

Submittal of Annual Reports and Other Compliance Documents for Municipal Separate Storm Sewer System (MS4) Permits

NOTE: Missing or incomplete fields are highlighted at the bottom of each page. You may save, close and return to your draft permit as often as necessary to complete your application. After 120 days your draft is **deleted**.

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Form 3400-224(R8/2021)

Reporting Information :

Will you be completing the Annual Report or other submittal type? Annual Report Other

Project Name: 2022 Annual Report

County: Outagamie

Municipality: Appleton City

Permit Number: S050075

Facility Number: 31098

Reporting Year: 2022

Is this submittal also satisfying an Urban Nonpoint Source Grant funded deliverable? Yes No

Under s. 283.53(3)(a), a general MS4 permittee is required to reapply for permit coverage at least 180 days prior to the expiration date of the permit .

In order to acknowledge that you are reapplying for permit coverage, please check the following box:

Required Attachments and Supplemental Information

Please complete the contents of each tab to submit your MS4 permit compliance document. The information included in this checklist is necessary for a complete submittal. A complete and detailed submittal will help us review about your MS4 permit document. To help us make a decision in the shortest amount of time possible, the following information must be submitted:

Annual Report

- Review related web site and instructions for [Municipal storm water permit eReporting](#) [Exit Form]
- Complete all required fields on the annual report form and upload required attachments
- Attach the following other supporting documents as appropriate using the attachments tab above
 - Public Education and Outreach Annual Report Summary
 - Public Involvement and Participation Annual Report Summary

- Illicit Discharge Detection and Elimination Annual Report Summary
 - Construction Site Pollution Control Annual Report Summary
 - Post-Construction Storm Water Management Annual Report Summary
 - Pollution Prevention Annual Report Summary
 - Leaf and Yard Waste Management
 - Municipal Facility (BMP) Inspection Report
 - Municipal Property SWPPP
 - Municipally Property Inspection Report
 - Winter Road Maintenance
 - Storm Sewer Map Annual Report Attachment
 - Storm Water Quality Management Annual Report Attachment
 - TMDL Attachment
 - Storm Water Consortium/Group Report
 - Municipal Cooperation Attachment
 - Other Annual Report Attachment
- Attach the following permit compliance documents as appropriate using the attachments tab above
- Storm Water Management Program
 - Public Education and Outreach Program
 - Public Involvement and Participation Program
 - Illicit Discharge Detection and Elimination Program
 - Construction Site Pollutant Control Program
 - Post-Construction Storm Water Management Program
 - Pollution Prevention Program
 - Municipal Storm Water Management Facility (BMP) Inventory
 - Municipal Storm Water Management Facility (BMP) Inspection and Maintenance Plan
 - Total Maximum Daily Load documents (**if applicable, see permit for due dates.*)
 - TMDL Mapping*
 - TMDL Modeling*
 - TMDL Implementation Plan*
 - Fecal Coliform Screening Parameter *
 - Fecal Coliform Inventory and Map (*S050075-03 general permittees Appendix B B.5.2 – document due to the department by March 31, 2022*)
 - Fecal Coliform Source Elimination Plan (*S050075-03 general permittees Appendix B - document due to the department by October 31,2023*)
- Sign and Submit form

Municipal Contact Information- Complete

Notice: Pursuant to s. NR 216.07(8), Wis. Adm. Code, an owner or operator of a Municipal Separate Storm Sewer System (MS4) is required to submit an annual report to the Department of Natural Resources (Department) by March 31 of each year to report on activities for the previous calendar year ("reporting year"). This form is being provided by the Department for the user's convenience for reporting on activities undertaken in each reporting year of the permit term. Personal information collected will be used for administrative purposes and may be provided to the extent required by Wisconsin's Open Records Law [ss. 19.31-19.39, Wis. Stats.].

Note: Compliance items must be submitted using the Attachments tab.

Municipality Information

Name of Municipality Appleton City

Facility ID # or (FIN): 31098

Updated Information: Check to update mailing address information

Mailing Address: 100 North Appleton Street

Mailing Address 2:

City: Appleton City

State: WI

Zip Code: 54911 xxxxx or xxxxx-xxxx

Primary Municipal Contact Person (Authorized Representative for MS4 Permit)

The "Authorized Representative" or "Authorized Municipal Contact" includes the municipal official that was charged with compliance and oversight of the permit conditions, and has signature authority for submitting permit documents to the Department (i.e., Mayor, Municipal Administrator, Director of Public Works, City Engineer).

Select to **create new** primary contact

First Name: Danielle

Last Name: Block

Select to **update** current contact information

Title: DPW Director

Mailing Address: 100 N. Appleton Street

Mailing Address 2:

City: Appleton

State: WI

Zip Code: 54911 xxxxx or xxxxx-xxxx

Phone Number: 920-832-6474 Ext: xxx-xxx-xxxx

Email: danielle.block@appleton.org

Additional Contacts Information (Optional)

**Individual with responsibility for:
(Check all that apply)**

- I&E Program
- IDDE Program
- IDDE Response Procedure Manual
- Municipal-wide Water Quality Plan
- Ordinances
- Pollution Prevention Program
- Post-Construction Program
- Winter roadway maintenance

First Name:

Last Name:

Title:

Mailing Address:

Mailing Address 2:

City:

State:

Zip Code: xxxxx or xxxxx-xxxx

Phone Number: Ext: xxx-xxx-xxxx

Email:

Municipal Billing Contact Person (Authorized Representative for MS4 Permit)

Select to **create new** Billing contact

First Name:

Last Name:

Select to **update** current contact information

Title:

Mailing Address:

Mailing Address 2:

City:

State:

Zip Code: xxxxx or xxxxx-xxxx

Phone Number: Ext: xxx-xxx-xxxx

Email:

1. Does the municipality rely on another entity to satisfy some of the permit requirements?

Yes No

Public Education and Outreach Fox-Wolf Watershed Alliance and Northeast Wisconsin Stormwater Consortium

Public Involvement and Participation Fox-Wolf Watershed Alliance and Northeast Wisconsin Stormwater Consortium

Illicit Discharge Detection and Elimination Westwood Professional Services

Construction Site Pollutant Control

Post-Construction Storm Water Management raSmith and Brown and Caldwell

Pollution Prevention

2. Has there been any changes to the municipality's participation in group efforts towards permit compliances (i.e., the municipality has added or dropped consortium membership)?

Yes No

Missing Information

Do not close your work until you SAVE.

Note: For the minimum control measures, you must fill out all questions in sections 1 through 7.

Form 3400-224 (R8/2021)

Minimum Control Measures- Section 1 : Complete

1. Public Education and Outreach

- a. Does MS4 conduct any educational efforts or events independently (not with a group) Yes
 No
- b. How many total educational events were held during the reporting year:
- c. The permit requires that both passive and interactive mechanisms are utilized. How many interactive mechanisms were used during the reporting year?

Topics Covered	Target Audience
<input checked="" type="checkbox"/> Illicit discharge detection and elimination	<input checked="" type="checkbox"/> General Public
<input checked="" type="checkbox"/> Household hazardous waste disposal/pet waste management/vehicle washing	<input checked="" type="checkbox"/> Public Employees
<input checked="" type="checkbox"/> Yard waste management/pesticide and fertilizer application	<input checked="" type="checkbox"/> Residents
<input checked="" type="checkbox"/> Stream and shoreline management	<input checked="" type="checkbox"/> Businesses
<input checked="" type="checkbox"/> Residential infiltration	<input checked="" type="checkbox"/> Contractors
<input checked="" type="checkbox"/> Construction sites and post-construction storm water management	<input checked="" type="checkbox"/> Developers
<input checked="" type="checkbox"/> Pollution prevention	<input type="checkbox"/> Industries
<input checked="" type="checkbox"/> Green infrastructure/low impact development	<input type="checkbox"/> Public Officials
<input type="checkbox"/> Other: <input type="text"/>	<input type="checkbox"/> Other

- d. Will additional information/summary of education events be attached to the annual report? Yes
 No

If no, please provide additional comment in the brief explanation box below. *Limit response to 250 characters and/or attach supplemental information on the attachments page.*

Missing Information

Do not close your work until you SAVE.

Note: For the minimum control measures, you must fill out all questions in sections 1 through 7

Form 3400-224 (R8/2021)

Minimum Control Measures - Section 2 : Complete

2. Public Involvement and Participation

- a. Permit Activities. Complete the following information on Public Involvement and Participation Activities related to storm water. Select the Delivery Mechanism that best describes how the permit

activities were conveyed to your population. Use the Add Event to add additional entries.

Event Start Date	2/18/2022		
Project/Event Name	2021 Annual Report review by elected officials		
Delivery Mechanism	Government Event (Public Hearing, Council Meeting, etc)		
Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
<input checked="" type="checkbox"/> MS4 Annual Report <input type="checkbox"/> Storm Water Management Program <input type="checkbox"/> Storm Water related ordinance <input type="checkbox"/> Other: <input type="text"/>	<input checked="" type="checkbox"/> General Public <input type="checkbox"/> Public Employees <input type="checkbox"/> Residents <input type="checkbox"/> Businesses <input type="checkbox"/> Contractors <input type="checkbox"/> Developers <input type="checkbox"/> Industries <input checked="" type="checkbox"/> Public Officials <input type="checkbox"/> Other	11-50	<input type="radio"/> Yes <input checked="" type="radio"/> No
Event Start Date	7/22/2022		
Project/Event Name	Citywide SWMP update elected officials review		
Delivery Mechanism	Government Event (Public Hearing, Council Meeting, etc)		
Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
<input type="checkbox"/> MS4 Annual Report <input checked="" type="checkbox"/> Storm Water Management Program <input type="checkbox"/> Storm Water related ordinance <input type="checkbox"/> Other: <input type="text"/>	<input checked="" type="checkbox"/> General Public <input type="checkbox"/> Public Employees <input type="checkbox"/> Residents <input type="checkbox"/> Businesses <input type="checkbox"/> Contractors <input type="checkbox"/> Developers <input type="checkbox"/> Industries <input checked="" type="checkbox"/> Public Officials <input type="checkbox"/> Other	11-50	<input type="radio"/> Yes <input checked="" type="radio"/> No
Event Start Date	2/18/2022		
Project/Event Name	Post Construction Stormwater Ordinance update		
Delivery Mechanism	Government Event (Public Hearing, Council Meeting, etc)		
Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
<input type="checkbox"/> MS4 Annual Report <input type="checkbox"/> Storm Water Management Program <input checked="" type="checkbox"/> Storm Water related ordinance <input type="checkbox"/> Other: <input type="text"/>	<input checked="" type="checkbox"/> General Public <input type="checkbox"/> Public Employees <input type="checkbox"/> Residents <input type="checkbox"/> Businesses <input checked="" type="checkbox"/> Contractors <input checked="" type="checkbox"/> Developers <input type="checkbox"/> Industries <input checked="" type="checkbox"/> Public Officials <input type="checkbox"/> Other	11-50	<input type="radio"/> Yes <input checked="" type="radio"/> No
Event Start Date	10/7/2022		

Project/Event Name	Erosion Control ordinance and program updates		
Delivery Mechanism	Government Event (Public Hearing, Council Meeting, etc)		
Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
<input type="checkbox"/> MS4 Annual Report <input type="checkbox"/> Storm Water Management Program <input checked="" type="checkbox"/> Storm Water related ordinance <input type="checkbox"/> Other: <input type="text"/>	<input checked="" type="checkbox"/> General Public <input type="checkbox"/> Public Employees <input type="checkbox"/> Residents <input type="checkbox"/> Businesses <input checked="" type="checkbox"/> Contractors <input type="checkbox"/> Developers <input type="checkbox"/> Industries <input checked="" type="checkbox"/> Public Officials <input type="checkbox"/> Other	11-50	<input type="radio"/> Yes <input checked="" type="radio"/> No

b. Volunteer Activities. Complete the following information on Public Involvement and Participation Activities related to storm water. Select the Delivery Mechanism that best describes how volunteer activities were conveyed to your population. Use the Add Event to add additional entries.

Event Start Date	5/7/2022	<input type="checkbox"/> NA (Individual Permittee).	
Project/Event Name	Fox River Cleanup		
Delivery Mechanism	Clean up event		
Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
Volunteer Opportunity	<input checked="" type="checkbox"/> General Public <input type="checkbox"/> Public Employees <input type="checkbox"/> Residents <input type="checkbox"/> Businesses <input type="checkbox"/> Contractors <input type="checkbox"/> Developers <input type="checkbox"/> Industries <input type="checkbox"/> Public Officials <input type="checkbox"/> Other	101 +	<input checked="" type="radio"/> Yes <input type="radio"/> No

Event Start Date	11/10/2021	<input type="checkbox"/> NA (Individual Permittee).	
Project/Event Name	FWWA Chloride Monitoring		
Delivery Mechanism	Stream monitoring		
Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
Volunteer Opportunity	<input checked="" type="checkbox"/> General Public <input type="checkbox"/> Public Employees <input checked="" type="checkbox"/> Residents <input type="checkbox"/> Businesses	1 - 10	<input checked="" type="radio"/> Yes <input type="radio"/> No

- Contractors
- Developers
- Industries
- Public Officials
- Other

c. Brief explanation on Public Involvement and Participation reporting. *Limit response to 250 characters and/or attach supplemental information on the attachments page.*

Missing Information

Do not close your work until you **SAVE**.

Note: For the minimum control measures, you must fill out all questions in sections 1 through 7

Form 3400-224 (R8/2021)

Minimum Control Measures - Section 3 : Complete

3. Illicit Discharge Detection and Elimination

- | | | |
|---|-----|---------------------------------|
| a. How many total outfalls does the municipality have? | 347 | <input type="checkbox"/> Unsure |
| b. How many outfalls did the municipality evaluate as part of their routine ongoing field screening program? | 82 | <input type="checkbox"/> Unsure |
| c. From the municipality's routine screening, how many were confirmed illicit discharges? | 9 | <input type="checkbox"/> Unsure |
| d. How many illicit discharge complaints did the municipality receive? | 17 | <input type="checkbox"/> Unsure |
| e. From the complaints received, how many were confirmed illicit discharges? | 8 | <input type="checkbox"/> Unsure |
| f. How many of the identified illicit discharges did the municipality eliminate in the reporting year (from both routine screening and complaints)? | 10 | <input type="checkbox"/> Unsure |

(If the sum of 3.c. and 3.e. does not equal 3.f., please explain below.)

g. How many of the following enforcement mechanisms did the municipality use to enforce its illicit discharge ordinance? Check all that apply and enter the number of each used in the reporting year. Unsure

- | | |
|-------------------------------------|---|
| ☑ Verbal Warning | 9 |
| ☑ Written Warning (including email) | 0 |
| ☑ Notice of Violation | 8 |
| ☑ Civil Penalty/ Citation | 0 |

Additional Information: _____

h. Brief explanation on Illicit Discharge Detection and Elimination reporting. *If you marked Unsure for any questions above, justify the reasoning. Limit response to*

250 characters and/or attach supplemental information on the attachments page.

Program the same as previous years. Unresolved discharges are related to conductivity, which is difficult to track and remove.

Missing Information

Do not close your work until you **SAVE**.

Note: For the minimum control measures, you must fill out all questions in sections 1 through 7

Form 3400-224 (R8/2021)

Minimum Control Measures - Section 4 : Complete

4. Construction Site Pollutant Control

- a. How many total construction sites with one acre or more of land disturbing construction activity were active at any point in the reporting year? Unsure
- b. How many construction sites with one acre or more of land disturbing construction activity did the municipality issue permits for in the reporting year? Unsure
- c. How many erosion control inspections did the municipality complete in the reporting year (at sites with one acre or more of land disturbing construction activity)? Unsure
- d. What types of enforcement actions does the municipality have available to compel compliance with the regulatory mechanism? Check all that apply and enter the number of each used in the reporting year. Unsure
- | | |
|---|---------------------------------|
| <input type="checkbox"/> No Authority | |
| <input checked="" type="checkbox"/> Verbal Warning | <input type="text" value="64"/> |
| <input checked="" type="checkbox"/> Written Warning (including email) | <input type="text" value="25"/> |
| <input checked="" type="checkbox"/> Notice of Violation | <input type="text" value="1"/> |
| <input checked="" type="checkbox"/> Civil Penalty/ Citation | <input type="text" value="0"/> |
| <input checked="" type="checkbox"/> Stop Work Order | <input type="text" value="0"/> |
| <input type="checkbox"/> Forfeiture of Deposit | <input type="text"/> |
| <input type="checkbox"/> Other - Describe below | <input type="text"/> |
- e. Brief explanation on Construction Site Pollutant Control reporting . *If you marked Unsure for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page.*

A new Erosion Control Inspector started January 2022. Attended NEWSC and NASECA training. Due to staffing limits and large number of single family construction, revised ordinance and program to permit only sites disturbing one acre or more.

Missing Information

Note: For the minimum control measures, you must fill out all questions in sections 1 through 7

Minimum Control Measures - Section 5 : Complete

5. Post-Construction Storm Water Management

a. How many sites with new structural storm water management Best Management Practice (BMP) have received local approval ? Unsure

*Engineered and constructed systems that are designed to provide storm water quality control such as wet detention ponds, constructed wetlands, infiltration basins, grassed swales, permeable pavement,

b. Does the MS4 have procedures for inspecting and maintaining private storm water facilities? Yes No Unsure

c. If Yes, how many privately owned storm water management facilities were inspected in the reporting year ? Unsure
Inspections completed by private landowners should be included in the reported number.

d. Does the municipality utilize privately owned storm water management BMP in its pollutant reduction analysis? Yes No Unsure

e. If yes, does MS4 have maintenance authority on these privately owned BMPs? Unsure

f. How many municipally owned storm water management BMPs were inspected in the reporting year? Unsure

g. What types of enforcement actions does the municipality have available to compel compliance with the regulatory mechanism? Check all that apply and enter the number of each used in the reporting year. Unsure

- No Authority
- Verbal Warning
- Written Warning (including email)
- Notice of Violation
- Civil Penalty/ Citation
- Forfeiture of Deposit
- Complete Maintenance
- Bill Responsible Party
- Other - Describe below

e. Brief explanation on Post-Construction Storm Water Management reporting. *If marked 'Unsure' on any questions above, justify your reasoning. Limit your response to 250 characters and/or attach supplemental information on the attachments page.*

The verbal and written warnings are not tracked and the numbers reported are approximate.

Missing Information

Do not close your work until you **SAVE**.

Note: For the minimum control measures, you must fill out all questions in sections 1 through 7

Form 3400-224 (R8/2021)

Minimum Control Measures - Section 6 : Complete

6. Pollution Prevention

Storm Water Management Best Management Practice Inspections Not Applicable

- a. Enter the total number of municipally owned or operated structural storm water management best management practices. Unsure
- b. How many new municipally owned storm water management best management practices were installed in the reporting year? Unsure
- c. How many municipally owned storm water management best management practices were inspected in the reporting year? Unsure
- d. What elements are looked at during inspections (250 character limit)?

sediment depth, trash, bank stability, inlet and outlet structures and vegetation

- e. How many of these facilities required maintenance? Unsure
- f. Brief explanation on Storm Water Management Best Management Practice inspection reporting. *If you marked Unsure for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page.*

Inspection and maintenance programs are generally on schedule.

Public Works Yards & Other Municipally Owned Properties (SWPPP Plan Review) Not Applicable

- g. How many municipal properties require a SWPPP? Unsure
- h. How many inspections of municipal properties have been conducted in the reporting year? Unsure
- i. Have amendments to the SWPPPs been made?
 Yes No Unsure
- j. If yes, describe what changes have been made. Limit response to 250 characters and/or attach supplemental information on the attachment page:

- k. Brief explanation on Storm Water Pollution Prevention Plan reporting. *If you marked Unsure for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page.*

DPW provides inspection and plan updates for Facilities Department sites, including their main Operations site and Reid Golf Course Maintenance Area. Fire and Utilities Debts perform their own inspections and update their own plans.

Collection Services - *Street Sweeping / Cleaning Program* Not Applicable

- l. Did the municipality conduct street sweeping/cleaning during the reporting year?
 Yes No Unsure
- m. If known, how many tons of material was removed? Unsure
- n. Does the municipality have a low hazard exemption for this material? Yes No
- o. If street cleaning is identified as a storm water best management practice in the pollutant loading analysis, was street cleaning completed at the assumed frequency?
 Yes - Explain frequency 3 wks, 6 wks if pond, arterial collector 2 wks
 No - Explain _____
 Not Applicable

Collection Services - *Catch Basin Sump Cleaning Program* Not Applicable

- p. Did the municipality conduct catch basin sump cleaning during the reporting year? Yes No Unsure
- q. How many catch basin sumps were cleaned in the reporting year? Unsure
- r. If known, how many tons of material was collected? Unsure
- s. Does the municipality have a low hazard exemption for this material? Yes No
- t. If catch basin sump cleaning is identified as a storm water best management practice in the pollutant loading analysis, was cleaning completed at the assumed frequency?
 Yes- Explain frequency inspect measure sediment in all clean if needed
 No - Explain _____
 Not Applicable

Collection Services - *Leaf Collection Program* Not Applicable

- u. Does the municipality conduct curbside leaf collection? Yes No Unsure
- v. Does the municipality notify homeowners about pickup? Yes No Unsure
- w. Where are the residents directed to store the leaves for collection?
 Pile on terrace Pile in street Bags on terrace Unsure
 Other - Describe _____
- x. What is the frequency of collection?
4 rounds every 2 weeks
- y. Is collection followed by street sweeping/cleaning? Yes No Unsure
- z. Brief explanation on Collection Services reporting. *If you*

marked *Unsure* for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page

Built new equipment and implemented first phase of vacuum leaf collection.

Winter Road Management Not Applicable

*Note: We are requesting information that goes beyond the reporting year, answer the best you can.

aa. How many lane-miles of roadway is the municipality responsible for doing snow and ice control? (One mile of a two-way road equals two lane miles.) Unsure

ab. Provide amount of de-icing products used by month last winter season? Solids (tons) (ex. sand, or salt-sand)

Product	Oct	Nov	Dec	Jan	Feb	Mar
<u>Salt</u>	0	56	659	660	942	269

Liquids (gallons) (ex. brine)

	Oct	Nov	Dec	Jan	Feb	Mar
<u>Brine</u>	0	761	14910	14303	18874	4241
<u>Pre-wetting compound</u>	0	0	236	424	73	0

ac. Was salt applying machinery calibrated in the reporting year? Yes No Unsure

ad. Have municipal personnel attended salt reduction strategy training in the reporting year? Yes No Unsure

Training Date	Training Name	# Attendance
11/3/2022	NEWSC Salt Training	3
8/3/2022	Salt Wise	2
3/23/2022	Salt Wise	9

ae. Brief explanation on Winter Road Management reporting. If you marked *Unsure* for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page

Salt use on downward trend.

Internal (Staff) Education & Communication

af. Has the municipality provided an opportunity for internal training or education to staff implementing the municipality's procedures for each of the pollution prevention program element? Yes No Unsure

If yes, describe what training was provided (250 character limit):

components of MS4 permit, dept/division roles in meeting permit requirements, individual responsibilities, good housekeeping and spill response

When: August - November 2022

How many attended: 86

ag. Describe how the municipality has kept the following local officials and municipal

staff aware of the municipal storm water discharge permit programs, procedures and pollution prevention program requirements.

Elected Officials

Presentations to Utilities Committee as needed throughout the year

Municipal Officials

same as elected officials

Appropriate Staff (such as operators, Department heads, and those that interact with public)

Monthly staff and workgroup meetings

- a. Brief explanation on Internal Education reporting. *If you marked Unsure for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page.*

Missing Information

Do not close your work until you **SAVE**.

Note: For the minimum control measures, you must fill out all questions in sections 1 through 7

Form 3400-224 (R8/2021)

Minimum Control Measures - Section 7 : Complete

7. Storm Sewer System Map

- a. Did the municipality update their storm sewer map this year?

Yes No Unsure

If yes, check the areas the map items that got updated or changed:

- Storm water treatment facilities
 Storm pipes
 Vegetated swales
 Outfalls
 Other - Describe below

- b. Brief explanation on Storm Sewer System Map reporting. *If you marked Unsure for an question for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page.*

See attached list of updates per map.

Missing Information

Do not close your work until you SAVE.

Form 3400-224 (R8/2021)

Final Evaluation - Complete

Fiscal Analysis

Complete the fiscal analysis table provided below. For municipalities that do not break out funding into permit program elements, please enter the monetary amount to your best estimate of what funding may be going towards these programs.

Annual Expenditure Reporting Year	Budget Reporting Year	Budget Upcoming Year	Source of Funds
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Element: Public Education and Outreach

7,535	8,000	8,000	<u>Storm water utility</u>
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Element: Public Involvement and Participation

4,941	5,000	5,000	<u>Storm water utility</u>
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Element: Illicit Discharge Detection and Elimination

16,465	20,000	20,000	<u>Storm water utility</u>
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Element: Construction Site Pollutant Control

86,040	108,850	102,678	<u>Storm water utility</u>
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Element: Post-Construction Storm Water Management

135,175	100,000	125,000	<u>Storm water utility</u>
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Element: Pollution Prevention

1,569,212	1,564,840	1,774,608	<u>Storm water utility</u>
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Other (describe)

Mapping, Annual Report, DNR fee			
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12,600	12,600	12,600	<u>Storm water utility</u>
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Please provide a justification for a "0" entered in the Fiscal Analysis. *Limit response to 250 characters.*

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Water Quality

a: Were there any known water quality improvements in the receiving waters to which the

municipality's storm sewer system directly discharges to?

Yes No Unsure If Yes, explain below:

4 new sump structures installed in reconstruction area

b: Were there any known water quality degradation in the receiving waters to which the municipality's storm sewer system directly discharges to?

Yes No Unsure If Yes, explain below:

c: Have any of the receiving waters that the municipality discharges to been added to the impaired waters list during the reporting year?

Yes No Unsure

d: Has the municipality evaluated their storm water practices to reduce the pollutants of concern?

Yes No Unsure

Storm Water Quality Management

a. Has the municipality completed or updated modeling in the reporting year (relating to developed urban area performance standards of s. NR 151.13(2)(b)1., Wis. Adm. Code)? Yes No

b. If yes, enter percent reduction in the annual average mass discharging from the entire MS4 to surface waters of the state as compared to implementing no storm water management controls:

Total suspended solids (TSS)

Total phosphorus (TP)

Status of Total Maximum Daily Loads (TMDLs) Implementation

The permittee Appleton City is subject to the following approved TMDLs: Lower Fox River Basin and Lower Green Bay; Upper Fox and Wolf River Basin

The permittee intends to comply with the following permit requirements to show progress towards meeting the TMDL:

[A.3.1] The Permittee is following the TMDL Compliance Plan, which received department concurrence prior to April 30, 2019.

The permittee is confirming that all planned efforts are on schedule.

Agree Disagree

[A.6.3] Final Documentation.

The permittee is confirming that all planned efforts are on schedule to submit the final documentation materials [updates to mapping, modeling, tabular summary, and Implementation Plan] under section A.6.3 by October 31, 2023.

Agree Disagree

[C.3-4] The Permittee is confirming that all planned efforts are on schedule to meet requirements due to the department.

- For an Adaptive Management project, a plan is required within 36 months of the TMDL approval date.
- For TMDL Implementation, updates to mapping, modeling, tabular summary, and Implementation Plan documents are required within 48 months of the TMDL approval date.)

Agree Disagree

Additional Information

Based on the municipality's storm water program evaluation, describe any proposed changes to the municipality's storm water program. *If your response exceeds the 250 character limit, attach supplemental information on the attachments page.*

Updated Citywide SWMP approved in September 2022 with most implementation beginning in 2023. Updated Post-construction ordinance requiring TSS and TP removal per the TMDL reached effective August 1, 2022.

Do not close your work until you SAVE.

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Form 3400-224 (R8/2021)

Requests for Assistance on Understanding Permit Programs

Would the municipality like the Department to contact them about providing more information on understanding any of the Municipal Separate Storm Sewer Permit programs?

Please select all that apply:

- Public Education and Outreach
- Public Involvement and Participation
- Illicit Discharge Detection and Elimination
- Construction Site Pollutant Control
- Post-Construction Storm Water Management
- Pollution Prevention
- Storm Water Quality Management
- Storm Sewer System Map
- Water Quality Concerns
- Compliance Schedule Items Due
- MS4 Program Evaluation

Do not close your work until you **SAVE**.

Form 3400-224(R8/2021)

Required Attachments and Supplemental Information

Any other MS4 program information for inclusion in the Annual Report may be attached on here. Use the Add Additional Attachments to add multiple documents.

Upload Required Attachments (15 MB per file limit) - [Help reduce file size and trouble shoot file uploads](#)

*Required Item

Note: To replace an existing file, use the 'Click here to attach file ' link or press the to delete an item.

Storm Sewer System Map

 File Attachment

[Mapchanges1.pdf](#)

Attach - Other Supporting Documents

AR Other

 File Attachment

[DNRMap1.pdf](#)

AR IDDE

 File Attachment

[AppletonSummaryReport2022Reduced.pdf](#)

AR EO

 File Attachment

[2022CompletedIEActivitiesforannualreport.pdf](#)

AR SWGroupReport

 File Attachment

[2022NEWSCAnnualReport1.pdf](#)

AR IP

 File Attachment

[2022PublicParticipationcompletedactivities.pdf](#)

AR Other

 File Attachment

[DNRMap2.pdf](#)

AR Other

 File Attachment

[DNRMap3.pdf](#)

(To remove items, use your cursor to hover over the attachment section. When the drop down arrow appears, select remove item)

Attach - Permit Compliance Documents

(To remove items, use your cursor to hover over the attachment section. When the drop down arrow appears, select remove item)

Missing Information

Draft and Share PDF Report with the permittee's governing body or delegated representatives.

Press the button below to create a PDF. The PDF will be sent to the email address associated with the WAMS ID that is signed in. After the annual report has been reviewed by the governing body or delegated representative, return to the MS4 eReporting System to submit the final report to the DNR.

[Draft and Share PDF Report](#)

Sign and Submit Your Application

Steps to Complete the signature process

1. Read and Accept the Terms and Conditions
2. Press the Submit and Send to the DNR button

NOTE: For security purposes all email correspondence will be sent to the address you used when registering your WAMS ID. This may be a different email than that provided in the application. For information on your WAMS account click [HERE](#).

Terms and Conditions

Certification: I hereby certify that I am an authorized representative of the municipality covered under Appleton City MS4 Permit for which this annual report or other compliance document is being submitted, and that the information contained in this submittal and all attachments were gathered and prepared under my direction or supervision. Based on my inquiry of the person or persons under my direction or supervision involved in the preparation of this document, to the best of my knowledge, the information is true, accurate, and complete. I further certify that the municipality's governing body or delegated representatives have reviewed or been apprised of the contents of this annual report. I understand that Wisconsin law provides severe penalties for submitting false information.

Signee (must check current role prior to accepting terms and conditions)

- Authorized municipal contact using WAMS ID.
- Delegation of Signature Authority (Form 3400-220) for agent signing on the behalf of the authorized municipal contact.
- Agent seeking to share this item with authorized municipal contact (authorized municipal contact must get WAMS id and complete signature).

Name:

Title:

Authorized Signature.

- I accept the above terms and conditions.

After providing the final authorized signature, the system will send an email to the authorized party and any agents. This email will include a copy to the final read only version of this application.

2022 CITY OF APPLETON PUBLIC EDUCATION AND OUTREACH PLAN

	TOPIC	TARGET AUDIENCE	PLANNED ACTIVITY	MECHANISM		PRIMARY LEAD		COMPLETED ACTIVITY
				ACTIVE	PASSIVE	CITY	NEWSC	
1	1. Promote detection and elimination of illicit discharges and water quality impacts associated with such discharges from municipal separate storm sewer system.	1. Residents 2. City staff - Facilities/Park&Rec 3. Businesses 4. Students	2. DPW Newsletter		X	X		Mailed March 2022
2			10. One-on-one communication	X		X		Throughout the year by Inspections Division
3			11. NEWSC Exhibiting	X			X	See NEWSC Report
4			6. Credit Policy Pledge Supporter		X			10 Pledge Supporters
5			14. Citizens Academy Presentation					Citizens Academy no longer held
6			13. Group Training					
7			10. One-on-One communication	X		X		Throughout the year by Inspections Division
8			14. NEWSC school presentations	X			X	See NEWSC Report
9								1
10								
1	2. Inform and educate the public about the proper management of materials that may cause stormwater pollution from sources including automobiles, pet waste, household hazardous waste and household practices.	1. Residents 2. Students	2. DPW Newsletter		X	X		Mailed March 2022
2			11. NEWSC Exhibiting	X			X	Throughout the year by Inspections Division
3			3. NEWSC Posters		X		X	Located in various park bathrooms and on park fences
4			6. Credit Policy Pledge Supporter		X		X	10 Pledge Supporters
5			14. NEWSC school presentations	X			X	See NEWSC Report
6			15. Summer Camp					Summer Camp is no longer part of programming
7						1		
8								
9	3. Promote beneficial onsite reuse of leaves and grass clippings and proper use use of lawn and garden fertilizers and pesticides.	1. Residents 2. Students	2. City DPW newsletter		X	X		Mailed March 2022
1			3. NEWSC posters		X		X	Located in various park bathrooms and on park fences
2			6. Stormwater Credit Policy Pledge Supporter		X		X	10 Pledge Supporters
3			11. NEWSC Exhibiting	X			X	See NEWSC report
4			15. Summer Camp					Summer Camp is no longer part of programming
5			14. NEWSC school presentations	X			X	See NEWSC Report
6						1		
7								
8	4. Promote the management of streambanks and shorelines by riparian landowners to minimize erosion and restore and enhance the ecological value of waterways.	1. Residents 2. Students	16. River cleanup	X			X	Sponsored at \$2,500 See NEWSC report
1			14. NEWSC school presentation	X			X	See NEWSC report
2			15. Summer Camp					Summer Camp is no longer part of programming
3								1
4								
5	5. Promote infiltration of residential stormwater runoff from rooftop downspouts, driveways, and sidewalks.	1. Residents 2. Students	6. Stormwater Credit Policy Pledge Supporter		X	X		10 Pledge Supporters
1			14. Citizens Academy Presentation					Citizens Academy no longer held
2			14. NEWSC school presentation	X			X	See NEWSC report
3								1
4								
5								
6								
7								
8								
9								
10								

Topics	Year													
	2019		2020		2021		2022		2023					
	Active	Passive	Active	Passive	Active	Passive	Active	Passive	Active	Passive				
1. IDDE	4	2	2	2	5	2	4	2						
2. HHH, Pets, Vehicles, etc	3	3	2	3	3	3	2	3						
3. Yard Waste, Pesticide, Fertilizer	3	3	1	3	2	3	2	3						
4. Stream and Shoreline	3	0	2	0	2	0	2	0						
5. Residential Infiltration	0	1	0	1	0	1	1	1						
6. ESC and Post Construction	4	0	4	0	4	0	4	0						
7. Pollution Prevention	0	1	0	0	0	1	1	2						
8. Green Infrastructure/Low Impact	3	0	3	0	3	0	3	0						
Totals	20	10	14	9	19	10	19	11	0	0				

SECTION 2.2 PUBLIC INVOLVEMENT AND PARTICIPATION

ACTIVITY	2022	2022 Completed	
Annual Report Due to WDNR March 31 each year	Target Participants: General Public Elected Officials Delivery Mechanism: Committee agenda on website Utilities Committee meeting Common Council meeting Date: March	February 18, 2022 February 22, 2022 March 1, 2022	
Stormwater Management Program Proposed City-wide Plan Update in 2020-2021	Target Participants: General Public Elected Officials Delivery Mechanism: Committee agenda on website Utilities Committee Presentation Utilities Committee Action Item Common Council meeting Date: once per year	July 22, 2022 July 26, 2022 (by consultant) August 23, 2022 August 3 and September 7, 2022	
Ordinance Updates Erosion and Sediment Control Illicit Discharges Post-Construction Stormwater Management	Target Participants: General Public Elected Officials Design Consultants Developers Contractors Delivery Mechanism: Committee agenda on website Utilities Committee Action Item Common Council meeting Date: As needed	Post-construction ordinance added TMDL February 18, 2022 February 22, 2022 March 1, 2022 and March 16, 2021	Erosion Control Program and Ordinance October 7, 2022 October 11, 2022 October 19 and November 2, 2022
Volunteer Activity	Target Participants: General Public City Staff Delivery Mechanism: Sponsor FWWA Cleanup Post Sign-up for City staff Date: Spring	Sponsored at \$2500 level May 7, 2022	



Northeast Wisconsin Stormwater Consortium
PO Box 1861
Appleton, WI 54912

2022 Annual Report

NEWSC Mission:

To facilitate efficient implementation of stormwater programs locally and regionally that will meet DNR and EPA regulatory requirements and maximize the benefit of stormwater activities to the watershed by:

- **Fostering partnerships**
- **Sharing Information**
- **Seeking Administrative Efficiency**
- **Pooling Financial Resources**

The Northeast Wisconsin Stormwater Consortium was formed in 2005 as a subsidiary of the Fox-Wolf Watershed Alliance. The consortium is a collaborative of members with leadership elected annually from within its membership.

2022 NEWSC Members:

[Brown County](#)

[Calumet County](#)

[Fond du Lac County](#)

[Outagamie County](#)

[Winnebago County](#)

[City of Appleton](#)

[City of De Pere](#)

[City of Fond du Lac](#)

[City of Green Bay](#)

[City of Kaukauna](#)

[City of Manitowoc](#)

[City of Marinette](#)

[City of Menasha](#)

[City of Neenah](#)

[City of Oshkosh](#)

[City of Two Rivers](#)

[Town of Algoma](#)

[Town of Black Wolf](#)

[Town of Buchanan](#)

[Town of Clayton](#)

[Town of Fond du Lac](#)

[Town of Friendship](#)

[Town of Grand Chute](#)

[Town of Lawrence](#)

[Town of Ledgeview](#)

[Town of Neenah](#)

[Town of Omro](#)

[Town of Scott](#)

[Town of Taycheedah](#)

[Town of Vinland](#)

[University of WI – Oshkosh](#)

[Village of Allouez](#)

[Village of Ashwaubenon](#)

[Village of Bellevue](#)

[Village of Combined Locks](#)

[Village of Eden](#)

[Village of Fox Crossing](#)

[Village of Greenville](#)

[Village of Harrison](#)

[Village of Hobart](#)

[Village of Howard](#)

[Village of Kimberly](#)

[Village of Little Chute](#)

[Village of N. Fond du Lac](#)

[Village of Sherwood](#)

[Village of Suamico](#)

[AECOM](#)

[Ayres Associates](#)

[Brown & Caldwell](#)

[Cedar Corporation](#)

[Contech Construction](#)

[County Materials](#)

[Davel Engineering](#)

[Graef, USA](#)

[Mach IV Engineering & Surveying](#)

[Martenson & Eisele](#)

[Mau & Associates](#)

[McMAHON Group](#)

[Mead & Hunt](#)

[MSA Professional Services](#)

[raSmith](#)

[Robert E. Lee Associates](#)

[Ruekert & Mielke](#)

[Westwood Professional Services](#)

Northeast Wisconsin Stormwater Consortium

Fostering Partnerships • Sharing Information • Administrative Efficiency • Pooling Financial Resources



NEWSC Resources Available to Members:

*If Members utilized these resources to provide education to their residents, elected officials or staff, members should include details of how they were used in their individual annual reports.

*For outreach efforts conducted by NEWSC that members can enter directly into their individual annual report, look for your community name in each section.

MCM #2 Public Education & Outreach

Topic #1: Illicit Discharge Detection & Elimination

The resources below were created by NEWSC and are available for NEWSC members to print and mail out to local businesses, share on social media or have available to residents by printing and displayed at the office or other public venue.

If used in the in the manner above: Delivery Mechanism would be passive.

Carpet Cleaning Flyer	http://www.renewourwaters.org/wp-content/uploads/2015/04/Professional-Carpet-Cleaning.pdf
Greenhouses, Garden Centers & Nurseries Flyer	http://www.renewourwaters.org/wp-content/uploads/2015/04/Garden-Centers.pdf
Professional Power Washing Flyer	http://www.renewourwaters.org/wp-content/uploads/2015/04/Power-washing-for-the-professional-washer.pdf
Concrete Washout Flyer	http://www.renewourwaters.org/wp-content/uploads/2015/04/Concrete-Washout.pdf
Construction Site Erosion & Sediment Control	http://www.renewourwaters.org/wp-content/uploads/2019/07/Construction-BMPs-Erosion-Sediment-Control.pdf
Dumpster Management Flyer	http://www.renewourwaters.org/wp-content/uploads/2015/04/Dumpster-Management-bilingual-pamphlet.pdf
Dumpster Management Poster	https://drive.google.com/file/d/1736Sg155_XWFND0kH4nHq1MQowgiuD8_/view?usp=sharing
Parking Lot Maintenance Flyer	http://www.renewourwaters.org/wp-content/uploads/2015/04/Parking-Lot-BMP.pdf
Winter Parking Lot Maintenance Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/11/Parking-Lot-Maintenance-Winter-BMPs.pdf

***Did you have inspectors in your community stop by businesses this year? Did they do illicit discharge inspections and meet with area businesses about illicit discharge? If so, you can record those interactions as active outreach.**



NEWSC Active Delivery on Behalf of Members: Volunteer Event - Annual Watershed Cleanup

Fox-Wolf Watershed Alliance continues to add sites every year. If your community would like a site added for 2023, contact Kelly (Kelly@fwwa.org). Sites should have public access. Communities are asked to provide a site leader for the 1st year.

Municipality	Number of Volunteers
Allouez	48
Appleton	206
Bellevue	6
Brown County	80
Calumet County	38
Combined Locks	32
De Pere	39
Fond du Lac	70
Grand Chute	13
Green Bay	110
Hortonville	35
Howard	13
Kaukauna	82
Kimberly	48
Ledgeview	17
Little Chute	31
Menasha	179
Neenah	33
Municipality	Number of Volunteers

Totals:

Volunteers: 1,617 | Trash Bags: 958 | Tires: 66 | Electronics: 35

Plastic bags: 2,701 | Syringes: 105 | Straws: 1,051 | Recycle bags: 224

Total Weight: 8,429 pounds





New London	62
Oshkosh	307
Outagamie County	15
Sherwood	39
Vinland	30
Winnebago County	57
Winneconne	27

2.1.1

Topic #2: Household Hazardous Waste Disposal/Pet Waste Management/Vehicle Washing

The resources below were created by NEWSC and are available for NEWSC members to print and mail out to local businesses, share on social media or have available to residents by printing and displayed at the office or other public venue.

If used in the in the manner above: Delivery Mechanism would be passive.

Household Hazardous Waste Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/Household-Hazardous-Waste.pdf
Carpet Cleaning Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/carpet-cleaning.pdf
Kids Can Help Too Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/Kids-can-help-too.pdf
Good Dog, Good Owner Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/Good-Dog-Good-Owner.pdf
Power Washing Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/Power-Washing-Home.pdf
Fish Don't Swim in Chlorine Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/Pool-Spa-Discharge.pdf
Vehicle Maintenance Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/Vehicle-Maintenance.pdf
Vehicle Maintenance Webpage	http://www.renewourwaters.org/vehicle-maintenance-2/
Kids Can Help Too Webpage	http://www.renewourwaters.org/kids-can-help-too-3/
Household Hazardous Waste Webpage	http://www.renewourwaters.org/household-hazardous-waste-3/
Power Washing Webpage	http://www.renewourwaters.org/power-washing/
Fish Don't Swim in Chlorine Webpage	http://www.renewourwaters.org/pools-and-spas/
Carpet Cleaning Webpage	http://www.renewourwaters.org/carpet-cleaning-2/
Good Dog, Good Owner Webpage	http://www.renewourwaters.com/our-pets-our-waters/



Good Dog, Good Owner Infographic	http://www.renewourwaters.org/wp-content/uploads/2019/07/Good-Dog-Good-Owner-Web-Ready.png
Car Washing Infographic	http://www.renewourwaters.org/wp-content/uploads/2019/07/Car-on-GrassSM.jpg

***Did you exhibit or do any community presentations that hit on these topics? If so, you can record those interactions as active outreach.**

NEWSC Passive and Active Delivery for this topic can be found at the end of the report.

2.1.1

Topic #3: Yard Waste Management/Pesticide and Fertilizer Application

The resources below were created by NEWSC and are available for NEWSC members to print and mail out to local businesses, share on social media or have available to residents by printing and displayed at the office or other public venue.

If used in the in the manner above: Delivery Mechanism would be passive.

Leave Your Leaves on Land Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/Leave-Your-Leaves-on-Land.pdf
The Perfect Lawn Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/The-Perfect-Lawn.pdf
Perfect Landscape Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/The-Pefect-Landscape-7.9.19.pdf
Ice & Snow Control flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/Leave-Your-Leaves-on-Land.pdf
Kids Can Help Too Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/Kids-can-help-too.pdf
Leave Your Leaves on Land Webpage	http://www.renewourwaters.org/leave-your-leaves-on-land/
The Perfect Lawn Webpage	http://www.renewourwaters.org/the-perfect-lawn-3/
Perfect Landscape Webpage	http://www.renewourwaters.org/the-perfect-landscape/
Ice & Snow Control Webpage	http://www.renewourwaters.org/ice-and-snow-control-3/
Kids Can Help Too Webpage	http://www.renewourwaters.org/kids-can-help-too-3/
Ice & Snow Control Infographic	http://www.renewourwaters.org/wp-content/uploads/2019/07/Ice-and-snow-removal-photo.jpg
Leave Your Leaves on Land Infographic	http://www.renewourwaters.org/wp-content/uploads/2019/07/leaf-collection.jpg
Sweep Grass Clippings Infographic	http://www.renewourwaters.org/wp-content/uploads/2019/07/grassclippingsROW.jpg

***Did you exhibit or do any community presentations that hit on these topics? If so, you can record those interactions as active outreach.**

NEWSC Passive and Active Delivery for this topic can be found at the end of this report.



2.1.1

Topic #4: Stream and Shoreline Management

The resources below were created by NEWSC and are available for NEWSC members to print and mail out to local businesses, share on social media or have available to residents by printing and displayed at the office or other public venue.

If used in the in the manner above: Delivery Mechanism would be passive.

Restore Your Shore Flyer	https://drive.google.com/file/d/1Qcel0qumtuyfu204Qg9kMFa1BSZjb4DA/view?usp=sharing
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***Did you meet with homeowners to educate them on streambank erosion and BMPs to reduce erosion? You can record these discussions as active outreach.**

2.1.1

Topic #5: Residential Infiltration

The resources below were created by NEWSC and are available for NEWSC members to print and mail out to local businesses, share on social media or have available to residents by printing and displayed at the office or other public venue.

If used in the in the manner above: Delivery Mechanism would be passive.

Rain Barrel Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/04/Rain-Barrels-Handout.pdf
The Perfect Landscape Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/The-Pefect-Landscape-7.9.19.pdf
The Perfect Landscape Webpage	http://www.renewourwaters.org/the-perfect-landscape/
Rain Barrel Webpage	http://www.renewourwaters.org/rain-barrels/
Grass Clippings Infographic	http://www.renewourwaters.org/wp-content/uploads/2019/07/grassclippingsROW.jpg

***Did you host a rain barrel workshop? If so, claim active outreach for this topic.**

2.1.1

Topic #6: Construction Sites/Post Construction Stormwater Management

The resources below were created by NEWSC and are available for NEWSC members to print and mail out to local businesses, share on social media or have available to residents by printing and displayed at the office or other public venue.

If used in the manner above: Delivery Mechanism would be passive.



Northeast Wisconsin Stormwater Consortium

PO Box 1861

Appleton, WI 54912

Stormwater & the Construction Industry Poster	http://www.renewourwaters.org/wp-content/uploads/2019/07/Construction-BMPs-Erosion-Sediment-Control.pdf
Erosion & Sediment Control Pocket Field Guide	https://drive.google.com/file/d/1TBtgl61znizXDZyLoDRVRVNhxThD40kH/view?usp=sharing

***Did you have active discussions regarding construction site erosion control? If you used these materials or other educational materials and had meetings/trainings (even 1 on 1 meetings with builders/contractors/inspectors) then you can record that interaction as an active outreach. These training may have included the NEWSC Excal Video below.**

Excal Visual Videos on Pollution Prevention available for member checkout in 2022:

<p>“Ground Control” – Stormwater for Construction BMPs</p> <p>This employee training kit is designed to show employees how erosion, sediments and other potential surface water pollutants are controlled at construction sites. The program focuses on Best Management Practices (BMPs) that are widely used at most construction sites including: silt fence, stabilized entrances/exits, drop inlet protectors and others. The program illustrates how these BMPs work and how they can fail. (14 minutes)</p> <p>Click here to preview from Excal Visual’s site:</p> <p>https://www.excalvisual.com/ground-control-extended-preview</p>
--

BMP Master List

The purpose of the Stormwater Quality Management BMP master list is to allow MS4 and Public Works managers to easily search available stormwater and erosion control BMPs based on target pollutants, WDNR Technical Standards, and keywords. The master list provides insight into the benefits and limitations of each BMP, allowing the user to have a brief understanding of each device to help guide decision making when implementing or reviewing projects. The spreadsheet can be found on the NEWSC member resources page on newsc.org and [HERE](#).

Model Ordinance Reference Guides

NEWSC’s Construction Site Erosion Control Reference Guide and Post-Construction Pollution Control Reference Guide – the companion documents to NEWSC’s model ordinances – have been updated and are available for member use. The documents can be found on the NEWSC member resources page on newsc.org.

Northeast Wisconsin Stormwater Consortium

Fostering Partnerships • Sharing Information • Administrative Efficiency • Pooling Financial Resources



2.1.1

Topic #7: Pollution Prevention

The resources below were created by NEWSC and are available for NEWSC members to print and post by time clocks for training municipal staff. If used in the in the manner above: Delivery Mechanism would be passive.

Fleet Maintenance	https://drive.google.com/file/d/1fIRY40S5nhHZU_7clwGTHtDfwglt7wbu/view?usp=sharing
Land Disturbances	https://drive.google.com/file/d/1VujZccTojAWZhjVcp4e6A9HytWjVAkGu/view?usp=sharing
Materials Storage and Spill Cleanup	https://drive.google.com/file/d/1J_2_SuMYXwmOsqdpdIIINR_0klJ3qKMmu/view?usp=sharing
Parks and Ground Maintenance	https://drive.google.com/file/d/14r436EKrJM44x_iPgioWXFrspmqbTVAg/view?usp=sharing
Solid Waste Operations	https://drive.google.com/file/d/1r2gimtAsRanIpxSCevFntWMJwI5Z5tMS/view?usp=sharing
Streets and Drainage Maintenance	https://drive.google.com/file/d/1KtikoiyMCIPVBhv5VOhYERUIrH52NFXo/view?usp=sharing

***Did you have active pollution prevention trainings? If you used these materials or other educational materials and had meetings/trainings, then you can record that interaction as an active outreach. These training may have included the NEWSC Excal Videos below.**

Excal Visual Videos on Pollution Prevention available for member checkout in 2022:

<p>"Rain Check" - Stormwater Pollution Prevention for MS4s Regulated municipalities and other municipal separate storm sewer system (MS4) operators must prevent pollutants from entering their storm drainage systems. One element of this requirement is preventing stormwater pollution by municipal facilities such as fleet maintenance shops, bus barns, sanitation facilities, parks and street sweeping operations. This program shows employees how to practice good housekeeping, spill response, materials management, vehicle fueling and washing and the other BMPs profiled in the "National Menu". {Program versions run between: 19 -and up to- 31 minutes)</p>	<p>"Storm Warnings" - Stormwater Pollution Prevention This training kit is designed to provide general awareness training to employees and contractors about stormwater pollution prevention. It describes Best Management Practices (BMPs) that are useful and important at a wide range of regulated facilities. It covers good housekeeping and other BMPs that help protect stormwater run-off. The kit includes a template to guide the trainer through creating site specific training to use in addition to the general training in the video. (18 minutes) Click here to preview from Excal Visual's site:</p>
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Click here to preview from Excal Visual's site:

<https://www.excalvisual.com/swrc-extended-preview>

<https://www.excalvisual.com/storm-warning-extended-preview>

2.1.1

Topic #8: Green Infrastructure/Low Impact Development

NEWSC will be gathering resources for members to use going forward in 2023.

***Did you have active discussions with elected officials or developers about low impact residential design? If you had meetings/trainings or provided presentations on the topic, then you can record that interaction as an active outreach.**

2022 Workshops, Trainings, and Presentations

IDDE Webinar & Outfall Inspection Training

NEWSC presented a webinar to provide background and examples of illicit discharge detection and elimination programs. It also featured a training video meant to familiarize MS4 inspectors with several different types of outfalls and the data collection and sampling procedures used during field screening. A recording of the full training webinar can be found on the NEWSC member resources page and [HERE](#). The outfall inspection training video can also be found on the member resources page and on [YouTube](#).



Erosion Control Training

NEWSC hosted an erosion control training to teach environmental impacts and regulatory requirements for erosion and sediment control; proper techniques to install, inspect, and BMP maintenance; and site plan examples. The audience included contractors, homebuilders, municipal inspectors, and others associated with land disturbing construction activity. The workshop presentation can be found [HERE](#) on the member resources page and on [YouTube](#).

Erosion Control Workshop - Full Day	Course ID: 22520	March 29, 2022	Attendees
Calaway, Alex	Grefe, Rich	Lopez, Jasmine	Schneider, DJ
DeBruin, Tyler	Hammen, ethan	Malzahn, Adam	Sehrbrock, Richard W.
Drzewiecki, Jack	Hartjes, Brad	Masiarchin, Erich	Seidler, Jaymes
Dyb, Austin	Jalonen, Brent	Mayhew, Carol	Seymour, Scott
Ebben, Claire	Jandrey, Dennis	Meddaugh, Ethan	St Juliana, Leno
Faust, Dan	Keen, Justin	Morman, Michael	Stone, Riley
Feiner, Jack	Kerkman, Randy	Myers, Chelsea	Sweat, Aaron
Fetters, Peter	Kiesow, Kevin	Omernik, Scott	Woida, Taylor



Northeast Wisconsin Stormwater Consortium

PO Box 1861

Appleton, WI 54912

Gerbers, Robert	Klaske, Curt	Racine, Elisabeth	Yoder, Devin
Gerbers, Todd	Krug, Eric	Sanders, Brian	

Erosion Control Workshop - Half Day Attendees	Course ID: 22521	November 3, 2022
Buhrow Jr, Jerry	Hebert, William	Miller, Mike
Busko, David	Hoerth, Doug	Myers, Chelsea
Davister, Robbie	Humski, Alison	Nate, Cary
Davister, Robbie	Jensen, Chris	Nichols, Bill
Drager G., Jane	Jensen, Tryg	Omernik, Scott
Fetters, Peter	Krahn, Nicole	Prickett, Andrew
Fulcer, Lori	Lepinski, Travis	Racine, Elisabeth
Geiger S., Ryan	Lima, Katie	Schneider, DJ
Grefe, Richard Daniel	Malzahn, Adam	Seidler, Jaymes
Hahn, Paul	Meissner, David	Zarate, John

Northeast Wisconsin Stormwater Consortium

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2022 NEWSC SCHOOL PRESENTATIONS

The following presentations were provided in classrooms or virtually in NEWSC communities throughout the Fox-Wolf River Basin in 2022. These lessons covered watershed basics, how we use water, water quality, stormwater runoff pollution, floodplains, water quantity issues, green infrastructure, and tips for students and parents for reducing and preventing polluted stormwater runoff. Tools used for providing this education include: EnviroScape model, Ward’s Floodplain model, stormwater find-it jars, stormwater runoff plinko, and templates for designing storm drain murals.



Stormwater Topic:	Discussed?	Stormwater Topic:	Discussed?
Illicit Discharge Detection & Elimination	YES	Residential Infiltration	YES
Household Hazardous Waste Disposal/Pet Waste Management/Vehicle Washing	YES	Construction sites and Post Construction Stormwater Management	YES
Yard Waste Management/Pesticide and Fertilizer Application	YES	Pollution Prevention	YES
Stream and Shoreline Management	YES	Green Infrastructure/Low Impact Development	NO

***If your community had school presentations in 2022, we recommend tying the school presentation in your annual report to a topic identified as discussed in the table above that you did not conduct outreach on in another way. These presentations are considered active outreach.**



NEWSC provides school presentation upon request by teachers. If your school district is in your community, please reach out to your school district and share the School Presentation Request Form at <https://drive.google.com/file/d/1fgeOMD2Zqd5yASOiPU7GdvD6lbMhgXo7/view?usp=sharing>

Ashwaubenon

- 4/05/2022 Ashwaubenon High School presentation; approx. reach 80

Oshkosh

- 4/21/22 Emmeline Cook Elementary School; approx. reach 26

Appleton

- 5/23/22 Berry Elementary School; approx. reach 30

Green Bay

- 5/26/22 Eisenhower Elementary School; approx. reach 80

Outagamie County

- Outagamie County Conservation Field Days
 - 9/27/2022; approx. reach 280
 - 9/28/2022; approx. reach 191
 - 9/29/2022; approx. reach 304
 - Total approx. reach 775



Name of School	Total Number of Attendance
Johnston Elementary, Appleton	110
Highlands Elementary, Appleton	84
Xavier Middle School, Appleton	80
Mount Olive Lutheran, Appleton	28

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River View Middle School, Kaukauna	304
Columbus, Appleton	12
Horizons Elementary School , Appleton	46

Marinette

- 11/23/22 Marinette Recreation Center; approx. reach 15
- 12/27/22 Marinette Recreation Center; approx. reach 30

2022 NEWSC EXHIBITING

The following exhibits were coordinated at events in NEWSC communities throughout the Fox-Wolf River Basin. These educational exhibits provided information on watershed basics, water quality, stormwater runoff pollution, floodplains, water quantity issues, green infrastructure, and tips and advice for area residents for reducing and preventing polluted stormwater runoff. Tools used for providing this education include: Ward’s Floodplain model, wheel of pollution, stormwater find-it jars, stormwater runoff plinko, the digital and paper watershed pledge, and educational flyers.



Stormwater Topic:	Discussed?	Stormwater Topic:	Discussed?
Illicit Discharge Detection & Elimination	YES	Residential Infiltration	YES
Household Hazardous Waste Disposal/Pet Waste Management/Vehicle Washing	YES	Construction sites and Post Construction Stormwater Management	NO
Yard Waste Management/Pesticide and Fertilizer Application	YES	Pollution Prevention	YES

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Stream and Shoreline Management	YES	Green Infrastructure/Low Impact Development	NO
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***If your community had exhibitions in 2022, we recommend tying the exhibiting event in your annual report to a topic identified as discussed in the table above that you did not conduct outreach on in another way. Exhibiting is considered active outreach.**

Oshkosh

- 2/25/22 – 2/26/22 RV & Boat Main Sales Event at EAA grounds; approx. reach 22

Menasha

- 4/20/2022 Menasha Public Library presentation, part of watershed presentation series; reach 6

Allouez

- 6/12/2022 AllouezFest car show; reach 31

Greenville

- 7/08/2022 Catfish Races & Community Night; approx. reach 75

Buchanan

- 9/24/2022 Town of Buchanan Fire Department Safety Days; approx. reach 29

Kaukauna

- 9/24/2022 Focus on the Fox event at 1000 Islands Environmental Center; approx. reach 225

Community Presentations (Active Participation):

Pulaski

- 2/10/2022 Cub Scouts presentation; approx. reach 45

Appleton

- 4/10/2022 Girl Scouts presentation in Appleton; reach 12

Winnebago County

- 5/05/2022 Winnebago County Land Conservation Committee presentation; approx. reach 10

Menasha

- 4/20/2022 Menasha Library watershed presentation; reach 6



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- 6/22/2022 Menasha Library Trash Free Waters program presentation; reach 3

Other

- 02/24/2022 Presentation at Wisconsin Parks and Recreation Association Annual Conference in Wisconsin Dells; reach 3

Litterati Cleanup Challenges (Active Participation)

In spring of 2022, we had 10 active participants in the Litterati Cleanup Challenge and they collected a total of 1,449 pieces of garbage. The Litterati app has changed and can no longer see the collection locations. It is a GIS based app and we are looking into how to get access to this information for 2023.

Chloride Monitoring (Active Participation, with Documentation):

Fall 2021/Winter 2022 Chloride Monitoring Season: Data and photos can be found on the [Google Map](#)

Municipality	Location	# of Readings
Neenah	Neenah Slough	4
	Adams St. Bridge	2
Green Bay	Baird Creek	3
Municipality	Location	# of Readings
Green Bay	East River	1
Hobart	Duck Creek	2

Menasha	Rebecca Creek	3
	Firelane 4	2
	Oneida St. trib.	2
Grand Chute	Mud Creek @ Fox River Mall	2
	Stormwater Pond 1	2
	Stormwater Pond 2	2
Appleton	Apple Creek	2
	Kensington Drainage	1
	Telulah Park	3
Calumet County	Irish Creek	1
	Manitowoc River	1
Oshkosh	Riverside Cemetery	1
	Sawyer Creek	1
Municipality	Location	# of Readings



Oshkosh	Campbell Creek	1
Winnebago County	Coughlin Park	4
Fox Crossing	Arrowhead Park	2
	Mud Creek	1
Algoma	Honey Creek	4
Outagamie County	Black Otter Creek	2
	Mackville Creek	3
	Wolf River	2

Fond du Lac County	Sheboygan River trib.	3
Kaukauna	Konkapot Creek	2
Brown County	Plum Creek	3
Fond du Lac	DeNeveu Creek	2
Combined Locks	Garner Creek	1
Allouez	Green Isle Park	1
	East River	1
Ashwaubenon	Ashwaubenon Creek	3

NEWSC 2023-2024 Exhibiting Lists

Each year NEWSC will commit to exhibiting at an event on behalf of 20% of our membership, ensuring we exhibit in each member community once during a 5 year permit cycle. *The communities assigned in a given year will be guaranteed a NEWSC presence at a community event during that year, given that the NEWSC member work with the Outreach Coordinator to get the event on the exhibiting calendar by March 30 and work to coordinate with the event host.*

2023	2024
City of Marinette	City of Fond du Lac
Brown County	City of Two Rivers
Village of Ashwaubenon	Outagamie County
Village of Fox Crossing	City of De Pere
Village of Kimberly	City of Manitowoc
Village of Suamico	City of Neenah
Town of Clayton	Town of Vinland
Town of Grand Chute	Town of Omro
Town of Ledgeview	

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Village of Combined Locks	
Village of Little Chute	
UW Oshkosh	

To ensure your space is reserved NEWSC members must:

1. **Contact the Outreach Coordinator by March 30** of the year you are scheduled with the name of event, date of the event and contact information for the event organizer that you would like the Outreach Coordinator to be a part of.
2. Work with the Outreach Coordinator and the event organizer to ensure acceptance of NEWSC participation at the event. Pay any exhibiting fees (if any) for the event. For most community events, NEWSC members are able to coordinate with event host free exhibit space, if the event chosen does not waive exhibit fees for the community, those fees are the responsibility of the NEWSC member.

If communities do not schedule the Outreach Coordinator to participate by March 30, invitations to the Outreach Coordinator from other communities for events will be entertained and all invites will be accepted as time is available on a first come first serve basis. If the Outreach Coordinator is unable to exhibit in your community due to workload or date of event, NEWSC members may check out exhibiting materials from NEWSC. Promotional materials will be provided as part of the exhibiting display if NEWSC has promotional items to hand out.

Media:

Facebook: 354 likes, 303 shares, 4640 followers

Instagram: 215 likes, 955 followers

- 1/10/22 Sweep the Salt/WI Salt Awareness Week <https://www.facebook.com/photo.php?fbid=230390909275744&set=pb.100069145091944.-2207520000.&type=3>
- 1/11/22 The Cost of Salt/WI Salt Awareness Week <https://www.facebook.com/photo.php?fbid=230870392561129&set=pb.100069145091944.-2207520000.&type=3>
- 1/17/22 Stormwater Education <https://www.facebook.com/photo.php?fbid=234666145514887&set=pb.100069145091944.-2207520000.&type=3>
- 1/18/22 Shovel Before Salting/WI Salt Awareness Week <https://www.facebook.com/photo.php?fbid=235173055464196&set=pb.100069145091944.-2207520000.&type=3>
- 1/25/22 Switch to Sand/WI Salt Awareness Week <https://www.facebook.com/photo.php?fbid=239430191705149&set=pb.100069145091944.-2207520000.&type=3>
- 1/25/22 Scatter Salt/WI Salt Awareness Week <https://www.facebook.com/photo/?fbid=239456525035849&set=pb.100069145091944.-2207520000..>

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- 1/26/22 Salt and Pet Paws/WI Salt Awareness Week <https://www.facebook.com/photo.php?fbid=240023608312474&set=pb.100069145091944.-2207520000.&type=3>
- 1/27/22 Salt Alternative for Traction/WI Salt Awareness Week <https://www.facebook.com/photo.php?fbid=240634438251391&set=pb.100069145091944.-2207520000.&type=3>
- 1/28/22 Chloride Pollution/WI Salt Awareness Week <https://www.facebook.com/photo.php?fbid=241323064849195&set=pb.100069145091944.-2207520000.&type=3>
- 2/8/22 Residential Carpet Cleaning <https://www.facebook.com/photo.php?fbid=248092087505626&set=pb.100069145091944.-2207520000.&type=3>
- 3/8/22 Good Dog, Good Owner <https://www.facebook.com/photo.php?fbid=266746465640188&set=pb.100069145091944.-2207520000.&type=3>
- 4/12/22 Household Hazardous Waste <https://www.facebook.com/photo.php?fbid=288731013441733&set=pb.100069145091944.-2207520000.&type=3>
- 5/10/22 Grass Clippings <https://www.facebook.com/photo/?fbid=306961101618724&set=a.189201083394727>
- 6/14/22 Grass Swale <https://www.facebook.com/photo?fbid=330867759228058&set=a.189201083394727>
- 6/29/22 Rain Barrel raffle <https://www.facebook.com/photo/?fbid=341309721517195&set=a.189201083394727>
- 7/7/22 Sweeping Grass Clippings <https://www.facebook.com/photo/?fbid=346518240996343&set=a.189201083394727>
- 9/13/22 Drain Your Pool and Spa (Fish Don't Swim in Chlorine) <https://www.facebook.com/photo?fbid=392743306373836&set=a.189201083394727>
- 10/3/22 Winter Workshop <https://www.facebook.com/photo/?fbid=416662953981871&set=a.189201083394727>
- 10/17/22 Salt Watch Volunteer Opportunity <https://www.facebook.com/photo/?fbid=420082713639895&set=a.189201083394727>

Media:

Facebook: 354 likes, 303 shares, 4640 followers

Instagram: 215 likes, 955 followers

- 10/24/22 Salt Watch Volunteer Opportunity reminder <https://www.facebook.com/photo/?fbid=425760229738810&set=a.189201083394727>
- 11/3/22 Leaf Infographic <https://www.facebook.com/photo/?fbid=433095445671955&set=a.189201083394727>
- 11/3/22 Fertilizer Infographic <https://www.facebook.com/photo/?fbid=437561555225344&set=a.189201083394727>
- 11/29 School Event <https://www.facebook.com/foxwolfriver/posts/pfbid036dHjR6E4BgoAXYZ1eVe1fcdXDK6MfDzGCpz3oBRcroyhnJhNpNDDdBrrBKCm1SF>
- 12/11/22 Salt Awareness Week <https://www.facebook.com/photo/?fbid=461316586183174&set=a.189201083394727>

NEWSC also started utilizing twitter at the end of 2022 and will continue to do so to share information using all of our resource

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Thank You, 2022 Leadership Council Members!

CHAIR Heath Kummerow (2022-2023) City of Neenah	VICE-CHAIR Brent Jalonen (2022 - 2023) Calumet County	SECRETARY/TREASURER Rich Heath (2022 - 2023) Town of Algoma	PAST-CHAIR Eric Rakers (2022-2023) City of DePere
MUNICIPAL COMMITTEE James Rabe (2022 - 2024) City of Oshkosh	GENERAL PUBLIC COMMITTEE Andy Maracini (2022-2024) Winnebago County	BUILDING & DEVELOPMENT COMMITTEE Brad Hartjes (2021-2023) raSmith	STORMWATER QUALITY MANAGEMENT COMMITTEE Chris Murawski (2020-2022) Village of Little Chute
MEMBER-AT-LARGE John Neumeier (2020-2022) City of Kaukauna	MEMBER-AT-LARGE George Dearborn (2020-2022) Village of Fox-Crossing	MEMBER-AT-LARGE Danielle Santry (2022-2024) Calumet County	

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Thank You, 2022 Committee Members!

<p>General Public Committee Andy Maracini – Winnebago County Dani Santry – Calumet County George Dearborn – Village of Fox Crossing Brian Wayner – Westwood Professional Services</p>	<p>Municipal Committee James Rabe – City of Oshkosh Jeff Mazanec – raSmith Scott Ahl – Town of Two Rivers John Neumeier – City of Kaukauna Sue Olson – City of Appleton Casey Canady – City of Oshkosh</p>	<p>Stormwater Quality Management Committee Chris Murawski – Village of Little Chute George Dearborn – Village of Fox Crossing Paul Willis – Mead & Hunt Abby Maslanka – Martenson & Eisele Justin Keen – Cedar Corporation Rich Heath – Town of Algoma Heather Zaunmueller – AECOM</p>	<p>Building & Development Committee Brad Hartjes – raSmith Nick Waldschmidt – City of Fond du Lac Brent Jalonen – Calumet County Patrick Kuehl – Robert E. Lee Claire Ebben – Outagamie County Katie Buchalski – Ruckert-Mielke</p>
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