

# 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**.

## Reporting Information

**Submittal Type:** Annual Report

**Project Name:**

**County:** Marathon

**Municipality:** Weston, Village

**Facility Number:** 31060

**Reporting Year:** 2017

## 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]
- Attach the following items as appropriate using the attachments tab above
  - Construction Site Pollution Control Annual Report Summary
  - Illicit Discharge Detection and Elimination Annual Report Summary
  - Leaf and Yard Waste Management
  - Municipal Cooperation Attachment
  - Municipal Facility Inspections
  - Pollution Prevention Annual Report Summary
  - Post-Construction Storm Water Management Annual Report Summary
  - Public Education and Outreach Annual Report Summary
  - Public Involvement and Participation Annual Report Summary
  - Storm Water Consortium/Group Report
  - Storm Sewer Map Annual Report Attachment
  - Storm Water Quality Management Annual Report Attachment
  - TMDL Attachment
  - Winter Road Maintenance
  - Other Annual Report Attachment
- Complete all required forms and upload required attachments
- 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**

<b>Name of Municipality</b>	Weston, Village
<b>Facility ID # or (FIN):</b>	31060
<b>Updated Information:</b>	<input type="checkbox"/> Check to update mailing address information
<b>Mailing Address:</b>	5500 Schofield Avenue
<b>Mailing Address 2:</b>	
<b>City:</b>	Weston
<b>State:</b>	Wisconsin
<b>Zip Code:</b>	54476 <small>xxxxx or xxxxx-xxxx</small>

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

Yes  No  Unsure

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  Unsure

**Primary Municipal Contact Person (Authorized Representative for MS4 Permit)**

	<input checked="" type="checkbox"/> Select to <b>create new</b> primary contact
<b>First Name:</b>	Michael
<b>Last Name:</b>	Wodalski
	<input checked="" type="checkbox"/> Select to <b>update</b> current contact information
<b>Title:</b>	Dep. Dir of Pub Work
<b>Mailing Address:</b>	5500 Schofield Avenue
<b>Mailing Address 2:</b>	
<b>City:</b>	Weston
<b>State:</b>	<u>WI</u>
<b>Zip Code:</b>	54476-4395 <small>xxxxx or xxxxx-xxxx</small>
<b>Phone Number:</b>	715-359-6114 Ext: <input type="text"/> <small>xxx-xxx-xxxx</small>
<b>Email:</b>	mwodalski@westonwi.gov

## 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:**

## Missing Information

**Minimum Control Measures- Section 1 : Complete**

**1. Public Education and Outreach**

a. Complete the following information on Public Education and Outreach Activities related to storm water. Select the Mechanism that best describes how the topic message was conveyed to your population. Use the **Add Activity** to add multiple Mechanisms. For Quantity, choose the range for the number of Mechanisms chosen (i.e., number of workshops, events). Quantity and Estimated People Reached are both optional.

Mechanism	Quantity (optional)	Est. People Reached (optional)	Regional Effort? (optional)
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**Topic:** Detection and elimination of illicit discharges

- Passive print media (brochures at front desk, posters, etc.)      Select...             Yes     No
- Educational activities (School presentations, summer camps, etc)      Select...             Yes     No
- Other      Select...             Yes     No

**Topic:** Management of materials that may cause storm water pollution from automobiles, pet waste, household hazardous waste and household practices

- Passive print media (brochures at front desk, posters, etc.)      Select...             Yes     No
- Other      Select...             Yes     No

**Topic:** Beneficial onsite reuse of leaves and grass clippings/proper use of lawn and garden fertilizers and pesticides

- Passive print media (brochures at front desk, posters, etc.)      Select...             Yes     No

**Topic:** Management of stream banks and shorelines by riparian landowners to minimize erosion and restore and enhance the ecological value of waterways

- Did not focus on this topic this reporting year      Select...             Yes     No

**Topic:** Infiltration of residential storm water runoff from rooftop downspouts, driveways and sidewalks

- Active distribution of print media (mailings, newsletters)      Select...             Yes     No
- Signage      Select...             Yes     No
- Other      Select...             Yes     No

Mechanism	Quantity	Est. People Reached	Regional Effort?
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(optional)

(optional)

(optional)

**Topic:** Inform and where appropriate educate those responsible for the design, installation, and maintenance of construction site erosion control practices and storm water management facilities on how to design, install and maintain the practices

Direct one-on-one communication

Select...

Yes  No

**Topic:** Identify businesses and activities that may pose a storm water contamination concern, and where appropriate, educate specific audiences on methods of storm water pollution prevention

Direct one-on-one communication

Select...

Yes  No

**Topic:** Promote environmentally sensitive land development designs by developers and designers, including green infrastructure and low impact development

Direct one-on-one communication

Select...

Yes  No

**Topic:** Other (describe):

Select...

Select...

Yes  No

**b.** Any other Public Education and Outreach program information for inclusion in the Annual Report may be added here or attached on the attachments page.

The "Other" category above is representing the use of TV Advertisements

### Missing Information

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

Form 3400-224 (09/17)

## Minimum Control Measures - Section 2 : Complete

### 2. Public Involvement and Participation

**a.** Describe how the municipality has kept the following local officials and municipal staff apprised of the municipal storm water discharge permit programs and its requirements.

#### Elected Officials

Elected officials have been updated throughout the year on various issues regarding the development of the Wisconsin River TMDL. Also, the annual report is acknowledged by the Public Works Committee and the Village Board.

#### Municipal Officials

The Public Works Committee is updated as topics come up. The Village Plan Commission sees site plan submittals and Storm Water Management Plans as they are submitted. In addition, the Public Works Committee acknowledges the annual MS4 report.

## Appropriate Staff

Operations staff and our building inspectors are updated regularly on any changes or modifications to storm water regulations. During non-winter months, staff is updated on storm water requirements such as street sweeping, curb inlet cleaning, etc.

b. Complete the following information on Public Involvement Activities related to storm water. Select the mechanism that best describes how the topic message was conveyed to your population. Use the Add Activity to add multiple mechanisms. For Quantity, choose the range for number Mechanisms chosen (i.e., number of workshops, events). Quantity and Estimated People reached are both optional.

Mechanism	Quantity (optional)	Est. People Reached (optional)	Regional Effort? (optional)
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**Topic:** Storm Water Management Plan and/or updates

Website                                      Select...             Yes     No

**Topic:** Storm water related ordinance and/or updates

Website                                      Select...             Yes     No

**Topic:** MS4 Annual Report

Government Event (Public Hearing, Council Meeting, etc)                                      Select...             Yes     No

**Topic:** Volunteer Opportunities

Website                                      Select...             Yes     No

Clean-up events                                      Select...             Yes     No

**Topic:** Other (describe) :

Select...                                      Select...             Yes     No

c. Any other Public Involvement and Participation program information for inclusion in the Annual Report may be added here or attached on the attachments page

## Missing Information

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

### 3. Illicit Discharge Detection and Elimination

- a. How many total outfalls does the municipality have?   Unsure
- b. How many outfalls did the municipality evaluate as part of their routine ongoing field screening program?   Unsure
- c. How many were confirmed illicit discharges?   Unsure
- d. How many illicit discharge complaints did the municipality receive?   Unsure
- e. How many were confirmed illicit discharges?   Unsure
- f. How many of the identified Illicit discharges did the municipality eliminate in the reporting year?   Unsure
- g. How many of the following enforcement mechanisms did the municipality use to enforce its illicit discharge ordinance?  Unsure
- Verbal Warning
- Written Warning (including email)
- Notice of Violation
- Civil Penalty/ Citation
- h. Any other Illicit Discharge Detection and Elimination program information for inclusion in the Annual Report may be added here or attached on the attachments page.

See attached report, the illicit discharge that was detected was a leaking irrigation line that was discharging into a detention pond which was near the outlet of the pond and a chlorine residual was present in the initial field test. The leak was found and after a second test, the chlorine residual was no longer present.

### Missing Information

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

Form 3400-224 (09/17)

### Minimum Control Measures - Section 4 : Complete

#### 4. Construction Site Pollutant Control

- a. How many total construction sites were active at any point in the reporting year?   Unsure
- b. How many construction sites did the municipality issue permits for in the reporting year?   Unsure
- c. Do the above numbers include sites <1 acre?  Yes  No  Unsure
- d. How many erosion control inspections did the municipality complete in the reporting year?   Unsure
- e. What types of enforcement actions does the municipality have available to compel compliance with the regulatory mechanism? Check all that  Unsure

apply and enter the number of each used in the reporting year.

- Verbal Warning
- Written Warning (including email)
- Notice of Violation
- Civil Penalty/ Citation
- Stop Work Order
- Forfeiture of Deposit
- No Authority
- Other - Describe below

f. Any other Construction Site Pollutant Control program information for inclusion in the Annual Report may be added here or attached on the attachments page.

The Village has two building inspectors that oversee on-site construction. During their routine inspections, erosion control practices are followed up on as well. We've used verbal warning's as well as written warning's to get properties into compliance, however the number of each is not readily available.

### Missing Information

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

Form 3400-224 (09/17)

## Minimum Control Measures - Section 5 : Complete

### 5. Post-Construction Storm Water Management

- a. How many new construction sites with new structural storm water management practices have received local approvals?   Unsure
- b. How many privately owned storm water facility inspections were completed in the reporting year?   Unsure
- c. 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

- Verbal Warning
- Written Warning (including email)
- Notice of Violation
- Civil Penalty/ Citation
- Forfeiture of Deposit
- Complete maintenance
- Bill responsible part

No Authority

Other - Describe below


d. Any other Post-Construction Storm Water Management program information for inclusion in the Annual Report may be added here or attached on the attachments page.

Similar to the construction site follow up, Village staff will do the same with post-construction efforts as well if staff notices anything that appears to be out of compliance. Follow up is typically done with a verbal warning if possible so we can explain the situation to the property owner. Written warnings are used then if progress is not made after the verbal warning.

### Missing Information

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

Form 3400-224 (09/17)

### Minimum Control Measures - Section 6 : Complete

#### 6. Pollution Prevention

Storm Water Management Facility Inspections (ponds, biofilters, etc.)  Not Applicable

- a. Enter the total number of municipally owned or operated structural storm water facilities?   Unsure
- b. How many new municipally owned storm water facilities were installed in the reporting year?   Unsure
- c. How many municipally owned storm water devices were inspected in the reporting year?   Unsure
- d. How many of these facilities required maintenance?   Unsure  
If so, attach report on attachments page.

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

- e. How many inspections of municipal properties been conducted in the reporting year?   Unsure
- f. Have amendments to the SWPPPs been made?  Yes  No  Unsure

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

- g. Did the municipality conduct street sweeping/cleaning during the reporting year?  Yes  No  Unsure
- h. If known, how many tons of material was removed?   Unsure
- i. 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

No - Explain \_\_\_\_\_

Not Applicable

Unsure

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

j. Did the municipality conduct catch basin sump cleaning during the reporting year?

Yes  No  Unsure

k. How many catch basin sumps were cleaned in the reporting year?   Unsure

l. If known, how many tons of material was removed?   Unsure

m. 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

No - Explain

\_\_\_\_\_  
 Not Applicable

Unsure

Collection Services - *Leaf Collection Program*  Not Applicable

n. Does the municipality conduct curbside leaf collection?  Yes  No  Unsure

Unsure

o. Does the municipality notify homeowners about pickup?  Yes  No  Unsure

Unsure

Where are the residents directed to store the leaves for collection?

Pile on terrace  Pile in street  Bags on terrace  Unsure

Other - Describe

p. What is the frequency of collection?

Once in Spring and twice in Fall

q. Is collection followed by street sweeping/cleaning?  Yes  No  Unsure

Unsure

Winter Road Management  Not Applicable

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

r. How many lane-miles of roadway is the municipality responsible for doing snow and ice control?   Unsure

s. Provide amount of de-icing products used by month last winter season?

Solids (tons) (ex. sand, or salt-sand)

Oct  Nov  Dec  Jan  Feb  March\*

Liquids (gallons) (ex. brine)

Oct 250 Nov 2,650 Dec 3,095 Jan 1,090 Feb 1,745 March\* 0

- t. Was salt applying machinery calibrated in the reporting year?  Yes  No  Unsure
- u. Have municipal personnel attended salt reduction strategy training in the reporting year?  Yes  No  Unsure

If yes, describe what training was provided:

There were 2 Village Staff Members that attended the APWA Winter Maintenance Supervisor Certificate Training Class

When: September 2016 How many attended: 2

#### Internal (Staff) Education & Communication

- v. Have training or education on SWPPPs for municipal facilities been held for municipal or other personnel?  Yes  No  Unsure
- If yes, describe what training was provided

Overview of the BMP for our sites, ensuring that material is being placed properly and we have proper containment devices in place

When: Throughout 2017 How many attended: 15

#### Additional Pollution Prevention Information

- w. Any other Pollution Prevention program information for inclusion in the Annual Report may be added here or attached on the attachments page.

#### Missing Information

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

Form 3400-224 (09/17)

### 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. Any other Storm Sewer System Map information for inclusion in the Annual Report may be added here or attached on the attachments page.

## Missing Information

Do not close your work until you SAVE.

Form 3400-224 (09/17)

## 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

2,500	2,500	2,500	<u>Storm water utility</u>
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**Element:** Public Involvement and Participation

188	433	433	<u>Storm water utility</u>
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**Element:** Illicit Discharge Detection and Elimination

75	0	0	<u>Storm water utility</u>
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**Element:** Construction Site Pollutant Control

0	0	0	<u>Storm water utility</u>
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**Element:** Post-Construction Storm Water Management

142,572	96,651	110,428	<u>Storm water utility</u>
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**Element:** Pollution Prevention

0	0	0	<u>Storm water utility</u>
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**Element:** Storm Water Quality Management

0	0	0	<u>Storm water utility</u>
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**Element:** Storm Sewer System Map

0	0	0	<u>Storm water utility</u>
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**Other (describe)**

1) Interest/Debt Costs; 2) Depreciation

103,129	106,000	94,875	<u>Storm water utility</u>
333,734	370,000	370,000	<u>Storm water utility</u>

### Water Quality

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

Yes  No  Unsure      If Yes, explain below:

**b:** 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

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

Yes  No  Unsure

### Additional Information

Based on the municipality's storm water program evaluation in Part II, describe any proposed changes to the municipality's storm water program.

The Village of Weston is waiting for the release of the WI River TMDL. At that point in time, the Village will then redo its Village Wide Storm Water Pollution Analysis and come up with a revised Pollution Prevention Plan to meet the new requirements. As a note about the Fiscal evaluation, the costs for Illicit Discharge, Construction Site Pollutant Control, Pollution Prevention, Storm Water Quality Management, and the Storm Sewer System Map are lumped in with the Post-Construction Storm Water Management category as this is how our financing software tracks those costs.

Do not close your work until you SAVE.

Form 3400-224 (09/17)

**Requests for Assistance on Improving Permit Programs**

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

Please select all that apply:

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

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

## 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.

### Attach Documents

#### AR\_EOFIN

 File Attachment

[2017CoalitionEdActivities.pdf](#)

#### AR\_IDDEFIN

 File Attachment

[2017MS4IDDReport.pdf](#)

#### AR\_SWMapFIN

 File Attachment

[StormMS4\\_110322\\_11x17.pdf](#)

#### AR\_OtherFIN

 File Attachment

[MunicipalCenterMap.pdf](#)

#### AR\_OtherFIN

 File Attachment

[RyanStMap.pdf](#)

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

**Draft and Share PDF Report with Municipality's Governing Body.**

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 approved by the governing body, you will have to come back to the MS4 eReporting system to submit the report to the DNR.

[Draft and Share PDF Report with Municipality's Governing Body](#)

## 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 Weston, Village 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 3500-123 ) 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).

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.

**NORTH CENTRAL WI STORMWATER COALITION  
OUTREACH AND EDUCATION PLAN ACTIVITIES COMPILATION**

March 29, 2018

DATE	ACTIVITY	DESCRIPTION	PLANNED CHANGES TO PROGRAM	EDUCATION & OUTREACH PLAN GOAL	AUDIENCE
01/01/08 - 12/31/08	Shoreland Owners' Guide	Protect Your investment and Your Waterway		4	Water front property owners (2008: 106 packets, 26 reminders)
01/01/08 - 12/31/08	ExCal DVD	Training DVD		1	Municipal employees
04/14/08	Newspaper article	Improving Stormwater Runoff - Wisconsin Rapids			General public
05/21/08	Newspaper article	Dog poop isn't just a nuisance		2	Wausau Daily Herald
05/21/08	Wisconsin River Cleanup	Trash pick up and stormwater educational presentation;		2, 3, 4, 5	250 High School Students from 10 schools
05/24/08	Newspaper article	Cleanup nets 1.5 tons of trash		2	Wausau Daily Herald
05/23/08	Stormwater Survey	Survey of residents knowledge		1, 2, 3, 4, 5	1,270 households, 459 respondents
09/18/07	Newspaper article	Conversion of Walnut Detention Basin to wed pond forces soccer team to find new fields. Article references TSS reduction goals as reason for project.		5	Marshfield News Herald
11/10/07	Newspaper article	Reducing use of phosphorous helps the environment. Article by Teri Gear, UW Wood County Extension, explains phosphorous impacts and benefits of proper leaf management and car washing.		2	Marshfield News Herald
06/03/08	Newspaper article	It's a river, not a sewer, Wisconsin		2, 3, 4, 5	Wausau Daily Herald
06/05/08	Financial Contribution	Sponsorship of Wisconsin River Cleanup		2, 4	
06/13/08	Newspaper article	Regional stormwater group needs help		1, 2, 3, 4, 5	Wausau Daily Herald
06/16/08	Newspaper article	Regional stormwater group needs help		1, 2, 3, 4, 5	Stevens Point Journal
06/20/08	Newspaper article	Regional stormwater group needs help		1, 2, 3, 4, 5	Wisconsin Rapids Tribune
6/20/2008	Storm Drain Marking	The City of Stevens Point began ordering all new inlet and catch basin lids with environmental notices "No dump drains to river"		1, 2	General Public
06/25/08	Newspaper article	Regional stormwater group needs help		1, 2, 3, 4, 5	DC Everest Herald
06/25/08	Storm drain stenciling	6th, 7th, 8th, & 9th streets, 59 drains; Wausau Daily Herald & Mosinee Times - press release		2	YMCA Camp Adventure, 25 children grades 2-8
06/25/08 - 09/27/08	Storm water education			2, 3, 4, 5	YMCA Camp Adventure / 10 children grades K-3
07/01/08	Storm drain stenciling	4H group stenciling - Lincoln School, Wausau 6th Ave - 40 drains		2	4H Students
08/05/09 - 08/10/09	Display Board	Wisconsin Valley Fair		2	fair attendees
10/01/08	Community Connections Newsletter Article Volume 1 Issue 3	Legislative Spotlight - Administrative Rule 60.12 Clean Water Act		Public involvement	Municipal planning commissions, boards, councils, interested parties, website
11/24/2008	Informational Meeting	The City of Stevens Point met with the Waste Management Society at UWSP to describe the NR 216 rules and to coordinate with the group providing education to local schools regarding the impacts of storm water on the rivers and lakes.		2	6 University Students
12/15/2008	Bioinfiltration Demonstration Site	The City of Stevens Point approved two bio-swale designs to service revisions to parking lots at UWSP. The City and University have tentatively agreed to sign these facilities as demonstration sites to promote infiltration.		5	General Public, University Students
7/1/1905	Water Quality Fact Sheets	Posted to Wisconsin Rapids website			General public
2/3/2009	Staff Training	City of Wisconsin Rapids - Engineering - storm water pollution prevention video			City of WI Rapids Engineering, Street and Wastewater Departments
3/1/2009	Storm Drain Stenciling	The City of Stevens Point has several Boy Scout groups that have agreed to conduct storm water stenciling on existing storm drains. The City of Stevens Point Engineering Department provided an instructional meeting for the City plumbing inspector on what they are required to monitor during construction from an erosion control and site development standpoint using an existing development as an example of where improvements are needed.		2	30 Boy Scouts, and General Public
3/13/2009	Meeting			2	City Building Inspectors
March/April 2009	Earth Week Commercial	Aired at Merrill movie theater		2	Movie Theater customers
3/19/09 - 4/22/09	Earth Week Commercial	Commercial, public service announcements, etc.		2	Channel 7 viewers
03/28/09	Living Shorelines Workshop			4	workshop participants
March 2009 +	NCWSC ad on digital billboards	Car wash message on billboards - Schofield Ave & STH 29		2	travelers
04/12/09	Letter	Federal Clean Water Act, storm water utilities, reducing stormwater pollution			Wisconsin Rapids residents
04/16/09	Compost Classes			3	workshop participants
04/28/09	Letter	stormwater pollution information/ways to help			carpet/upholstery cleaning companies & landscapers
04/30/09	Compost Classes			3	workshop participants
05/06/09	Compost Classes			3	workshop participants
05/07/09	Compost Classes			3	workshop participants
05/01/09	Compost Pail & Bin Sales			3	workshop participants
05/22/10	Wisconsin River Cleanup	Trash pick up and stormwater educational presentation;		2, 3, 4, 5	250 High School Students from 10 schools
05/28/09	Rain Barrel Workshops	Wisconsin Rapids and Weston, Educational presentation on infiltration		5	participants
05/30/09	Rain Barrel Workshops	Wisconsin Rapids and Weston, Educational presentation on infiltration		5	participants
05/28/09	Demonstration Rain Gardens	Wausau (CPZ), Kronenwetter, and Wisconsin Rapids		5	volunteers, media
06/01/09	Demonstration Rain Gardens	Wausau (CPZ), Kronenwetter, and Wisconsin Rapids		5	volunteers, media
06/25/09	Radio broadcast	Explaining NCWSC and rain gardens			radio listeners
08/01/09	Rain Barrel Workshops	Wausau, Educational presentation on infiltration		5	40 participants
07/30/2009 & 08/13/09	Presentation/educational session	Camp Dell Eau Claire - Girl Scouts		2	30 Girl Scouts & 3 leaders
08/04/09 - 08/09/09	Display board	Wisconsin Valley Fair		2	fair attendees
10/03/09	Rain Barrel Workshops	Marshfield Green Living Expo		5	25 participants
2008, 2009, 2010	Public Participation	Monthly updates to Marathon County Metropolitan Commission		1, 2, 3, 4, 5	Commissioners, staff, DOT, FHA
02/10/10	Follow up survey	follow up to initial survey			
March/April 2010	Earth Week Commercial			2	
04/09/10	Storm water pollution prevention education	Engineering Department, Street Department, Wastewater Department	City of Wisconsin Rapids		City of WI Rapids Engineering, Street and Wastewater Departments
05/11/10	Scouts in Government	Educational presentation on watersheds, rainbarrel construction			40+ Scouts and leaders
05/21/10	Wisconsin River Cleanup	Educational presentation, participation in cleanup		2,3,4,5	200 High school students

Spring 2010	Bio-Filter Install	Construction of Bio-filter at Library as part of parking lot install (high visibility)	City of Wisconsin Rapids		Engineering, Street Dpt	General Public, Library
9/9/2010	Letter with brochures	Norton Pond Construction	City of Wisconsin Rapids		Engineering	Public Works Committee, Residents
9/13/2010	Public Hearing	Norton Pond Construction	City of Wisconsin Rapids		Engineering	Public Works Committee, Residents
Summer/Fall	Collecting Rain Barrels	Collecting Rain Barrels for Spring 2011 workshop (May 18, 2011)	City of Wisconsin Rapids		Engineering, Street Dpt	Workshop will be done in 2011
ONGOING	website	http://basineducation.uwex.edu/centralwis/stormwater.htm				
09/28/10	Rain Barrel Workshops	Schofield		Donated 2 rainbarrels to Community Gardens		
10/01/10	Community Connections Newsletter Article Volume 3 Issue 4	Community Gardens - A True Community Effort				
Fall 2010	Digital Billboard	stormwater pollution information/ways to help				
Summer 2010	Rain Garden installation	Marshfield fire station				
03/01/10	Weston Focus Newsletter article	Sustainable Weston			Weston residents & interested public	
03/19/10	Weston Wire	Street Sweeping article			Weston residents & interested public	
05/14/10	Weston Wire	Sustainable Weston article			Weston residents & interested public	
09/10/10	Weston Wire	Rain barrel workshop article			Weston residents & interested public	
09/24/10	Weston Wire	Stormwater story & rain barrel workshop article			Weston residents & interested public	
12/02/10	Weston Wire	Green Tier Legacy Recognition article			Weston residents & interested public	
06/01/10	Weston Wire	Weston Consumer Confidence Report			Weston residents & interested public	
		Meetings with 12 Stevens Point elementary schools, WRWA poster contest, Environmental Education issues, pet waste brochures to city treasurers to be distributed with dog licenses.				Stevens Point elementary education teachers
01/16 - 01/21/2010						
		Enviroscapes runoff model, brochures (pet waste, water cycle color book, stormwater, rethinking yard care, polluted runoff, new fertilizer law, water quality and food choices, protecting water quality, storm sewers.				500-600 people from businesses, farmers, kids, general public, government officials
02/10/10	Food Fair - Water education booth					
03/14/10	Stormwater overview	Presentation by Becher Hoppe to the Schofield Board of Public Works				Schofield Board of Public Works
12/16/10		Rain Harvesting presentation - Living Color Design				NCWSC Members
07/12/11 -07/14/11	Farm Technology Days	Rain garden & rainbarrel display, groundwater model, watershed model				
07/15/11	Rain Barrel Workshops					
07/22/11	Rain Barrel Workshops					
08/01/11 - 08/05/11	Central Wisconsin Fair	Rain garden & rainbarrel display				
09/11 - 10/11	Marcus Theaters	Rubber Ducky Commercial				
10/08/11	Marathon County Ladies Holiday Party	Donated rainbarrel and educational materials for raffle				
Summer, 2011	Rain Garden installation	Stevens Point, Rothschild				
July, 2011	Mini house/rainbarrel/raingarden display	Farm Technology Days				
June-September 2012	Rubber Ducky Commercial	prior to every movie at Marcus Cinema, Rothschild				
05/11/12	Wisconsin River Cleanup	Educational presentation				
04/01/2013 -						
07/01/2013	Digital Billboard in Weston	Connection of the Sewer System to Surface Waters				Motorists Along Hwy 29
04/01/2013 -						
08/31/2013	Rubber Ducky Commercial	Prior to Every Movie at Marcus Cinema, Rothschild				Wausau Area Residents
04/01/13	Green Living Expo in Marshfield at UW Wood Co. Campus	Rain Barrel Giveaway, Information Handouts, with 250 Entries				General Public 250+/- attendees
Spring & Fall 2013	City of Wisconsin Rapids Catch Basin Stenciling	Local grade school students participated in catch basin stenciling around the City.				20 students per activity
		Presentation to local high school students on stormwater mgmt and treatment as well as planting of trees around 2-Mile Avenue stormwater detention pond				
May 2013	City of Wisconsin Rapids Tree Planting / Stormwater Presentation					30 students
						Local Junior & High School Students - Approx. 125
05/13/13	Wisconsin River Cleanup	Educational Presentation - Urban & Rural Stormwater Runoff				Students
06/20/13	Village of Rothschild Rain Barrel Workshop	Village Hall: 10 barrels.				Village of Rothschild Residents
06/25/13	City of Merrill Rain Barrel Workshop	19 Barrels				City of Merrill Residents
Fall, 2013	City of Wausau Newsletter Article	Newsletter Article				21,000 Homes
		Displayed at the Lincoln County Land Information, Conservation, Planning, and Zoning Department				
Fall, 2013	Rain Barrel Display - Lincoln County	Rain Barrel, Information, and Entry Placed By Tax Payment Location for Maximum Impact. 71 Contest Applications.				City of Merrill and Lincoln County Residents
12/01/13	Village of Rothschild Rain Barrel Raffle					Generally: Rothschild Residences
04/04/14	Rubber Ducky Infommercial	Marcus Cedar Creek Theater, Rothschild - 12 weeks (April-June, 2014)				Wausau Metro Area / Central WI Residents
	Stevens Point Flowage Map	NCWSC Logo and No Dumping Message				1,500 copies for Distribution by NCWSC
05/17/14	Rainbarrel Workshop -	Weston - 25 barrels				
	Rainbarrel Workshop -	Merrill				City Residents
05/09/14	Wisconsin River Cleanup	Interactive Educational Presentation				Approx. 120 area youth
		Rain garden & rainbarrel display, rainbarrel demonstrations and give-a-way, groundwater model, watershed model, NCWSC Logo Reusable H2O Bottles				Primary - Wausau Metro Area / Secondary greater Marathon County. 47 registered for rain barrel give-a-way.
06/07/14	Water's Edge -Celebration of Central WI Waters					Village Residents
06/30/14	Rainbarrel Workshop -	Weston: 6 barrels				City of Wausau Residents - 21,000 homes
	Wausau City Newsletter	Stormwater Awareness Articles				
		Village of Kronenwetter - Invited public on website w/ & approx. 10 observers resulting				Village of Kronenwetter residents
06/22/14	Rain Garden	Town of Rib Mountain - Included additional interpretive signage on plant identification				Town of Rib Mountain residents
06/15/14	Rain Garden					
09/05/14	Rubber Ducky Infommercial	Marcus Cedar Creek Theater, Rothschild - 16 weeks (Sept-Dec, 2014)				Wausau Metro Area / Central WI Residents
all year	Regional education and outreach	NCWRPC website - 608 hits				North Central Wisconsin Regional Planning Area residents
		Local cub scout group participated in catch basin stenciling on east side of river				20 students - 10,000 area population
09/20/14	City of Wisconsin Rapids Catch Basin Stenciling	Rain Barrel, information, and entry placed by Tax Payment location for maximum impact.				Generally: Rothschild Residences
Dec. 2014	Village of Rothschild Rain Barrel Raffle					
	North Central Wisconsin Stormwater Coalition purchased MS4 employee training DVD's for distribution among coalition membership	Ground Control and Rain Check training DVDs				Coalition units of government
07/21/14	Town of Rib Mountain Rainbarrel workshop	Stormwater awareness for local residents				Town of Rib Mountain residents
06/01/14						

02/19/15	Rain Garen Grant Awards	The North Central Wisconsin Stormwater Coalition awarded to rain garden grants: \$1,000 to Prairie River Middle School located in Merrill, WI and \$750 to the Village of Weston			Prairie River Middle school population and the Village of Weston residents.
04/16/15	Rubber Ducky Infomercial	Marcus Cedar Creek Theater, Rothschild and Baraboo - 8 weeks	Campus Theater, Stevens Point, WI Rapids and Marshfield - 8 weeks		Wausau Metro Area / Central WI Residents
05/15/15	Wisconsin River Cleanup	Interactive Educational Presentation			Approx. 325 Central WI area youth
05/28/15	North Central Wisconsin Local Phosphorus Partnership Summit	NCWRPC, NCWSC and WIPPS hosted a summit to discuss how individuals and organizations can work together to address the phosphorus issue as it relates to the WI River TMDL			Farmers, private individuals and local governments within the North Central Wisconsin Regional Planning Commission area of service
all year	Regional education and outreach	NCWRPC website - 679 hits			North Central Wisconsin Regional Planning Commission area residents
06/10/15	Rainbarrel workshop	The Village of Weston gave a presentation on stormwater and the benefit of barrels.			11 Village residents attended the workshop
01/19/16	Letter of Support	Assembly Bill 600 - Letter of Support	none	Public outreach and education	Elected Officials
02/02/16	Letter of Support	Senate Bill 567 - Letter of Support		Public outreach and education	Elected Officials
02/08/16	School Rain Garden Development Grant Application	The North Central Stormwater Coalition made available to local schools and technical colleges up to 3 mini-grants of \$1,000 each in 2016 or 2017 toward the preparation and planting of a school rain garden.	none	Public outreach and education	Centrat WI Area Youth
02/17/16	Letter of Support	Senate Bill 459 - Letter of Support	none	Public outreach and education	Elected Officials
02/18/16	Rubber Ducky Infomercial	Marcus Cedar Creek Theater, Rothschild and Baraboo - 8 weeks	Campus Theater, Stevens Point, WI Rapids and Marshfield - 8 weeks	Rogers Cinema, WI Rapids and Marshfield - 8 weeks	Cosmo Theater, Merrill - May - September, 268 view times per week
02/19/16	Letter of Support	Assembly Bill 735 - Letter of Support	none	Public outreach and education	Elected Officials
03/07/16	Stormwater video training	The City of Wausau Street Department requested Coalition stormwater videos for staff training	none	Public outreach and education	City of Wausau Street Department staff
04/15/16	Wisconsin River Cleanup Sponsor	\$500 Platinum Sponsor	none	Public outreach and education	Central WI Area Youth
05/12/16	DNR Comment Letter	Comments to DNR on the Petenwell/Castle Rock Reservoir, Big Eau Pleine Reservoir, and the Wisconsin River SWAT modeling.	none	Technical review of modeling	DNR
05/13/16	Wisconsin River Cleanup Presentation	Interactive educational presentation to participants	none	Public outreach and education	Approx. 250 Central WI area youth
05/20/16	City of Schofield catch basin stenciling	Small presentation and stenciling of 86 catch basins in the City of Schofield.	none	Public outreach and education	30 Girl Scouts and 10 parents
01/26/17	Wisconsin River Cleanup Sponsor	\$500 Platinum Sponsor of cleanup activity		Public outreach and education	Central WI Area Youth
01/26/17	Public Service Announcement Video Competition	Creating 2 school competitions (6-8 grades and 9-12 grades within Coalition school districts) for creating a 30-second stormwater runoff commercial. Prize money would be as follows: \$500 for 1 <sup>st</sup> place in the 6-8, and 9-12 grades (\$1,000 total), \$300 for 2 <sup>nd</sup> place in 6-8, and 9-12 grades (\$600 total), and \$200 for 3 <sup>rd</sup> place in 6-8, and 9-12 grades (\$400 total).	The program was deemed to be too complicated and was later dropped by the Coalition as an method of public education and outreach potion	Public outreach and education	Central WI Area youth and local schools
01/26/17	Rubber Ducky Infomercial	Show & edit the Rubber Ducky spot on WAOW & WSAW near and on Earth Day 2017		Public outreach and education	Wausau Metro Area / Central Wisconsin River Watershed Residents
05/12/17	Wisconsin River Cleanup Presentation	Interactive educational presentation to participants, May 12, 2017		Public outreach and education	Approx. 250 Central WI area youth
05/18/17	Water's Edge Event Sponsor	A celebration of Central Wisconsin Waters event located at Minnow Ponds Park, Edgar, WI on June 4th, 2017		Public outreach and education	Open to the general public



# Village of Weston MS4 Illicit Discharge Survey Dry Weather – Major Outfalls

**2017**

## **Summary**

As part of the Village’s General Permit to discharge under the Wisconsin Pollutant Discharge Elimination System (WPDES), the Village is required to implement and enforce a program to remove illicit connections and discharges to the Municipal Separate Storm Sewer System (MS4). To begin this program, initial field screening at all major outfalls during dry weather periods has to be conducted, which this report summarizes.

The Village’s storm water system contains sixteen (16) major outfalls (discharge points). “Major” having one of the two following meanings: (1) Pipes with an inside diameter of 36 inches or more or equivalent conveyance which is associated with a drainage area of more than 50 acres; (2) Pipes with an inside diameter of 12 inches or more or equivalent conveyance which receives storm water runoff from land zoned for industrial activity with 2 or more acres of industrial activity, but not land zoned for industrial activity that does not have any industrial activity present.

A discharge flow was observed in five (5) of the outfalls during “dry weather” conditions. One of the outfalls (CC-1) which outlets just north of St Clare’s Hospital on Birch St. had signs of an illicit discharge. There was 0.2 mg/L of chlorine detected in this outfall. The flow was traced back to a leaking sprinkler irrigation line owned by the Village. The Village turned off the irrigation line and will have the leak repaired in 2018. After this detection was made, staff went back and checked the outfall and no chlorine was detected. Thus, after turning off the water for the irrigation line, the chlorine source was found.

All of the water quality testing from the other 4 outfalls indicated there were no typical “illicit” discharges occurring at the time of the sampling.

Storm water from the Village drains to five water bodies. Northeast Weston drains to Big Sandy Creek, the south portion of the eastern extent of the Village drains to Bull Junior Creek, southern Weston drains to Cedar Creek, the north, western and central portions of the Village drain to the Eau Claire River, and the west central portion of the Village drains through the Village of Rothschild into the Wisconsin River.

## **Introduction**

The Weston storm sewer system is a mix of older storm sewers and relatively new piping systems. The majority of the system falls into the 0-20 year range with replacements and updates being done yearly. Weston has been a fast growing municipality and as such, many of the utilities are updated regularly.

All together, the Weston systems collect and transport storm water from residential, commercial and industrial areas within the Village. Weston has two storm sewers that discharge into Rothschild en route to the Wisconsin River which are located on Jelinek Ave. and Huess Ave.

## **Inventory**

The Village met with Brad Johnson of the Wisconsin Department of Natural Resources (WDNR) on September 25, 2011 to go over the major outfalls in the Village of Weston. It was agreed upon that past maps which have been sent to the WDNR did not correctly identify/classify the major outfalls, and as such there are now 16 major outfalls in the Village of Weston as shown on the attached map. The major outfalls that were listed previously included cross culverts and outfalls that fed into detention basins and were not direct flows into a water body. As such, the attached map has these previous outfalls listed as either exempt or shown correctly as a culvert.

From a study conducted in 2009, there are 75 drainage basins in the Village which are serviced by storm sewers. Some are as small as a single curb/gutter inlet and a single pipe discharging into an adjacent grassed swale, while others service an extensive area with many catch basins and pipe segments. These smaller basins all contribute to the major detention basins which are shown on the attached map.

As noted above, there are sixteen (16) major outfalls identified in the Village of Weston. Two (2) of these outfalls convey storm water to the Village of Rothschild at Heuss Ave. and Jelinek Ave.

One (1) outfall is only 12 in. and would not typically be considered a major outfall, but after discussions with Brad Johnson of WDNR this outfall was added, and is located just south of STH 29 at Birch St. One of the main reasons for this addition is that this outfall serves the Hospital area and drains directly into a wetland system.

**Table 1: Village of Weston Major Outfalls**

Outfall Number	Pipe Size (in)	Receiving Body	Discharge Location	Basin Land Use
WR-1	54	Wisc. River	Heuss Ave. @ Rothschild/Weston Border	Residential, Institutional
WR-2	36	Wisc. River	Jelinek Ave. @ Rothschild/Weston Border	Residential, Institutional, Commercial
ECR-1	72	Eau Claire River	Northeast corner of Pleasant View Dr.	Residential, Commercial, Industrial
ECR-2	72	Eau Claire River	~1,000 ft. east of Camp Phillips Rd. at Eau Claire Ave.	Residential, Industrial, Institutional
ECR-3	60	Eau Claire River	North end of LeDuc St.	Residential, Industrial
ECR-4	42	Big Sandy Creek	West end of Cathy St.	Residential
ECR-5	36	Big Sandy Creek	West end of Alex St.	Residential
ECR-6	24	Eau Claire River	East end of Morning View St.	Residential
ECR-7	36	Eau Claire River	River Bend Rd., by N Apache Ln.	Residential
ECR-8	24	Eau Claire River	West end of Kiowa Ln.	Residential
ECR-9	36	Eau Claire River	Meridian Ave. extended on east side of Weston Dog Park	Industrial
ECR-10	24	Eau Claire River	West end of Lang Ln.	Residential
ECR-11	84	Eau Claire River	North end of Ryan St.	Residential, Industrial
ECR-12	48	Eau Claire River	Callon Ave. between Zinser St. and Dusk St.	Residential, Industrial
CC-1	12	Wisc. River	Birch St. at south side of STH 29	Commercial, Institutional
CC-2	54	Cedar Creek	SE corner of Meadow Rock Dr. and Camp Phillips Rd.	Commercial, Industrial

## Dry Weather Flows

Dry weather flows were observed in the following five (5) Major Outfalls:

1. **WR-1:** This 54-inch pipe is located on Heuss Avenue and flows into the Village of Rothschild's system at Volkman Street. A constant dry weather flow over one-inch was observed. Sample was taken via manhole on Heuss Avenue. The area served is mainly between Birch St to the East, STH 29 to the South and Neupert Ave to the North. This area consists of primarily residential and institutional land users.



**Picture 1: Pipe with an Arrow is the pipe that drains water from the Kennedy Park Stream down to Heuss Avenue. This pipe has a slightly lower invert than the other three pipes which flow down Jelinek Avenue. Sample was taken further downstream via a manhole on Heuss Avenue.**

2. **WR-2:** This 42-inch pipe is located on Jelinek Avenue and flows into the Village of Rothschild's system at Business Highway 51. A constant dry weather flow over one-inch was observed. Sample was taken via a manhole at the corner of Jelinek Ave and Machmueller St. The area served is mainly between Birch St to the East, Everest Ave to the South and Neupert Ave to the North. This area consists of primarily residential and institutional land users. WR-1 and WR-2 are fed via the stream flowing through Kennedy Park between Alderson St. and Alta Verde St.



Picture 2: WR-2 (Intersection of Machmueller St and Jelinek Ave looking West towards BUS 51).

3. **ECR-1**: This 72-inch outfall located in the northeast corner of Pleasant View Dr. serves the northwestern part of the Village's storm water system. A dry weather flow of one-inch or less was observed. The area served is mainly between Ross Ave. and Schofield Ave. between Alderson St. and just west of Camp Phillips Rd. This area consists of both residential and industrial customers. The flow that was detected was traced back to semi-trailer washing at an upstream industrial site. Upon discussion with the company and with follow up visits, the dry weather flow ceased to exist.



Picture 3: ECR-1 (Northeast corner of Pleasant View Dr)

4. **ECR-2:** This 72-inch outfall located approximately 1,000 ft. east of Camp Phillips Rd. at Eau Claire Ave. serves the north central part of the Village's storm water system. A constant dry weather flow over one-inch was observed. The area served is mainly between Ross Ave. and E. Everest Ave. from just west of Camp Phillips Rd. to Von Kanel St. This area consists of both residential and industrial customers, along with Weston Elementary School.



Picture 4: ECR-3 (~1,000 ft. east of Camp Phillips Rd. at Eau Claire Ave.)

5. **CC-1:** This 12-inch outfall located just south of STH 29 at Birch St. serves the northern part of the Village's storm water system around the hospital. A dry weather flow of about one-inch was observed. The area served is mainly Stone Ridge Dr., Ministry Parkway, Cranberry Blvd. and the Hospital. This area consists of commercial and institutional customers.



Picture 5: CC-1 (south of STH29 at Birch St.)

## Water Quality

Dry weather flows were observed in five (5) of the major outfalls. Observations were made at least three days after the most recent rainfall event. Water quality tests were completed utilizing Hach Storm Water Test Kit Cat. No. 24813-00. One substance was detected at CC-1 (chlorine), upon detection and turning off the irrigation line, no further illicit discharge was observed throughout November 2017. Results are presented in Table 2 below.

**Table 2: Field Test Results**

OUTFALL	TEMP °F	pH	CHLORINE	COPPER	PHENOLS	DETERG
WR-1	50	8.2	0.0	0 / 0 = 0	0.0	0.0
WR-2	49	8.2	0.0	0 / 0 = 0	0.0	0.0
ECR-1	52	8.0	0.0	0 / 0 = 0	0.0	0.8
ECR-2	51	8.4	0.0	0 / 0 = 0	0.0	0.0
CC-1	51	7.7	0.0	0 / 0 = 0	0.0	0.0

Outfalls were observed on 10/20/17

**APPENDIX A**

**VILLAGE OF WESTON STORM SEWER MAP**

# Storm Sewer System Map



**Legend**

**Storm Sewer DIAMETER**

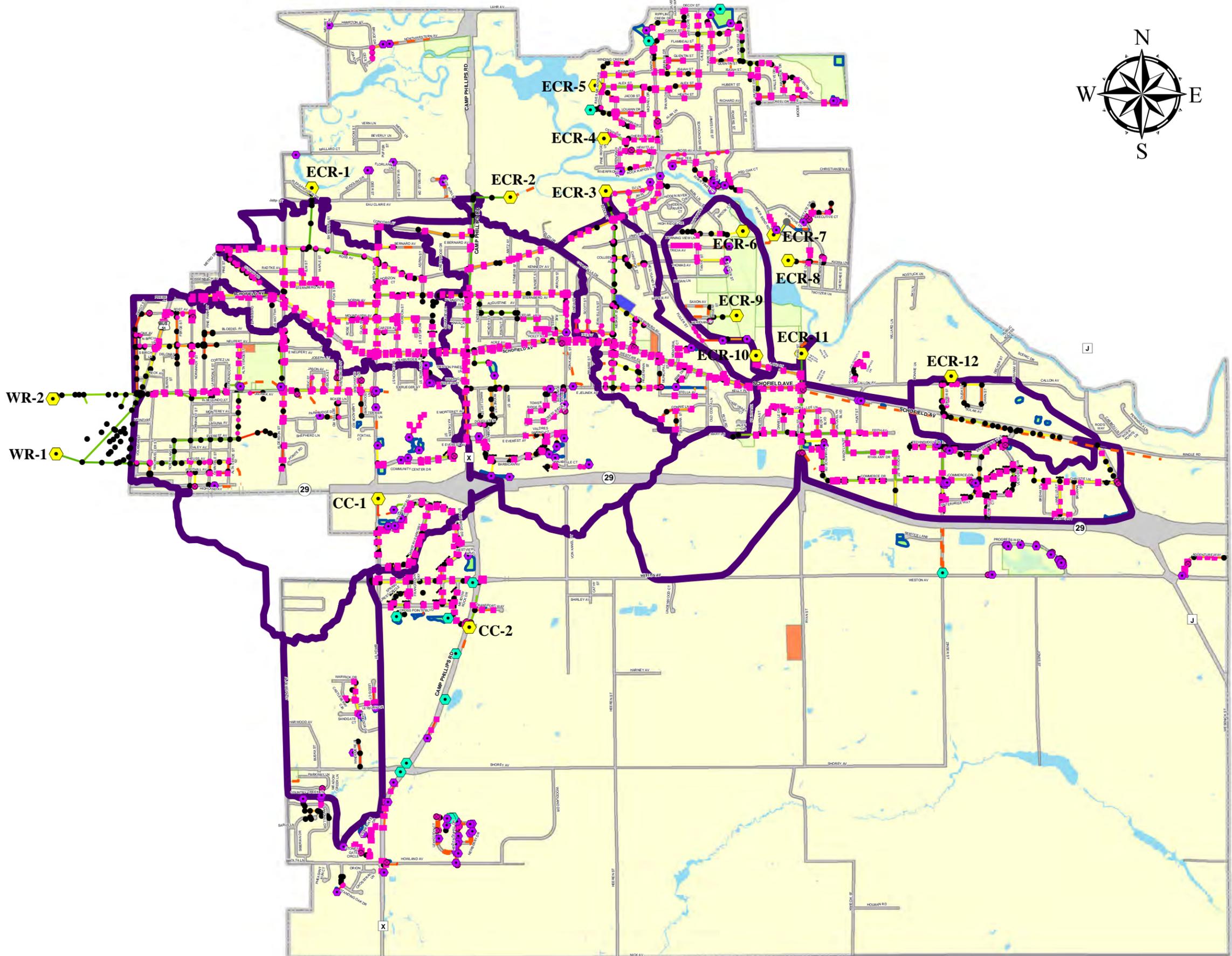
- 84
- 76
- 72
- 60
- 54
- 48
- 42
- 36
- 32
- 30
- 27
- 24
- 21
- 18
- 15
- 12
- 10
- 8
- 6

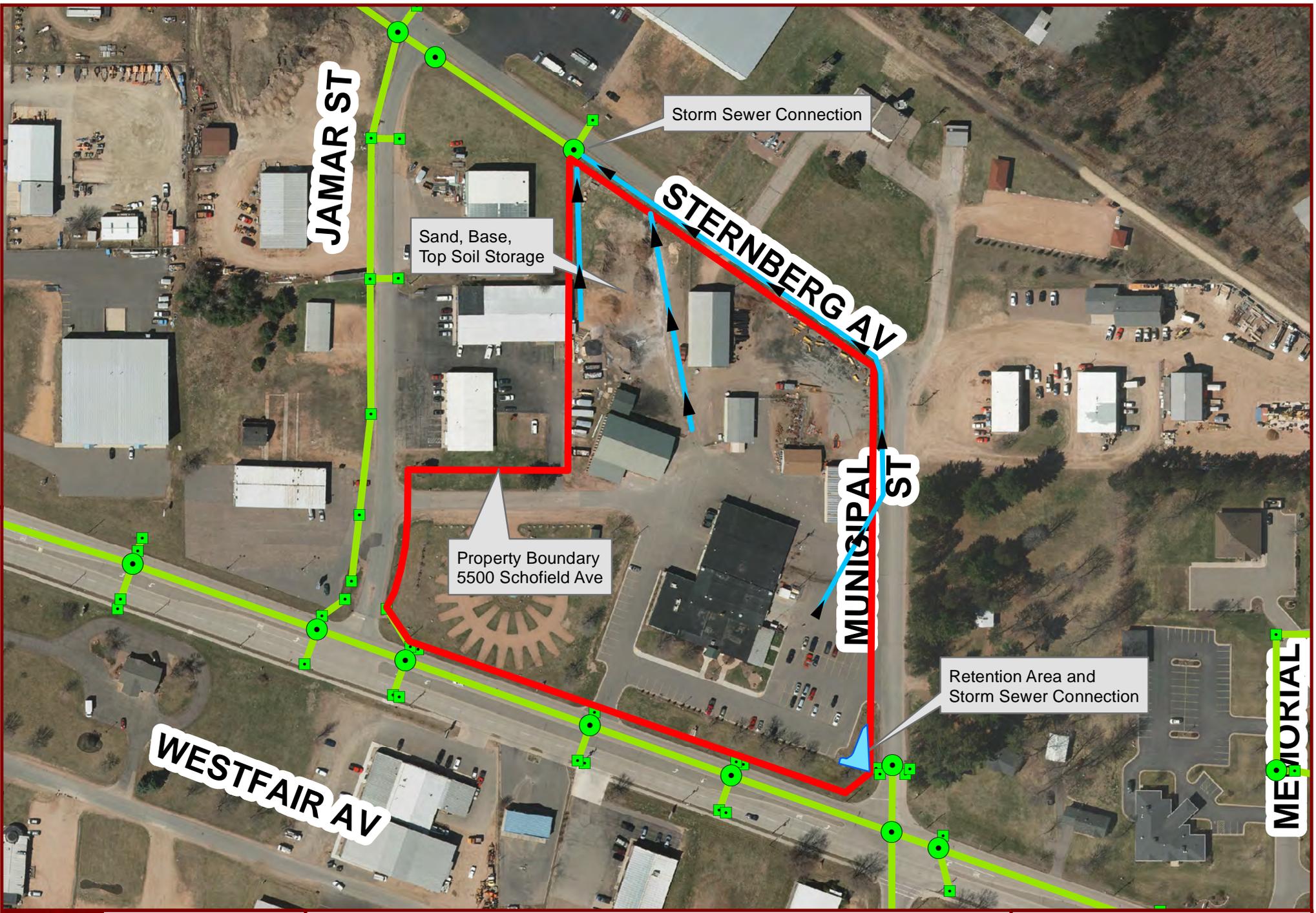
**Outfalls**

- Minor
- Major
- Major, Exempt
- <all other values>

**Inlet Type**

- Catch Basin
- Endwall
- Inlet
- Manhole
- Culvert
- Ditch
- Basin Boundary
- Detention Pond
- Drainage\_basins
- Municipal Garages, Storage Areas
- Park
- Safety Building, Garages
- Water






**Village of Weston**  
Municipal Center  
5500 Schofield Ave

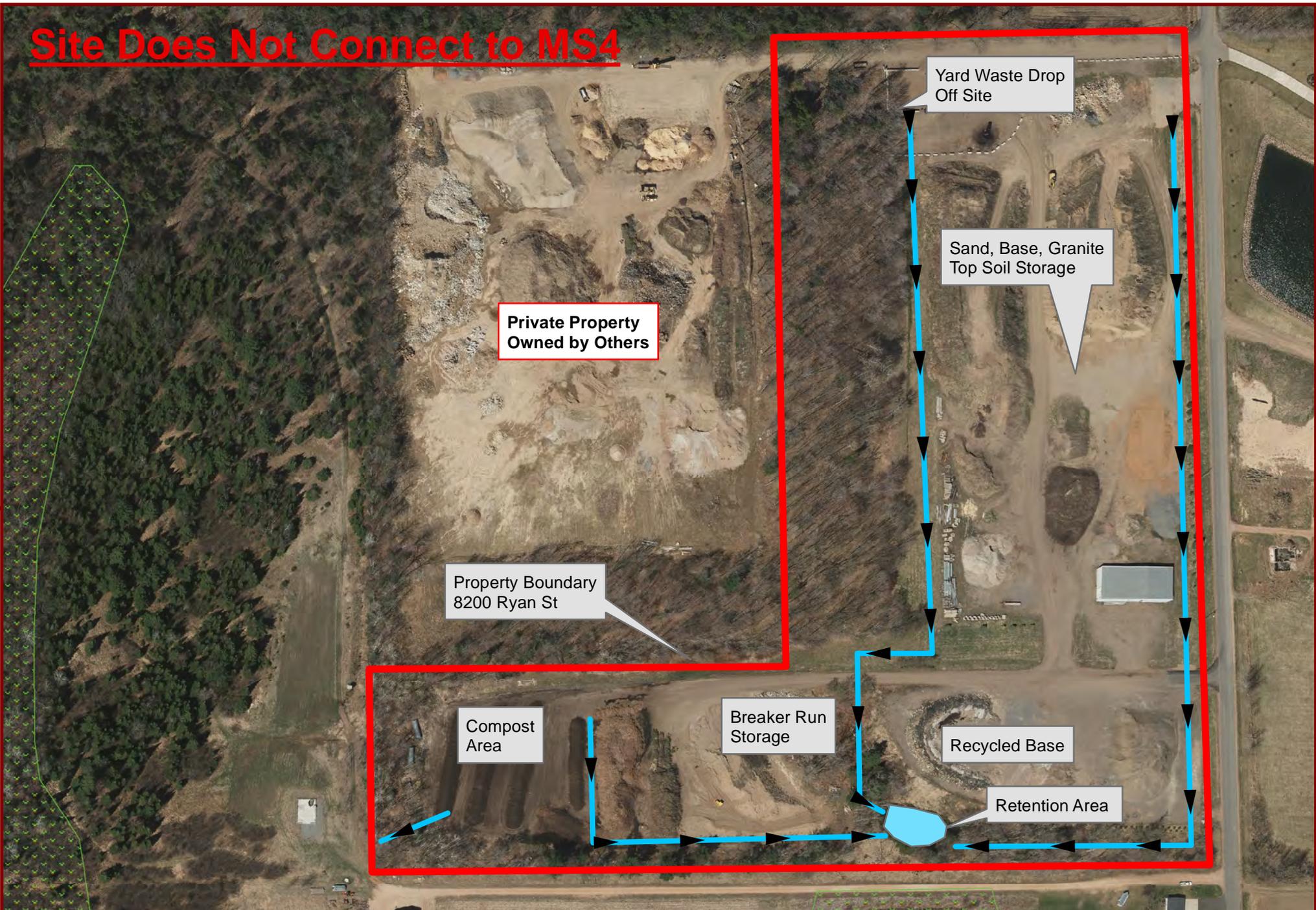
**Legend**

- Storm Manhole
- Storm Inlet
- Storm Sewer
- ▶ Drainage Pattern

0      75      150      300  
Feet



# Site Does Not Connect to MS4



 <b>Village of Weston</b> Yard Site 8200 Ryan St	<b>Legend</b>			
	 Storm Manhole	 Storm Sewer	 Drainage Pattern	
	 Storm Inlet	 Wetlands		
				
				0 75 150 300 Feet