material from parks and County facilities is collected and reused. Woody materials are chipped for mulch and grass clippings and leaves are left in place except on golf courses where they are moved to a different location.

Winter Road Maintenance Program (description and estimate quantity of anti-icing or deicing materials used):

	State Hwy	County Hwy	Zoo	Facilities*	MCTS	
Salt	29889	4670	260	1299	500	tons
Liquid Calcium	39650	4900				gallons
Dry Calcium	62.25		0			tons
Sand	0					tons
Salt Brine	60120	5210				gallons

*Includes County facilities at County Grounds and Courthouse Complex

Planned Activities for Next Reporting Year:

In 2015 Milwaukee County is building a catch basin dewatering system to dewater material removed from catch basins prior to disposal at a licensed landfill. The intent is to lower the cost of landfilling the material and improve collection efficiency in able to clean more catch basins within existing budgets. The County's prior facility is no longer available due to the relocation of Swan Boulevard.

A Storm Water Pollution Prevention Plan for Milwaukee County's redesigned Fleet Management Facility will have to be developed.

Program Modifications or Changes:

See Planned Activities for Next Reporting Year

F. STORM WATER QUALITY MANAGEMENT

Have there been any changes in implementation, maintenance, mapping or modeling of storm water management practices in the past year? If yes, please complete the remainder of Section F.

Yes	No

Pollutant Loading Analysis:

Date of last model run:	2010	"No Controls" Load (tons/yr):	1,218,826.20	"With Controls" Load (tons/yr):	782,880.40
Model Version Used:	SLAMM 9.4.0	Average Unit Area Load (lbs/acre/yr):		TSS Reduction %	35.8

Storm Water Management Plan:

If TSS percent reduction is less than 20%, has a strategy been developed under a municipal-wide storm water management planning effort to achieve compliance?

Projected Timeframe to Achieve 20% TSS Reduction (if applicable):

BMPs Implemented in Reporting Year:

- Grant Park Beach parking lot rain gardens
- Permeable pavement on County Trunk Highway F
- Permeable pavers and permeable concrete and rain garden at Dineen Park
- Bioretention cells at Mitchell Park (Journey House Hudson Center Practice field)
- Cistern/bioretention at Mitchell Park Greenhouse
- Stormwater ponds at the Sheriff Department Training Academy
- Rawson Ave & Forest Home Ave permeable paver (8800 sq. ft)
- 35th & Layton permeable pavers (3675 sq. ft. in 3 sections)
- Behavioral Health Division permeable paver parking lot (8,000 sq. ft.)
- Pulaski Park rain garden/cistern
- Milwaukee County Zoo permeable in Parking Lot #1
- County-owned Menomonee River Parkway lagoon is under construction. This project is creating stormwater treatment wetland.
- The construction of a new water quality/quantity stormwater pond near 76th and Drexel

BMP Maintenance Activities in Reporting Year:

- the reconstruction of stormwater inlets at County Grounds Basin 10 with the addition of rip rap and geotextile fabrics to reduce erosion
- the removal of sediment in the sedimentation chamber at the MCTS Fleet Maintenance facility
- the removal of European alder and phragmites at the Greenfield Park stormwater pond
- the reconstruction of County Basin 3 to handle larger volumes of stormwater for DOT Zoo Interchange reconstruction
- semiannual inspections were conducted for 31 stormwater BMPs additions
- catch basin cleaning and street sweeping

F. WATERSHED-BASED PROJECT STATUSSelection of joint or individual project?

Milwaukee County is currently coordinating with three or four other municipalities within the Menomonee River Permit Group to engage in a group project.

Name of project

Menomonee River Parkway Reconstruction BMPs

Project description and timeframe for completion

The potential group project would involve the creation of one or more Best Management Practices for Milwaukee County's Menomonee River Parkway Reconstruction Project. The group project would fund one or more Best Management Practices that go beyond the County's fiscal and regulatory scope of the project. The project is currently in design phase and so the project has not yet been submitted to the Department for approval. A draft Memorandum of Understanding has been written between the potential participating municipalities. It is anticipated that the participants will obtain local approval and a proposal will be submitted to the Department in 2015.

Section II. Identify any known or perceived water quality improvements or degradation in the receiving water to which the MS4 system discharges. Where degradation is identified, identify why and what actions are being taken to improve the water quality of the receiving water.

Milwaukee County anticipates that projects carried out in within the permit period will have positive water quality impacts. See BMPs implemented in the program year above. There were no known instances of water quality degradation in 2014.

Section III. Fiscal Analysis

<i>Program Element</i>	<i>Annual Expenditure</i>	<i>2015 Budget</i>	<i>Source of Funds</i>
Public Involvement, Education and Outreach			
IDDE			
Construction Site Pollutant Control			
Post-Construction Storm Water Management			
Pollution Prevention			
Storm Water Quality Management			
Total	\$ 281,515.00	\$ 218,494.00	

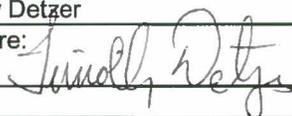
This fiscal analysis reflects the permit obligation costs associated with the Environmental Services Unit of Milwaukee County's Architecture, Engineering and Environmental Services Division, the group tasked with compliance of the MS4 permit. Additional costs of permit compliance not included in this analysis are located within other departmental and/or project budgets. For example each construction project completed by Milwaukee County would have a construction site pollution control component as part of the specific project budget. Also, stormwater related projects completed by other departments such as the installation of pervious pavement at the zoo are not in this analyses.

The Annual Expenditure column reflects actual costs for the Environmental Services Unit in 2014. Milwaukee County does not track the various components of the analyses (e.g. Education, Public Involvement, IDDE, etc.) in Milwaukee County's accounting system. The total sum of all categories is contained in the "Storm Water Quality Management" category.

Section IV. Certification Statement

I hereby certify that I am an authorized representative of the municipality covered under the MS4 permit for which this annual report is being

Authorized Representative Printed Name: Timothy Detzer Title: Managing Environmental Engineer

Authorized Representative Signature:  Date Signed: 3/31/15

DEPARTMENT OF ADMINISTRATIVE SERVICES



Milwaukee County

DATE: 3/3/2015

TO: Steve Keith, Environmental Services

FROM: Jack Sudar, Environmental Services

SUBJECT: Illicit Discharge Potential of Milwaukee County Outfalls in Menomonee River Watershed

All Milwaukee County owned outfalls in the Menomonee River watershed were analyzed for the illicit discharge potential (IDP) of human waste using the criteria that was developed by the Menomonee River Watershed Permittees. Using the suggested criteria there were 5 factors considered for each of the 302 Milwaukee County-owned outfalls in the Menomonee River watershed. These 5 factors were:

- Proximity of Sanitary and Stormwater Pipes
- Age of Development
- Parcels per Square Mile
- Material / Condition of Pipe (NAASCO ratings)
- Past Discharge Complaints / Flowing Outfalls During Dry Weather

The Proximity of Sanitary and Stormwater Pipes for each SEWRPC subbasin varied significantly between the 56 different subbasins that have Milwaukee County-owned outfalls in the Menomonee River watershed. Sanitary sewer maps from the cities of Greenfield, Milwaukee, Wauwatosa, and West Allis were obtained in order to account for all of the sanitary sewer crossings. Subbasins in the top 25th percentile received a rating of 3, subbasins in the 25th to 75th percentile received a rating of 2, and subbasins in the lowest 25th percentile received a rating of 1. Many of the subbasins with the highest rankings were heavily influenced by the trenching of sanitary and storm sewer pipes, primarily around Milwaukee County-owned highways.

The construction dates of the storm sewers for the Age of Development factor was able to be pinpointed within a range of a few years for each Milwaukee County property. Due to this, the criteria for storm sewer age was based on construction dates of the storm sewers. Areas known to be older

than 50 years were given a rating of a 3, areas that were primarily aged between 40 to 50 years were given a rating of a 2, and areas that were primarily newer than 40 years old were given a priority rating of a 1. This criteria slightly deviated from the suggested criteria for the age of storm sewers. The suggested criteria was based on a percentage of the sewers in an area that fell either above or below 50 years in age, rather than the known construction ages of the sewers.

The Parcels per Square Mile factor was rather straight forward, as the top 25th percentile received a rating of 3, the 25th to 75th percentile received a rating of 2, and the lowest 25th percentile received a rating of 1. The primary trend seemed to be that the subbasins with the most densely populated residential areas received the highest ranking of 3.

The Material and NASSCO ratings for Milwaukee County outfalls was unknown, so each outfall was given a rating of 2.

For the Past Discharge Complaints factor, there were 10 outfalls identified as having complaints of dry weather flow. These 10 outfalls received a ranking of a 3, while the remaining outfalls received a ranking of 2.

Attached is the spreadsheet that was used for the IDP review. Out of the 302 County owned outfalls in the Menomonee River Watershed there were 5 that received the highest score of 2.6, all of which had received past complaints. There were 77 outfalls that received the next highest score of 2.4. There were 5 additional outfalls which had received complaints, but did not receive the highest score. These five outfalls received scores of either 2.2 or 2.4. Out of the 11 "Major" outfalls that have been investigated in the past, 8 of them lie within the Menomonee River Watershed.

It is suggested that Milwaukee County further evaluate these 18 outfalls (8 Major outfalls, 5 outfalls that received complaints but did not score highly, and the 5 highest-rated outfalls using the IDP criteria) within the Menomonee River watershed using the criteria detailed in WPDES Permit No. WI-S050156-1.

Detzer, Tim

From: Sudar, Jack
Sent: Wednesday, March 25, 2015 9:23 AM
To: Bryan.Hartsook@wisconsin.gov
Cc: Detzer, Tim; Keith, Stevan
Subject: Milwaukee County Stormsewer Map Updates
Attachments: Stormwater_BMP.gdb.zip; Illicit Discharge Potential of Milwaukee County Owned Outfalls in Menomonee River Watershed Memo (1).pdf; Illicit Discharge Potential of Milwaukee County Owned Outfalls in the Menomonee River Watershed.xlsx; Municipal_Garages_And_Public_Works_Facilities.gdb.zip

Hello Bryan,

Below is some feedback to the questions you posed about our GIS mapping.

- 1) I noticed that the 'type' field in the structure table includes records for manholes, outfall discharges, municipal discharges, catchbasin inlets, municipal inlets, and other storm structures. What is the difference between the outfall discharge and municipal discharge type, and the catchbasin inlet and municipal inlet type? What is included in the "other storm structure" type?

Clarification for some of the "Types" in the GIS storm structure attribute table:

- **Catchbasin Inlet:** Milwaukee County owned catchbasin/inlet.
- **Outfall Discharge:** Milwaukee County owned outfall/discharge.
- **Municipal Inlet:** Municipal owned pipe discharging into a Milwaukee County owned pipe (Not Milwaukee County owned).
- **Municipal Discharge:** Milwaukee County owned pipe discharging to a Municipal owned pipe (County Outfall).
- **Other Storm Structures:** Other stormwater related structures including lift stations, oil/water separators, cleanouts, and observation wells.

- 2) There does not appear to be a unique identifier or naming system for the major outfalls, and more importantly as required under the permit: identification of priority outfalls for IDDE screening.

There are 11 storm structures identified as "Major Outfalls" under the "Type" column of the Storm Structure layer's attribute table. These outfalls have the OBJECTIDs:

- 69
- 8224
- 16258
- 16252
- 17205
- 17206
- 17207
- 17208
- 17224
- 17227
- 20004

There are an additional 10 outfalls that Milwaukee County will be evaluating this year due to the results of the IDDE analysis. These outfalls have the OBJECTIDs:

- 18266
- 18267
- 16214

- 18262
- 18169
- 16224
- 20038
- 16220
- 18301
- 18168

- 3) Is there a separate database that includes the county owned and maintained storm water BMPs? (i.e., ponds, infiltration basins, bioretention, pervious pavement areas, etc.).
 All stormwater piping, structures, and ditchlines that are associated with Milwaukee County stormwater BMPs were included in the geodatabase files that were sent to you. Since receiving your email, a Stormwater BMP layer has been created specifically identifying Milwaukee County stormwater BMPs. This layer has been attached to this email as a file geodatabase.
- 4) Is there a separate database that includes the locations of municipal garages and public works facilities?
 All municipal garages and public works facilities were included in a County Owned Properties layer. Since receiving your email, a Municipal Garages and Public Works Facilities layer has been created that specifically identifies all Milwaukee County municipal garages and public works facilities. This layer has been attached to this email as a file geodatabase.

This email also has attachments of a memo and the spreadsheet that was used for determining the illicit discharge potential of Milwaukee County owned outfalls in the Menomonee River watershed. I'm sorry for the delay in response to your email, as creating and compiling the new GIS layers took some time. Please let me know if WDNR would request any additional mapping or IDDE-related information.

Thank you,
 Jack Sudar



Jack Sudar, EIT | Environmental Engineer
 Milwaukee County Department of Administrative Services – Facilities Management
 633 W. Wisconsin Avenue, Suite 1003, Milwaukee, WI 53203
 Phone: (414) 278-4870 | Mobile: (414) 238-1251

From: Hartsook, Bryan D - DNR <Bryan.Hartsook@wisconsin.gov>
Sent: Monday, February 16, 2015 3:09 PM
To: Sudar, Jack
Subject: RE: Milwaukee County Stormsewer Map Updates

Thanks Jack. Sorry for the delay in responding to your email.

I took a look at the updated geodatabase and I would appreciate your feedback on a few items:

- 1) I noticed that the 'type' field in the structure table includes records for manholes, outfall discharges, municipal discharges, catchbasin inlets, municipal inlets, and other storm structures. What is the difference between the outfall discharge and municipal discharge type, and the catchbasin inlet and municipal inlet type? What is included in the "other storm structure" type?
- 2) There does not appear to be a unique identifier or naming system for the major outfalls, and more importantly as required under the permit: identification of priority outfalls for IDDE screening.
- 3) Is there a separate database that includes the county owned and maintained storm water BMPs? (i.e., ponds, infiltration basins, bioretention, pervious pavement areas, etc.).

4) Is there a separate database that includes the locations of municipal garages and public works facilities?

I understand that the file set was just an update to the system, but it would be preferred to have all of this information in one place if available. Here is the language from the storm water permit pertaining to the information that should be included in the MS4 map. I highlighted those items I see as being particularly important/useful. With the submittal being in GIS, I am not too worried about identification of the basemapping data such as stream names, street names, and county parks so long as ALL of this information is available on one map somewhere.

5) STORM SEWER SYSTEM MAP: Each municipality shall develop and maintain a municipal separate storm sewer system map. The municipal storm sewer system map shall include:

- a. Identification of waters of the state, watershed boundaries, name and classification of receiving waters, identification of whether the receiving water is listed as an impaired water under s. 303(d) of the Clean Water Act, stormwater drainage basin boundaries for each MS4 outfall and municipal separate storm sewer conveyance systems.
- b. Identification of all known municipal storm sewer system outfalls discharging to waters of the state or other municipal separate storm sewer systems. Major outfalls shall be categorized and priority outfalls for illicit discharge detection and elimination shall be identified.

- c. Location of any known discharge to the municipal separate storm sewer system that has been issued a WPDES permit by the Department. A list of WPDES permit holders in the permittee's area may be obtained from the Department.
- d. Location of municipally owned or operated structural storm water facilities including detention basins, infiltration basins, and manufactured treatment devices. If the permittee will be taking credit for pollutant removal from privately-owned facilities they must be identified.
- e. Identification of publicly owned parks, recreational areas and other open lands.
- f. Location of municipal garages and other public works facilities.
- g. Identification of streets.

Thanks,
Bryan

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Bryan Hartsook, P.E.

Water Resources Engineer – Water Division
Wisconsin Department of Natural Resources
Waukesha Service Center, 141 NW Barstow St., Rm 180
Waukesha, WI 53188
Phone: (262) 212-0263
bryan.hartsook@wisconsin.gov



From: Sudar, Jack [mailto:Jack.Sudar@milwaukeecountywi.gov]
Sent: Monday, February 02, 2015 3:25 PM
To: Hartsook, Bryan D - DNR
Subject: Milwaukee County Stormsewer Map Updates

Hello Bryan,

I have been asked to provide you with map updates to Milwaukee County's storm sewers, storm structures, and stormwater ditchlines as part of the requirements of WPDES Permit No. WI-S050156-1.

Attached to this email I have geodatabase file updates for all Milwaukee County stormwater sewers, stormwater structures, and stormwater ditchlines. Please let me know if this file format is satisfactory or if WDNR would request any other mapping information.

Thanks,
Jack

Jack S. Sudar, EIT
Environmental Engineer
Milwaukee County DAS-FM
633 West Wisconsin Avenue
Suite 1003, Post Office Box 48

Milwaukee, WI 53203
Office: 414-278-4870
Cell: 414-238-1251

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Milwaukee County BMP Inspections

Fall 2014 Storm Water Management Facility Inspections

	Inspection Type	Location Notes	Major Outfall?	Date Inspected	Date Sediment Depth Taken	OWNER	Contact	Serious Problems Reported to Owner?	Comments
South Shore Rain Garden	Rain Garden & Infiltration		No	X	X	Parks	Gene Andrzejak	X	NO LONGER INSPECTED
South Shore StormTreat	Sedimentation Chamber	South of boat launch	No	12/29/2014	3"	Parks	Gene Andrzejak		The trench drain and inlet pipe were completely filled with sediment.
Bradford Beach Outfalls	Rain Garden & Infiltration	East of Lincoln Memorial Dr	No	10/21/2014 and 10/31/2014	X	Parks	Gene Andrzejak		The spillways for outfalls 3, 4, 5, and 6 need to be restored. Trash in many of the basins. Invasives growing in outfalls 2 and 7
Bradford Beach Parking lot Bio R	Rain Garden & Infiltration	West of Lincoln Memorial Dr	No	10/21/2014	X	Parks	Gene Andrzejak		There was lots of trash and trampled plants in the rain garden
Bradford Beach Parking lot sed Chamber	Rain Garden & Infiltration	East of parking lot near Outfall 0	No	10/21/2014	X	Parks	Gene Andrzejak		Looked good with more not many floatables in the chamber
Bradford Beach Outfall 7 (Lake Park RGs)	Rain Garden & Infiltration	Three raingardens in Lake Park	No	10/21/2014 and 10/31/2014	X	Parks	Gene Andrzejak		RG2 had weeds growing, and may need more native plantings. Outfall 7 lost some of its shoreline due to the 10/31/14 storms
County Grounds Pond 1	Pond	Near Daycare	Yes	12/2/2014	X	Facilities	Tom Travia?		Small amounts of foamy water coming from inlet if bare soil around perimeter of pond.
County Grounds Basin 2 - Pond 1-3	Pond	Wisconsin Ave ponds	Yes	10/21/2014	X	Facilities	Tom Travia?		Construction debris was flowing into the pond, but inlet protection will be installed. Woody plants and phragmites need to be removed
County Grounds Pond 3	Pond	Near Underwood Parkway	Yes	12/2/2014	X	Facilities	Tom Travia?		The pond was in good condition and had more vegetation than it did this past summer
County Grounds Pond 10	Pond	Behind Children's Court	No	12/2/2014	X	Facilities / Non-County	Tom Travia? / Guy Muscani		Erosion problems on both the county owned and private owned sides. Construction on north end has added some inlets and mitigated some of the erosion problems.
Greenfield Park	Pond	South of golf course	No	12/3/2014	X	Parks	Gene Andrzejak		There were trees cut down near some phragmites that should be removed. There were also many foot long depressions on the shoreline possibly caused by animals
Menomonee Parkway	Pond	North of Burleigh near Meno River	No	10/8/2014	X	Parks	Gene Andrzejak		Work is currently being done to reconstruct the pond.
Brown Deer Park	Pond	North of the golf course	No	11/11/2014	X	Parks	Gene Andrzejak		The pond elevation was about 12" lower than this summer. Muskrat holes were around the pond.
McGovern Park	Pond	Middle of the park	No	11/24/2014	X	Parks	Gene Andrzejak		Lots of trash around pond, and outlet structure beginning to crack.
McGovern Park	Bio Retention	Northeast of the north parking lot	No	11/24/2014	X	Parks	Gene Andrzejak		Lots of trash in the garden, but mostly looking good.
McGovern Park	Sedimentation Chamber	North of the southeast parking lot	No	11/24/2014	21"	Parks	Gene Andrzejak		21" of sediment in the structure along with some floatables
51st St And Rawson Ave.	Pond		No	X	X	X	X	X	NON COUNTY MANAGED
Port Washington Road	Pond		No	X	X	X	X	X	NON COUNTY MANAGED
Washington Park	Pond	1859 N. 40th Street, Milwaukee	No	11/24/2014	X	Parks	Gene Andrzejak		Substantial trash within the pond. Conifers growing within 10 feet of the shoreline.
McKinley Raingarden	Rain Garden & Infiltration	Northeast corner of the parking lot	No	10/21/2014	X	Parks	Gene Andrzejak		There were weeds such as crown vetch growing within the basin.
McKinley Subsurface	Sedimentation Chamber	Northeast of lot near stone beach	No	10/21/2014	X	Parks	Gene Andrzejak		There was significant amount of trash and sediment in the chambers.
Zoo Pervious Pavement	Pervious Pavement	Various Locations	No	12/22/2014	X	Zoo	Karl Hackbarth		Most of the pervious pavement lots need to be streetswept/vacuumed and have joint material replaced.
Sports Complex Parking Lot	Pervious Pavement	6000 W Ryan Rd, Franklin	No	10/21/2014	X	Parks	Gene Andrzejak		Small amount of weeds growing on edge of pavement. Mostly in great shape.
College Ave	Pond (Dry Pond)	College ave south east of airport	No	12/16/2014	X	Highway	Greg Hiesel		Dry pond in great condition
College Ave @ Loomis	Pond	College and Loomis	No	X	X	Highway	Greg Hiesel		Work is currently underway to reconstruct the pond.
HOC Sheriff Training	Pond	South of the inmate housing	No	12/16/2014	X	HOC	Shawn Sullivan		Many animal holes on the shoreline, and heavy vegetation near the outlet structure of the east pond.
County Rd F (107th)	Pervious Pavement	Shoulder of the Road	No	12/5/2014	X	Highway	Greg Hiesel		Minor amount of sediment beginning to build up. Suspected hydrocarbon substance in the ditchline was reported to DNR
Mitchell Park Domes	Bioretention	Packers field	No	12/10/2014	X	Parks	Gene Andrzejak		In good condition
Mitchell Park Domes	Bioretention	North East Parking Lot	No	12/10/2014	X	Parks	Gene Andrzejak		There is sediment built up on the western side of the raingarden from the parking lot runoff.
Mitchell Park Domes	Cistern	At Green House	No	12/10/2014	X	Parks	Gene Andrzejak		In good condition
78th St and Drexel SW Pond	Pond	West Axis	No	10/8/2014	X	Highway	Greg Hiesel		The pond was in good condition with grass beginning to grow and water elevation up to the outlet structures
Doctors Park Sed Sump	Sedimentation Chamber	Fox Point	Yes	11/11/2014	16"	Parks	Gene Andrzejak		16" of sediment in the chamber and floatables
Dineen Park Pervious Pavement	Pervious Pavement	Milwaukee	No	12/3/2014	X	Parks	Gene Andrzejak		Golf course pervious pavement needs to be power washed, street swept, vacuumed, and have joint material replaced.
Dineen Park Rain Garden	Rain Garden & Infiltration	Milwaukee	No	12/3/2014	X	Parks	Gene Andrzejak		Trees and weeds should be removed

Milwaukee County BMP Inspections

Summer 2014 Storm Water Management Facility Inspections

	Inspection Type	Location Notes	Major Outfall?	Date Inspected	Date Sediment Depth Taken	OWNER	Contact	Serious Problems Reported to Owner?	Comments
South Shore Rain Garden	Rain Garden & Infiltration		No	X	X	Parks	Gene Andrzejak	X	NO LONGER INSPECTED
South Shore StormTreat	Sedimentation Chamber	South of boat launch	No	8/7/2014	3"	Parks	Gene Andrzejak	Yes	The trench drain leading to the sedimentation chamber was filled with sediment at its closest point to the chamber
Bradford Beach Outfalls	Rain Garden & Infiltration	East of Lincoln Memorial Dr	No	7/29/2014	X	Parks	Gene Andrzejak		Mostly in good shape though rain gardens 2 and 3 had bare spots in the bottom of the basins.
Bradford Beach Parking lot Bio R	Rain Garden & Infiltration	West of Lincoln Memorial Dr	No	7/29/2014	X	Parks	Gene Andrzejak	Yes	Mostly in good shape though there was some weeds, trash, and man-made trails in the raingarden.
Bradford Beach Parking lot sed Chamber	Rain Garden & Infiltration	East of parking lot near Outfall 0	No	7/29/2014	17"	Parks	Gene Andrzejak	Yes	There were not many floatables, but there was 17" of sediment that should be pumped out.
Bradford Beach Outfall 7 (Lake Park RGS)	Rain Garden & Infiltration	Three raingardens in Lake Park	No	7/29/2014	X	Parks	Gene Andrzejak	Yes	The outfalls at the end of the ditchways had lots of sediment and debris around them, but the rain gardens looked good.
County Grounds Pond 1	Pond	Near Daycare	Yes	7/23/2014	X	Facilities	Tom Travis?	Yes	There was some foam coming out of an inlet. A sample taken showed a 5 mg/l concentration of detergents.
County Grounds Basin 2 - Pond 1-3	Pond	Wisconsin Ave ponds	Yes	7/23/2014	X	Facilities	Tom Travis?	Yes	There are some minor problems related to construction. These issues should be reevaluated after completion.
County Grounds Pond 3	Pond	Near Underwood Parkway	Yes	7/23/2014	X	Facilities	Tom Travis?	No	Due to recent reconstruction of this pond there are many bare spots near the shoreline.
County Grounds Pond 10	Pond	Behind Children's Court	No	7/7/2014	X	Facilities / Non-County	Tom Travis? / Guy Muscari	Yes	Erosion problems on both the county owned and private owned sides. Construction on north end will change some inlets.
Greenfield Park	Pond	South of golf course	No	8/6/2014	X	Parks	Gene Andrzejak	Yes	There were hundreds of geese and lots of algae at this pond.
Menomonee Parkway	Pond	North of Burleigh near Meno. River	No	X	X	Parks	Gene Andrzejak	No	Work is currently being done to reconstruct the pond.
Brown Deer Park	Pond	North of the golf course	No	7/10/2014	X	Parks	Gene Andrzejak	No	Muskat holes all along shoreline and cracked pavement near pavilion shoreline.
McGovern Park	Pond	Middle of the park	No	7/16/2014	X	Parks	Gene Andrzejak	Yes	There is trash all around this park. The outfall is beginning to crack and flow is coming in from below the structure
McGovern Park	Bio Retention	Northeast of the north parking lot	No	7/16/2014	X	Parks	Gene Andrzejak	No	There was some trash around the garden
McGovern Park	Sedimentation Chamber	North of the southeast parking lot	No	7/16/2014	20"	Parks	Gene Andrzejak	Yes	The sedimentation chamber had 20" of sediment and needs to be pumped out.
51st St. And Rawson Ave.	Pond		No	X	X	X	X	X	NON COUNTY MANAGED
Port Washington Road	Pond		No	X	X	X	X	X	NON COUNTY MANAGED
Washington Park	Pond	1859 N. 40th Street, Milwaukee	No	7/10/2014	X	Parks	Gene Andrzejak	No	Small amounts of trash around pond and erosion on the lagoon west of pond.
McKinley Raingarden	Rain Garden & Infiltration	Northeast corner of the parking lot	No	7/1/2014	X	Parks	Gene Andrzejak	Yes	Small amounts of weeds and trash on site. A few volunteer trees have taken root.
McKinley Subsurface	Sedimentation Chamber	Northeast of lot near stone beach	No	7/1/2014	X	Parks	Gene Andrzejak	Yes	Floating trash in the sedimentation structure and trash beginning to fill in outlet structure.
Zoo Pervious Pavement	Pervious Pavement	Various Locations	No	8/1/2014	X	Zoo	Karl Hackbarth	Yes	Most of the pervious pavement lots need to be streetswept/vacuumed and have joint material replaced.
Sports Complex Parking Lot	Pervious Pavement	6000 W Ryan Rd. Franklin	No	7/1/2014	X	Parks	Gene Andrzejak	Yes	Weeds growing along edge of the pavement and small amount of loose gravel on the lot.
College Ave	Pond (Dry Pond)	College ave south east of airport	No	7/16/2014	X	Highway	Greg Hiesel	No	The pond is in great condition.
College Ave @ Loomis	Pond	College and Loomis	No	7/16/2014	X	Highway	Greg Hiesel	No	There are erosion and weed problems throughout the pond. Tim Detzer is working on a restoration project for this pond.
HOC Sheriff Training	Pond	South of the inmate housing	No	8/7/2014	X	HOC	Shawn Sullivan	Yes	There was a sink hole at one of the catch basins in the parking lot.
County Rd F (107th)	Pervious Pavement	Shoulder of the Road	No	8/1/2014	X	Highway	Greg Hiesel	Yes	Minor amount of sediment beginning to build. This pervious pavement should be street swept.
Mitchell Park Domes	Bioretention	Packers field	No	8/1/2014	X	Parks	Gene Andrzejak	No	In good shape.
Mitchell Park Domes	Bioretention	North East Parking Lot	No	8/1/2014	X	Parks	Gene Andrzejak	Yes	The northeast parking lot rain garden is having erosion problems from parking lot runoff.
Mitchell Park Domes	Cistern	At Green House	No	8/1/2014	X	Parks	Gene Andrzejak	No	Looks good
76th St and Drexel SW Pond	Pond	West Allis	No	7/30/2014	X	Highway	Greg Hiesel	No	To be constructed in 2014.
Doctors Park Sed Sump	Sedimentation Chamber	Fox Point	Yes	7/10/2014	X	Parks	Gene Andrzejak	Yes	Some floating trash and oil in the sedimentation structure.
Dineen Park Pervious Pavement	Pervious Pavement	Milwaukee	No	8/27/2014	X	Parks	Gene Andrzejak	Yes	Golf course pervious pavement needs to be power washed, street swept, vacuumed, and have joint material replaced.
Dineen Park Rain Garden	Rain Garden & Infiltration	Milwaukee	No	8/28/2014	X	Parks	Gene Andrzejak	Yes	Volunteer trees and weeds need to be removed.

Attachment
Street Sweeping and Catch Basin Cleaning

County Highway	Sweeping Frequency*	Collected (Cubic yards)	CBs Cleaned	Collected (Cubic yards)
Silver Spring Dr	8	27		
Hampton Ave	3	15		
Beloit Road	3	12		
S. 92nd St	1	3		
Oklahoma Ave	2	9		
Layton Ave	2	18	3	1
S. 76 St	4	21	2	1
Rawson Ave	1	6		
Mill Road	10	not reported		
Good Hope Rd	10	not reported		
Teutonia Ave	6	not reported		
43rd St	5	not reported		
Port Washington Rd	6	not reported		
107th St	3	not reported		
College Ave	6	9	4	1
Layton Ave	7	5	3	1
Rawson Ave	5	8	2	1
South 13th	3	6		
Lakefront**	1	35		
Zoo**	138	104.5	6	1.5
Zoo SW Outlet Structure			1	4
Parks Roadways	56.59 miles	not recorded	not recorded	not recorded
Total		278.5		10.5

Milwaukee County
Semi-annual Non-Storm Water Discharge Evaluation

Site: Simmerman Airport
 Inspection Date: 9-24-14
 Inspection Personnel: Dalyer / Suden

Visual inspections of the storm inlets and outfalls for non-stormwater discharges must be made during dry weather. For each outfall, the procedure is as follows:

- Check outfalls for flow.
- If there is flow, describe the flow (color, odor, sheen, rate, etc.)
- If there is flow, go upstream and check storm inlets.
- Document observations below.

	Flow observed		Description of flow and/or comments
	Yes	No	
Outfall 1	X		flow coming from field drains by runway.
Outfall 2			
Outfall 3			
Outfall 4			

*Report any issues to Manager or County Environmental Engineer.
 Submit completed inspection documentation to Manager and County Environmental Engineer.*

This form is for your own use and should be kept as part of your Storm Water Pollution Prevention Plan. It **does not** have to be submitted to the Department unless requested. If false information from quarterly visual inspections is reported to the Department, you could be subject to penalties up to \$10,000 pursuant to s. 283.91(4), Wis. Stats.

Use one form per outfall.

Quarterly Visual Inspections at each storm water discharge outfall on your site can be a valuable assessment tool and are required by the Tier 1 and Tier 2 Industrial Storm Water General Permits. This inspection should be performed when sufficient runoff occurs during daylight hours. Try to make observations within the first 30 minutes after runoff begins discharging from the outfall, or as soon as practical, but no later than 60 minutes. If you find visible pollution, note the probable source and list any possible Best Management Practices that could be used to reduce or eliminate the problem.

Make any necessary changes to your Storm Water Pollution Prevention Plan as needed.

Facility Name <i>Timmerman Airport</i>				
Street Address <i>1305 W. Appleton Ave</i>		City <i>Milwaukee</i>	State <i>WI</i>	ZIP Code <i>53225</i>
Name of Person Conducting Inspection <i>T. Detzer</i>			Inspection Date <i>3-10-14</i>	
Employer <i>Milwaukee County</i>			Telephone Number <i>414-278-2988</i>	
Outfall Number (make reference to site map) <i>1</i>	Description of Outfall (e.g., ditch, concrete pipe, grassed swale, etc.) <i>concrete pipe</i>			
Time of Rainfall Event	Time of Visual Inspection <i>2:00 pm</i>	Optional: Amount of Rainfall at the Time of Observation (nearest tenth of an inch)		

Describe your observations. An easy way to conduct this inspection is to use a glass jar to collect a sample of the storm water being discharged from the facility and visually inspect the water. Include any observations of color, odor, turbidity, floating solids, foam, oil sheen or any other visual indicators of storm water pollution and the probable sources of any observed storm water contamination.

Color:	<input type="checkbox"/> Clear	<input type="checkbox"/> Red	<input checked="" type="checkbox"/> Yellow	<input type="checkbox"/> Brown	<input type="checkbox"/> Other:
Odor:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Rotten Egg	<input type="checkbox"/> Other:
Clarity:	<input type="checkbox"/> Clear	<input checked="" type="checkbox"/> Cloudy	<input type="checkbox"/> Opaque	<input type="checkbox"/> Suspended Solids	<input type="checkbox"/> Other:
Floatables:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Foam	<input type="checkbox"/> Garbage	<input type="checkbox"/> Oily Film	<input type="checkbox"/> Other:
Deposits / Stains:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Oily	<input type="checkbox"/> Sludge	<input type="checkbox"/> Sediments	<input type="checkbox"/> Other:

Comments:

pollution or color and lack of clarity from in runoff from snow melt (snow is dirty) and from soil made available from grading and

This outfall could not be evaluated during this quarter due to the following reason:

This form is for your own use and should be kept as part of your Storm Water Pollution Prevention Plan. It does not have to be submitted to the Department unless requested. If false information from quarterly visual inspections is reported to the Department, you could be subject to penalties up to \$10,000 pursuant to s. 283.91(4), Wis. Stats.

Use one form per outfall.

Quarterly Visual Inspections at each storm water discharge outfall on your site can be a valuable assessment tool and are required by the Tier 1 and Tier 2 Industrial Storm Water General Permits. This inspection should be performed when sufficient runoff occurs during daylight hours. Try to make observations within the first 30 minutes after runoff begins discharging from the outfall, or as soon as practical, but no later than 60 minutes. If you find visible pollution, note the probable source and list any possible Best Management Practices that could be used to reduce or eliminate the problem.

Make any necessary changes to your Storm Water Pollution Prevention Plan as needed.

Facility Name <i>Timmerman Drivoid</i>			
Street Address <i>9305 W. Appleton Ave</i>		City <i>Milwaukee</i>	State <i>WI</i>
		ZIP Code <i>53225</i>	
Name of Person Conducting Inspection <i>Jim Doty</i>		Inspection Date <i>10-14-14</i>	
Employer <i>Milwaukee County</i>		Telephone Number <i>414 278-2988</i>	
Outfall Number (make reference to site map) <i>1</i>	Description of Outfall (e.g., ditch, concrete pipe, grassed swale, etc.) <i>concrete pipe</i>		
Time of Rainfall Event <i>~10AM</i>	Time of Visual Inspection <i>11:24</i>	Optional: Amount of Rainfall at the Time of Observation (nearest tenth of an inch)	

Describe your observations. An easy way to conduct this inspection is to use a glass jar to collect a sample of the storm water being discharged from the facility and visually inspect the water. Include any observations of color, odor, turbidity, floating solids, foam, oil sheen or any other visual indicators of storm water pollution and the probable sources of any observed storm water contamination.

Color:	<input checked="" type="checkbox"/> Clear	<input type="checkbox"/> Red	<input type="checkbox"/> Yellow	<input type="checkbox"/> Brown	<input type="checkbox"/> Other:
Odor:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Rotten Egg	<input type="checkbox"/> Other:
Clarity:	<input checked="" type="checkbox"/> Clear	<input type="checkbox"/> Cloudy	<input type="checkbox"/> Opaque	<input type="checkbox"/> Suspended Solids	<input type="checkbox"/> Other:
Floating:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Foam	<input type="checkbox"/> Garbage	<input type="checkbox"/> Oily Film	<input type="checkbox"/> Other:
Deposits / Stains:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Oily	<input type="checkbox"/> Sludge	<input type="checkbox"/> Sediments	<input type="checkbox"/> Other:

Comments:

looks good.

This outfall could not be evaluated during this quarter due to the following reason:

Annual Facility Site Compliance Inspection Report (AFSCI)

For Storm Water Discharge Associated With Industrial Activity Under
Wisconsin Pollutant Discharge Elimination System (WPDES) Permit

Form 3400-176 (R 6/05)

Page 1 of 4

Notice: This form is authorized by s. NR 216.29(2), Wis. Adm. Code. Submittal of a completed form to the Department is mandatory for industrial facilities covered under a tier 1 storm water general permit. Facilities covered under a tier 1 permit are not required to submit AFSCI reports after submittal of the second AFSCI report, unless so directed by the department. However, these inspections and quarterly visual inspections shall still be conducted and results shall be kept on site for department inspection. Facilities covered under a tier 2 storm water general, industry-specific general or individual permit shall keep the results of their AFSCI and quarterly visual inspections on site for department inspection. Failure to comply with these regulations may result in fines up to \$25,000 per day pursuant to s. 283.91, Wis. Stats. Personally identifiable information on this form may be used for other water quality program purposes.

Facility Information

Facility Name

Timmerman Airport

Street Address

9305 W. Appleton Ave

City

Milwaukee

State

WI

ZIP Code

53225

County

Milwaukee

Facility Contact Person

Greg Failey

Signature

This form must be signed by an official representative of the permitted facility, in accordance with s. 216.29(8), Wis. Adm. Code.

IF THIS FORM IS NOT SIGNED, OR IS FOUND TO BE INCOMPLETE, IT WILL BE RETURNED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Authorized Representative

Timothy Detzer

Date Signed

8/12/14

Type or Print Name

Timothy Detzer

Position Title

Managing Environmental Engineer

Company Name

Milwaukee County

Telephone Number

414-278-2988

Mailing Address

2711 W. Wells St. #213

City

Milwaukee

State

WI

ZIP Code

53208

The first level of storm water monitoring consists of a comprehensive annual facility site compliance inspection (AFSCI) to determine if your facility is operating in compliance with your Storm Water Pollution Prevention Plan (SWPPP). You should use the results of this inspection to determine the extent to which your SWPPP needs to be updated to prevent pollution from new source areas, as well as to correct any inadequacies that the plan may have in handling existing source areas. This first level of monitoring is addressed in Section III of this Annual Report.

The second level of storm water monitoring consists of quarterly visual observations of storm water leaving the site during runoff events caused by snow-melt or rainfall. This is a practical, low cost tool for identifying obvious contamination of storm water discharges, and can also help identify which practices are ineffective. The goal of quarterly inspections is to obtain results from a set of four inspections that are distributed as evenly as possible throughout the year and which depict runoff quality during each of the four seasons. This second level of monitoring is addressed in Section IV of this Annual Report.

DNR Use Only

FIN

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Annual Facility Site Compliance Inspection Report (AFSCI)

Form 3400-176 (R 6/05)

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Annual Facility Site Compliance Inspection

The Annual Facility Site Compliance Inspection shall be adequate to verify that: your Storm Water Pollution Prevention Plan (SWPPP) remains current, potential pollution sources at your facility are identified, the facility site map and drainage map remain accurate, and Best Management Practices prescribed in your SWPPP are being implemented, properly operated, and adequately maintained.

Name of Person Conducting Inspection <i>Tim Detzer & Jack Sudar</i>	Inspection Date <i>8-12-14</i>
Employer <i>Milwaukee County</i>	Telephone Number <i>414-278-2988</i>

Your inspection should start with a review of your written SWPPP kept at your facility. The SWPPP should be amended if, through these inspections, you find that the provisions in your SWPPP are ineffective in controlling contaminated storm water from being discharged from your facility.

Has your SWPPP been updated to include current Non-Storm Water Discharge Evaluation results? <i>see comment 1</i>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Has your SWPPP been amended for any new construction that would effect the site map or drainage conditions at the facility?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Has your SWPPP been amended for any changes in facility operations that could be identified as new source areas for contamination of storm water?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Are there any materials at the facility that are handled, stored, or disposed in a manner to allow exposure to storm water that are not currently addressed in your SWPPP? <i>see comment 1</i>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Are there any maintenance or material handling activities conducted outdoors that have not been addressed in your SWPPP? <i>see comment 1</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Are outside areas kept in a neat and orderly condition?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Are regular housekeeping inspections made?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Do you see spots, pools, puddles, or other traces of oils, grease, or other chemicals on the ground?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Are particulates on the ground from industrial operations or processes being controlled?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Do you see leaking equipment, pipes or containers?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Do drips, spills, or leaks occur when materials are being transferred from one source to another?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Are drips or leaks from equipment or machinery being controlled?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Are cleanup procedures used for spilled solids?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Are absorbent materials (floor dry, kitty litter, etc.) regularly used in certain areas to absorb spills?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Can you find discoloration, residue, or corrosion on the roof or around vents or pipes that ventilate or drain work areas?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Are Best Management Practices implemented to reduce or eliminate contamination of storm water from source areas at the facility?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Are Best Management Practices adequately maintained?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Are there significant changes that will have to be made to your SWPPP to correct any inadequacies that the plan may have to effectively control a discharge of contaminated storm water from your facility? <i>see comment 2</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A

Comments:

1. *Cannot locate SWPPP*
2. *Facility is kept neat and clean and has limited stormwater exposure. SWPPP should be found, and if it cannot be located another should be created. As is, the facility needs no corrective measures taken in for stormwater.*

Annual Facility Site Compliance Inspection Report (AFSCI)

Form 3400-176 (R 6/05)

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Mailing

Unless otherwise directed, mail this completed form to the DNR office listed by county as follows:

Northern Region Counties

Ashland	Lincoln	DNR Service Center
Barron	Oneida	1401 Tower Avenue
Bayfield	Polk	Superior, WI 54880
Burnett	Price	
Douglas	Rusk	Phone: (715) 392-7988
Florence	Sawyer	
Forest	Taylor	
Iron	Vilas	
Langlade	Washburn	

South Central Region Counties

Columbia	Jefferson	DNR South Central Region
Dane	LaFayette	3911 Fish Hatchery Road
Dodge	Richland	Fitchburg, WI 53711
Grant	Rock	
Green	Sauk	Phone: (608) 275-3266
Iowa		

Northeast Region Counties

Brown	Marquette	DNR Northeast Region
Calumet	Menomonee	PO Box 10448
Door	Oconto	Green Bay, WI 54307
Fond du Lac	Outagamie	
Green Lake	Shawano	Phone: (920) 662-5100
Kewaunee	Waupaca	
Manitowoc	Waushara	
Marinette	Winnebago	

Southeast Region Counties

Kenosha	Sheboygan	DNR Southeast Region
Milwaukee	Walworth	Stormwater Program
Ozaukee	Washington	2300 N Dr Martin Luther King Jr Dr
Racine	Waukesha	Milwaukee, WI 53212
		Phone: (414) 263-8500

West Central Region Counties

Adams	Marathon	DNR Service Center
Buffalo	Monroe	5301 Rib Mountain Road
Chippewa	Pepin	Wausau, WI 54401
Clark	Pierce	
Crawford	Portage	Phone: (715) 359-4522
Dunn	St. Croix	
Eau Claire	Trempealeau	
Jackson	Vernon	
Juneau	Wood	
La Crosse		

Milwaukee County Semi-annual Non-Storm Water Discharge Evaluation

Site: _____

Inspection Date: _____

Inspection Personnel: _____

Visual inspections of the storm inlets and outfalls for non-stormwater discharges must be made during dry weather. For each outfall, the procedure is as follows:

- Check outfalls for flow.

- If there is flow, describe the flow (color, odor, sheen, rate, etc.)

- If there is flow, go upstream and check storm inlets.

- Document observations below.

	Flow observed		Description of flow and/or comments
	Yes	No	
Outfall 1			
Outfall 2			
Outfall 3			
Outfall 4			

Report any issues to Manager or County Environmental Engineer.

Submit completed inspection documentation to Manager and County Environmental Engineer.

Annual Facility Site Compliance Inspection Report (AFSCI)

For Storm Water Discharge Associated With Industrial Activity Under
 Wisconsin Pollutant Discharge Elimination System (WPDES) Permit

Form 3400-176 (R 6/05)

Page 1 of 4

Notice: This form is authorized by s. NR 216.29(2), Wis. Adm. Code. Submittal of a completed form to the Department is mandatory for industrial facilities covered under a tier 1 storm water general permit. Facilities covered under a tier 1 permit are not required to submit AFSCI reports after submittal of the second AFSCI report, unless so directed by the department. However, these inspections and quarterly visual inspections shall still be conducted and results shall be kept on site for department inspection. Facilities covered under a tier 2 storm water general, industry-specific general or individual permit shall keep the results of their AFSCI and quarterly visual inspections on site for department inspection. Failure to comply with these regulations may result in fines up to \$25,000 per day pursuant to s. 283.91, Wis. Stats. Personally identifiable information on this form may be used for other water quality program purposes.

Facility Information

Facility Name <i>Fleet Management - Main Shop</i>			
Street Address <i>10340 W. Watertown Plank Rd.</i>		City <i>Wauwatosa</i>	State <i>Wi</i>
County <i>Milwaukee</i>		ZIP Code <i>53226</i>	
Facility Contact Person <i>Dan Goeden</i>			

Signature

This form must be signed by an official representative of the permitted facility, in accordance with s. 216.29(8), Wis. Adm. Code.

IF THIS FORM IS NOT SIGNED, OR IS FOUND TO BE INCOMPLETE, IT WILL BE RETURNED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Authorized Representative <i>Timothy Detzer</i>		Date Signed <i>8/14/14</i>
Type or Print Name <i>Timothy Detzer</i>	Position Title <i>Managing Environmental Engineer</i>	
Company Name <i>Milwaukee County</i>	Telephone Number <i>414/278/2988</i>	
Mailing Address <i>2711 W. Wells Street # 213</i>	City <i>Milwaukee</i>	State <i>Wi</i>
		ZIP Code <i>53209</i>

The first level of storm water monitoring consists of a comprehensive annual facility site compliance inspection (AFSCI) to determine if your facility is operating in compliance with your Storm Water Pollution Prevention Plan (SWPPP). You should use the results of this inspection to determine the extent to which your SWPPP needs to be updated to prevent pollution from new source areas, as well as to correct any inadequacies that the plan may have in handling existing source areas. This first level of monitoring is addressed in Section III of this Annual Report.

The second level of storm water monitoring consists of quarterly visual observations of storm water leaving the site during runoff events caused by snow-melt or rainfall. This is a practical, low cost tool for identifying obvious contamination of storm water discharges, and can also help identify which practices are ineffective. The goal of quarterly inspections is to obtain results from a set of four inspections that are distributed as evenly as possible throughout the year and which depict runoff quality during each of the four seasons. This second level of monitoring is addressed in Section IV of this Annual Report.

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Annual Facility Site Compliance Inspection Report (AFSCI)

Form 3400-176 (R 6/05)

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Annual Facility Site Compliance Inspection

The Annual Facility Site Compliance Inspection shall be adequate to verify that; your Storm Water Pollution Prevention Plan (SWPPP) remains current, potential pollution sources at your facility are identified, the facility site map and drainage map remain accurate, and Best Management Practices prescribed in your SWPPP are being implemented, properly operated, and adequately maintained.

Name of Person Conducting Inspection <i>Jim Detyer / Jack Sudar</i>	Inspection Date <i>8-14-14</i>
Employer <i>Milwaukee County</i>	Telephone Number <i>414/278/2988</i>

Your inspection should start with a review of your written SWPPP kept at your facility. The SWPPP should be amended if, through these inspections, you find that the provisions in your SWPPP are ineffective in controlling contaminated storm water from being discharged from your facility.

Has your SWPPP been updated to include current Non-Storm Water Discharge Evaluation results?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Has your SWPPP been amended for any new construction that would effect the site map or drainage conditions at the facility? <i>see comments</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Has your SWPPP been amended for any changes in facility operations that could be identified as new source areas for contamination of storm water? <i>see comments</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Are there any materials at the facility that are handled, stored, or disposed in a manner to allow exposure to storm water that are not currently addressed in your SWPPP? <i>see comments</i>	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Are there any maintenance or material handling activities conducted outdoors that have not been addressed in your SWPPP? <i>see comments</i>	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Are outside areas kept in a neat and orderly condition?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Are regular housekeeping inspections made?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Do you see spots, pools, puddles, or other traces of oils, grease, or other chemicals on the ground?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Are particulates on the ground from industrial operations or processes being controlled? <i>see comments</i>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Do you see leaking equipment, pipes or containers?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Do drips, spills, or leaks occur when materials are being transferred from one source to another?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Are drips or leaks from equipment or machinery being controlled?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Are cleanup procedures used for spilled solids?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Are absorbent materials (floor dry, kitty litter, etc.) regularly used in certain areas to absorb spills?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Can you find discoloration, residue, or corrosion on the roof or around vents or pipes that ventilate or drain work areas?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Are Best Management Practices implemented to reduce or eliminate contamination of storm water from source areas at the facility?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Are Best Management Practices adequately maintained? <i>see comments</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Are there significant changes that will have to be made to your SWPPP to correct any inadequacies that the plan may have to effectively control a discharge of contaminated storm water from your facility? <i>see comments.</i>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

Comments:

*1. Once facility has been reconstructed a new SWPPP will need to be written
- See separate page.*

Comments for Fleet Management –Main Shop SWPPP Inspection.

1. The outside wash pit on the west side of the building should be opened up or “uncapped” and cleaned out. We have a general permit for vehicle washing that is predicated on the fact that solids will be removed through the use of this basin. Currently it appears to still be plugged. If it has been unplugged then the solids should be removed as water is flowing over the top of it rather than through it and the solids are not allowed to settle out.
2. In the new (possibly temporary) storage areas to the north of the building there is cold patch in a bin located over a storm inlet. It would be best to move the asphalt to a bin away from the catch basin, clean the asphalt out of the catchbasin, and put inlet protection on the inlet (for the sand in the next bin). See the photo 2.
3. There are a few inlet/catchbasins that need inlet protection/filter fabric due to construction and/or erosion. See photo 1 & 3 and map.

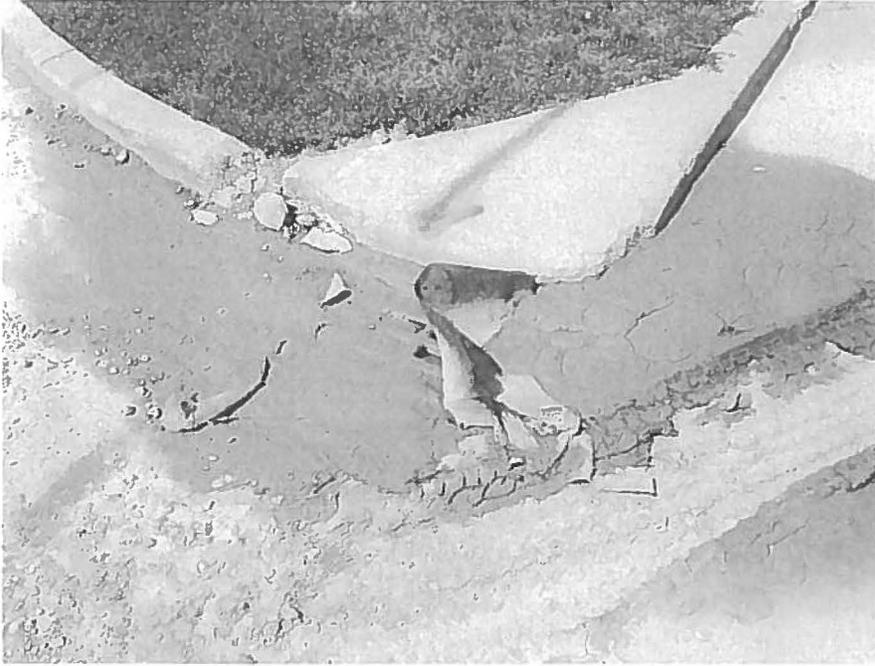


Photo 1



Photo 2

CB



Photo 3

This form is for your own use and should be kept as part of your Storm Water Pollution Prevention Plan. It does not have to be submitted to the Department unless requested. If false information from quarterly visual inspections is reported to the Department, you could be subject to penalties up to \$10,000 pursuant to s. 283.91(4), Wis. Stats.

Use one form per outfall.

Quarterly Visual Inspections at each storm water discharge outfall on your site can be a valuable assessment tool and are required by the Tier 1 and Tier 2 Industrial Storm Water General Permits. This inspection should be performed when sufficient runoff occurs during daylight hours. Try to make observations within the first 30 minutes after runoff begins discharging from the outfall, or as soon as practical, but no later than 60 minutes. If you find visible pollution, note the probable source and list any possible Best Management Practices that could be used to reduce or eliminate the problem.

Make any necessary changes to your Storm Water Pollution Prevention Plan as needed.

Facility Name <i>Fleet - Main shop</i>			
Street Address <i>10340 W. Watertown Plank Road</i>		City <i>Milwaukee</i>	State <i>Wis</i>
		ZIP Code <i>53226</i>	
Name of Person Conducting Inspection <i>Jim Doty</i>			Inspection Date <i>6-5-14</i>
Employer <i>Milwaukee County</i>			Telephone Number <i>278-2988</i>
Outfall Number (make reference to site map) <i>1</i>	Description of Outfall (e.g., ditch, concrete pipe, grassed swale, etc.) <i>pipe / catch basin</i>		
Time of Rainfall Event <i>11:15</i>	Time of Visual Inspection <i>11:30 AM</i>	Optional: Amount of Rainfall at the Time of Observation (nearest tenth of an inch)	

Describe your observations. An easy way to conduct this inspection is to use a glass jar to collect a sample of the storm water being discharged from the facility and visually inspect the water. Include any observations of color, odor, turbidity, floating solids, foam, oil sheen or any other visual indicators of storm water pollution and the probable sources of any observed storm water contamination.

Color:	<input type="checkbox"/> Clear	<input type="checkbox"/> Red	<input type="checkbox"/> Yellow	<input checked="" type="checkbox"/> Brown	<input type="checkbox"/> Other:
Odor:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Rotten Egg	<input type="checkbox"/> Other:
Clarity:	<input type="checkbox"/> Clear	<input checked="" type="checkbox"/> Cloudy	<input type="checkbox"/> Opaque	<input checked="" type="checkbox"/> Suspended Solids	<input type="checkbox"/> Other:
Floatables:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Foam	<input type="checkbox"/> Garbage	<input type="checkbox"/> Oily Film	<input type="checkbox"/> Other:
Deposits / Stains:	<input type="checkbox"/> None	<input type="checkbox"/> Oily	<input type="checkbox"/> Sludge	<input checked="" type="checkbox"/> Sediments	<input type="checkbox"/> Other:

Comments:

color and sediments coming from DOT construction on Watertown Plank Road.

This outfall could not be evaluated during this quarter due to the following reason:

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Make any necessary changes to your Storm Water Pollution Prevention Plan as needed.

Facility Name <i>Fleet Management - Main Shop</i>			
Street Address <i>10340 W. Watertown Plank Rd.</i>		City <i>Wauwatosa</i>	State <i>Wis</i>
		ZIP Code <i>53226</i>	
Name of Person Conducting Inspection <i>Jim Doty</i>		Inspection Date <i>6-5-2014</i>	
Employer <i>Milwaukee County</i>		Telephone Number <i>278-2988</i>	
Outfall Number (make reference to site map) <i>3</i>	Description of Outfall (e.g., ditch, concrete pipe, grassed swale, etc.) <i>catch basin / pipe</i>		
Time of Rainfall Event <i>11:15</i>	Time of Visual Inspection <i>11:30</i>	Optional: Amount of Rainfall at the Time of Observation (nearest tenth of an inch)	

Describe your observations. An easy way to conduct this inspection is to use a glass jar to collect a sample of the storm water being discharged from the facility and visually inspect the water. Include any observations of color, odor, turbidity, floating solids, foam, oil sheen or any other visual indicators of storm water pollution and the probable sources of any observed storm water contamination.

Color:	<input checked="" type="checkbox"/> Clear	<input type="checkbox"/> Red	<input type="checkbox"/> Yellow	<input type="checkbox"/> Brown	<input type="checkbox"/> Other:
Odor:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Rotten Egg	<input type="checkbox"/> Other:
Clarity:	<input checked="" type="checkbox"/> Clear	<input type="checkbox"/> Cloudy	<input type="checkbox"/> Opaque	<input type="checkbox"/> Suspended Solids	<input type="checkbox"/> Other:
Floatables:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Foam	<input type="checkbox"/> Garbage	<input type="checkbox"/> Oily Film	<input type="checkbox"/> Other:
Deposits / Stains:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Oily	<input type="checkbox"/> Sludge	<input type="checkbox"/> Sediments	<input type="checkbox"/> Other:

Comments:

no issues

This outfall could not be evaluated during this quarter due to the following reason:

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Use one form per outfall.

Quarterly Visual Inspections at each storm water discharge outfall on your site can be a valuable assessment tool and are required by the Tier 1 and Tier 2 Industrial Storm Water General Permits. This inspection should be performed when sufficient runoff occurs during daylight hours. Try to make observations within the first 30 minutes after runoff begins discharging from the outfall, or as soon as practical, but no later than 60 minutes. If you find visible pollution, note the probable source and list any possible Best Management Practices that could be used to reduce or eliminate the problem.

Make any necessary changes to your Storm Water Pollution Prevention Plan as needed.

Facility Name <i>Fleet Mainshop</i>			
Street Address <i>10340 W. Watertown Plank</i>		City <i>Wauwatosa</i>	State <i>Wis</i>
		ZIP Code <i>53226</i>	
Name of Person Conducting Inspection <i>Jim Doty</i>			Inspection Date <i>6-5-18 14</i>
Employer <i>Milwaukee County</i>			Telephone Number <i>278-2988</i>
Outfall Number (make reference to site map) <i>4</i>	Description of Outfall (e.g., ditch, concrete pipe, grassed swale, etc.) <i>pipe/catch basin</i>		
Time of Rainfall Event <i>11:15</i>	Time of Visual Inspection <i>11:35</i>	Optional: Amount of Rainfall at the Time of Observation (nearest tenth of an inch)	

Describe your observations. An easy way to conduct this inspection is to use a glass jar to collect a sample of the storm water being discharged from the facility and visually inspect the water. Include any observations of color, odor, turbidity, floating solids, foam, oil sheen or any other visual indicators of storm water pollution and the probable sources of any observed storm water contamination.

Color:	<input checked="" type="checkbox"/> Clear	<input type="checkbox"/> Red	<input type="checkbox"/> Yellow	<input checked="" type="checkbox"/> Brown	<input type="checkbox"/> Other:
Odor:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Rotten Egg	<input type="checkbox"/> Other:
Clarity:	<input type="checkbox"/> Clear	<input checked="" type="checkbox"/> Cloudy	<input type="checkbox"/> Opaque	<input type="checkbox"/> Suspended Solids	<input type="checkbox"/> Other:
Floatables:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Foam	<input type="checkbox"/> Garbage	<input type="checkbox"/> Oily Film	<input type="checkbox"/> Other:
Deposits / Stains:	<input type="checkbox"/> None	<input type="checkbox"/> Oily	<input type="checkbox"/> Sludge	<input checked="" type="checkbox"/> Sediments	<input type="checkbox"/> Other:

Comments:

too much sediment - catch basin need protection area needs to be cleaned. Sediment entering pond.

This outfall could not be evaluated during this quarter due to the following reason:

Milwaukee County Semi-annual Non-Storm Water Discharge Evaluation

Site: Fleet Management - Main Shop
 Inspection Date: 9-24-14
 Inspection Personnel: Dotjes, Sudar

Visual inspections of the storm inlets and outfalls for non-stormwater discharges must be made during dry weather. For each outfall, the procedure is as follows:

- Check outfalls for flow.
- If there is flow, describe the flow (color, odor, sheen, rate, etc.)
- If there is flow, go upstream and check storm inlets.
- Document observations below.

	Flow observed		Description of flow and/or comments
	Yes	No	
Outfall 1			<i>no flow from any outfalls (an outdoor vehicle wash pit was clogged, however)</i>
Outfall 2			
Outfall 3			
Outfall 4			

*Report any issues to Manager or County Environmental Engineer.
 Submit completed inspection documentation to Manager and County Environmental Engineer.*

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Use one form per outfall.

Quarterly Visual Inspections at each storm water discharge outfall on your site can be a valuable assessment tool and are required by the Tier 1 and Tier 2 Industrial Storm Water General Permits. This inspection should be performed when sufficient runoff occurs during daylight hours. Try to make observations within the first 30 minutes after runoff begins discharging from the outfall, or as soon as practical, but no later than 60 minutes. If you find visible pollution, note the probable source and list any possible Best Management Practices that could be used to reduce or eliminate the problem.

Make any necessary changes to your Storm Water Pollution Prevention Plan as needed.

Facility Name Fleet - Main Shop				
Street Address 10340 W Watertown Plank Road		City Milwaukee	State WI	ZIP Code 53226
Name of Person Conducting Inspection Jack Suday			Inspection Date 12-22-14	
Employer Milwaukee County			Telephone Number 278-2988	
Outfall Number (make reference to site map) 1	Description of Outfall (e.g., ditch, concrete pipe, grassed swale, etc.) pipe/catch basin			
Time of Rainfall Event 1:50 PM	Time of Visual Inspection 1:50 PM	Optional: Amount of Rainfall at the Time of Observation (nearest tenth of an inch)		

Describe your observations. An easy way to conduct this inspection is to use a glass jar to collect a sample of the storm water being discharged from the facility and visually inspect the water. Include any observations of color, odor, turbidity, floating solids, foam, oil sheen or any other visual indicators of storm water pollution and the probable sources of any observed storm water contamination.

Color:	<input type="checkbox"/> Clear	<input type="checkbox"/> Red	<input type="checkbox"/> Yellow	<input checked="" type="checkbox"/> Brown	<input type="checkbox"/> Other:
Odor:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Rotten Egg	<input type="checkbox"/> Other:
Clarity:	<input type="checkbox"/> Clear	<input checked="" type="checkbox"/> Cloudy	<input type="checkbox"/> Opaque	<input checked="" type="checkbox"/> Suspended Solids	<input type="checkbox"/> Other:
Floatables:	None	<input type="checkbox"/> Foam	<input checked="" type="checkbox"/> Garbage	<input type="checkbox"/> Oily Film	<input type="checkbox"/> Other:
Deposits / Stains:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Oily	<input type="checkbox"/> Sludge	<input type="checkbox"/> Sediments	<input type="checkbox"/> Other:

Comments:

No inlet protection. Sediment and trash flowing to inlet. Sediment related to construction

This outfall could not be evaluated during this quarter due to the following reason:

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Use one form per outfall.

Quarterly Visual Inspections at each storm water discharge outfall on your site can be a valuable assessment tool and are required by the Tier 1 and Tier 2 Industrial Storm Water General Permits. This inspection should be performed when sufficient runoff occurs during daylight hours. Try to make observations within the first 30 minutes after runoff begins discharging from the outfall, or as soon as practical, but no later than 60 minutes. If you find visible pollution, note the probable source and list any possible Best Management Practices that could be used to reduce or eliminate the problem.

Make any necessary changes to your Storm Water Pollution Prevention Plan as needed.

Facility Name Fleet - Main Shop			
Street Address 10340 W Wauwatosa Plank Rd.		City Milwaukee	State WI
		ZIP Code 53226	
Name of Person Conducting Inspection Jack Sudar			Inspection Date 12-22-14
Employer Milwaukee County			Telephone Number 278-2988
Outfall Number (make reference to site map) 2	Description of Outfall (e.g., ditch, concrete pipe, grassed swale, etc.) pipe / catch basin		
Time of Rainfall Event 1:50 PM	Time of Visual Inspection 1:50 PM	Optional: Amount of Rainfall at the Time of Observation (nearest tenth of an inch)	

Describe your observations. An easy way to conduct this inspection is to use a glass jar to collect a sample of the storm water being discharged from the facility and visually inspect the water. Include any observations of color, odor, turbidity, floating solids, foam, oil sheen or any other visual indicators of storm water pollution and the probable sources of any observed storm water contamination.

Color:	<input type="checkbox"/> Clear	<input type="checkbox"/> Red	<input type="checkbox"/> Yellow	<input checked="" type="checkbox"/> Brown	<input type="checkbox"/> Other:
Odor:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Rotten Egg	<input type="checkbox"/> Other:
Clarity:	<input type="checkbox"/> Clear	<input checked="" type="checkbox"/> Cloudy	<input type="checkbox"/> Opaque	<input checked="" type="checkbox"/> Suspended Solids	<input type="checkbox"/> Other:
Floatables:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Foam	<input type="checkbox"/> Garbage	<input type="checkbox"/> Oily Film	<input type="checkbox"/> Other:
Deposits / Stains:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Oily	<input type="checkbox"/> Sludge	<input type="checkbox"/> Sediments	<input type="checkbox"/> Other:

Comments:
There was inlet protection. sediment from construction was building up near inlet.

This outfall could not be evaluated during this quarter due to the following reason:

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Use one form per outfall.

Quarterly Visual Inspections at each storm water discharge outfall on your site can be a valuable assessment tool and are required by the Tier 1 and Tier 2 Industrial Storm Water General Permits. This inspection should be performed when sufficient runoff occurs during daylight hours. Try to make observations within the first 30 minutes after runoff begins discharging from the outfall, or as soon as practical, but no later than 60 minutes. If you find visible pollution, note the probable source and list any possible Best Management Practices that could be used to reduce or eliminate the problem.

Make any necessary changes to your Storm Water Pollution Prevention Plan as needed.

Facility Name Fleet - Main Shop				
Street Address 10340 W Watertown Plank Rd.		City Milwaukee	State WI	ZIP Code 53226
Name of Person Conducting Inspection Jack Sudar			Inspection Date 12-22-14	
Employer Milwaukee County			Telephone Number 278-2988	
Outfall Number (make reference to site map) 3		Description of Outfall (e.g., ditch, concrete pipe, grassed swale, etc.) pipe / catch basin		
Time of Rainfall Event 1:50 PM	Time of Visual Inspection 2:00 PM	Optional: Amount of Rainfall at the Time of Observation (nearest tenth of an inch)		

Describe your observations. An easy way to conduct this inspection is to use a glass jar to collect a sample of the storm water being discharged from the facility and visually inspect the water. Include any observations of color, odor, turbidity, floating solids, foam, oil sheen or any other visual indicators of storm water pollution and the probable sources of any observed storm water contamination.

Color:	<input type="checkbox"/> Clear	<input type="checkbox"/> Red	<input type="checkbox"/> Yellow	<input checked="" type="checkbox"/> Brown	<input type="checkbox"/> Other:
Odor:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Rotten Egg	<input type="checkbox"/> Other:
Clarity:	<input type="checkbox"/> Clear	<input checked="" type="checkbox"/> Cloudy	<input type="checkbox"/> Opaque	<input checked="" type="checkbox"/> Suspended Solids	<input type="checkbox"/> Other:
Floating:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Foam	<input type="checkbox"/> Garbage	<input type="checkbox"/> Oily Film	<input type="checkbox"/> Other:
Deposits / Stains:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Oily	<input type="checkbox"/> Sludge	<input type="checkbox"/> Sediments	<input type="checkbox"/> Other:

Comments:
Outfall has been removed/replaced. The two catch basins before the outfall have no inlet protection and have sediment in the runoff. Sediment partially related to construction

This outfall could not be evaluated during this quarter due to the following reason:

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		ZIP Code 53226	
Name of Person Conducting Inspection Jack Sudar		Inspection Date 12-22-14	
Employer Milwaukee County		Telephone Number 278-2988	
Outfall Number (make reference to site map) 4	Description of Outfall (e.g., ditch, concrete pipe, grassed swale, etc.) pipe / catch basin		
Time of Rainfall Event 1:50 PM	Time of Visual Inspection 2:10 PM	Optional: Amount of Rainfall at the Time of Observation (nearest tenth of an inch)	
Describe your observations. An easy way to conduct this inspection is to use a glass jar to collect a sample of the storm water being discharged from the facility and visually inspect the water. Include any observations of color, odor, turbidity, floating solids, foam, oil sheen or any other visual indicators of storm water pollution and the probable sources of any observed storm water contamination.			
Color:	<input checked="" type="checkbox"/> Clear	<input type="checkbox"/> Red	<input type="checkbox"/> Yellow
	<input type="checkbox"/> Brown	<input type="checkbox"/> Other:	
Odor:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage
	<input type="checkbox"/> Rotten Egg	<input type="checkbox"/> Other:	
Clarity:	<input checked="" type="checkbox"/> Clear	<input type="checkbox"/> Cloudy	<input type="checkbox"/> Opaque
	<input type="checkbox"/> Suspended Solids	<input type="checkbox"/> Other:	
Floatables:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Foam	<input type="checkbox"/> Garbage
	<input type="checkbox"/> Oily Film	<input type="checkbox"/> Other:	
Deposits / Stains:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Oily	<input type="checkbox"/> Sludge
	<input type="checkbox"/> Sediments	<input type="checkbox"/> Other:	

Comments:

looked good

This outfall could not be evaluated during this quarter due to the following reason:

Annual Facility Site Compliance Inspection Report (AFSCI)

For Storm Water Discharge Associated With Industrial Activity Under
 Wisconsin Pollutant Discharge Elimination System (WPDES) Permit

Form 3400-176 (R 6/05)

Page 1 of 4

Notice: This form is authorized by s. NR 216.29(2), Wis. Adm. Code. Submittal of a completed form to the Department is mandatory for industrial facilities covered under a tier 1 storm water general permit. Facilities covered under a tier 1 permit are not required to submit AFSCI reports after submittal of the second AFSCI report, unless so directed by the department. However, these inspections and quarterly visual inspections shall still be conducted and results shall be kept on site for department inspection. Facilities covered under a tier 2 storm water general, industry-specific general or individual permit shall keep the results of their AFSCI and quarterly visual inspections on site for department inspection. Failure to comply with these regulations may result in fines up to \$25,000 per day pursuant to s. 283.91, Wis. Stats. Personally identifiable information on this form may be used for other water quality program purposes.

Facility Information

Facility Name <i>Milwaukee County Zoo</i>				
Street Address <i>1001 W. Bluemound</i>		City <i>Milwaukee</i>	State <i>WI</i>	ZIP Code <i>53226</i>
County <i>Milwaukee</i>		Facility Contact Person <i>Paul Hackbath</i>		

Signature

This form must be signed by an official representative of the permitted facility, in accordance with s. 216.29(8), Wis. Adm. Code.

IF THIS FORM IS NOT SIGNED, OR IS FOUND TO BE INCOMPLETE, IT WILL BE RETURNED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Authorized Representative <i>Timothy Dotzer</i>		Date Signed <i>9-8-14</i>	
Type or Print Name <i>Timothy Dotzer</i>	Position Title <i>Managing Environmental Engineer</i>		
Company Name <i>Milwaukee County</i>		Telephone Number <i>414-278-2988</i>	
Mailing Address <i>2711 W. Wells # 213</i>	City <i>Milwaukee</i>	State <i>WI</i>	ZIP Code <i>53208</i>

The first level of storm water monitoring consists of a comprehensive annual facility site compliance inspection (AFSCI) to determine if your facility is operating in compliance with your Storm Water Pollution Prevention Plan (SWPPP). You should use the results of this inspection to determine the extent to which your SWPPP needs to be updated to prevent pollution from new source areas, as well as to correct any inadequacies that the plan may have in handling existing source areas. This first level of monitoring is addressed in Section III of this Annual Report.

The second level of storm water monitoring consists of quarterly visual observations of storm water leaving the site during runoff events caused by snow-melt or rainfall. This is a practical, low cost tool for identifying obvious contamination of storm water discharges, and can also help identify which practices are ineffective. The goal of quarterly inspections is to obtain results from a set of four inspections that are distributed as evenly as possible throughout the year and which depict runoff quality during each of the four seasons. This second level of monitoring is addressed in Section IV of this Annual Report.

DNR Use Only
FIN
FID

Annual Facility Site Compliance Inspection Report (AFSCI)

Form 3400-176 (R 6/05)

Page 2 of 4

Annual Facility Site Compliance Inspection

The Annual Facility Site Compliance Inspection shall be adequate to verify that; your Storm Water Pollution Prevention Plan (SWPPP) remains current, potential pollution sources at your facility are identified, the facility site map and drainage map remain accurate, and Best Management Practices prescribed in your SWPPP are being implemented, properly operated, and adequately maintained.

Name of Person Conducting Inspection <i>Jim Detyer & Jack Sudor</i>	Inspection Date <i>9-4-14</i>
Employer <i>Milwaukee County</i>	Telephone Number <i>414-278-2988</i>

Your inspection should start with a review of your written SWPPP kept at your facility. The SWPPP should be amended if, through these inspections, you find that the provisions in your SWPPP are ineffective in controlling contaminated storm water from being discharged from your facility.

Has your SWPPP been updated to include current Non-Storm Water Discharge Evaluation results?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Has your SWPPP been amended for any new construction that would effect the site map or drainage conditions at the facility?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Has your SWPPP been amended for any changes in facility operations that could be identified as new source areas for contamination of storm water?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Are there any materials at the facility that are handled, stored, or disposed in a manner to allow exposure to storm water that are not currently addressed in your SWPPP?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Are there any maintenance or material handling activities conducted outdoors that have not been addressed in your SWPPP?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Are outside areas kept in a neat and orderly condition?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Are regular housekeeping inspections made?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Do you see spots, pools, puddles, or other traces of oils, grease, or other chemicals on the ground?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Are particulates on the ground from industrial operations or processes being controlled?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Do you see leaking equipment, pipes or containers?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Do drips, spills, or leaks occur when materials are being transferred from one source to another?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Are drips or leaks from equipment or machinery being controlled?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Are cleanup procedures used for spilled solids?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Are absorbent materials (floor dry, kitty litter, etc.) regularly used in certain areas to absorb spills?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Can you find discoloration, residue, or corrosion on the roof or around vents or pipes that ventilate or drain work areas?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Are Best Management Practices implemented to reduce or eliminate contamination of storm water from source areas at the facility?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Are Best Management Practices adequately maintained? <i>see comment</i>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Are there significant changes that will have to made to your SWPPP to correct any inadequacies that the plan may have to effectively control a discharge of contaminated storm water from your facility?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A

Comments:

1. some print material in previous paper section by Australian exhibit looked clogged.
2. catch basin south of tunnel (@ service yard) is either buried or removed due to construction.

Annual Facility Site Compliance Inspection Report (AFSCI)

Form 3400-176 (R 6/05)

Page 4 of 4

Mailing

Unless otherwise directed, mail this completed form to the DNR office listed by county as follows:

Northern Region Counties

Ashland	Lincoln	DNR Service Center
Barron	Oneida	1401 Tower Avenue
Bayfield	Polk	Superior, WI 54880
Burnett	Price	
Douglas	Rusk	Phone: (715) 392-7988
Florence	Sawyer	
Forest	Taylor	
Iron	Vilas	
Langlade	Washburn	

South Central Region Counties

Columbia	Jefferson	DNR South Central Region
Dane	LaFayette	3911 Fish Hatchery Road
Dodge	Richland	Fitchburg, WI 53711
Grant	Rock	
Green	Sauk	Phone: (608) 275-3266
Iowa		

Northeast Region Counties

Brown	Marquette	DNR Northeast Region
Calumet	Menomonee	PO Box 10448
Door	Oconto	Green Bay, WI 54307
Fond du Lac	Outagamie	
Green Lake	Shawano	Phone: (920) 662-5100
Kewaunee	Waupaca	
Manitowoc	Waushara	
Marinette	Winnebago	

Southeast Region Counties

Kenosha	Sheboygan	DNR Southeast Region
Milwaukee	Walworth	Stormwater Program
Ozaukee	Washington	2300 N Dr Martin Luther King Jr Dr
Racine	Waukesha	Milwaukee, WI 53212
		Phone: (414) 263-8500

West Central Region Counties

Adams	Marathon	DNR Service Center
Buffalo	Monroe	5301 Rib Mountain Road
Chippewa	Pepin	Wausau, WI 54401
Clark	Pierce	
Crawford	Portage	Phone: (715) 359-4522
Dunn	St. Croix	
Eau Claire	Trempealeau	
Jackson	Vernon	
Juneau	Wood	
La Crosse		

Milwaukee County Semi-annual Non-Storm Water Discharge Evaluation

Site: 700
 Inspection Date: 9-24-14
 Inspection Personnel: Detyer Quider

Visual inspections of the storm inlets and outfalls for non-stormwater discharges must be made during dry weather. For each outfall, the procedure is as follows:

- Check outfalls for flow.
- If there is flow, describe the flow (color, odor, sheen, rate, etc.)
- If there is flow, go upstream and check storm inlets.
- Document observations below.

	Flow observed		Description of flow and/or comments
	Yes	No	
Outfall 1	X		always flowing (see 1998 SWMP - water balance)
Outfall 2			
Outfall 3			
Outfall 4			

*Report any issues to Manager or County Environmental Engineer.
 Submit completed inspection documentation to Manager and County Environmental Engineer.*

This form is for your own use and should be kept as part of your Storm Water Pollution Prevention Plan. It does not have to be submitted to the Department unless requested. If false information from quarterly visual inspections is reported to the Department, you could be subject to penalties up to \$10,000 pursuant to s. 283.91(4), Wis. Stats.

Use one form per outfall.

Quarterly Visual Inspections at each storm water discharge outfall on your site can be a valuable assessment tool and are required by the Tier 1 and Tier 2 Industrial Storm Water General Permits. This inspection should be performed when sufficient runoff occurs during daylight hours. Try to make observations within the first 30 minutes after runoff begins discharging from the outfall, or as soon as practical, but no later than 60 minutes. If you find visible pollution, note the probable source and list any possible Best Management Practices that could be used to reduce or eliminate the problem.

Make any necessary changes to your Storm Water Pollution Prevention Plan as needed.

Facility Name <i>Milwaukee County Zoo</i>				
Street Address <i>1001 W. Bluemound</i>		City <i>Milwaukee</i>	State <i>Wi</i>	ZIP Code <i>532026</i>
Name of Person Conducting Inspection <i>Jim Wetzer</i>			Inspection Date <i>3/27/14</i>	
Employer <i>Milwaukee County</i>			Telephone Number <i>278-2988</i>	
Outfall Number (make reference to site map) <i>see below</i>		Description of Outfall (e.g., ditch, concrete pipe, grassed swale, etc.) <i>see below</i>		
Time of Rainfall Event <i>~ 8:30</i>	Time of Visual Inspection <i>9:20</i>	Optional: Amount of Rainfall at the Time of Observation (nearest tenth of an inch)		

Describe your observations. An easy way to conduct this inspection is to use a glass jar to collect a sample of the storm water being discharged from the facility and visually inspect the water. Include any observations of color, odor, turbidity, floating solids, foam, oil sheen or any other visual indicators of storm water pollution and the probable sources of any observed storm water contamination.

Color:	<input type="checkbox"/> Clear	<input type="checkbox"/> Red	<input type="checkbox"/> Yellow	<input type="checkbox"/> Brown	<input type="checkbox"/> Other:
Odor:	<input type="checkbox"/> None	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Rotten Egg	<input type="checkbox"/> Other:
Clarity:	<input type="checkbox"/> Clear	<input type="checkbox"/> Cloudy	<input type="checkbox"/> Opaque	<input type="checkbox"/> Suspended Solids	<input type="checkbox"/> Other:
Floatables:	<input type="checkbox"/> None	<input type="checkbox"/> Foam	<input type="checkbox"/> Garbage	<input type="checkbox"/> Oily Film	<input type="checkbox"/> Other:
Deposits / Stains:	<input type="checkbox"/> None	<input type="checkbox"/> Oily	<input type="checkbox"/> Sludge	<input type="checkbox"/> Sediments	<input type="checkbox"/> Other:

Comments:

outfall
 # 1 72" box - clear, no odor, slight suspended solids, no floatables - no issues
 # 2 (storm sewer from service yard) - could not access due to freeway-related construction. However service yard had lots of mud due to construction activities - Recommend increased sweeping during construction and have contractor install

This outfall could not be evaluated during this quarter due to the following reason:

inlet protection in service yard inlets and catch basins.

This form is for your own use and should be kept as part of your Storm Water Pollution Prevention Plan. It **does not** have to be submitted to the Department unless requested. If false information from quarterly visual inspections is reported to the Department, you could be subject to penalties up to \$10,000 pursuant to s. 283.91(4), Wis. Stats.

Use one form per outfall.

Quarterly Visual Inspections at each storm water discharge outfall on your site can be a valuable assessment tool and are required by the Tier 1 and Tier 2 Industrial Storm Water General Permits. This inspection should be performed when sufficient runoff occurs during daylight hours. Try to make observations within the first 30 minutes after runoff begins discharging from the outfall, or as soon as practical, but no later than 60 minutes. If you find visible pollution, note the probable source and list any possible Best Management Practices that could be used to reduce or eliminate the problem.

Make any necessary changes to your **Storm Water Pollution Prevention Plan** as needed.

Facility Name <i>Milwaukee County Zoo</i>			
Street Address <i>1001 W. Bluemound</i>		City <i>Milwaukee</i>	State <i>WI</i>
		ZIP Code <i>53226</i>	
Name of Person Conducting Inspection <i>Timothy Doty</i>		Inspection Date <i>6-5-14</i>	
Employer <i>Milwaukee County</i>		Telephone Number <i>278-2988</i>	
Outfall Number (make reference to site map) <i>1</i>	Description of Outfall (e.g., ditch, concrete pipe, grassed swale, etc.) <i>72" outfall</i>		
Time of Rainfall Event <i>10:30 AM</i>	Time of Visual Inspection <i>11:00 AM</i>	Optional: Amount of Rainfall at the Time of Observation (nearest tenth of an inch)	

Describe your observations. An easy way to conduct this inspection is to use a glass jar to collect a sample of the storm water being discharged from the facility and visually inspect the water. Include any observations of color, odor, turbidity, floating solids, foam, oil sheen or any other visual indicators of storm water pollution and the probable sources of any observed storm water contamination.

Color:	<input checked="" type="checkbox"/> Clear	<input type="checkbox"/> Red	<input type="checkbox"/> Yellow	<input type="checkbox"/> Brown	<input type="checkbox"/> Other:
Odor:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Rotten Egg	<input type="checkbox"/> Other:
Clarity:	<input checked="" type="checkbox"/> Clear	<input type="checkbox"/> Cloudy	<input type="checkbox"/> Opaque	<input type="checkbox"/> Suspended Solids	<input type="checkbox"/> Other:
Floatables:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Foam	<input type="checkbox"/> Garbage	<input type="checkbox"/> Oily Film	<input type="checkbox"/> Other:
Deposits / Stains:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Oily	<input type="checkbox"/> Sludge	<input type="checkbox"/> Sediments	<input type="checkbox"/> Other:

Comments:

water

This outfall could not be evaluated during this quarter due to the following reason:

This form is for your own use and should be kept as part of your Storm Water Pollution Prevention Plan. It does not have to be submitted to the Department unless requested. If false information from quarterly visual inspections is reported to the Department, you could be subject to penalties up to \$10,000 pursuant to s. 283.91(4), Wis. Stats.

Use one form per outfall.

Quarterly Visual Inspections at each storm water discharge outfall on your site can be a valuable assessment tool and are required by the Tier 1 and Tier 2 Industrial Storm Water General Permits. This inspection should be performed when sufficient runoff occurs during daylight hours. Try to make observations within the first 30 minutes after runoff begins discharging from the outfall, or as soon as practical, but no later than 60 minutes. If you find visible pollution, note the probable source and list any possible Best Management Practices that could be used to reduce or eliminate the problem.

Make any necessary changes to your Storm Water Pollution Prevention Plan as needed.

Facility Name <i>Milwaukee County Zoo</i>				
Street Address <i>1001 W. Bluemound Rd.</i>		City <i>Milwaukee</i>	State <i>WI</i>	ZIP Code <i>53226</i>
Name of Person Conducting Inspection <i>Jim Detzer</i>			Inspection Date <i>6-5-184</i>	
Employer <i>Milwaukee County</i>			Telephone Number <i>278-2988</i>	
Outfall Number (make reference to site map) <i>2</i>	Description of Outfall (e.g., ditch, concrete pipe, grassed swale, etc.) <i>pipe / catch basin</i>			
Time of Rainfall Event <i>10:30 AM</i>	Time of Visual Inspection <i>11:10 AM</i>	Optional: Amount of Rainfall at the Time of Observation (nearest tenth of an inch)		

Describe your observations. An easy way to conduct this inspection is to use a glass jar to collect a sample of the storm water being discharged from the facility and visually inspect the water. Include any observations of color, odor, turbidity, floating solids, foam, oil sheen or any other visual indicators of storm water pollution and the probable sources of any observed storm water contamination.

Color:	<input type="checkbox"/> Clear	<input type="checkbox"/> Red	<input type="checkbox"/> Yellow	<input type="checkbox"/> Brown	<input checked="" type="checkbox"/> Other: <i>grey</i>
Odor:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Rotten Egg	<input type="checkbox"/> Other:
Clarity:	<input type="checkbox"/> Clear	<input checked="" type="checkbox"/> Cloudy	<input type="checkbox"/> Opaque	<input type="checkbox"/> Suspended Solids	<input type="checkbox"/> Other:
Floatables:	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Foam	<input type="checkbox"/> Garbage	<input type="checkbox"/> Oily Film	<input type="checkbox"/> Other:
Deposits / Stains:	<input type="checkbox"/> None	<input type="checkbox"/> Oily	<input type="checkbox"/> Sludge	<input type="checkbox"/> Sediments	<input type="checkbox"/> Other: <i>sediment from yard</i>

Comments:

*stormwater puddles in yard have foaming and a blue-grey color.
 Try to limit work practices in yard to limit stormwater contamination*

This outfall could not be evaluated during this quarter due to the following reason:

This form is for your own use and should be kept as part of your Storm Water Pollution Prevention Plan. It does not have to be submitted to the Department unless requested. If false information from quarterly visual inspections is reported to the Department, you could be subject to penalties up to \$10,000 pursuant to s. 283.91(4), Wis. Stats.

Use one form per outfall.

Quarterly Visual Inspections at each storm water discharge outfall on your site can be a valuable assessment tool and are required by the Tier 1 and Tier 2 Industrial Storm Water General Permits. This inspection should be performed when sufficient runoff occurs during daylight hours. Try to make observations within the first 30 minutes after runoff begins discharging from the outfall, or as soon as practical, but no later than 60 minutes. If you find visible pollution, note the probable source and list any possible Best Management Practices that could be used to reduce or eliminate the problem.

Make any necessary changes to your Storm Water Pollution Prevention Plan as needed.

Facility Name <i>Milwaukee County Zoo</i>				
Street Address <i>1001 W. Bluemound Rd.</i>		City <i>Milwaukee</i>	State <i>W.</i>	ZIP Code <i>53226</i>
Name of Person Conducting Inspection <i>Jack Sudar</i>			Inspection Date <i>12-22-14</i>	
Employer <i>Milwaukee County</i>			Telephone Number <i>278-4870</i>	
Outfall Number (make reference to site map) <i>2</i>	Description of Outfall (e.g., ditch, concrete pipe, grassed swale, etc.) <i>pipe/catch basin</i>			
Time of Rainfall Event <i>3:30 PM</i>	Time of Visual Inspection <i>4:00 PM</i>	Optional: Amount of Rainfall at the Time of Observation (nearest tenth of an inch)		

Describe your observations. An easy way to conduct this inspection is to use a glass jar to collect a sample of the storm water being discharged from the facility and visually inspect the water. Include any observations of color, odor, turbidity, floating solids, foam, oil sheen or any other visual indicators of storm water pollution and the probable sources of any observed storm water contamination.

Color:	<input type="checkbox"/> Clear	<input type="checkbox"/> Red	<input type="checkbox"/> Yellow	<input checked="" type="checkbox"/> Brown	<input type="checkbox"/> Other:
Odor:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Rotten Egg	<input type="checkbox"/> Other:
Clarity:	<input type="checkbox"/> Clear	<input checked="" type="checkbox"/> Cloudy	<input type="checkbox"/> Opaque	<input checked="" type="checkbox"/> Suspended Solids	<input type="checkbox"/> Other:
Floatables:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Foam	<input type="checkbox"/> Garbage	<input type="checkbox"/> Oily Film	<input type="checkbox"/> Other:
Deposits / Stains:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Oily	<input type="checkbox"/> Sludge	<input type="checkbox"/> Sediments	<input type="checkbox"/> Other:

Comments:
Southern outlet is protected by inlet protection, and runoff going to it carries sediment. Northern outlet is under a pile of sediment, though it has inlet protection. This northern inlet is now owned by WisDOT. Sediment is due to road construction

This outfall could not be evaluated during this quarter due to the following reason:

This form is for your own use and should be kept as part of your Storm Water Pollution Prevention Plan. It does not have to be submitted to the Department unless requested. If false information from quarterly visual inspections is reported to the Department, you could be subject to penalties up to \$10,000 pursuant to s. 283.91(4), Wis. Stats.

Use one form per outfall.

Quarterly Visual Inspections at each storm water discharge outfall on your site can be a valuable assessment tool and are required by the Tier 1 and Tier 2 Industrial Storm Water General Permits. This inspection should be performed when sufficient runoff occurs during daylight hours. Try to make observations within the first 30 minutes after runoff begins discharging from the outfall, or as soon as practical, but no later than 60 minutes. If you find visible pollution, note the probable source and list any possible Best Management Practices that could be used to reduce or eliminate the problem.

Make any necessary changes to your Storm Water Pollution Prevention Plan as needed.

Facility Name <i>Milwaukee County Zoo</i>				
Street Address <i>1001 Bluemond Rd.</i>		City <i>Milwaukee</i>	State <i>WI</i>	ZIP Code <i>53226</i>
Name of Person Conducting Inspection <i>Jack Sudar</i>			Inspection Date <i>12/22/14</i>	
Employer <i>Milwaukee County</i>			Telephone Number <i>278-4870</i>	
Outfall Number (make reference to site map) <i>1</i>	Description of Outfall (e.g., ditch, concrete pipe, grassed swale, etc.) <i>72" outfall</i>			
Time of Rainfall Event <i>3:30PM</i>	Time of Visual Inspection <i>3:30 PM</i>	Optional: Amount of Rainfall at the Time of Observation (nearest tenth of an inch)		

Describe your observations. An easy way to conduct this inspection is to use a glass jar to collect a sample of the storm water being discharged from the facility and visually inspect the water. Include any observations of color, odor, turbidity, floating solids, foam, oil sheen or any other visual indicators of storm water pollution and the probable sources of any observed storm water contamination.

Color:	<input checked="" type="checkbox"/> Clear	<input type="checkbox"/> Red	<input type="checkbox"/> Yellow	<input type="checkbox"/> Brown	<input type="checkbox"/> Other:
Odor:	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Rotten Egg	<input type="checkbox"/> Other:
Clarity:	<input checked="" type="checkbox"/> Clear	<input type="checkbox"/> Cloudy	<input type="checkbox"/> Opaque	<input type="checkbox"/> Suspended Solids	<input type="checkbox"/> Other:
Floatables:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Foam	<input type="checkbox"/> Garbage	<input type="checkbox"/> Oily Film	<input type="checkbox"/> Other:
Deposits / Stains:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Oily	<input type="checkbox"/> Sludge	<input type="checkbox"/> Sediments	<input type="checkbox"/> Other:

Comments:

looked good

This outfall could not be evaluated during this quarter due to the following reason:

Annual Facility Site Compliance Inspection Report (AFSCI)
 For Storm Water Discharge Associated With Industrial Activity Under
 Wisconsin Pollutant Discharge Elimination System (WPDES) Permit
 Form 3400-176 (R 6/05) Page 1 of 4

Notice: This form is authorized by s. NR 216.29(2), Wis. Adm. Code. Submittal of a completed form to the Department is mandatory for industrial facilities covered under a tier 1 storm water general permit. Facilities covered under a tier 1 permit are not required to submit AFSCI reports after submittal of the second AFSCI report, unless so directed by the department. However, these inspections and quarterly visual inspections shall still be conducted and results shall be kept on site for department inspection. Facilities covered under a tier 2 storm water general, industry-specific general or individual permit shall keep the results of their AFSCI and quarterly visual inspections on site for department inspection. Failure to comply with these regulations may result in fines up to \$25,000 per day pursuant to s. 283.91, Wis. Stats. Personally identifiable information on this form may be used for other water quality program purposes.

Facility Information

Facility Name <i>McKinley Marina</i>				
Street Address <i>1750 N. Lincoln Memorial Drive</i>		City <i>Milwaukee</i>	State <i>WI</i>	ZIP Code <i>53202</i>
County <i>Milwaukee</i>		Facility Contact Person <i>Eric Lesch</i>		

Signature

This form must be signed by an official representative of the permitted facility, in accordance with s. 216.29(8), Wis. Adm. Code.

IF THIS FORM IS NOT SIGNED, OR IS FOUND TO BE INCOMPLETE, IT WILL BE RETURNED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Authorized Representative		Date Signed	
Type or Print Name <i>Eric Lesch</i>	Position Title <i>Marina Manager</i>		
Company Name <i>Milwaukee County</i>		Telephone Number <i>414-2783-5224</i>	
Mailing Address <i>1750 N. Lincoln Memorial Drive</i>	City <i>Milwaukee</i>	State <i>WI</i>	ZIP Code <i>53202</i>

The first level of storm water monitoring consists of a comprehensive annual facility site compliance inspection (AFSCI) to determine if your facility is operating in compliance with your Storm Water Pollution Prevention Plan (SWPPP). You should use the results of this inspection to determine the extent to which your SWPPP needs to be updated to prevent pollution from new source areas, as well as to correct any inadequacies that the plan may have in handling existing source areas. This first level of monitoring is addressed in Section III of this Annual Report.

The second level of storm water monitoring consists of quarterly visual observations of storm water leaving the site during runoff events caused by snow-melt or rainfall. This is a practical, low cost tool for identifying obvious contamination of storm water discharges, and can also help identify which practices are ineffective. The goal of quarterly inspections is to obtain results from a set of four inspections that are distributed as evenly as possible throughout the year and which depict runoff quality during each of the four seasons. This second level of monitoring is addressed in Section IV of this Annual Report.

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Annual Facility Site Compliance Inspection Report (AFSCI)
Form 3400-176 (R 6/05)

Annual Facility Site Compliance Inspection

The Annual Facility Site Compliance Inspection shall be adequate to verify that; your Storm Water Pollution Prevention Plan (SWPPP) remains current, potential pollution sources at your facility are identified, the facility site map and drainage map remain accurate, and Best Management Practices prescribed in your SWPPP are being implemented, properly operated, and adequately maintained.

Name of Person Conducting Inspection <i>Tim Detzer</i>	Inspection Date <i>6-3-14</i>
Employer <i>Milwaukee County</i>	Telephone Number <i>414 278-2988</i>

Your inspection should start with a review of your written SWPPP kept at your facility. The SWPPP should be amended if, through these inspections, you find that the provisions in your SWPPP are ineffective in controlling contaminated storm water from being discharged from your facility.

Has your SWPPP been updated to include current Non-Storm Water Discharge Evaluation results?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Has your SWPPP been amended for any new construction that would effect the site map or drainage conditions at the facility?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Has your SWPPP been amended for any changes in facility operations that could be identified as new source areas for contamination of storm water?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Are there any materials at the facility that are handled, stored, or disposed in a manner to allow exposure to storm water that are not currently addressed in your SWPPP?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Are there any maintenance or material handling activities conducted outdoors that have not been addressed in your SWPPP?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Are outside areas kept in a neat and orderly condition?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Are regular housekeeping inspections made?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Do you see spots, pools, puddles, or other traces of oils, grease, or other chemicals on the ground?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Are particulates on the ground from industrial operations or processes being controlled?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Do you see leaking equipment, pipes or containers?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Do drips, spills, or leaks occur when materials are being transferred from one source to another?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Are drips or leaks from equipment or machinery being controlled?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Are cleanup procedures used for spilled solids?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Are absorbent materials (floor dry, kitty litter, etc.) regularly used in certain areas to absorb spills?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Can you find discoloration, residue, or corrosion on the roof or around vents or pipes that ventilate or drain work areas?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Are Best Management Practices implemented to reduce or eliminate contamination of storm water from source areas at the facility?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Are Best Management Practices adequately maintained?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Are there significant changes that will have to made to your SWPPP to correct any inadequacies that the plan may have to effectively control a discharge of contaminated storm water from your facility?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A

Comments:

— no issues noted —

Annual Facility Site Compliance Inspection Report (AFSCI)

Form 3400-176 (R 6/05)

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Mailing

Unless otherwise directed, mail this completed form to the DNR office listed by county as follows:

Northern Region Counties

Ashland	Lincoln	DNR Service Center
Barron	Oneida	1401 Tower Avenue
Bayfield	Polk	Superior, WI 54880
Burnett	Price	
Douglas	Rusk	Phone: (715) 392-7988
Florence	Sawyer	
Forest	Taylor	
Iron	Vilas	
Langlade	Washburn	

South Central Region Counties

Columbia	Jefferson	DNR South Central Region
Dane	LaFayette	3911 Fish Hatchery Road
Dodge	Richland	Fitchburg, WI 53711
Grant	Rock	
Green	Sauk	Phone: (608) 275-3266
Iowa		

Northeast Region Counties

Brown	Marquette	DNR Northeast Region
Calumet	Menomonee	PO Box 10448
Door	Oconto	Green Bay, WI 54307
Fond du Lac	Outagamie	
Green Lake	Shawano	Phone: (920) 662-5100
Kewaunee	Waupaca	
Manitowoc	Waushara	
Marinette	Winnebago	

Southeast Region Counties

Kenosha	Sheboygan	DNR Southeast Region
Milwaukee	Walworth	Stormwater Program
Ozaukee	Washington	2300 N Dr Martin Luther King Jr Dr
Racine	Waukesha	Milwaukee, WI 53212
		Phone: (414) 263-8500

West Central Region Counties

Adams	Marathon	DNR Service Center
Buffalo	Monroe	5301 Rib Mountain Road
Chippewa	Pepin	Wausau, WI 54401
Clark	Pierce	
Crawford	Portage	Phone: (715) 359-4522
Dunn	St. Croix	
Eau Claire	Trempealeau	
Jackson	Vernon	
Juneau	Wood	
La Crosse		

This form is for your own use and should be kept as part of your Storm Water Pollution Prevention Plan. It does not have to be submitted to the Department unless requested. If false information from quarterly visual inspections is reported to the Department, you could be subject to penalties up to \$10,000 pursuant to s. 283.91(4), Wis. Stats.

Use one form per outfall.

Quarterly Visual Inspections at each storm water discharge outfall on your site can be a valuable assessment tool and are required by the Tier 1 and Tier 2 Industrial Storm Water General Permits. This inspection should be performed when sufficient runoff occurs during daylight hours. Try to make observations within the first 30 minutes after runoff begins discharging from the outfall, or as soon as practical, but no later than 60 minutes. If you find visible pollution, note the probable source and list any possible Best Management Practices that could be used to reduce or eliminate the problem.

Make any necessary changes to your Storm Water Pollution Prevention Plan as needed.

Facility Name McKinley Marina				
Street Address 1750 N. Lincoln Memorial Drive		City Milwaukee	State WI	ZIP Code 53202
Name of Person Conducting Inspection T. Detyer			Inspection Date 10-14-14	
Employer Milwaukee County			Telephone Number 414-278-2988	
Outfall Number (make reference to site map) # See below		Description of Outfall (e.g., ditch, concrete pipe, grassed swale, etc.) 1-ramp 2-13 in sheet pile		
Time of Rainfall Event	Time of Visual Inspection 10:30-10:50	Optional: Amount of Rainfall at the Time of Observation (nearest tenth of an inch)		

Describe your observations. An easy way to conduct this inspection is to use a glass jar to collect a sample of the storm water being discharged from the facility and visually inspect the water. Include any observations of color, odor, turbidity, floating solids, foam, oil sheen or any other visual indicators of storm water pollution and the probable sources of any observed storm water contamination.

Color:	<input type="checkbox"/> Clear	<input type="checkbox"/> Red	<input type="checkbox"/> Yellow	<input type="checkbox"/> Brown	<input type="checkbox"/> Other:
Odor:	<input type="checkbox"/> None	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Rotten Egg	<input type="checkbox"/> Other:
Clarity:	<input type="checkbox"/> Clear	<input type="checkbox"/> Cloudy	<input type="checkbox"/> Opaque	<input type="checkbox"/> Suspended Solids	<input type="checkbox"/> Other:
Floatables:	<input type="checkbox"/> None	<input type="checkbox"/> Foam	<input type="checkbox"/> Garbage	<input type="checkbox"/> Oily Film	<input type="checkbox"/> Other:
Deposits / Stains:	<input type="checkbox"/> None	<input type="checkbox"/> Oily	<input type="checkbox"/> Sludge	<input type="checkbox"/> Sediments	<input type="checkbox"/> Other:

Comments:

- 1. - clear
- 2. - inaccessible (gate locked)
- 3. - couldn't see
- 4. - ~~see~~ couldn't find any flow/couldn't see
- 5-9. clear
- 10-12 clear
- 13 no access

These ~~outfalls~~ outfalls are viewed from above. There is no access to them as they are in sheet piling. Water from all pipes looked clear if they were found.

This outfall could not be evaluated during this quarter due to the following reason:

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Quarterly Visual Inspections at each storm water discharge outfall on your site can be a valuable assessment tool and are required by the Tier 1 and Tier 2 Industrial Storm Water General Permits. This inspection should be performed when sufficient runoff occurs during daylight hours. Try to make observations within the first 30 minutes after runoff begins discharging from the outfall, or as soon as practical, but no later than 60 minutes. If you find visible pollution, note the probable source and list any possible Best Management Practices that could be used to reduce or eliminate the problem.

Make any necessary changes to your Storm Water Pollution Prevention Plan as needed.

Facility Name <i>McKinley Marina</i>			
Street Address <i>1750 N. Lincoln Memorial Drive</i>		City <i>Milwaukee</i>	State <i>WI</i>
		ZIP Code <i>53202</i>	
Name of Person Conducting Inspection <i>Jim Delyer</i>		Inspection Date <i>3-10-14</i>	
Employer <i>Milwaukee County</i>		Telephone Number <i>414-278-2988</i>	
Outfall Number (make reference to site map) <i>see below</i>	Description of Outfall (e.g., ditch, concrete pipe, grassed swale, etc.) <i>all pipes except outfall 1 (boat ramp)</i>		
Time of Rainfall Event <i>snow melt</i>	Time of Visual Inspection <i>1:15 pm</i>	Optional: Amount of Rainfall at the Time of Observation (nearest tenth of an inch)	

Describe your observations. An easy way to conduct this inspection is to use a glass jar to collect a sample of the storm water being discharged from the facility and visually inspect the water. Include any observations of color, odor, turbidity, floating solids, foam, oil sheen or any other visual indicators of storm water pollution and the probable sources of any observed storm water contamination.

Color:	<input type="checkbox"/> Clear	<input type="checkbox"/> Red	<input type="checkbox"/> Yellow	<input type="checkbox"/> Brown	<input type="checkbox"/> Other:
Odor:	<input type="checkbox"/> None	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Rotten Egg	<input type="checkbox"/> Other:
Clarity:	<input type="checkbox"/> Clear	<input type="checkbox"/> Cloudy	<input type="checkbox"/> Opaque	<input type="checkbox"/> Suspended Solids	<input type="checkbox"/> Other:
Floatables:	<input type="checkbox"/> None	<input type="checkbox"/> Foam	<input type="checkbox"/> Garbage	<input type="checkbox"/> Oily Film	<input type="checkbox"/> Other:
Deposits / Stains:	<input type="checkbox"/> None	<input type="checkbox"/> Oily	<input type="checkbox"/> Sludge	<input type="checkbox"/> Sediments	<input type="checkbox"/> Other:

Comments:

Outfall
1 - clear
2 - cloudy, yellow
3 - clear
4 - no discernible flow (trickle)

This outfall could not be evaluated during this quarter due to the following reason:

This form is for your own use and should be kept as part of your Storm Water Pollution Prevention Plan. It **does not** have to be submitted to the Department unless requested. If false information from quarterly visual inspections is reported to the Department, you could be subject to penalties up to \$10,000 pursuant to s. 283.91(4), Wis. Stats.

Use one form per outfall.

Quarterly Visual Inspections at each storm water discharge outfall on your site can be a valuable assessment tool and are required by the Tier 1 and Tier 2 Industrial Storm Water General Permits. This inspection should be performed when sufficient runoff occurs during daylight hours. Try to make observations within the first 30 minutes after runoff begins discharging from the outfall, or as soon as practical, but no later than 60 minutes. If you find visible pollution, note the probable source and list any possible Best Management Practices that could be used to reduce or eliminate the problem.

Make any necessary changes to your Storm Water Pollution Prevention Plan as needed.

Facility Name <i>McKinley Marina - Central</i>				
Street Address <i>1750 N. Lincoln Memorial Drive</i>		City <i>Milwaukee</i>	State <i>WI</i>	ZIP Code <i>53202</i>
Name of Person Conducting Inspection <i>Jim Ketyer</i>			Inspection Date <i>3-10-14</i>	
Employer <i>Milwaukee County</i>			Telephone Number <i>414-278-2988</i>	
Outfall Number (make reference to site map) <i>see below</i>		Description of Outfall (e.g., ditch, concrete pipe, grassed swale, etc.) <i>pvc pipes</i>		
Time of Rainfall Event <i>snow melt</i>	Time of Visual Inspection <i>1:00 pm</i>	Optional: Amount of Rainfall at the Time of Observation (nearest tenth of an inch)		

Describe your observations. An easy way to conduct this inspection is to use a glass jar to collect a sample of the storm water being discharged from the facility and visually inspect the water. Include any observations of color, odor, turbidity, floating solids, foam, oil sheen or any other visual indicators of storm water pollution and the probable sources of any observed storm water contamination.

Color:	<input type="checkbox"/> Clear	<input type="checkbox"/> Red	<input type="checkbox"/> Yellow	<input type="checkbox"/> Brown	<input type="checkbox"/> Other:
Odor:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Rotten Egg	<input type="checkbox"/> Other:
Clarity:	<input checked="" type="checkbox"/> Clear	<input checked="" type="checkbox"/> Cloudy	<input type="checkbox"/> Opaque	<input type="checkbox"/> Suspended Solids	<input type="checkbox"/> Other:
Floatables:	<input type="checkbox"/> None	<input type="checkbox"/> Foam	<input type="checkbox"/> Garbage	<input type="checkbox"/> Oily Film	<input type="checkbox"/> Other:
Deposits / Stains:	<input type="checkbox"/> None	<input type="checkbox"/> Oily	<input type="checkbox"/> Sludge	<input type="checkbox"/> Sediments	<input type="checkbox"/> Other:

Comments:

Outfall
5 - clear
6 - clear
7 - yellowish / somewhat cloudy
8 - clear
9 - clear

This outfall could not be evaluated during this quarter due to the following reason:

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Use one form per outfall.

Quarterly Visual Inspections at each storm water discharge outfall on your site can be a valuable assessment tool and are required by the Tier 1 and Tier 2 Industrial Storm Water General Permits. This inspection should be performed when sufficient runoff occurs during daylight hours. Try to make observations within the first 30 minutes after runoff begins discharging from the outfall, or as soon as practical, but no later than 60 minutes. If you find visible pollution, note the probable source and list any possible Best Management Practices that could be used to reduce or eliminate the problem.

Make any necessary changes to your **Storm Water Pollution Prevention Plan** as needed.

Facility Name <i>McKinley Marina - South</i>			
Street Address <i>1750 N. Lincoln Memorial Drive</i>		City <i>Milwaukee</i>	State <i>WI</i>
		ZIP Code <i>53202</i>	
Name of Person Conducting Inspection <i>Jim Dotter</i>			Inspection Date <i>3-10-14</i>
Employer <i>Milwaukee County</i>			Telephone Number <i>414-278-2988</i>
Outfall Number (make reference to site map) <i>see below</i>	Description of Outfall (e.g., ditch, concrete pipe, grassed swale, etc.) <i>pvc pipes</i>		
Time of Rainfall Event <i>snow melt</i>	Time of Visual Inspection <i>12:45 pm</i>	Optional: Amount of Rainfall at the Time of Observation (nearest tenth of an inch)	

Describe your observations. An easy way to conduct this inspection is to use a glass jar to collect a sample of the storm water being discharged from the facility and visually inspect the water. Include any observations of color, odor, turbidity, floating solids, foam, oil sheen or any other visual indicators of storm water pollution and the probable sources of any observed storm water contamination.

Color:	<input type="checkbox"/> Clear	<input type="checkbox"/> Red	<input type="checkbox"/> Yellow	<input type="checkbox"/> Brown	<input type="checkbox"/> Other:
Odor:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Rotten Egg	<input type="checkbox"/> Other:
Clarity:	<input checked="" type="checkbox"/> Clear	<input type="checkbox"/> Cloudy	<input type="checkbox"/> Opaque	<input type="checkbox"/> Suspended Solids	<input type="checkbox"/> Other:
Floating:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Foam	<input type="checkbox"/> Garbage	<input type="checkbox"/> Oily Film	<input type="checkbox"/> Other:
Deposits / Stains:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Oily	<input type="checkbox"/> Sludge	<input type="checkbox"/> Sediments	<input type="checkbox"/> Other:

Comments:

Outfall
 10 - yellowish color (snow discolored)
 11 - clear
 12 - audible flow/ not visible (under snow)
 13 - flow audible, but not accessible
 (on locked gate)

This outfall could not be evaluated during this quarter due to the following reason:

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Use one form per outfall.

Quarterly Visual Inspections at each storm water discharge outfall on your site can be a valuable assessment tool and are required by the Tier 1 and Tier 2 Industrial Storm Water General Permits. This inspection should be performed when sufficient runoff occurs during daylight hours. Try to make observations within the first 30 minutes after runoff begins discharging from the outfall, or as soon as practical, but no later than 60 minutes. If you find visible pollution, note the probable source and list any possible Best Management Practices that could be used to reduce or eliminate the problem.

Make any necessary changes to your **Storm Water Pollution Prevention Plan** as needed.

Facility Name <i>North Shop</i>				
Street Address <i>6270 N. Hopkins</i>		City <i>Milwaukee</i>	State <i>Wi</i>	ZIP Code <i>53209</i>
Name of Person Conducting Inspection <i>J. Deter</i>			Inspection Date <i>10-14-14</i>	
Employer <i>Milwaukee County</i>			Telephone Number <i>414-278-2988</i>	
Outfall Number (make reference to site map) <i>see below</i>		Description of Outfall (e.g., ditch, concrete pipe, grassed swale, etc.)		
Time of Rainfall Event	Time of Visual Inspection <i>11:10</i>	Optional: Amount of Rainfall at the Time of Observation (nearest tenth of an inch) <i>0.05</i>		

Describe your observations. An easy way to conduct this inspection is to use a glass jar to collect a sample of the storm water being discharged from the facility and visually inspect the water. Include any observations of color, odor, turbidity, floating solids, foam, oil sheen or any other visual indicators of storm water pollution and the probable sources of any observed storm water contamination.

Color: Clear Red Yellow Brown Other:

Odor: None Musty Sewage Rotten Egg Other:

Clarity: Clear Cloudy Opaque Suspended Solids Other:

Foatables: None Foam Garbage Oily Film Other:

Deposits / Stains: None Oily Sludge Sediments Other:

Comments:

#1 barely any flow. looks fine

#2 cloudy, dirty, sediments = needs replacement

#3 slightly cloudy

This outfall could not be evaluated during this quarter due to the following reason:

This form is for your own use and should be kept as part of your Storm Water Pollution Prevention Plan. It does not have to be submitted to the Department unless requested. If false information from quarterly visual inspections is reported to the Department, you could be subject to penalties up to \$10,000 pursuant to s. 283.91(4), Wis. Stats.

Use one form per outfall.

Quarterly Visual Inspections at each storm water discharge outfall on your site can be a valuable assessment tool and are required by the Tier 1 and Tier 2 Industrial Storm Water General Permits. This inspection should be performed when sufficient runoff occurs during daylight hours. Try to make observations within the first 30 minutes after runoff begins discharging from the outfall, or as soon as practical, but no later than 60 minutes. If you find visible pollution, note the probable source and list any possible Best Management Practices that could be used to reduce or eliminate the problem.

Make any necessary changes to your Storm Water Pollution Prevention Plan as needed.

Facility Name <i>Noth Shop</i>				
Street Address <i>6270 N. Hopkins</i>		City <i>Milwaukee</i>	State <i>Wi</i>	ZIP Code <i>53209</i>
Name of Person Conducting Inspection <i>Jim Setzer</i>			Inspection Date <i>3-10-14</i>	
Employer <i>Milwaukee County</i>			Telephone Number <i>414-278-2988</i>	
Outfall Number (make reference to site map) <i>see below</i>		Description of Outfall (e.g., ditch, concrete pipe, grassed swale, etc.) <i>see below</i>		
Time of Rainfall Event <i>snow melt</i>	Time of Visual Inspection <i>1:45 pm</i>	Optional: Amount of Rainfall at the Time of Observation (nearest tenth of an inch)		

Describe your observations. An easy way to conduct this inspection is to use a glass jar to collect a sample of the storm water being discharged from the facility and visually inspect the water. Include any observations of color, odor, turbidity, floating solids, foam, oil sheen or any other visual indicators of storm water pollution and the probable sources of any observed storm water contamination.

Color:	<input type="checkbox"/> Clear	<input type="checkbox"/> Red	<input type="checkbox"/> Yellow	<input type="checkbox"/> Brown	<input type="checkbox"/> Other:	}
Odor:	<input type="checkbox"/> None	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Rotten Egg	<input type="checkbox"/> Other:	
Clarity:	<input type="checkbox"/> Clear	<input type="checkbox"/> Cloudy	<input type="checkbox"/> Opaque	<input type="checkbox"/> Suspended Solids	<input type="checkbox"/> Other:	
Floatables:	<input type="checkbox"/> None	<input type="checkbox"/> Foam	<input type="checkbox"/> Garbage	<input type="checkbox"/> Oily Film	<input type="checkbox"/> Other:	
Deposits / Stains:	<input type="checkbox"/> None	<input type="checkbox"/> Oily	<input type="checkbox"/> Sludge	<input type="checkbox"/> Sediments	<input type="checkbox"/> Other:	

see below

Comments:

Outfall

- #1 runoff / sheet flow from southern yard / storage area - no issues*
- #2 ditch off main yard - ditch in street main contributor to SW pollution - runoff was opaque, cloudy, with floatables. Recommend more frequent street sweeping of yard and relining ditches (better yet install catch basin and storm sewer pipe).*
- #3 north storage yard: opaque, cloudy, floatables, sludge and foam present -*

This outfall could not be evaluated during this quarter due to the following reason:

recommend inlet protection and better house keeping in area especially with trash bin adjacent to inlet

Milwaukee County Semi-annual Non-Storm Water Discharge Evaluation

Site: Highway - North Side
 Inspection Date: 9-24-14
 Inspection Personnel: Detjen / Quder

Visual inspections of the storm inlets and outfalls for non-stormwater discharges must be made during dry weather. For each outfall, the procedure is as follows:

- Check outfalls for flow.
- If there is flow, describe the flow (color, odor, sheen, rate, etc.)
- If there is flow, go upstream and check storm inlets.
- Document observations below.

	Flow observed		Description of flow and/or comments
	Yes	No	
Outfall 1		/	
Outfall 2	/		Flow coming from DPW yard (house)
Outfall 3	/	/	
Outfall 4			

*Report any issues to Manager or County Environmental Engineer.
 Submit completed inspection documentation to Manager and County Environmental Engineer.*

Annual Facility Site Compliance Inspection Report (AFSCI)

For Storm Water Discharge Associated With Industrial Activity Under
 Wisconsin Pollutant Discharge Elimination System (WPDES) Permit

Form 3400-176 (R 6/05)

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Notice: This form is authorized by s. NR 216.29(2), Wis. Adm. Code. Submittal of a completed form to the Department is mandatory for industrial facilities covered under a tier 1 storm water general permit. Facilities covered under a tier 1 permit are not required to submit AFSCI reports after submittal of the second AFSCI report, unless so directed by the department. However, these inspections and quarterly visual inspections shall still be conducted and results shall be kept on site for department inspection. Facilities covered under a tier 2 storm water general, industry-specific general or individual permit shall keep the results of their AFSCI and quarterly visual inspections on site for department inspection. Failure to comply with these regulations may result in fines up to \$25,000 per day pursuant to s. 283.91, Wis. Stats. Personally identifiable information on this form may be used for other water quality program purposes.

Facility Information

Facility Name <i>Highway - North Shop</i>				
Street Address <i>6270 N. Hopkins</i>		City <i>Milwaukee</i>	State <i>WI</i>	ZIP Code <i>53209</i>
County <i>Milwaukee County</i>		Facility Contact Person <i>Derwin Poltinger</i>		
Signature <i>[Signature]</i>				

This form must be signed by an official representative of the permitted facility, in accordance with s. 216.29(8), Wis. Adm. Code.

IF THIS FORM IS NOT SIGNED, OR IS FOUND TO BE INCOMPLETE, IT WILL BE RETURNED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Authorized Representative <i>[Signature]</i>		Date Signed <i>8-11-14</i>	
Type or Print Name <i>Tim Detzer</i>	Position Title <i>Managing Environmental Engineer</i>		
Company Name <i>Milwaukee County</i>		Telephone Number <i>414-278-2988</i>	
Mailing Address <i>2711 W. Wells #213</i>	City <i>Milwaukee</i>	State <i>WI</i>	ZIP Code <i>53208</i>

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The second level of storm water monitoring consists of quarterly visual observations of storm water leaving the site during runoff events caused by snow-melt or rainfall. This is a practical, low cost tool for identifying obvious contamination of storm water discharges, and can also help identify which practices are ineffective. The goal of quarterly inspections is to obtain results from a set of four inspections that are distributed as evenly as possible throughout the year and which depict runoff quality during each of the four seasons. This second level of monitoring is addressed in Section IV of this Annual Report.

DNR Use Only	
FIN	
FID	

Annual Facility Site Compliance Inspection Report (AFSCI)

Form 3400-176 (R 6/05)

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Annual Facility Site Compliance Inspection

The Annual Facility Site Compliance Inspection shall be adequate to verify that; your Storm Water Pollution Prevention Plan (SWPPP) remains current, potential pollution sources at your facility are identified, the facility site map and drainage map remain accurate, and Best Management Practices prescribed in your SWPPP are being implemented, properly operated, and adequately maintained.

Name of Person Conducting Inspection <i>Tim Detzer</i>	Inspection Date <i>8-11-14</i>
Employer <i>Milwaukee County</i>	Telephone Number <i>414-278-2988</i>

Your inspection should start with a review of your written SWPPP kept at your facility. The SWPPP should be amended if, through these inspections, you find that the provisions in your SWPPP are ineffective in controlling contaminated storm water from being discharged from your facility.

Has your SWPPP been updated to include current Non-Storm Water Discharge Evaluation results?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Has your SWPPP been amended for any new construction that would effect the site map or drainage conditions at the facility?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Has your SWPPP been amended for any changes in facility operations that could be identified as new source areas for contamination of storm water?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Are there any materials at the facility that are handled, stored, or disposed in a manner to allow exposure to storm water that are not currently addressed in your SWPPP?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Are there any maintenance or material handling activities conducted outdoors that have not been addressed in your SWPPP?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Are outside areas kept in a neat and orderly condition? <i>See comments</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Are regular housekeeping inspections made?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Do you see spots, pools, puddles, or other traces of oils, grease, or other chemicals on the ground?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Are particulates on the ground from industrial operations or processes being controlled? <i>See comments</i>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Do you see leaking equipment, pipes or containers?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Do drips, spills, or leaks occur when materials are being transferred from one source to another?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Are drips or leaks from equipment or machinery being controlled?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Are cleanup procedures used for spilled solids?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Are absorbent materials (floor dry, kitty litter, etc.) regularly used in certain areas to absorb spills?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Can you find discoloration, residue, or corrosion on the roof or around vents or pipes that ventilate or drain work areas?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Are Best Management Practices implemented to reduce or eliminate contamination of storm water from source areas at the facility? <i>See comments</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Are Best Management Practices adequately maintained?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Are there significant changes that will have to made to your SWPPP to correct any inadequacies that the plan may have to effectively control a discharge of contaminated storm water from your facility?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A

Comments:

Surface lots should be swept routinely, due to the amount of solids on site (from vehicles and in storage area on north side of site). An attempt should be made to keep solids in bins and out of catchbasin in storage yard. Inlet protection should be used on catch basin in storage yard. see next page →

Annual Facility Site Compliance Inspection Report (AFSCI)

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Mailing

Unless otherwise directed, mail this completed form to the DNR office listed by county as follows:

Northern Region Counties

Ashland	Lincoln	DNR Service Center
Barron	Oneida	1401 Tower Avenue
Bayfield	Polk	Superior, WI 54880
Burnett	Price	
Douglas	Rusk	Phone: (715) 392-7988
Florence	Sawyer	
Forest	Taylor	
Iron	Vilas	
Langlade	Washburn	

South Central Region Counties

Columbia	Jefferson	DNR South Central Region
Dane	LaFayette	3911 Fish Hatchery Road
Dodge	Richland	Fitchburg, WI 53711
Grant	Rock	
Green	Sauk	Phone: (608) 275-3266
Iowa		

Northeast Region Counties

Brown	Marquette	DNR Northeast Region
Calumet	Menomonee	PO Box 10448
Door	Oconto	Green Bay, WI 54307
Fond du Lac	Outagamie	
Green Lake	Shawano	Phone: (920) 662-5100
Kewaunee	Waupaca	
Manitowoc	Waushara	
Marinette	Winnebago	

Southeast Region Counties

Kenosha	Sheboygan	DNR Southeast Region
Milwaukee	Walworth	Stormwater Program
Ozaukee	Washington	2300 N Dr Martin Luther King Jr Dr
Racine	Waukesha	Milwaukee, WI 53212
		Phone: (414) 263-8500

West Central Region Counties

Adams	Marathon	DNR Service Center
Buffalo	Monroe	5301 Rib Mountain Road
Chippewa	Pepin	Wausau, WI 54401
Clark	Pierce	
Crawford	Portage	Phone: (715) 359-4522
Dunn	St. Croix	
Eau Claire	Trempealeau	
Jackson	Vernon	
Juneau	Wood	
La Crosse		