



AGENDA OF THE IMPROVEMENT AND SERVICES COMMITTEE

WEDNESDAY, FEBRUARY 28, 2024, 5:00 PM
Immediately following Parks Committee.

In person at City Hall, Room 207
Virtual attendance also available via Zoom.

A. Zoom Meeting Information.

I. Join Zoom Meeting Online:

<https://us02web.zoom.us/j/82206544400?pwd=NDdlbmNzNUhBWVU5ckIzMjZ2QT09>

Or call in by phone: +1 312 626 6799

Meeting ID: 822 0654 4400

Passcode: 635662

If you wish to speak at this public meeting or leave a comment, please fill out the online [Comment Form](#) prior to the meeting. More detailed [Zoom Instructions](#) can be found online.

B. Roll Call.

C. Approval of the Agenda.

D. Approval of Minutes.

E. Regular Business.

1. Consideration with possible action on request by Ald. Steuer on behalf of Chong Cha and James Wirch to rescind the charge of \$85.60 for snow and ice removal at their property at 1771 Nancy Avenue.
2. Consideration with possible action on request by Green Bay Parking Division on charging for funeral meter hooding services.
3. Consideration with possible action on request by Department of Public Works to modify previously approved Professional Services Agreement for Field Inspection Services on Public

Construction Contracts for 2024 from \$200,000.00 to \$700,000.00.

4. Consideration with possible action on request by Department of Public Works to approve the emergency sewer repair services agreement between the City of Green Bay & De Keyser Construction and the City of Green Bay & De Groot Inc. for 2024.
5. Consideration with possible action on request by Department of Public Works to review and approve the 2023 Annual Municipal Separate Storm Sewer System (MS4 Report).
6. Consideration with possible action on request by Department of Public Works to award Parks I-24 JOANNES PARK- PARKING LOT RESURFACING at a staff level due to timeliness factor and schedule of upcoming Improvement & Services Committee and Common Council meetings.
7. Consideration with possible action on request by Department of Public Works to enter into a Professional Services Agreement with Mach IV for the design of infrastructure for Arndt and Bridge Streets adjacent to the Shipyard Development.
8. Consideration with possible action on request by Department of Public Works to award purchase of two Bobcat UW56 Toolcats to Bobcat Plus Inc., in the amount of \$179,603.54.
9. Consideration with possible action on request by Department of Public Works to award purchase of six post truck lifts to Stertil-Koni USA, Inc. in the amount of \$81,276.25 which includes delivery, setup, warranty, and mechanic training.
10. Consideration with possible action on request by Department of Public Works to award purchase of front end loader wing and plow to Monroe Truck Equipment in the amount of \$60,104.00.
11. Consideration with possible action on request by Department of Public Works to award purchase of Sewer Inspection CCTV Camera to Aries Industries, Inc., in the amount of \$27,698.00.
12. Consideration with possible action on request by Department of Public Works to award purchase of two 1,800-gallon brine tanks to Monroe Truck Equipment in the amount of \$74,896.00.
13. Consideration with possible action on request by Department of Public Works to award purchase of front end loader to Airing Equipment in the amount of \$172,891.87.
14. Consideration with possible action on request by Department of Public Works to award purchase of two tandem axle plow truck chassis to Packer City International in the amount of \$249,550.00.
15. Consideration with possible action on request by Department of Public Works to award the TRANSIT I-24 JOIST REPAIR contract at a staff level and report the award at the next Improvement & Services Committee meeting.
16. Consideration with possible action on request by Department of Public Works to award the PAVEMENT X-24 HOWARD ST., S. OAKLAND AVE., AND SCHOOL PL. RECONSTRUCTION AND SEYMOUR PARK WEST STORMWATER POND contract at a staff level and report the award at the next Improvement & Services Committee meeting

following the contract award.

17. Consideration with possible action on the review and award of contract RAMPS I-24 PARKING RAMP REPAIRS.
18. Consideration with possible action on request by Department of Public Works to award a sole source contract to OilGear for the rehabilitation of two existing OilGear PVK Series Pumps for the hydraulic rehabilitation of the Ray Nitschke Memorial Bridge, not to exceed \$115,000.00.
19. Consideration with possible action on request by Department of Public Works to award a design services contract for the structural rehabilitation of the Ray Nitschke Memorial Bridge at a staff level and report the award at the next Improvement & Services Committee meeting.
20. Consideration with possible action to approve and accept the easement for sewer purposes required for the Grove Street siphon project.

<u>Part of Tax Parcel Interest</u>	<u>Owner's Name</u>	<u>Amount</u>
<u>#</u>	<u>Required</u>	
17-1061	Easement	Green Bay Area Public School District \$10.00

21. Report of actions taken by the Department of Public Works.

A. Granting of Licenses

1. Sidewalk Builder

- a. Scott R. Weidner Concrete Construction LLC
- b. Verheyen Construction
- c. Craftsman Concrete LLC
- d. LDR Utility, Inc.
- e. RG Hendricks Concrete Construction
- f. Mc Donald Services LLC
- g. Carter Trucking & Excavating Inc.
- h. JC Santy Construction
- i. Bath Concrete Flatwork, LLC
- j. JD Concrete Corporation

2. Tree & Brush Trimmer

- a. A-I Tree Service Inc.
- b. Wolfrath's Landscaping, LLC
- c. Yesterdays Trees
- d. R&J Tree Services
- e. All WI Tree Services, LLC

3. Underground Sprinkler System

- a. Fox Valley Irrigation Inc.
- b. ADC Maintenance LLC
- c. Wolfrath's Landscaping, LLC

F. Informational.

- 1. Director's Report on recent activities of the Public Works Department.
- 2. The next Improvement & Services Committee meeting is scheduled for March 13, 2024.

G. Public Hearings.

H. Adjournment.

- 1) THIS MEETING IS RECORDED: THE VIDEO OF THIS MEETING AND MINUTES ARE AVAILABLE ONLINE AT www.greenbaywi.gov
- 2) ACCESSIBILITY: Any person wishing to attend who requires special accommodation because of a disability, should contact the City Safety Manager at 920-448-3125 at least 48 hours before the scheduled meeting time so that arrangements can be made.
- 3) QUORUM: Please take notice that a majority or quorum of the Common Council will attend this Improvement and Services Committee meeting and will constitute a meeting of the Common Council for purposes of discussion and information gathering relative to this agenda.
- 4) REPRESENTATION: The party requesting the communication, or their representative, should be present at this meeting.



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

February 28, 2024

PREPARED BY

AGENDA ITEM # E.I

Consideration with possible action on request by Ald. Steuer on behalf of Chong Cha and James Wirch to rescind the charge of \$85.60 for snow and ice removal at their property at 1771 Nancy Avenue.

BACKGROUND

Pursuant to Sec. 34-14 (a), Green Bay Municipal Code:

(a) Sidewalks. The lessee, occupant of the first or ground floor, or person having charge of a building, or if there is no lessee, occupant, or person having charge, the owner of each parcel of real estate in the City abutting or bordering upon any street, avenue, highway, or other public place shall remove or cause to be removed all snow and ice from the sidewalk in front of or adjacent to such premises to the full paved width of such sidewalk within 24 hours after such snow or ice has fallen or accumulated thereon, provided, where footways or sidewalks have not been paved or duly established, snow and ice shall be removed to a width of not less than four feet from that portion of the street or way which is used in common as a footway.

On January 13, 2024, Department of Public Works staff received a complaint of sidewalk not cleared at 1771 Nancy. Staff inspected the property on January 23, finding that the snow had not been removed from the public sidewalk. DPW staff then cleared the walk and an invoice for service was prepared. A copy of the complaint, before and after photos, and a copy of the invoice have been provided.

RECOMMENDATION

Staff recommends denying the request as it is a fee for service provided that is supported by ordinance and field observations.

FISCAL IMPACT

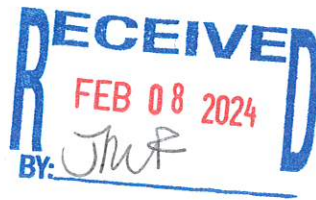
\$85.60

ATTACHMENTS

1. Dispute request 1771 Nancy Ave
2. 1171 Nancy Ave
3. Invoice 1771 Nancy Ave

To discuss, with possible action,
the rescinding of ^{payment for} INVOICE #181927
from Jan 25-2024 for the owners,
Chong Cha & James Wirch of
1771 Nancy Av.

(To I & S)



Dan Szymik

From: noreply@ci.green-bay.wi.us
Sent: Monday, January 15, 2024 1:17 PM
To: Chris Pirlot; Crede Haut; Dan Szymik; Dustin McMullen; Josh Brassfield; Justin Linzmeier; Nathan Wachtendonk; Stuart Stormer
Subject: New Request: Sidewalk & Pavement - SIDEWALK COVERED BY SNOW AND/OR ICE

SIDEWALK & PAVEMENT - SIDEWALK COVERED BY SNOW AND/OR ICE

ADDRESS: 1779 NANCY AV

was also billed

Sidewalk not cleared.

Minutes:

RateID:

Snow:

PickUpDate:

01/15/2024 01:16 PM

Entered By:SheilaPe

CITY OF GREEN BAY PUBLIC WORKS DEPARTMENT
SNOW & ICE CONTROL

PARCEL #: _____
INVOICE #: _____
INV. DATE: _____

PROPERTY IDENTIFICATION

PARCEL #: 6-2401 ADDRESS: 1771 Nancy Av DISTRICT: 10

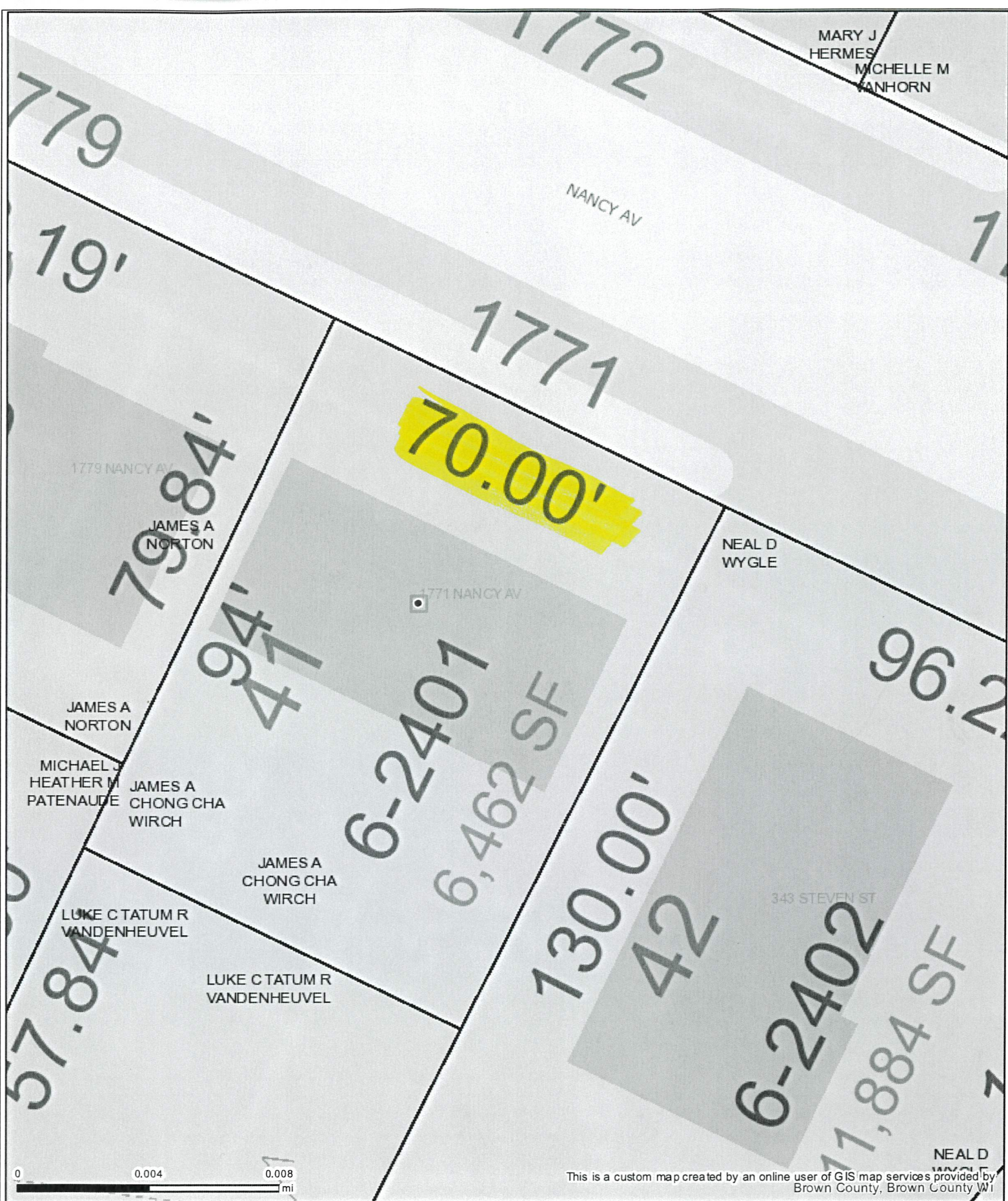
ORIGINAL COMPLAINT

COMPLAINT DATE: 1/15/24 TIME: 1:17 AM PM
RECEIVED: ☐ PHONE ☒ WEB/EMAIL ☐ ALDER ☐ INSP. DEPT. ☐ SUPERVISOR ☐ MAYOR

INSPECTION & WORK DONE BY CITY

WORK DATE: 1/23/24 EMPLOYEE(S): Ryan Lewis
TYPE OF WORK: ☐ SNOW REMOVAL ☐ ICE CONTROL ☒ BOTH
START TIME: 12:22 AM PM END TIME: 12:35 AM PM
☐ NORTH _____ % _____ FT ☒ SOUTH 75 % 70 FT
☐ EAST _____ % _____ FT ☐ WEST _____ % _____ FT
APPROVED BY: ARS

704



Part of Brown County WI

Map printed on 1/23/2024

1:240
1 inch = 20 feet*
1 inch = 0.00379 miles*
*original page size: 8.5"x11"
Appropriate format depends on zoom level

Parcel ownership key

- Parcel Boundary
- Condominium
- Gap or Overlap
- "hooks" indicate parcel ownership crosses a line

- Parcel line
- Right of Way line
- Meander line
- Lines between deeds or lots
- Historic Parcel Line
- Vacated Right of Way

A complete key (legend) is available at:
tinyurl.com/BrownDogLegend



(920) 448-6480
www.browncountywi.gov



GREEN BAY CITY TREASURER

100 North Jefferson Street, Room 106
Green Bay, WI 54301-5026

INVOICE

Invoice Date	Invoice No.
01/25/2024	181927
Customer Number	
66352	
Invoice Total Due	
\$85.60	
Customer PO	Due Date
	02/24/2024

FOR PARCEL 6-2401 AT 1771 NANCY AVE - ACTION
TAKEN: SNOW / ICE REMOVAL 1/23/2024

CHONG CHA & JAMES A WIRCH
1771 NANCY AVE
GREEN BAY, WI 54303-3358

✂ Please Detach and return top portion with your payment ✂

City of Green Bay, Green Bay, WI 54301

Invoice Date: 01/25/2024

Customer Number: 66352

Description	Quantity	Price	UOM	Original Bill	Adjusted	Paid	Amount Due
CHARGE PER LINEAR FOOT	70.00	\$0.28	EACH	\$19.60	\$0.00	\$0.00	\$19.60
ADMINISTRATIVE CHARGE PER PARCEL	1.00	\$66.00	EACH	\$66.00	\$0.00	\$0.00	\$66.00
Please put Invoice Number on your check. Make checks payable to City of Green Bay.				Invoice Total:		\$85.60	

GENERAL ORDINANCE 9.30 SNOW AND ICE REMOVAL REGULATIONS - THE AMOUNT MUST BE PAID IN
30 DAYS OR BE PLACED ON THE TAX ROLL. PLEASE CALL THE DEPARTMENT OF PUBLIC WORKS AT
(920) 448-3535 WITH ANY QUESTIONS.

ORIGINAL
COPY



Report to the Improvement and Service Committee of the City of Green Bay

MEETING DATE

February 28, 2024

PREPARED BY

AGENDA ITEM # E.2

Consideration with possible action on request by Green Bay Parking Division on charging for funeral meter hooding services.

BACKGROUND

Former City of Green Bay Parking Utility (dissolved in 1998) and current DPW-Parking System Division have never charged funeral homes or churches for parking meter hooding services to reserve parking meters directly adjacent to downtown churches during funeral services. As far as can be determined, this practice dates back to the 1940s or 1950s when City of Green Bay started installing parking meters. From a human perspective, no charge meter hooding for funerals is a great benevolent gesture. However, there is a cost associated with this program. No other entity is offered the benefit of no-charge parking meter hooding. The current cost for hooding/reserving parking meters is \$10.00 per stall per day.

The (former) Parking Utility and (current) DPW-Parking System Division have always been required by the City to generate their own revenue. No parking budget funding comes from the City tax levy. In these modern economic times, Parking Division struggles to balance its revenue and operating budgets. Every dollar counts. So, it is more important now than ever to operate the City's parking system as a business. Providing no-charge services does not sustain any business. Revenue must flow in to keep any business running. As such, Parking Division proposes to cease its no-charge parking meter hooding program. With this change, churches and/or funeral homes will need to pay the standard parking meter hooding charge if they wish to reserve meters for funerals.

There has never been a requirement for churches to reserve parking meters for funerals. Funeral attendees have always been required to pay any parking meter if it is not hooded. Hooding/reserving parking meters for funerals is merely a convenience for funeral attendees. With elimination of the no-charge funeral hood program, meters can still be hooded for funerals. But somebody will need to pay for that service. The cost can no longer be covered by Parking Division.

There are a total of five (5) downtown churches located within metered parking zones. Saint Willibrord Church requests funeral mass meter hooding most often...approximately two (2) times per month. Lost revenue from Saint Willibrord meter hooding services amounts to a revenue loss of approximately \$2,500 annually. Other churches request parking meter funeral hooding services less often. Churches pay for meter hooding services for all other events.

RECOMMENDATION

Parking Division recommends that the no-charge parking meter hooding charge for funeral activity be eliminated. Although the no-charge meter hooding program shows compassion to grieving families and benevolence to churches, Parking Division must generate revenue to remain financially independent from the City. In addition, providing no-cost services to churches and not to other businesses shows favoritism, which Parking Division prefers to eliminate.

FISCAL IMPACT

Green Bay Parking Division revenue will increase as churches and funeral homes pay for meter hoods as all other entities do.

ATTACHMENTS

- I. 2024 Funeral Meter Hooding Proposal

Inter-Office Memo

Date: February 2, 2024

To: Improvement and Services Committee

From: Christopher J. Pirlot, P.E.
Parking Manager

RE: Hooding of Parking Meter for Funerals

The intent of this report is to discuss the long-time City of Green Bay Parking Division. The report is being drafted in response to a recent conflict between a pre-approved road closure and funeral meter hooding request. As a result, Parking Division reviewed its current practice for meter hooding. That review indicated that funerals are the only item for which Parking Division does not charge for meter hooding. Following is a discussion regarding elimination of no-charge meter hooding activities.

History and Background Information

City of Green Bay Parking Utility (dissolved in 1998) and the current DPW-Parking System Division have not charged funeral homes or churches for parking meter hooding services. Meter hooding for funerals is done to reserve parking spaces directly adjacent to downtown churches during funeral services. As far as can be determined, this practice dates to the 1940's or 1950's when City of Green Bay started installing parking meters.

From a human perspective, no-charge meter hooding for funerals is a nice benevolent gesture on the part of Parking Division. However, there is a cost associated with this program. No other entity (for-profit or non-profit) is offered no-charge parking meter hooding services. The current Parking Division charge for hooding/reserving parking meters is \$10.00 per meter per day.

DPW-Parking System Division is required to generate its own revenue. Parking Division operating budget is not funded by tax dollars. In these economic times, Parking Division struggles to balance its revenue and operating budgets, so every revenue dollar counts. Consequently, Parking Division has been adjusting its programs to align them more with typical business practices as opposed to government agency practices.

Providing no-charge services does not sustain any business. As such, Parking Division proposes to cease the no-charge parking meter hooding practice for funerals and churches. With this change, churches and/or funeral homes will be required to pay the standard parking meter hooding charge if they wish to reserve meters for funerals or other activities.

Discussion

There never has been a requirement for churches or funeral homes to reserve parking meters for funerals. That is a personal decision. However, funeral attendees have always been required to pay for any parking meter if it is not hooded. Hooding/reserving parking meters for funerals is a convenience for funeral attendees. With elimination of the no-charge funeral hood program, meters can still be hooded for funerals. But somebody will need to pay for that service. The cost would no longer be covered by Parking Division.

There are a total of five (5) downtown churches located within City of Green Bay metered parking zones. Historically Francis Xavier Cathedral and Saint Willibrord Church have requested funeral meter hooding most frequently. Currently, Saint Willibrord Church requests funeral mass meter hooding the most with approximately two (2) requests per month. Saint Willibrord Church meter hooding alone amounts to Parking Division revenue loss of approximately \$2,500 annually. As noted above, because Parking Division is not a cash rich operation, every revenue dollar counts towards a balanced operating budget.

Conclusion/Recommendation

Parking Division recommends that the no-charge parking meter hooding program for funerals be eliminated. Although this no-charge practice shows compassion to grieving families and benevolence to churches, Parking Division must generate revenue to remain financially solvent. In addition, providing no-charge services only to churches can be interpreted as showing favoritism. Parking Division prefers to eliminate those kinds of stigma.

If approved, it is preferred that the no-charge meter hooding program for funerals be discontinued as soon as possible. However, Parking Division is amenable to continuing it through the end of 2024, providing an opportunity to notify funeral homes and churches of the pending change.



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

February 28, 2024

PREPARED BY

AGENDA ITEM # E.3

Consideration with possible action on request by Department of Public Works to modify previously approved Professional Services Agreement for Field Inspection Services on Public Construction Contracts for 2024 from \$200,000.00 to \$700,000.00.

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

None



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

February 28, 2024

PREPARED BY**AGENDA ITEM # E.4**

Consideration with possible action on request by Department of Public Works to approve the emergency sewer repair services agreement between the City of Green Bay & De Keyser Construction and the City of Green Bay & De Groot Inc. for 2024.

BACKGROUND

The Department of Public Works is required to conduct emergency sewer repairs when necessary to ensure public health and safety. This work is budgeted for each year but cannot be planned in advance due to the emergency nature. The majority of emergency repairs are less than \$25,000; however, the work occasionally may exceed \$25,000. Cumulatively during the year the work is expected to exceed \$25,000.

RECOMMENDATION

To approve the award of emergency repair services work to De Keyser Construction and De Groot for 2024.

FISCAL IMPACT

Emergency sewer repair services are budgeted for under the Stormwater and Sanitary Sewer Utility capital improvement projects budget.

ATTACHMENTS

1. 2024 Services Agreement De Groot Inc, and COGB DPW V2
2. 2024 Services Contract DeKeyser Construction - DPW

Services Agreement

De Groot Inc. and The City of Green Bay Department of Public Works

This Services Agreement (the “**Agreement**”) sets forth terms under which De Groot Inc. (“**Company**”) shall provide services to the COGB-DPW (City of Green Bay Department of Public Works). This Agreement is effective as of 01-01-2024 (“**Effective Date**”).

1. **Services.** Company shall provide Emergency Sewer Repair Services (“**Services**”) to the COGB-DPW as requested by COGB-DPW that reference this Agreement (“**AGREEMENT**” or “**Statement of Work**”). Company shall perform Services in a prompt manner to address emergency repairs. The COGB-DPW shall assist the Company by promptly providing all information requests known or available and relevant to the Services in a timely manner.

2. **Independent Capacity.** The parties hereto agree that the Company, its officers, agents, and employees, in the performance of this agreement shall act in the capacity of an independent contractor and not as an officer, employee, or agent of the COGB-DPW. The Company agrees to take such steps as may be necessary to ensure that each subcontractor of the Company will be deemed to be an independent contractor and will not be considered or permitted to be an agent, servant, joint ventures, or partner of the COGB-DPW.

3. **Contract Price.** For performance of the Services as defined in Attachment A including in this document. COGB-DPW shall pay to Company all fees due under the applicable Rate Sheet Attachment A. Agreement has no guaranteed spend and is strictly on a as needed basis.

4. **Dates of Performance.** Company will begin performing services upon receipt of signed Agreement or as stated in applicable AGREEMENT. Unless terminated as provided in this Agreement, Company will complete Services by the Completion Date. The agreement is effective from 01-01-2024 through 12-31-2024.

5. **Change in Services.** The COGB-DPW has the right to change or cancel service requested under this agreement.

6. **Term.** The term of this agreement shall be in effect as of the Effective Date and shall continue until terminated by either party as set forth in Section 7 of this agreement.

7. **Termination.** COGB-DPW shall have the right to terminate the agreement and any related work in process with thirty days’ written notice to Company. In the event COGB-DPW terminates the agreement prior to completion of Services, COGB-DPW shall pay Company the fees due under the agreement with respect to Services completed as of the date of termination. Upon settlement of funds due to Company, all COGB-DPW provided materials will be returned to COGB-DPW and all COGB-DPW use rights in the work in process as described in Section 9 will be transferred to COGB-DPW. If at any time the Company’s performance threatens the health and/or safety of the COGB-DPW or the public, the COGB-DPW has the right to terminate the contract without notice. If the Company fails to maintain and keep in force the insurance as required, the COGB-DPW has the right to terminate the contract without notice.

Company shall have the right to terminate the agreement and any related work in process with thirty days' written notice to COGB-DPW. In the event Company terminates the agreement prior to completion of Services, the COGB-DPW shall pay Company the fees due under the AGREEMENT with respect to the Services completed as of the date of termination. A written notification of termination shall be delivered to the Purchasing Department.

8. Payment of Services. In exchange for Company's Services under this Agreement, the COGB-DPW shall pay Company the contract price as set forth in the applicable AGREEMENT. Company will submit a final invoice to COGB-DPW for all services rendered by the Services Completion Date and COGB-DPW shall pay using the next 30 terms upon receipt of the invoice. In the event of a good faith dispute with regard to an item appearing on an invoice, COGB-DPW shall have the right to withhold payment while the parties attempt to resolve the disputes.

9. Representations. Both Parties represent that they are fully authorized and empowered to enter into this Agreement, and that the performance of the obligations under this Agreement will not violate or infringe upon the rights of any third-party or violate any agreement between the Parties and any other person, firm or organization or any law or governmental regulation.

10. Indemnification. The Company will indemnify, pay the cost of defense including attorney's fees, and save harmless the COGB-DPW and all of its officers, agents and employees from all suits, actions, or claims of any character brought for or on account of any injuries or damages received by any persons or property resulting from the operations of the Company, or of any of its contractors, in prosecuting work under this agreement.

11. Limitation of Liability. COGB-DPW WILL NOT BE LIABLE FOR ANY LOSS OF USE, INTERRUPTION OF BUSINESS, LOST PROFITS, OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY KIND REGARDLESS OF THE FORM OF ACTION WHETHER IN CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT PRODUCT LIABILITY, OR OTHERWISE, EVEN IF IT HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT COGB-DPW'S AGGREGATE LIABILITY UNDER THIS AGREEMENT EXCEED THE FEES PAID TO COMPANY HEREUNDER.

12. Warranty. EXCEPT FOR THE WARRANTIES SET FORTH IN THIS AGREEMENT AND ANY AGREEMENT, EACH PARTY EXPRESSLY DISCLAIMS ANY AND ALL OTHER WARRANTIES OF ANY KIND OR NATURE, WHETHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

13. Confidential Information. Each Party (on its behalf and on behalf of its subcontractors, employees or representatives, or agents of any kind) agrees to hold and treat all confidential information of the other Party, including, but not limited to, trade secrets, sales figures, employee and customer information and any other information that the receiving Party reasonably should know is confidential ("**Confidential Information**") as confidential and protect the Confidential Information with the same degree of care as each Party uses to protect its own Confidential Information of like nature.

Confidential Information does not include any information that (i) at the time of the disclosure or thereafter is lawfully obtained from publicly available sources generally known by the public (other than as a result

of a disclosure by the receiving Party or its representatives); (ii) is available to the receiving Party on a non-confidential basis from a source that is not and was not bound by a confidentiality agreement with respect to the Confidential Information; or (iii) has been independently acquired or developed by the receiving Party without violating its obligations under this Agreement or under any federal or state law.

14. Compliance with Laws. Each party shall perform all of its obligations under this Agreement in compliance at all times with all foreign, federal, state and local statutes, orders and regulations, including those relating to privacy and data protection. COGB-DPW may require additional forms and reporting for compliance per city requirements depending on scope of work.

15. Nonexclusive Contract. Unless otherwise stated, COGB-DPW reserves the right to purchase work or materials outside of this contract.

16. Insurance. Company is to maintain at all times insurance by an insurance company licensed to do business in the State of Wisconsin, with a minimum AM Best rating of A-. Company is to supply a Certificate of Insurance (COI) to the Purchasing Department prior to commencement of work. Unless otherwise stated in the applicable AGREEMENT the following are the minimum coverage that must be held by the Company.

Commercial General Liability

- \$1,000,000 per occurrence
- \$1,000,000 Products liability and completed operations.
- \$2,000,000 General Aggregate
- \$1,000,000 Personal and advertising injury

COGB-DPW is to be listed as an additional insured on a primary and non-contributory basis.

Auto Liability

- \$1,000,000 per occurrence

Insurance shall be for all owned, non-owned, and hired vehicles that are used in the course of this contract.

Workers Compensation

- Maintain worker's compensation insurance as required by Wisconsin Statutes, for all employees engaged in the work.

17. General. Neither party may assign this Agreement without the prior written consent of the other party and any attempt to do so will be void. Any notice or consent under this Agreement will be in writing to the address specified below. If any provision of this Agreement is adjudged by any court of competent jurisdiction to be unenforceable or invalid, that provision shall be limited or eliminated to the minimum extent necessary so that this Agreement will otherwise remain in full force and effect. Any waivers or amendments shall be effective only if made in writing signed by a representative of the respective parties. Both parties agree that this Agreement is the complete and exclusive statement of the mutual understanding of the parties and supersedes and cancels all previous written and oral agreements and

communications relating to the subject matter of this Agreement. Both parties agree that the Agreement is signed by a duly, authorized company representative authorized to bind the company to its terms and services and no consent from any third party is required.

18. Force Majeure. Neither party shall be in default by reason of any failure in performance of this contract in accordance with reasonable control and without fault or negligence on their part. Such causes may include, but are not restricted to, acts of nature or the public enemy, acts of the government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes and unusually severe weather, but in every case the failure to perform such must be beyond the reasonable control and without the fault or negligence of the party.

19. Choice of Law. This Agreement will be deemed to have been made in and shall be construed pursuant to the laws of the State of Wisconsin and the United States without regard to conflicts of law's provisions thereof.

20. Remedies. COGB-DPW reserves all remedies available at law or equity for any disputes that arise under this Agreement. In the event of a suit or proceeding under this Agreement, Company agrees to pay all attorneys' fees if the federal or state court renders judgment substantially in COGB-DPW's favor.

Accepted and agreed to as of the Effective Date by the authorized representative of each party:

City of Green Bay

Signature:

Print Name: Mayor Eric Genrich

Print Title: City of Green Bay Mayor

Date:

COMPANY NAME

Signature:

Print Name: Mark De Groot

Print Title: President

Date:

City of Green Bay

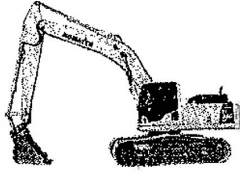
Signature:

Print Name: Celestine Jefferys

Print Title: Clerk

Date:

Attachment A



De Groot, Inc.

4201 Champion Rd, Green Bay, WI 54311

Phone: 920-866-2348 / Fax: 920-866-2361

office@degrootinc.com

December 15, 2023

GREEN BAY DPW
100 NORTH JEFFERSON
GREEN BAY, WI 54301

Dear Municipality:

De Groot, Inc. is interested in assisting you with any construction related repairs or emergencies that may arise. Feel free to call our office at the above number Monday thru Friday during the hours of 7:30 a.m. to 4:00 p.m. If our services are needed after hours or on the weekend, please see the enclosed emergency contact list. In addition to this list, we have included our 2024 Time and Material rates for your reference.

If you have any questions or are in need of our services, please give us a call.

Sincerely,

A handwritten signature in black ink, appearing to read "Mark De Groot".

Mark De Groot
President
De Groot, Inc.

DEGROOT, INC 2024 RATES

LABOR

Item Description	Hourly Rate
FOREMAN	\$ 95.74
FOREMAN/OVERTIME	\$ 143.61
FOREMAN/DOUBLETIME	\$ 191.47
LABORER	\$ 82.45
LABORER/OVERTIME	\$ 123.67
LABORER/DOUBLETIME	\$ 164.90
OPERATOR	\$ 92.33
OPERATOR /OVERTIME	\$ 138.49
OPERATOR / DOUBLETIME	\$ 184.65

TRUCKS

Item Description	Hourly Rate
LOW BOY	\$ 95.52
QUAD AXLE	\$ 53.19
TRI AXLE	\$ 51.68
ARTICULATED DUMPTRUCK	\$ 123.05
SERVICE TRUCK	\$ 21.57

MACHINES

Item Description	Hourly Rate
DIAPHRAGM PUMP	\$ 24.51
CENTRIFUGAL PUMP	\$ 24.58
TAMPER	\$ 31.26
GENERATOR	\$ 28.17
AIR COMPRESSOR	\$ 46.86
HYDRAULIC HAMMER	\$ 66.48
2" ELECTRIC PUMP	\$ 13.43
HYD ROD PUSHER	\$ 108.82
3" ELECTRIC PUMP	\$ 22.86
HYDRO VAC	\$ 80.85
TRENCH SHIELD (SHORT TERM)	\$ 337.66
ROLLER COMPACTOR	\$ 37.09
SAW	\$ 29.46
STREET CUTTING SAW	\$ 68.20
AUGERING MACHINE	\$ 108.82
WELDER	\$ 37.09
HEATER	\$ 13.37
20 KW GENERATOR	\$ 45.00

EQUIPMENT

Item Description	Hourly Rate
2 YD EXCAVATOR	\$ 198.01
1.5 YD EXCAVATOR	\$ 160.13
1.25 YD EXCAVATOR	\$ 144.54
.75 YD EXCAVATOR	\$ 87.03
.5 YD BACK HOE	\$ 83.80
SKID STEER LOADER	\$ 56.27
3 YD END LOADER	\$ 102.57
DOZER	\$ 140.00
3 YD TRACK LOADER	\$ 140.00
SP ROLLER COMPACTOR	\$ 115.43
1.25 YD END LOADER	\$ 77.41
DOZER D - 68 165HP	\$ 163.29
GRADER	\$ 99.05
KUBOTA TRACTOR W/ATTACHMENT	\$ 68.20
DOZER 70 HP	\$ 94.09
MINI EXCAVATOR - JD35	\$ 54.40

Emergency Repair Billing Procedure

The following is the billing procedure for any emergency related work:

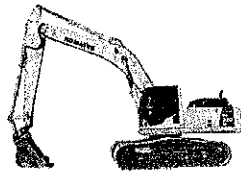
After Hours Emergency Mobilization Charge \$1200.00 (This applies to all after hours - weekdays after 3:30pm, Saturdays, Sundays & Holidays)

Non-scheduled emergency work is paid on an Overtime (OT) basis after 3:30pm. Saturday emergency work is OT and Sunday work is Double-time (DBL). Holidays are paid as DBL also.

Scheduled emergency type work refers back to the normal work pay week as OT after 40 hours and OT on Saturdays and DBL on Sundays and holidays.

The following is a list of holidays for your reference:

- New Years Day
- Memorial Day
- July 4th
- Labor Day
- Thanksgiving Day
- Christmas Day



De Groot, Inc.

4201 Champion Rd, Green Bay, WI 54311

Phone: 920-866-2348 / Fax: 920-866-2361

office@degrootinc.com

DE GROOT, INC. 2024 EMERGENCY LISTING

This list contains names and phone numbers of De Groot, Inc. personnel who can be reached after hours in case of an emergency. **(Please contact Mark first. If unable to reach him, proceed to Marty and so forth down the list.)**

MARK DE GROOT, PRESIDENT	920-621-3791
MARTY JENSEN, PROJECT MANAGER	920-621-1778
PETER DE GROOT, FOREMAN	920-621-3513
SCOTT BASTEN, FOREMAN	920-621-3510
KEVIN HUTJENS, FOREMAN	920-619-3672
BILLY CHARLES, FOREMAN	920-536-1972
PAUL RUKAMP	920-660-0965
BENJI LA CROSSE	920-619-2987
GREG SZCZEPANSKI	920-619-3230
JESSE DEPREY	920-621-3953
DREW DERENNE	920-536-0966
JACOB SCHOENEBECK	920-606-4527
JARED EDLER	920-676-6541
HAL BOUCHE	920-255-1486
STEPHEN NOWAK	920-265-9822
NATE BYRNE	920-619-3397
CALEB SZYMIK	920-655-7093
STEELE STUCKART	715-851-6348
TYLER KAQUATOSH	715-304-8625
JUSTIN BEHNKE	920-717-2834
CALVIN POST	906-282-1909
PAUL LAFOND	715-622-1260

If you have any questions or need more information, please feel free to call our office.

Thank you,

Mark De Groot
President
De Groot, Inc.

Services Agreement

De Keyser Construction and The City of Green Bay Department of Public Works

This Services Agreement (the “**Agreement**”) sets forth terms under which De Keyser Construction (“**Company**”) shall provide services to the COGB-DPW (City of Green Bay Department of Public Works) This Agreement is effective as of 01-01-2024 (“**Effective Date**”)

1. **Services.** Company shall provide Emergency Sewer Repair Services (“**Services**”) to the COGB-DPW as requested by COGB-DPW that reference this Agreement (“**AGREEMENT**” or “**Statement of Work**”). Company shall perform Services in a prompt manner to address emergency repairs. The COGB-DPW shall assist the Company by promptly providing all information requests known or available and relevant to the Services in a timely manner.

2. **Independent Capacity.** The parties hereto agree that the Company, its officers, agents, and employees, in the performance of this agreement shall act in the capacity of an independent contractor and not as an officer, employee, or agent of the COGB-DPW. The Company agrees to take such steps as may be necessary to ensure that each subcontractor of the Company will be deemed to be an independent contractor and will not be considered or permitted to be an agent, servant, joint ventures, or partner of the COGB-DPW.

3. **Contract Price.** For performance of the Services as defined in Attachment A including in this document. COGB-DPW shall pay to Company all fees due under the applicable Rate Sheet Attachment A. Agreement has no guaranteed spend and is strictly on a as needed basis.

4. **Dates of Performance.** Company will begin performing services upon receipt of signed Agreement or as stated in applicable AGREEMENT. Unless terminated as provided in this Agreement, Company will complete Services by the Completion Date. The agreement is effective from 01-01-2024 through 12-31-2024.

5. **Change in Services.** The COGB-DPW has the right to change or cancel service requested under this agreement.

6. **Term.** The term of this agreement shall be in effect as of the Effective Date and shall continue until terminated by either party as set forth in Section 7 of this agreement.

7. **Termination.** COGB-DPW shall have the right to terminate the agreement and any related work in process with thirty days’ written notice to Company. In the event COGB-DPW terminates the agreement prior to completion of Services, COGB-DPW shall pay Company the fees due under the agreement with respect to Services completed as of the date of termination. Upon settlement of funds due to Company, all COGB-DPW provided materials will be returned to COGB-DPW and all COGB-DPW use rights in the work in process as described in Section 9 will be transferred to COGB-DPW. If at any time the Company’s performance threatens the health and/or safety of the COGB-DPW or the public, the COGB-DPW has the right to terminate the contract without notice. If the Company fails to maintain and keep in force the insurance as required, the COGB-DPW has the right to terminate the contract without notice.

Company shall have the right to terminate the agreement and any related work in process with thirty days' written notice to COGB-DPW. In the event Company terminates the agreement prior to completion of Services, the COGB-DPW shall pay Company the fees due under the AGREEMENT with respect to the Services completed as of the date of termination. A written notification of termination shall be delivered to the Purchasing Department.

8. Payment of Services. In exchange for Company's Services under this Agreement, the COGB-DPW shall pay Company the contract price as set forth in the applicable AGREEMENT. Company will submit a final invoice to COGB-DPW for all services rendered by the Services Completion Date and COGB-DPW shall pay using the next 30 terms upon receipt of the invoice. In the event of a good faith dispute with regard to an item appearing on an invoice, COGB-DPW shall have the right to withhold payment while the parties attempt to resolve the disputes.

9. Representations. Both Parties represent that they are fully authorized and empowered to enter into this Agreement, and that the performance of the obligations under this Agreement will not violate or infringe upon the rights of any third-party or violate any agreement between the Parties and any other person, firm or organization or any law or governmental regulation.

10. Indemnification. The Company will indemnify, pay the cost of defense including attorney's fees, and save harmless the COGB-DPW and all of its officers, agents and employees from all suits, actions, or claims of any character brought for or on account of any injuries or damages received by any persons or property resulting from the operations of the Company, or of any of its contractors, in prosecuting work under this agreement.

11. Limitation of Liability. COGB-DPW WILL NOT BE LIABLE FOR ANY LOSS OF USE, INTERRUPTION OF BUSINESS, LOST PROFITS, OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY KIND REGARDLESS OF THE FORM OF ACTION WHETHER IN CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT PRODUCT LIABILITY, OR OTHERWISE, EVEN IF IT HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT COGB-DPW'S AGGREGATE LIABILITY UNDER THIS AGREEMENT EXCEED THE FEES PAID TO COMPANY HEREUNDER.

12. Warranty. EXCEPT FOR THE WARRANTIES SET FORTH IN THIS AGREEMENT AND ANY AGREEMENT, EACH PARTY EXPRESSLY DISCLAIMS ANY AND ALL OTHER WARRANTIES OF ANY KIND OR NATURE, WHETHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

13. Confidential Information. Each Party (on its behalf and on behalf of its subcontractors, employees or representatives, or agents of any kind) agrees to hold and treat all confidential information of the other Party, including, but not limited to, trade secrets, sales figures, employee and customer information and any other information that the receiving Party reasonably should know is confidential ("**Confidential Information**") as confidential and protect the Confidential Information with the same degree of care as each Party uses to protect its own Confidential Information of like nature.

Confidential Information does not include any information that (i) at the time of the disclosure or thereafter is lawfully obtained from publicly available sources generally known by the public (other than as a result

of a disclosure by the receiving Party or its representatives); (ii) is available to the receiving Party on a non-confidential basis from a source that is not and was not bound by a confidentiality agreement with respect to the Confidential Information; or (iii) has been independently acquired or developed by the receiving Party without violating its obligations under this Agreement or under any federal or state law.

14. Compliance with Laws. Each party shall perform all of its obligations under this Agreement in compliance at all times with all foreign, federal, state and local statutes, orders and regulations, including those relating to privacy and data protection. COGB-DPW may require additional forms and reporting for compliance per city requirements depending on scope of work.

15. Nonexclusive Contract. Unless otherwise stated, COGB-DPW reserves the right to purchase work or materials outside of this contract.

16. Insurance. Company is to maintain at all times insurance by an insurance company licensed to do business in the State of Wisconsin, with a minimum AM Best rating of A-. Company is to supply a Certificate of Insurance (COI) to the Purchasing Department prior to commencement of work. Unless otherwise stated in the applicable AGREEMENT the following are the minimum coverage that must be held by the Company.

Commercial General Liability

- \$1,000,000 per occurrence
- \$1,000,000 Products liability and completed operations.
- \$2,000,000 General Aggregate
- \$1,000,000 Personal and advertising injury

COGB-DPW is to be listed as an additional insured on a primary and non-contributory basis.

Auto Liability

- \$1,000,000 per occurrence

Insurance shall be for all owned, non-owned, and hired vehicles that are used in the course of this contract.

Workers Compensation

- Maintain worker's compensation insurance as required by Wisconsin Statutes, for all employees engaged in the work.

17. General. Neither party may assign this Agreement without the prior written consent of the other party and any attempt to do so will be void. Any notice or consent under this Agreement will be in writing to the address specified below. If any provision of this Agreement is adjudged by any court of competent jurisdiction to be unenforceable or invalid, that provision shall be limited or eliminated to the minimum extent necessary so that this Agreement will otherwise remain in full force and effect. Any waivers or amendments shall be effective only if made in writing signed by a representative of the respective parties. Both parties agree that this Agreement is the complete and exclusive statement of the mutual understanding of the parties and supersedes and cancels all previous written and oral agreements and

communications relating to the subject matter of this Agreement. Both parties agree that the Agreement is signed by a duly, authorized company representative authorized to bind the company to its terms and services and no consent from any third party is required.

18. Force Majeure. Neither party shall be in default by reason of any failure in performance of this contract in accordance with reasonable control and without fault or negligence on their part. Such causes may include, but are not restricted to, acts of nature or the public enemy, acts of the government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes and unusually severe weather, but in every case the failure to perform such must be beyond the reasonable control and without the fault or negligence of the party.

19. Choice of Law. This Agreement will be deemed to have been made in and shall be construed pursuant to the laws of the State of Wisconsin and the United States without regard to conflicts of law's provisions thereof.

20. Remedies. COGB-DPW reserves all remedies available at law or equity for any disputes that arise under this Agreement. In the event of a suit or proceeding under this Agreement, Company agrees to pay all attorneys' fees if the federal or state court renders judgment substantially in COGB-DPW's favor.

Accepted and agreed to as of the Effective Date by the authorized representative of each party:

City of Green Bay

Signature:

Print Name: Mayor Eric Genrich

Print Title: City of Green Bay Mayor

Date:

COMPANY NAME

Signature:

Print Name:

Print Title:

Date:

City of Green Bay

Signature:

Print Name: Celestine Jefferys

Print Title: Clerk

Date:



Attachment A

Sewer and Water Contractor for Over 58 Years

Billing Rates – Per Hour

Effective 1-1-2024 Thru 12-31-2024

17 John Deere Excavator	\$43.00	Screenings – Per YD	\$24.00
40 Volvo Excavator	\$45.00	¾" Screen Stone – Per YD	\$25.00
50 John Deere Excavator	\$47.00	¾" Crushed Stone – Per YD	\$24.00
85 John Deere Excavator	\$69.00	Cold Mix - Per YD	\$263.34
145 Volvo Excavator	\$77.00	Fill Sand – Per YD	\$6.50
245 John Deere Excavator	\$99.00	Topsoil – Per YD	\$15.00
300 Komatsu Excavator	\$110.00	Topsoil Pulverized – Per YD	\$26.00
305 Volvo Excavator	\$110.00	Service Truck – Per Day	\$125.00
490 Komatsu Excavator	\$165.00	Service Van – Per Day	\$165.00
410J John Deere TLB	\$68.00	Pickup Truck – Per Day	\$40.00
908 Cat Loader	\$63.00		
L90 Volvo Loader	\$70.00		
544 John Deere Loader	\$70.00		
Avant Mini Loader	\$32.00		
Dozer FD07 / 450H	\$68.00		
Skidsteer- Wheeled	\$35.00		
Skidsteer – Track	\$60.00		
Ingersoll Rand Roller Compactor	\$32.00		
Single Axle – Dump Truck	\$50.00		
Quad Axle – Dump Truck	\$60.00		
Hydro Excavator w/ Truck	\$165.00		

REGULAR RATE	OVERTIME RATE	HOLIDAY / SUNDAY RATE
-----------------	------------------	-----------------------

Foreman	\$88.00	\$119.00	\$152.00
Operator	\$87.00	\$118.00	\$151.00
Pipelayer	\$81.00	\$112.00	\$147.00
Laborer	\$79.00	\$110.00	\$145.00

Air Compressor	\$30.00	Televising and Locating	\$225.00
Generator, 20KW	\$32.00	Roller Compactor - Asphalt	\$25.00
Generator, 4KW	\$20.00	Pull Water Service - Each	\$150.00
Pump 2" - Electric	\$17.00	220V Water Jetter	\$37.00
Pump 3" - Electric	\$20.00	Gas Core Machine - Each	\$35.00
Pump 3" - Gas	\$22.00	Elec. Core Machine - Each	\$45.00
Cut Off Saw	\$15.00	Hyd. Core Machine - Each	\$65.00
Walk Behind Saw	2.50 per foot	Hyd. – Sweeper	\$40.00
Walk Behind Compactors	\$18.00	Hyd. – Brush Mower	\$40.00
Traffic Control - Minimum Per Day	\$35.00	Hyd. Breaker / Compactor	\$40.00
Versa Matting – Each	\$3.00	Hyd. Auger	\$40.00
Wacker Light Plant	\$15.00		



CONTACT LIST

BRYCE ROUCE MOBILE: 920-228-1145

ZACH MILLER MOBILE: 920-621-8279

KURT DE KEYSER MOBILE: 920-371-1959



Report to the
**Improvement and Service Committee
of the City of Green Bay**

MEETING DATE

February 28, 2024

PREPARED BY

AGENDA ITEM # E.5

Consideration with possible action on request by Department of Public Works to review and approve the 2023 Annual Municipal Separate Storm Sewer System (MS4 Report).

BACKGROUND

The City of Green Bay is required to submit an annual report to Wisconsin Department of Natural Resources by March 31 of each year to report on compliance activities relevant to the City's municipal separate storm sewer system.

RECOMMENDATION

To approve the Director of Public Works to submit the 2023 Annual MS4 Report to Wisconsin Department of Natural Resources in accordance with the WDNR MS4 Permit.

FISCAL IMPACT

– None. The work to complete the annual MS4 report is included within the Stormwater Utility budget.

ATTACHMENTS

1. 2023 MS4 Annual Report Highlights
2. 2023 MS4 Annual Report



Public Works Department
100 North Jefferson Street - Room 300
Green Bay, Wisconsin 54301-5026
www.greenbaywi.gov

Administration | Engineering | Traffic 920.448.3100
Operations 920.448.3535
Parking 920.448.3431
Fax 920.448.3102

TO: Steve Grenier – Director of Public Works

FROM: Abigail Adams – Stormwater Engineering Technician

DATE: February 20, 2024

RE: 2023 MS4 Annual Report Highlights

The City of Green Bay is required to submit a municipal separate storm sewer system (MS4) annual report to WDNR by March 31 of each year to comply with the City's MS4 permit. The current MS4 General Permit is a 5-year permit that expires on Apr. 30, 2024. The City has applied for renewal and will enter a new 5-year permit term beginning on May 1, 2024. The following summarizes activities conducted in 2023 and included in the MS4 annual report in accordance with the MS4 permit requirements.

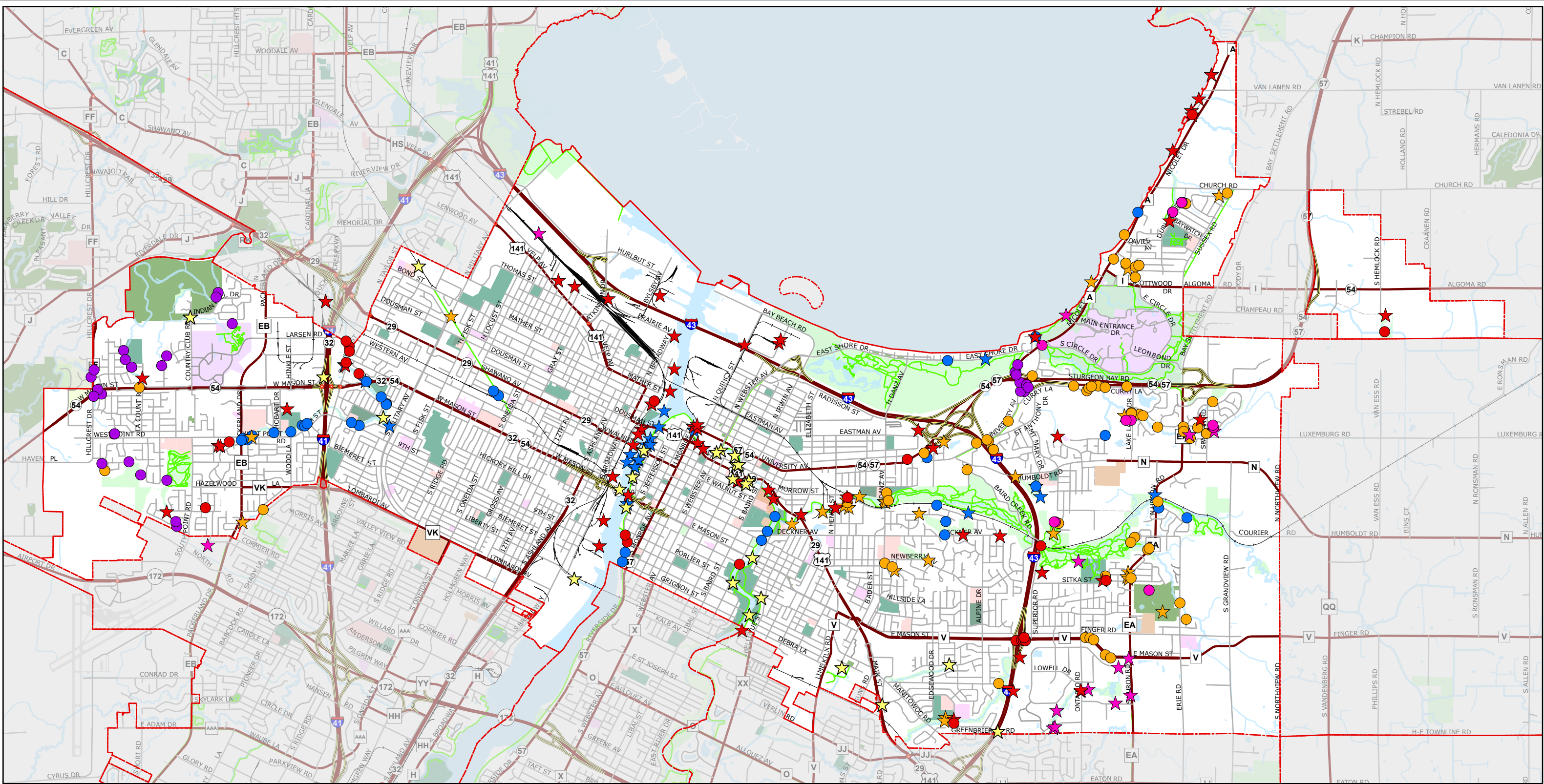
- The City of Green Bay has a total of 358 outfalls, including one (1) newly constructed outfall. The term "outfall" refers to the point at which storm water is discharged to waters of the state or to a storm sewer. The Stormwater Technician completed the fourteenth year of the on-going outfall field screening/inspections of 58 of the scheduled major/minor outfalls. There were 2 positive hits for detergent detected during the screening cycle, both of which were beneath the action level of 0.5 mg/L. The exact sources of the discharges were not able to be located, but the City will conduct inspections in subsequent years to assess presence of illicit discharges. As part of the MS4 Permit requirements, the City will continue routine illicit discharge detection screening, and continued public education and outreach will increase public awareness of best management practices (BMPs) to reduce or eliminate discharge of pollutants to Waters of the State. See attached map for outfall sampling locations for 2019-2024. Copies of outfall inspection reports are kept in DPW files.
- The City completes inspections of all 48 City-owned stormwater facilities (ponds, swales, proprietary devices, etc.) to look for issues such as plugged outfalls, excessive animal burrows within the pond berms, and whether there are maintenance needs. The City performs garbage and debris clean up from around the facilities and cuts some of the vegetation on an as needed basis. In 2023, contractors McMahon and NES conducted vegetation maintenance at 17 facilities, including mowing, herbicide applications, and native plantings; prescribed burns were completed at Barina Creek and Juza-Shorewood Ponds. Additionally, some of the wet retention ponds are nearing an age where sediment deposition is due to be dredged. A survey of sediment deposition was completed for Barina Creek in 2023 and the pond is scheduled to be dredged in 2024.
- DPW-Operations completed another successful year of street sweeping and fall leaf collection. An estimated quantity of 4,750 tons was collected with 19 street sweeping rotations and 11 leaf collection rotations being completed, including 4 spring and 7 fall collections.

2023 MS4 Annual Report Highlights

- DPW-Operations completed the Greenway Outfall Maintenance Inspections for the Community Rating System from May 11 through December 23, 2023, for flood insurance rate assistance. These inspections ensure that the greenways which drain under roadways or into storm sewers are free of debris to help prevent backing up of runoff.
- The City contracted the services of a trapper to continue to reduce the muskrat population at 24 of our wet storm water facilities during the 2023 winter season. One hundred thirty-seven (137) muskrats were trapped. See the attached trapping report from The Suburban Wildlife Solutions and a chart outlining the trapping activity completed from 2015-2023.
- City Staff participated in a two-day conference presented by Fox-Wolf Watershed Alliance from Feb. 28 – Mar. 1, 2023, where various storm water management, green infrastructure, sustainability, permitting, and legislative topics were discussed. DPW staff attended multiple other conferences related to stormwater quality and erosion control.
- Community education and outreach events were completed by City staff per the MS4 permit. Educational events completed in 2023 include presentations to NWTC students, the Aldo Leopold Weekend Conservation Fair booth, the first City Hall Academy, presentation of details of the stormwater management program to the Sustainability Commission, No Mow May, and several other green stormwater infrastructure tours and presentations completed by the Resiliency Coordinator. Volunteer events completed include the annual Beaver Dam Creek cleanup coordinated with MacArthur Heights N.A. and the annual watershed cleanup hosted by Fox-Wolf Watershed Alliance. Additionally, the Green Bay Conservation Corps completed 2 cleanups in City parks, rain garden installation events, and native plantings.
- The Residential Rain Barrel Pilot program continued in 2023 with overwhelming interest from City residents. Four hundred and sixteen (416) rain barrels were procured by the City using ARPA and stormwater utility funds and distributed to program participants by DPW-Operations.
- The City-Wide Green Stormwater Infrastructure Plan was adopted on November 7, 2023. The City's Resiliency Coordinator presented the proposed plan to I&S, Sustainability Commission, and Common Council.
- DPW Operations cleaned 5,456 catch basins and inlets throughout the City in 2023. An estimated quantity of 116 tons of debris were collected. See attached map for catch basin/inlet cleaning conducted in 2023.
- The City completed an inventory of all permitted private stormwater management practices within the City and implemented an inspection program in 2023. The City inspected 59 facilities and issued 22 stormwater management permits for new facilities in 2023.
- The number of erosion control inspections increased significantly in 2023 to 317 inspections due to increased construction activity and staffing.
- The City responded to 16 complaints or observations of illicit discharges in 2023. All issues have since been resolved.

Additional Attachments

- 1 Major/Minor Outfall Sampling, 2019-2024 (Map)
- 2 2023 Storm Catch Basin and Inlet Cleaning (Map)
- 3 2023 Trapping Report (Chart)
- 4 2015-2023 Stormwater Pond Trapping Record (Chart)



0 5,000 Feet
1"=5,000'
1:60,000

Legend

2019 Storm Water Outfall Sampling (May 1st. - Dec 31st.)

Outfall Type

- Major
- Minor

2020 Storm Water Outfall Sampling

Outfall Type

- Major
- Minor

2021 Storm Water Outfall Sampling

Outfall Type

- Major
- Minor

2022 Storm Water Outfall Sampling

Outfall Type

- Major
- Minor

2023 Storm Water Outfall Sampling

Outfall Type

- Major
- Minor

2024 Planned Storm Water Outfall Sampling

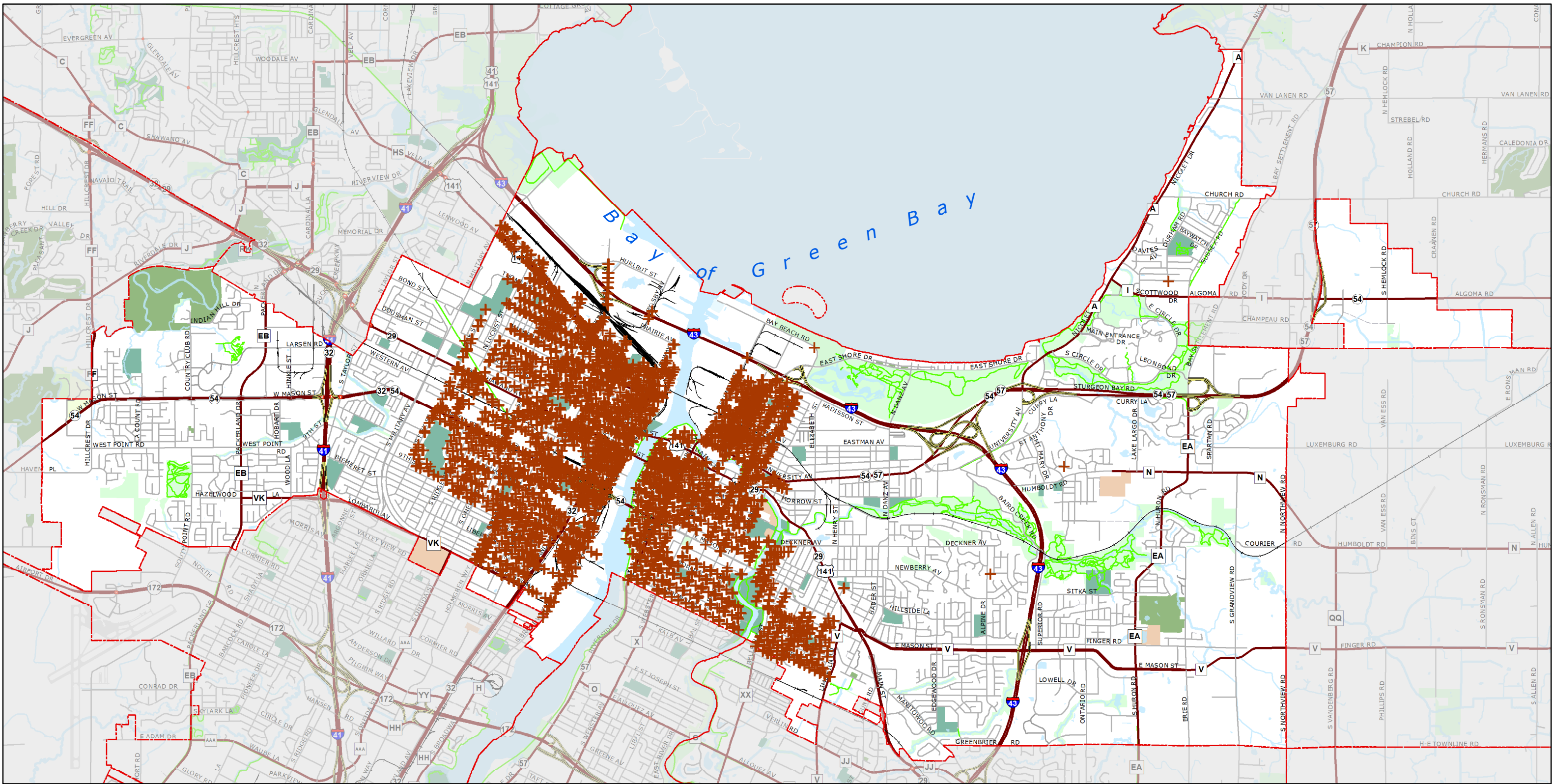
Outfall Type

- Major
- Minor

Major/Minor Outfalls Sampling 2019-2024

This is a compilation of records and data located in various City of Green Bay offices and is to be used for reference purposes only. The City of Green Bay is not responsible for any inaccuracies or unauthorized use of the information contained within. No warranties are implied.

Map prepared by City of Green Bay Department of Public Works, zacharyje
Date Printed: 06 Feb 2024
X:\PubWorks\GIS_Projects\Engineering\StormWater\Outfalls\Major_Minor_OutfallSampling_2019_2023\Major_Minor_OutfallSampling_2020_2023.aprx



2000
Feet
1" = 5,000'
1:60,000

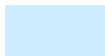
Legend



2023 Inlet Clean



Municipalities



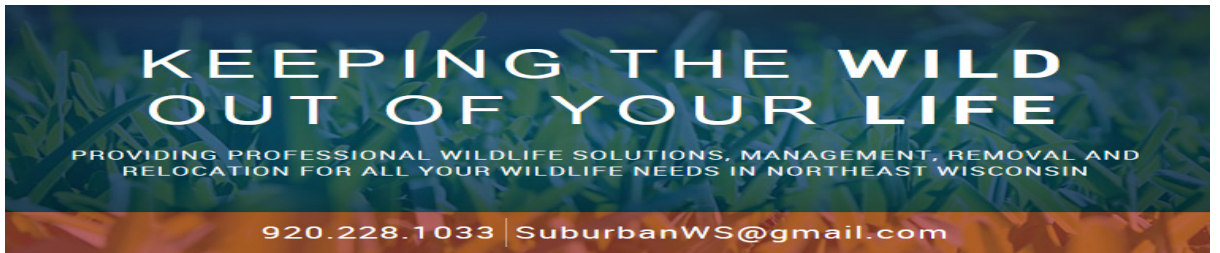
Lakes, Ponds & Rivers

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Map prepared by City of Green Bay Department of Public Works, A. Adams
Date Printed: 19 Feb 2024

X:\PubWorks\Maps\Maps for Abby\MS4 Annual Report Maps\2023\Maps - Updated\Storm Inlet Cleaning\2023 Storm inlet and catch basin cleaning.mxd

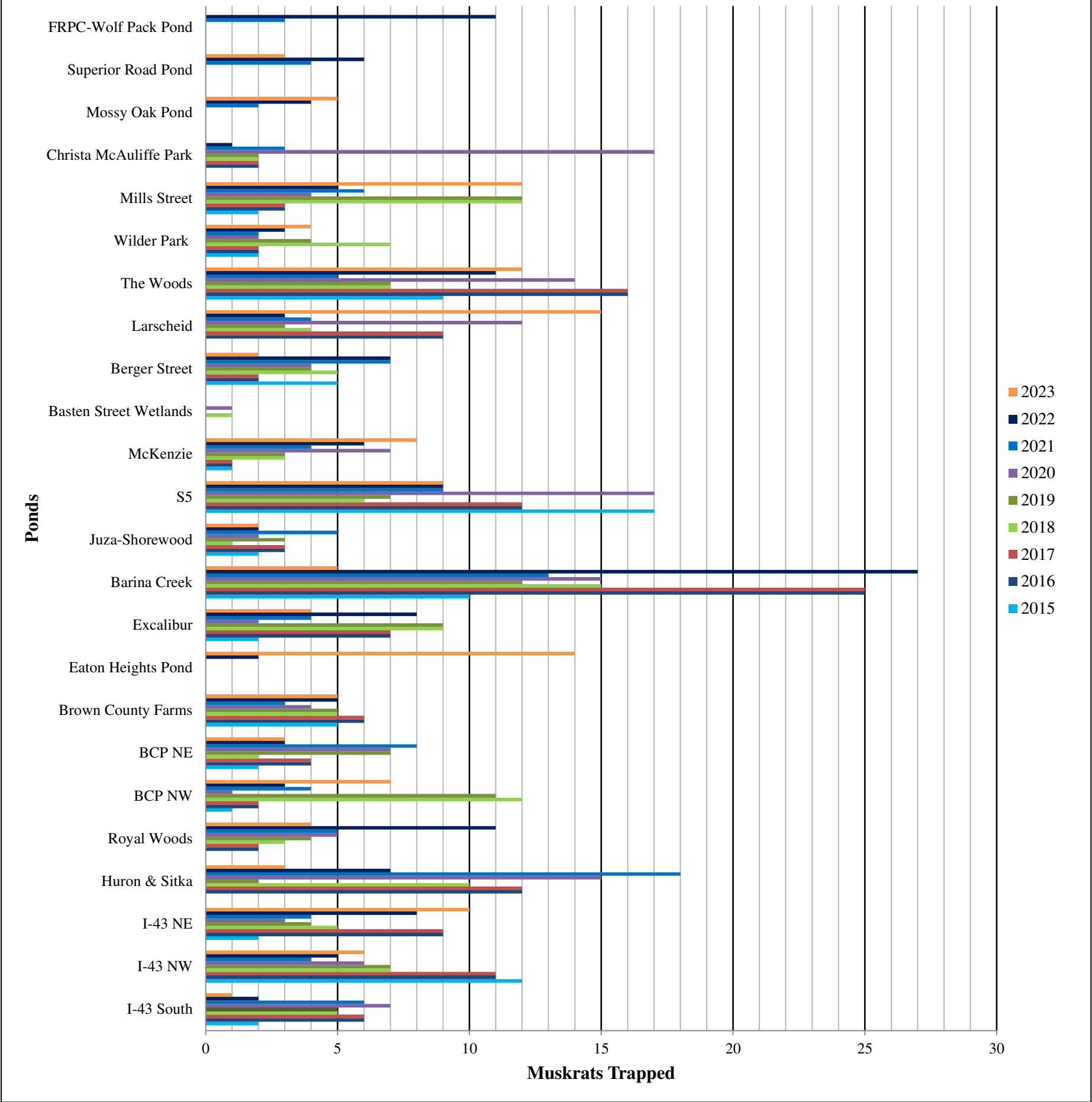
2023 Storm Catch Basin and Inlet Cleaning



2023 Muskrat Removal Report City of Green Bay

No.	FID	Facility Name	Location	Musk rats Removed	Notes
1	P01	I 43 South Pond	1000 Kepler Drive	1	Needs brush and pragnites cut
2	P02	I 43 NorthWest Pond	1000 Kepler Drive	6	Needs brush and trees around the pond cut
3	P03	I 43 NorthEast Pond	1000 Kepler Drive	10	
4	P07	Huron & Sitka Pond	3279 Sitka Street	3	
5	P08	Royal Woods Pond	102 Abigail Court	4	
6	P09	Baird Creek Preserves NE	3515 Peppergrass Court	3	
	P010	Baird Creek Preserves		3	
7	P011	Baird Creek Preserves NW	3425 Peppergrass Court	7	
8	P018	Brown County Farm Pond	3311 Lake Largo Drive	5	Could use phragmites, brush and trees cut around the pond.
9	P021	Excalibur Pond	2670-2672 Kathy Drive	4	
10	P022	Barina Creek	2935 Durham Road	5	
11	P023	Juza-Shorewood Heights Pond	2976 Sussex Road	2	
12	P024	S5 Pond 54 business center	4320 College Park Drive	9	Willows, brush, and phragmites pretty thick
13	P031	McKenzie Pond	209 McKenzie Lane	8	
14	P033	Basten Street Wetlands	2130 Basten Street	0	
15	P034	Berger Street Pond	1900 Morrow Street	2	
16	P035	Larscheid Pond	1211 Wolverine Court	15	
17	P036	The Woods	530 Erie Road	12	
18	P037	Wilder Park Pond	2590 Robinson Avenue	4	Phragmites and brush could be cut around the pond.
19	P039	Mills Street Pond	1700 Mills Street	12	
20	P042	Christa McAuliffe Park	3100 Sitka Street	0	
21	P038	Mossy Oak Pond	2970 Mossy Oak Circle	5	
22	P041	Superior Road Pond	2975 Sitka Street	3	
23	P043	FRPC-Wolf Pack Pond	2230 Angie Street	0	
24	PO19	Blacksheep Pond	Black Sheep Way	14	
			Total Removed	137	

City of Green Bay
2015-2023 Stormwater Pond Trapping Record





WDNR MS4 ANNUAL REPORT 2023

**City of Green Bay, Wisconsin
Department of Public Works**



March 2023



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Annual Report **Municipal Separate Storm Sewer System (MS4) Permit**

Form 3400-224

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: 2023 Annual Report

County: Brown

Municipality: Green Bay City

Permit Number: S050075

Facility Number: 33657

Reporting Year: 2023

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

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** Green Bay City**Facility ID # or (FIN):** 33657**Updated Information:**☐ Check to update mailing address information**Mailing Address:** 100 N Jefferson St**Mailing Address 2:****City:** Green Bay City**State:** WI**Zip Code:** 54301

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:** Steven**Last Name:** Grenier☐ Select to **update** current contact information**Title:** DPW**Mailing Address:** 100 N Jefferson St Rm 300**Mailing Address 2:****City:** Green Bay**State:** WI**Zip Code:** 54301-5026

xxxxx or xxxxx-xxxx

Phone Number: 920-448-3100

Ext:

xxx-xxx-xxxx

Email: Steven.Grenier@greenbaywi.gov**Additional Contacts Information (Optional)**☒ I&E Program

Individual with responsibility for:
(Check all that apply)

- ☒ IDDE Program
- ☒ IDDE Response Procedure Manual
- ☒ Municipal-wide Water Quality Plan
- ☒ Ordinances
- ☒ Pollution Prevention Program
- ☒ Post-Construction Program
- ☐ Winter roadway maintenance

First Name: Valerie

Last Name: Joosten

Title: Utility Manager

Mailing Address: 100 N Jefferson St Rm 300

Mailing Address 2:

City: Green Bay

State: WI

Zip Code: 54301-5026 xxxxx or xxxxx-xxxx

Phone Number: 920-448-3112 Ext: xxx-xxx-xxxx

Email: valerie.joosten@greenbaywi.gov

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: Chris

Last Name: Pirlot

Title: DPW Operations Dir.

Mailing Address: 519 S Oneida Street

Mailing Address 2:

City: Green Bay

State: WI

Zip Code: 54303 xxxxx or xxxxx-xxxx

Phone Number: 920-492-3751 Ext: xxx-xxx-xxxx

Email: chris.pirlot@greenbaywi.gov

- ☐ I&E Program

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

- ☐ IDDE Program
- ☐ IDDE Response Procedure Manual
- ☐ Municipal-wide Water Quality Plan
- ☐ Ordinances
- ☒ Pollution Prevention Program
- ☐ Post-Construction Program
- ☒ Winter roadway maintenance

First Name: Josh

Last Name: Brassfield

Title: DPW Superintendent

Mailing Address: 519 S Oneida Street

Mailing Address 2:

City: Green Bay

State: WI

Zip Code: 54303 xxxxx or xxxxx-xxxx

Phone Number: 920-492-3737 Ext: xxx-xxx-xxxx

Email: josh.brassfield@greenbaywi.gov

Municipal Billing Contact Person (Authorized Representative for MS4 Permit)

☒ Select to **create new** Billing contact

First Name: Steven

Last Name: Grenier

☒ Select to **update** current contact information

Title: Director of Public Works

Mailing Address: 100 N Jefferson St Rm 300

Mailing Address 2:

City: Green Bay

State: WI

Zip Code: 54301-5026 xxxxx or xxxxx-xxxx

Phone Number: 920-448-3100 Ext: xxx-xxx-xxxx

Email: steven.grenier@greenbaywi.gov

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

☒ Yes ☐ No

☒ Public Education and Outreach Northeast Wisconsin Stormwater Consortium (NEWSC)

☒ Public Involvement and Participation Northeast Wisconsin Stormwater Consortium (NEWSC)

☐ Illicit Discharge Detection and Elimination

- ☐ Construction Site Pollutant Control _____
- ☐ Post-Construction Storm Water Management _____
- ☐ 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. Were any of the public education and outreach delivery mechanisms conducted during the reporting year active or interactive? ☒ Yes ☐ No
- d. Please select all storm water topics, target audiences, and delivery mechanisms used in the reporting year

Public Education and Outreach Delivery Mechanisms (Active and Passive)	
Active/Interactive Mechanisms	Passive Mechanisms
☒ Education activities (school presentations, summer camps)	☒ Passive print media (brochures at front desk, posters, etc.)
☒ Information booth at event	☒ Distribution of print media (mailings, newsletters, etc.) via mail or email.
☒ Targeted group training (contractors, consultants, etc.)	☒ Media offerings (radio and TV ads, press release, etc.)
☒ Government event (public hearing, council meeting)	☒ Social media posts
☒ Workshops	☒ Signage
☒ Tours	☒ Website
☒ Other: Internal presentation/training; informa...	☒ Other:

Topics Covered	Target Audience
☒ Illicit discharge detection and elimination	☒ General Public
☒ Household hazardous waste disposal/pet waste management/vehicle washing	☒ Public Employees
☒ Yard waste management/pesticide and fertilizer application	☒ Residents
☒ Stream and shoreline management	☒ Businesses
☒ Residential infiltration	☒ Contractors
☒ Construction sites and post-construction storm water management	☐ Developers
☒ Pollution prevention	☐ Industries
☒ Green infrastructure/low impact development	☒ Public Officials
☐ Other:	☒ Other: High school students

- e. Will additional information/summary of these 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.*

See attached supporting documentation: "CBG-NEWSC Outreach Plan" (City tracking spreadsheet); "NEWSC Annual Report 2023"; and "Social Media Posts Summary."

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. Select all of the following topics the Permittee did to engage public participation and involvement.

Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
☒ MS4 Annual Report ☒ Storm Water Management Program ☐ Storm Water related ordinance ☐ Other: 	☒ General Public ☒ Public Employees ☐ Residents ☐ Businesses ☐ Contractors ☐ Developers ☐ Industries ☒ Public Officials ☐ Other	51-100	☐ Yes ☒ No

b. Volunteer Activities. Select all of the following audiences targeted for volunteer involvement and participation related to storm water.

☐ NA (Individual Permittee)

Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
Volunteer Opportunity	☒ General Public ☐ Public Employees ☒ Residents ☐ Businesses ☐ Contractors ☐ Developers ☐ Industries ☐ Public Officials ☐ Other	101 +	☒ Yes ☐ No

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

See attached supporting document: "2023 MS4 Summary - Section 2 Public Involvement and Participation."

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? | <input type="text" value="358"/> |
| b. | How many outfalls did the municipality evaluate as part of their routine ongoing field screening program? | <input type="text" value="58"/> |
| c. | From the municipality's routine screening, how many were confirmed illicit discharges? | <input type="text" value="2"/> |
| d. | How many illicit discharge complaints did the municipality receive? | <input type="text" value="16"/> |
| e. | From the complaints received, how many were confirmed illicit discharges? | <input type="text" value="5"/> |
| f. | How many of the identified illicit discharges did the municipality eliminate in the reporting year (from both routine screening and complaints)? | <input type="text" value="5"/> |

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

- g. What types of regulatory mechanisms does the municipality have available to compel compliance with this program? Check all that are available and how many times each were used in the reporting year.

☒ Verbal Warning	4
☒ Written Warning (including email)	10
☒ Notice of Violation	1
☒ 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.*

See attached supporting document: "2023 MS4 Report Summary - Section 3 IDDE." For 3f: Sources were not located for 2 illicit discharges identified during routine screening.

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? 54
- 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? 31
- 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)? 317

- d. What types of regulatory mechanisms does the municipality have available to compel compliance with this program? Check all that are available and how many times each were used in the reporting year.

☒ Verbal Warning	30
☒ Written Warning (including email)	41
☒ Notice of Violation	0
☒ Civil Penalty/ Citation	0
☒ Stop Work Order	0
☒ Forfeiture of Deposit	0
☒ Other - Describe below	7

Repair orders; Reinspection fees

- 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.*

See attached supporting document: "2023 MS4 Report Summary - Section 4 Construction Site Pollutant Control."

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 5 : Complete

5. Post-Construction Storm Water Management

- a. How many new structural storm water management Best Management Practice (BMP) have received local approval ? 22
*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 ☒ Yes ☐ No

water facilities?

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

59

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

- e. Does MS4 have maintenance authority on these privately owned BMPs?

Yes, See Sec. 16-82(e), 16-84 and 16-85 of City's municipal ordinance.

- f. How many municipally operated (private) storm water management BMPs were inspected in the reporting year? 0

- 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.

☒ Verbal Warning

0

☒ Written Warning (including email)

39

☒ Notice of Violation

0

☒ Civil Penalty/ Citation

0

☒ Forfeiture of Deposit

0

☒ Complete Maintenance

0

☒ Bill Responsible Party

0

☐ 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.*

See attached supporting document: "2023 MS4 Report Summary - Section 5 Post Construction."

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 : Has Missing Items

6. Pollution Prevention

Storm Water Management Best Management Practice Inspections ☐ Not Applicable

a.

Enter the total number of municipally owned or operated (i.e., privately owned BMPs) structural storm water management best management practices.

48

b. How many new municipally owned storm water management best management practices were installed in the reporting year ?

1

c. How many municipally owned (public) storm water management best management practices were inspected in the reporting year?

47

d. What elements are looked at during inspections (250 character limit)?

All inspections assess vegetation, structural damage, erosion, and ponding. For retention ponds/wetlands, additional inspected elements include debris, burrows, and encroachments; and water level, color, biological, odor, turbidity, and contaminants.

e. How many of these facilities required maintenance?

47

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.*

See attached supporting document: "2023 MS4 Report Summary - Section 6 Pollution Prevention." For 6e: All facilities except for new construction required maintenance; 40 received maintenance.

Public Works Yards & Other Municipally Owned Properties that require a stormwater pollution prevention plan (SWPPP)* ☐ Not Applicable

g. How many municipal properties require a SWPPP?

7

h. How many inspections of municipal properties have been conducted in the reporting year?

45

i. Have amendments to the SWPPPs been made?

☐ Yes ☒ No

j. If yes, describe what changes have been made. Limit response to 250 characters and/or attach supplemental information on the attachment page:

SWPPP revisions for all 7 facilities will be finalized in 2024.

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.*

See attached supporting document: "2023 MS4 Report Summary - Section 6 Pollution Prevention."

* Any municipally owned property that has the potential to generate stormwater pollution should have a SWPPP. For example, if a municipal property stores compost piles, material storage, yard wastes, etc., outside and can contaminate stormwater runoff—a SWPPP is required.

Collection Services - *Street Sweeping Program* ☐ Not Applicable

l. Did the municipality conduct street sweeping during the reporting year?

☒ Yes ☐ No

- m. If known, how many tons of material was removed?
- n. Does the municipality have a [low hazard exemption](#) for this material? ☐ Yes ☒ No
- o. If street sweeping 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 Completed 19 rounds of sweeping (~1 round/12 days)
- ☐ 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
- q. How many catch basin sumps were cleaned in the reporting year?
- r. If known, how many tons of material was collected?
- 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 4th round of fall leaf collection until freeze.
- ☐ No - Explain _____
- ☐ Not Applicable

Collection Services - *Leaf Collection Program* ☐ Not Applicable

- u. Does the municipality conduct curbside leaf collection? ☒ Yes ☐ No
- v. Does the municipality notify homeowners about pickup? ☒ Yes ☐ No
- w. Where are the residents directed to store the leaves for collection?
- ☒ Pile on terrace ☐ Pile in street ☐ Bags on terrace
- ☐ Other - Describe _____
- x. What is the frequency of collection?
- 4 rounds in spring, 7 rounds in fall
- y. Is collection followed by street sweeping? ☒ Yes ☐ No
- z. Brief explanation on Collection Services reporting. *Limit response to 250 characters and/or attach supplemental information on the attachments page*

See attached supporting document: "2023 MS4 Report Summary - Section 6 Pollution Prevention."

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.*)

- 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>	85	258	418	1508		
<u>Sand</u>	0	0	0	795		

Liquids (gallons) (ex. brine)

	Oct	Nov	Dec	Jan	Feb	Mar
<u>Brine</u>	13361	22719	29872	62878		
<u>Chem-melt</u>	0	0	0	2600		

- ac. Was salt applying machinery calibrated in the reporting year? ☒ Yes ☐ No

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

Training Date	Training Name	# Attendance
9/28/2023	National APWA Winter Road Maintena...	1

- 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*

See attached supporting document: "2023 MS4 Report Summary - Section 6 Pollution Prevention."

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

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

All tasks and procedures related to pollution prevention program elements are reviewed yearly (seasonally); all issues are addressed timely to keep in compliance with prevention.

- 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

DPW Director's report and notices within Sustainability Commission, Improvement & Services (I&S) Committee, and Common Council Meetings.

Municipal Officials

The DPW Director has discussions with other Dept. Senior Staff about stormwater during weekly meetings as the topic warrants. The DPW Director and Utility Mgr. have discussions with Superintendents and Supervisors about stormwater topics as needed.

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

The Stormwater Technician communicates with Facility Managers on progress in maintaining the permit requirements. The Director communicates to others by weekly staff meetings and verbal discussions.

- ah. 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.*

See attached - "2023 MS4 Report Summary - Sec. 6 Pollution Prevention." Training for programs covered in questions l-ae is tracked by Operations management. Other stormwater BMP maintenance and SWPPP training is tracked by the Stormwater Technician.

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

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.*

Storm sewer manholes, inlets, lift stations, outfalls, and BMPs are updated in the internal GIS throughout the year.

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

21,228	59,634	25,735	<u>Storm water utility</u>
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Element: Public Involvement and Participation

5,458	10,028	20,167	<u>Storm water utility</u>
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Element: Illicit Discharge Detection and Elimination

14,736	25,011	31,761	<u>Storm water utility</u>
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Element: Construction Site Pollutant Control

180,861	227,485	217,257	<u>Storm water utility</u>
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Element: Post-Construction Storm Water Management

42,102	59,988	101,862	<u>Storm water utility</u>
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Element: Pollution Prevention

1,677,784	1,976,383	2,583,592	<u>Storm water utility</u>
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Other (describe)

			<u>Select...</u>
--	--	--	------------------

Please provide a justification for a "0" entered in the Fiscal Analysis. *Limit response to 250 characters.*

The Storm Water Utility budget is not broken out by permit program elements, so budget and expenditure breakdowns are estimates. The method for estimating the budget and expenditure breakdown was updated for this 2023 annual report.

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:

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 Green Bay City is subject to the following approved TMDLs: Lower Fox River Basin and Lower Green Bay

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

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.*

The City submitted a TMDL Report (updated implementation plan and modeling) to WDNR prior to October 31, 2023. The City previously met modeling and developed urban area performance standard requirements under NR 151.13(2)(b).

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

[Example Sewer Detail for DNR.pdf](#)

Attach - Other Supporting Documents

AR EO

 File Attachment

[CGB-NEWSC Outreach Plan Template - 2023.pdf](#)

AR EO

 File Attachment

[CGB-NEWSC Outreach Plan Template - 2020-2022.pdf](#)

AR EO

 File Attachment

[Social Media Posts Summary 2023.pdf](#)

AR IP

 File Attachment

[2023 MS4 Report Attachment Summary - 2 PI&P.pdf](#)

AR IDDE

 File Attachment

[2023 MS4 Report Attachment Summary - 3 IDDE.pdf](#)

AR IDDE

 File Attachment

[Outfalls Master Record.pdf](#)

AR IDDE

 File Attachment

[2019-2024 Outfall Inspections.pdf](#)

AR_IDDE

 File Attachment

[Map_Major Minor Outfall Sampling 2023.pdf](#)

AR_IDDE

 File Attachment

[Map_Major Minor Outfall Sampling 2019-2024.pdf](#)

AR_CSPC

 File Attachment

[2023 MS4 Report Attachment - 4 CSPC.pdf](#)

AR_PCSSW

 File Attachment

[2023 MS4 Report Attachment Summary - 5 PCSWM.pdf](#)

AR_PP

 File Attachment

[2023 MS4 Report Attachment Summary - 6 PP.pdf](#)

AR_PP

 File Attachment

[2023 Municipal Owned or Operated Facilities Inventory.pdf](#)

AR_PP

 File Attachment

[2023 BMP Maintenance Record_Contractors.pdf](#)

AR_PP

 File Attachment

[2023 Trapping Report.pdf](#)

AR_PP

 File Attachment

[2023 Greenway Outfall Maintenance Summary.pdf](#)

AR_SWMap

 File Attachment

[Map_Storm Water Facility Locations.pdf](#)

AR_SWMap

 File Attachment

[Map_Proprietary Device Locations.pdf](#)

AR_SWMap

 File Attachment

[Map_2023 WPDES Industrial Permits.pdf](#)

AR_SWQM

 File Attachment

[Map Streets Parks Historic Districts, City Operated Facilities.pdf](#)

AR_SWQM

 File Attachment

[Map 2023 Water Classification Wetlands ESA.pdf](#)

AR_SWQM

 File Attachment

[Map 2023 Endangered Threatened Resources.pdf](#)

AR_SWQM

 File Attachment

[Map 2023 TMDL Reachsheds.pdf](#)

AR_SWGroupReport

 File Attachment

[2023 NEWSC Annual Report.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

PP_BMPInventory

 File Attachment

[2023 Municipal Owned or Operated Facilities Inventory.pdf](#)

(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](#)

Complete and Submit Your Application

You have not completed all areas of the application. Please return to the application and complete all missing items.

Contact Information: [Complete](#)

Minimum Control Measures Section 1: [Complete](#)

Minimum Control Measures Section 2: [Complete](#)

Minimum Control Measures Section 3: [Complete](#)

Minimum Control Measures Section 4: [Complete](#)

Minimum Control Measures Section 5: [Complete](#)

Minimum Control Measures Section 6: [Has Missing Items](#)

Minimum Control Measures Section 7: [Complete](#)

Attachments: [Complete](#)

Final Evaluation: [Complete](#)



Section 1

Public Education and Outreach

Attachments

City of Green Bay MS4 Education and Outreach

Goal: Increase awareness of storm water pollution impacts on waters of the state and encourage changes in public behavior to reduce such impacts.

2020-2023

#	2.1.1 Topic	Description Add WDNR description from permit language	2.1.3		Resources Available	Resources from Others worth checking out	Where to get it/How to use it	2.1.2 Delivery Mechanism Active/Passive	2020					2021					2022					2023					
			Target Audience Description						Action	Person Responsible	Date Planned/ Complete	Reach	Complete?	Action	Person Responsible	Date Planned/ Complete	Reach	Complete?	Action	Person Responsible	Date Planned/ Complete	Reach	Complete?	Action	Person Responsible	Date Planned/ Complete	Reach	Complete?	
			Select the Target Audience If other, specify																										What is planned?
1	Illicit Discharge Detection & Elimination	Promote detection and elimination of illicit discharges and water quality impacts associated with such discharges from municipal separate storm sewer systems.	General Public	Other (Specify Here)	Exhibit in Your Community to highlight topic		See Outreach Policy for procedure to make the most of NEWSC services https://drive.google.com/file/d/18wJfC6hlgkCw1z3WuE/view?usp=sharing	Information booth at event																	2023 NEWSC Exhibiting	NEWSC	3/24/2023	11	Yes
			General Public	Other (Specify Here)	Exhibit in Your Community to highlight topic		See Outreach Policy for procedure to make the most of NEWSC services https://drive.google.com/file/d/18wJfC6hlgkCw1z3WuE/view?usp=sharing	Information booth at event																	2023 NEWSC Exhibiting	NEWSC	6/17/2023	9	Yes
			Public Employees	Other (Specify Here)	Excal Visual Training (DVD training) - IDDE		https://www.excalvisual.com/idde-training IDDE – A Grate Concern Contact NEWSC Coordinator to check out								Litterati Cleanup Challenges	Kelly R.			Yes										
			General Public	Other (Specify Here)				Education Activities (School Presentations, summer camps)	Outfall Sampling with NWTG Students	Pam	Canceled due to Covid 19	15-20		Outfall Sampling with NWTG Students	Pam	13-May-21	16	Yes	Outfall Sampling with NWTG Students	Kelly O'Malley	5/12/2022	8	Yes	Outfall Sampling with NWTG Students	K. O'Malley	5/11/2023	9	Yes	
			General Public	Other (Specify Here)	School Presentations			Education Activities (School Presentations, summer camps)	6th & 8th grade presentation at local school	Kelly	Jan-20	35-55	Yes	NEWSC Virtual School Presentation	Anna B.	2/2/2021	65	Yes	Eisenhower Elementary Presentation	NEWSC	5/26/2022	80	Yes						
			Public Employees	Other (Specify Here)				Other Active/Interactive Mechanism	In house presentation and training on the greenway outfall maintenance	Pam	1-Apr-21	5	Yes	In house presentation and training on the greenway outfall maintenance	Kelly O'Malley	5/9/2022	3	Yes	In house presentation and training on the greenway outfall maintenance	K. O'Malley	5/11/2023	3	Yes						
			General Public	Other (Specify Here)	WBAY, Ch 2			Other Active/Interactive Mechanism	Segment on WBAY, Ch 2	Chris P			Yes	Segment on WTAQ radio	Chris P.	2-Apr-21		Yes											
			General Public	Other (Specify Here)																									
			General Public	Other (Specify Here)	City Council Academy			Workshops																	City Hall Academy	S. Grenier, V. Joosten, M. Schmitz, C. Pirlot, M. DeNiel, Jeremy	5/11/2023	20-25	Yes
			General Public	Other (Specify Here)	Watershed Cleanup*		See Outreach Policy for procedure to make the most of NEWSC services https://drive.google.com/file/d/18wJfC6hlgkCw1z3WuE/view?usp=sharing	Volunteer event	Annual Watershed Cleanup	Kelly R.	5/1/2021	179	Yes	Annual Watershed Cleanup				Yes	Annual Watershed Cleanup	NEWSC	5/7/2022	110	Yes	Annual Watershed Cleanup	NEWSC	5/6/2023	114	Yes	
			General Public	Other (Specify Here)				Government event (public hearing, council meeting)																	Sustainability Commission SWMP Presentation	K. O'Malley	3/8/2023	11	Yes
			General Public	Other (Specify Here)	Earth Day Volunteer Clean-Ups																			Earth Day shoreline clean-up at Ken Evers, Newberry Conservancy, and Bay Beach Amusement Park.	Green Bay Conservation Corps	4/22/2023	50	Yes	
			Other Appropriate Audience	High school students	Bay Beach Volunteer Clean-Up			Volunteer event																Bay Beach Clean Up Event	Green Bay Conservation Corps	4/18/2023	15	Yes	
			General Public	Other (Specify Here)	WBAY, Ch 2		https://www.wbay.com/2023/01/24/interview-salt-awareness-week/	Media offerings (radio and TV ads, press release, etc.)																Salt Awareness Week Televised Interview	NEWSC - A. Reinke	1/23/2023		Yes	
			General Public	Other (Specify Here)	WFRV		https://www.waaregreenbay.com/news/local-news/salt-leaving-bad-taste-in-mother-natures-mouth-research-shows-high-chloride-levels-in-wisconsin-rivers/	Media offerings (radio and TV ads, press release, etc.)																Winter Salt Reduction Televised Interview	NEWSC - K. Reyer	1/18/2023		Yes	
			General Public	Other (Specify Here)	Leaves & Storm Water Don't Mix Brochure		https://greenbaywi.gov/802/Stormwater-Management	Print media display (brochures at front desk, posters, etc.)	Available on website or upon request	Pam				Available on website or upon request	Pam			Yes	Available on website or upon request	Kelly O'			Yes	Available on website or upon request	K. O'Malley				
			General Public	Other (Specify Here)	Pool-Spa Discharge Requirements Brochure		https://greenbaywi.gov/802/Stormwater-Management	Print media display (brochures at front desk, posters, etc.)	Available on website or upon request	Pam				Available on website or upon request	Pam				Available on website or upon request	Kelly O'Malley			Yes	Available on website or upon request	K. O'Malley			Yes	
			General Public	Other (Specify Here)	Annual Information Guide		https://greenbaywi.gov/802/Stormwater-Management	Distribution of print media (mailings, newsletters, etc.) via mail or email	Available on website or upon request	Pam				Available on website or upon request	Pam			Yes	Available on website or upon request	DPW (Jennifer M coordinates)			Yes	Available on website or upon request	K. O'Malley	1/1/2023		Yes	
			Contractors	Other (Specify Here)	Cleaning Concrete Equipment & Disposal of Conc Materials			Distribution of print media (mailings, newsletters, etc.) via mail or email	Mailed out to Contractors	Pam	6-Feb-20		Yes	Mailed out to Contractors	Pam	19-Mar-21		Yes	Mailed out to Contractors					Mailed out to Contractors	K. O'Malley	3/7/2023	79	Yes	
			Contractors	Other (Specify Here)	Disposing of Carpet Cleaning Materials on City streets or into Storm Sewer Inlets Letter			Distribution of print media (mailings, newsletters, etc.) via mail or email	Mailed out to Contractors	Pam	6-Feb-20		Yes	Mailed out to Contractors	Pam	19-Mar-21		Yes	Mailed out to Contractors					Mailed out to Contractors	K. O'Malley	3/7/2023	42	Yes	
			General Public	Other (Specify Here)	Municipal Code Chapter 9. Chapters 16 and 32 (updated 2021)		mailto:https://greenbaywi.gov/802/Stormwater-Management		Available on website or upon request	Matt/Pam	6-Feb-20		Yes	Available on website or upon request	Matt/Pam			Yes	Available on website or upon request	Any updates to be approved by Steve G			Yes	Available on website or upon request	Any updates to be approved by S. Grenier			Yes	
			General Public	Other (Specify Here)	City of Green Bay Website		https://greenbaywi.gov/802/Stormwater-Management	Website	Available on website or upon request	Pam				Available on website or upon request	Pam			Yes	Available on website or upon request	Kelly O'Malley			Yes	Available on website or upon request	K. O'Malley			Yes	
			General Public	Other (Specify Here)	620WTMJ		https://wtmj.com/news/2023/01/29/local-organizations-bring-awareness-to-salt-usage/	Media offerings (radio and TV ads, press release, etc.)																Salt Awareness Interview Article	NEWSC - A. Reinke	1/29/2023		Yes	
			General Public	Other (Specify Here)	Department of Public Works, City of Green Bay, and Sustainable Green Bay Facebook Pages		https://www.facebook.com																	Social media posts	Public Works	Various		Yes	
2	Household Hazardous Waste Disposal/Pet Waste Management/ Vehicle Washing	Inform and educate the public about the proper management of materials that may cause storm water pollution from sources including automobiles, pet waste, household hazardous waste and household practices.	General Public	Other (Specify Here)	School Presentations		See Outreach Policy for procedure to make the most of NEWSC services https://drive.google.com/file/d/18wJfC6hlgkCw1z3WuE/view?usp=sharing	Education Activities (School Presentations, summer camps)	NEWSC Virtual School Presentation	Anna B.	2/2/2021	65	Yes	Eisenhower Elementary Presentation	NEWSC (listed previously, #1)	5/26/2022	80												
			General Public	Other (Specify Here)	Exhibit in Your Community to highlight topic		See Outreach Policy for procedure to make the most of NEWSC services https://drive.google.com/file/d/18wJfC6hlgkCw1z3WuE/view?usp=sharing	Information booth at event																2023 NEWSC Exhibiting	Listed previously (1)	3/24/2023	11		
			General Public	Other (Specify Here)	Exhibit in Your Community to highlight topic		See Outreach Policy for procedure to make the most of NEWSC services https://drive.google.com/file/d/18wJfC6hlgkCw1z3WuE/view?usp=sharing	Information booth at event																	2023 NEWSC Exhibiting	Listed previously (2)	6/17/2023	9	
			General Public	Other (Specify Here)	Household Hazard Waste Disposal Webpage		https://greenbaywi.gov/802/Stormwater-Management	Website	2020 Information Guide	Operations/Pam				2021 Information Guide	Operations/ Pam			Yes	2022 Information Guide	Operations			Yes	2023 Information Guide	Operations, K. O'Malley			Yes	
			General Public	Other (Specify Here)	Department of Public Works, City of Green Bay, and Sustainable Green Bay Facebook Pages		https://www.facebook.com																	Social media posts	Listed previously (3)	Various			

City of Green Bay MS4 Education and Outreach

Goal: Increase awareness of storm water pollution impacts on waters of the state and encourage changes in public behavior to reduce such impacts.
2020-2023

#	2.1.1 Topic	Description Add WDNR description from permit language	2.1.3		Resources Available	Resources from Others worth checking out	Where to get it/How to use it	2.1.2 Delivery Mechanism Active/Passive	2020					2021					2022					2023					
			Target Audience Description						Action	Person Responsible	Date Planned/ Complete	Reach	Complete?	Action	Person Responsible	Date Planned/ Complete	Reach	Complete?	Action	Person Responsible	Date Planned/ Complete	Reach	Complete?	Action	Person Responsible	Date Planned/ Complete	Reach	Complete?	
			Select the Target Audience if other, specify																										
			General Public	Other (Specify Here)	Storm Inlet Marking Brochure		https://greenbaywi.gov/802/Stormwater-Management	Print media display (brochures at front desk, posters, etc.)											Available on website or upon request	Kelly O'Malley			Yes	Available on website or upon request	K. O'Malley			Yes	
3	Yard Waste Management/ Pesticide and Fertilizer Application	Promote beneficial onsite reuse of leaves and grass clippings and proper use of lawn and garden fertilizers.	General Public	Other (Specify Here)	School Presentations		See Outreach Policy for procedure to make the most of NEWSC services https://drive.google.com/file/d/18wJfC6hlgkCw1z3WuEiVILi06Uj-TZd/view?usp=sharing	Education Activities (School Presentations, summer camps)						NEWSC Virtual School Presentation	Anna B.	2/2/2021	65	Yes	Eisenhower Elementary Presentation	NEWSC (listed previously, #1)	5/26/2022	80							
			General Public	Other (Specify Here)	Exhibit in Your Community to highlight topic		See Outreach Policy for procedure to make the most of NEWSC services https://drive.google.com/file/d/18wJfC6hlgkCw1z3WuEiVILi06Uj-TZd/view?usp=sharing	Information booth at event																2023 NEWSC Exhibiting	Listed previously (1)	3/24/2023	11		
			General Public	Other (Specify Here)	Exhibit in Your Community to highlight topic		See Outreach Policy for procedure to make the most of NEWSC services https://drive.google.com/file/d/18wJfC6hlgkCw1z3WuEiVILi06Uj-TZd/view?usp=sharing	Information booth at event																2023 NEWSC Exhibiting	Listed previously (2)	6/17/2023	9		
			General Public	Other (Specify Here)	WBAY, Ch 2			Other Active/Interactive Mechanism	Segment on WBAY, Ch 2	Chris P				Yes															
			General Public	Other (Specify Here)	WTAQ		https://wtaq.com/2021/04/02/spring-leaf-collection-will-start-april-12th-in-green-bay/	Other Active/Interactive Mechanism	Segment on WTAQ radio	Chris P.		4-Apr-21		Yes															
			General Public	Other (Specify Here)	City Council Academy			Workshops																	City Hall Academy	Listed previously (3)	5/11/2023	20-25	
			General Public	Other (Specify Here)				Government event (public hearing, council meeting)																	Sustainability Commission SWMP Presentation	Listed Previously (4)	3/8/2023	11	
			Residents	Other (Specify Here)	Where to Place and Garden Waste Letter to Residents			Distribution of print media (mailings, newsletters, etc.) via mail or email	Mailed out to residents	Chris P		5-Nov-20		Yes	Mailed out to residents	Chris P													
			General Public	Other (Specify Here)	Leaves & Storm Water Don't Mix Brochure		https://greenbaywi.gov/802/Stormwater-Management	Print media display (brochures at front desk, posters, etc.)	Available on website or upon request	Pam					Available on website or upon request	Pam	Pam		Yes	Available on website or upon request	Kelly O'Malley			Yes	Available on website or upon request	K. O'Malley		Yes	
			General Public	Other (Specify Here)	Leaf Tea Brochure		https://greenbaywi.gov/802/Stormwater-Management	Print media display (brochures at front desk, posters, etc.)	Available on website or upon request	Pam					Available on website or upon request	Pam	Pam		Yes	Available on website or upon request	Kelly O'Malley			Yes	Available on website or upon request	K. O'Malley		Yes	
			General Public	Other (Specify Here)	Storm Inlet Marking Brochure		https://greenbaywi.gov/802/Stormwater-Management	Print media display (brochures at front desk, posters, etc.)												Available on website or upon request	Listed previously (#2)				Available on website or upon request	Listed previously (5)			
			General Public	Other (Specify Here)	Curbside Leaf Collection Brochure		https://greenbaywi.gov/802/Stormwater-Management	Print media display (brochures at front desk, posters, etc.)												Available on website or upon request	Kelly O'Malley			Yes	Available on website or upon request	K. O'Malley		Yes	
			Residents	Other (Specify Here)	Annual Information Guide		https://greenbaywi.gov/802/Stormwater-Management	Website	Available on website or upon request						Available on website or upon request				Yes	Available on website or upon request					Available on website or upon request	Listed previously (6)	1/1/2023		
			General Public	Other (Specify Here)	Department of Public Works, City of Green Bay, and Sustainable Green Bay Facebook Pages		https://www.facebook.com																		Social media posts	Listed previously (3)	Various		
			Residents	Other (Specify Here)	City of Green Bay Civic Alerts; Green Bay News Network		https://www.gbnewsnetwork.com/news/green-bay-spring-yard-waste-loose-leaf-pickup/	Media offerings (radio and TV ads, press release, etc.)																	Spring Loose Leaf Collection Notice	DPW	4/12/2023		Yes
			Residents	Other (Specify Here)	City of Green Bay Civic Alerts; Green Bay News Network		https://www.gbnewsnetwork.com/news/city-of-green-bay-leaf-garden-waste-collection-begins-october-9th/	Media offerings (radio and TV ads, press release, etc.)																	Fall Loose Leaf Collection Notice	DPW	9/14/2023		Yes
			General Public	Other (Specify Here)	WFRV		https://www.wisconsinnews.com/news/local-news/public-works-departments-statewide-warn-public-about-environmental-impacts-from-storm-water-runoff/	Media offerings (radio and TV ads, press release, etc.)																	Stormwater Week News Story (TV) and Article	S. Grenier	8/9/2023		Yes
4	Stream and Shoreline Management	Promote the management of streambanks and shorelines by riparian landowners to minimize erosion and restore and enhance the ecological value of waterways.	General Public	Other (Specify Here)	School Presentations		See Outreach Policy for procedure to make the most of NEWSC services https://drive.google.com/file/d/18wJfC6hlgkCw1z3WuEiVILi06Uj-TZd/view?usp=sharing	Education Activities (School Presentations, summer camps)						NEWSC Virtual School Presentation	Anna B.	2/2/2021	65	Yes	Eisenhower Elementary Presentation	NEWSC (listed previously, #1)	5/26/2022	80							
			General Public	Other (Specify Here)	Exhibit in Your Community to highlight topic		See Outreach Policy for procedure to make the most of NEWSC services https://drive.google.com/file/d/18wJfC6hlgkCw1z3WuEiVILi06Uj-TZd/view?usp=sharing	Information booth at event																2023 NEWSC Exhibiting	Listed previously (1)	3/24/2023	11		
			General Public	Other (Specify Here)	Exhibit in Your Community to highlight topic		See Outreach Policy for procedure to make the most of NEWSC services https://drive.google.com/file/d/18wJfC6hlgkCw1z3WuEiVILi06Uj-TZd/view?usp=sharing	Information booth at event																2023 NEWSC Exhibiting	Listed previously (2)	6/17/2023	9		
			Public Employees	Other (Specify Here)	Green Bay Conservation Partners Roundtable			Targeted group training (contractors, consultants)																	Topics covered on stream and shoreline restoration.	K. O'Malley, K. Mincheski	4/25/2023	2	Yes
			General Public	Other (Specify Here)				Education Activities (School Presentations, summer camps)												NWTC tour of Christa McAuliffe Pond	Kelly O', Jared (REL)	3/3/2022	7	Yes					
			General Public	Other (Specify Here)				Other Active/Interactive Mechanism																	Informal conversations with general public during fieldwork along East River	Green Bay Conservation Corps	1/23/2023	20	Yes
			Residents	Other (Specify Here)	Beaver Dam Creek Clean-Up				Cleaned up portion of the Beaver Dam Creek	Pam/MacArthur Heights NA	Canceled due to Covid 19				Cleaned up portion of the Beaver Dam Creek	Pam/MacArthur Heights NA	17-Apr-21	28	Yes	Cleaned up portion of the Beaver Dam Creek	Kelly O/MacArthur Heights NA	4/30/2022	16	Yes	Cleaned up portion of the Beaver Dam Creek	K. O'Malley, MacArthur Heights NA	4/22/2023	22	Yes
			General Public	Other (Specify Here)	Earth Day Volunteer Clean-Ups																				Earth Day shoreline clean-up at Ken Evers, Newberry Conservancy, and Bay Beach Amusement Park.	Listed previously (7)	4/22/2023	50	
			Residents	Other (Specify Here)	Joliet Park Restoration Volunteer Event																				Joliet Park Restoration Volunteer Event - invasive removal and native planting for erosion control	Green Bay Conservation Corps	10/8/2023	20	Yes
			Other Appropriate Audience	High school students	Bay Beach Volunteer Clean-Up																				Bay Beach Clean Up Event	Listed previously (8)	4/18/2023	15	

City of Green Bay MS4 Education and Outreach

Goal: Increase awareness of storm water pollution impacts on waters of the state and encourage changes in public behavior to reduce such impacts.
2020-2023

#	2.1.1 Topic	Description Add WDNR description from permit language	2.1.3 Target Audience Description	Resources Available	Resources from Others worth checking out	Where to get it/How to use it	2.1.2 Delivery Mechanism Active/Passive	2020					2021					2022					2023							
								Action	Person Responsible	Date Planned/ Complete	Reach	Complete?	Action	Person Responsible	Date Planned/ Complete	Reach	Complete?	Action	Person Responsible	Date Planned/ Complete	Reach	Complete?	Action	Person Responsible	Date Planned/ Complete	Reach	Complete?			
			Select the Target Audience If other, specify			Provide details about what it is so that implementing the Outreach is easier.	Select your type of Delivery Mechanism	What is planned?	Who is going to do it?	When?	# people reached	Yes/No	What is planned?	Who is going to do it?	When?	# people reached	Yes/No	What is planned?	Who is going to do it?	When?	# people reached	Yes/No	What is planned?	Who is going to do it?	When?	# people reached	Yes/No			
5	Residential Infiltration	Promote infiltration of residential storm water runoff from rooftop downspouts, driveways, and sidewalks.	General Public	Other (Specify Here)	School Presentations		See Outreach Policy for procedure to make the most of NEWSC services https://drive.google.com/file/d/18w4fC6hIkCw1z3WuErvIIJo6Uj-TZd/view?usp=sharing	Education Activities (School Presentations, summer camps)						NEWSC Virtual School Presentation	Anna B.	2/2/2021	65	Yes	Eisenhower Elementary Presentation	NEWSC (listed previously, #1)	5/26/2022	80								
			General Public	Other (Specify Here)	Exhibit in Your Community to highlight topic		See Outreach Policy for procedure to make the most of NEWSC services https://drive.google.com/file/d/18w4fC6hIkCw1z3WuErvIIJo6Uj-TZd/view?usp=sharing	Information booth at event															2023 NEWSC Exhibiting	Listed previously (1)	3/24/2023	11				
			General Public	Other (Specify Here)	Exhibit in Your Community to highlight topic		See Outreach Policy for procedure to make the most of NEWSC services https://drive.google.com/file/d/18w4fC6hIkCw1z3WuErvIIJo6Uj-TZd/view?usp=sharing	Information booth at event																2023 NEWSC Exhibiting	Listed previously (2)	6/17/2023	9			
			Residents	Other (Specify Here)	Aldo Leopold Weekend Conservation Fair				Information booth at event											Rain Barrel, Rain Garden, Adopt-an- Inlet and Inlet Marking Booth	Kelly O', Melissa, Ethan (Clean WI)	3/13/2022	~12	Yes	Rain Barrel, Rain Garden, No Mow May	M. Schmitz	2/25/2023	25	Yes	
			General Public	Other (Specify Here)	City Council Academy				Workshops																City Hall Academy	Listed Previously (3)	5/11/2023	20-25		
			General Public	Other (Specify Here)	Rain Garden Educational Event				Workshops																Rain Garden Educational Event	Green Bay Conservation Corps, Lindsey Kurtz	3/23/2023	25	Yes	
			General Public	Other (Specify Here)	Go Green Titletown				Information booth at event																Go Green Titletown	Green Bay Conservation Corps	5/13/2023	30	Yes	
			General Public	Other (Specify Here)	Ken Euers Educational Tour				Tours																Ken Euers Educational Tour	Green Bay Conservation Corps	5/13/2023	5	Yes	
			General Public	Other (Specify Here)	Rain Garden Presentation				Workshops																Rain Garden Presentation	Green Bay Conservation Corps	11/1/2023	10	Yes	
			General Public	Other (Specify Here)					Government event (public hearing, council meeting)																Sustainability Commission SWMP Presentation	Listed Previously (4)	3/8/2023	11		
			General Public	Other (Specify Here)	Rain Garden Installation Event				Volunteer event																Rain Garden Installation Event	Green Bay Conservation Corps	8/23/2023	25	Yes	
			General Public	Other (Specify Here)	City of Green Bay Website - Green Stormwater Infrastructure Page															Available on website or upon request	Melissa Schmitz			Yes	Available on website or upon request	M. Schmitz			Yes	
			General Public	Other (Specify Here)	WBAY news report and article				https://www.wbay.com/2023/02/07/east-river-collaborative-focuses-improving-flooding-resiliency-greater-green-bay-area/	Media offerings (radio and TV ads, press release, etc.)															Toured and spoke on flood resiliency/water management	M. Schmitz	2/7/2023	>7	Yes	
			General Public	Other (Specify Here)	City of Green Bay Website - Green Stormwater Infrastructure Revolving Loan Fund Page				https://greenbaywi.gov/1422/Residential-Green-Stormwater-Infrastruct																GSI Revolving Loan Fund Webpage	M. Schmitz	7/5/2023		Yes	
			General Public	Other (Specify Here)	GSI Revolving Loan Fund Rack Card					Print media display (brochures at front desk, posters, etc.)																GSI Revolving Loan Fund Rack Card	M. Schmitz	7/5/2023		Yes
			General Public	Other (Specify Here)	Department of Public Works, City of Green Bay, and Sustainable Green Bay Facebook Pages				https://www.facebook.com																	Social media posts	Listed Previously (3)	Various		
										Social media posts																				
6	Construction Sites & Post Construction Stormwater Management	Inform and 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.	Public Employees	Other (Specify Here)	Fox-Wolf Watershed Conference		Annual Conference held 1st Tuesday/Wednesday in March - check online www.fwwa.org/conference for more details	Targeted group training (contractors, consultants)	Utility Section staff attended	Matt	March 3-4, 2020	6	Yes	Utility Section staff attended	Matt	March 2-4, 2021	6	Yes	Utility Section staff attended	Matt/Melissa	3/9/2022	4	Yes	Utility Section staff attended	V. Joosten, M. Schmitz	3/1/2023	7	Yes		
			General Public	Other (Specify Here)	School Presentations			Education Activities (School Presentations, summer camps)							NEWSC Virtual School Presentation	Anna B.	2/2/2021	65	Yes	Eisenhower Elementary Presentation	NEWSC (listed previously, #1)	5/26/2022	80							
			General Public	Other (Specify Here)	City Council Academy			Workshops																	City Hall Academy	Listed previously (9)	5/11/2023	20-25		
			Public Employees	Other (Specify Here)	UW Madison Course: Essentials of Hydraulics for Civil and Environmental Professionals			Targeted group training (contractors, consultants)																	Utility Section staff attended	K. O'Malley	10/24/2023	1	Yes	
			Public Employees	Other (Specify Here)	NEWSC TMDL Workshop			Workshops																	Utility Section staff attended	V. Joosten, K. O'Malley, M. McGuire	9/14/2023	3	Yes	
			Public Employees	Other (Specify Here)	NASECA Winter Erosion Control Compliance Training	NASECA Erosion Control Training		Targeted group training (contractors, consultants)																	Utility Section staff attended	K. Mincheski, V. Miller	11/28/2023	2	Yes	
			Public Employees	Other (Specify Here)	NASECA Conference		Annual conference on advancements in stormwater and erosion control	Targeted group training (contractors, consultants)																	Utility Section staff attended	K. Mincheski	2/1/2023	1	Yes	
			Contractors	Other (Specify Here)	TDS/Tilson Safety Standdown			Targeted group training (contractors, consultants)																	TDS/Tilson Safety Standdown Erosion Control Training	K. Mincheski	6/15/2023	>80	Yes	
			Contractors	Other (Specify Here)	USLE Training			Targeted group training (contractors, consultants)																	USLE Training	K. Mincheski	12/5/2023	3	Yes	
			Contractors	Other (Specify Here)	USLE Training			Targeted group training (contractors, consultants)																	USLE Training	K. Mincheski	12/14/2023	11	Yes	
			General Public	Other (Specify Here)	WBAY, Ch 2			Other Active/Interactive Mechanism	Segment on WBAY, Ch 2	Chris P			Yes																	
			General Public	Other (Specify Here)	School Presentations			Education Activities (School Presentations, summer camps)						NEWSC Virtual School Presentation	Anna B.	2/2/2021	65	Yes	Eisenhower Elementary Presentation	NEWSC (listed previously, #1)	5/26/2022	80								
			General Public	Other (Specify Here)	Exhibit in Your Community to highlight topic		See Outreach Policy for procedure to make the most of NEWSC services https://drive.google.com/file/d/18w4fC6hIkCw1z3WuErvIIJo6Uj-TZd/view?usp=sharing	Information booth at event															2023 NEWSC Exhibiting	Listed previously (1)	3/24/2023	11				

City of Green Bay MS4 Education and Outreach

Goal: Increase awareness of storm water pollution impacts on waters of the state and encourage changes in public behavior to reduce such impacts.
2020-2023

#	2.1.1 Topic	Description Add WDNR description from permit language	2.1.3 Target Audience Description		Resources Available	Resources from Others worth checking out	Where to get it/How to use it	2.1.2 Delivery Mechanism Active/Passive	2020					2021					2022					2023					
									Action	Person Responsible	Date Planned/ Complete	Reach	Complete?	Action	Person Responsible	Date Planned/ Complete	Reach	Complete?	Action	Person Responsible	Date Planned/ Complete	Reach	Complete?	Action	Person Responsible	Date Planned/ Complete	Reach	Complete?	
			Select the Target Audience If other, specify				Provide details about what it is so that implementing the Outreach is easier.	Select your type of Delivery Mechanism	What is planned?	Who is going to do it?	When?	# people reached	Yes/No	What is planned?	Who is going to do it?	When?	# people reached	Yes/No	What is planned?	Who is going to do it?	When?	# people reached	Yes/No	What is planned?	Who is going to do it?	When?	# people reached	Yes/No	
7	Pollution Prevention	Identify businesses and activities that may pose a storm water contamination concern, and educate those specific audiences on methods of stormwater pollution prevention.	General Public	Other (Specify Here)	Exhibit in Your Community to highlight topic		See Outreach Policy for procedure to make the most of NEWSC services https://drive.google.com/file/d/18wJfC6hIkCw1z3WuE7vU1o6UJTZd/view?usp=sharing	Information booth at event															2023 NEWSC Exhibiting	Listed previously (2)	6/17/2023	9			
			Public Employees	Other (Specify Here)			See Outreach Policy for procedure to make the most of NEWSC services https://drive.google.com/file/d/18wJfC6hIkCw1z3WuE7vU1o6UJTZd/view?usp=sharing	Other Active/Interactive Mechanism	In house presentation and training on the greenway outfall maintenance	Pam		Apr-21	5	Yes									In house presentation and training on the greenway outfall maintenance	Listed previously (10)	5/11/2023	3			
			Public Employees	Other (Specify Here)	NEWSC Stormwater Quality Management Half-Day Workshop				Workshops															Utility Section staff attended	Listed previously (11)	9/14/2023	3		
			Public Employees	Other (Specify Here)	Winnebago County Facility Tour - Street Sweeping Storage and Dewatering Facilities				Workshops															Tour of Street Sweeping/Dewatering Facilities (Oshkosh, Winnebago Co.)	V. Joosten, J. Brassfield, D. Wiesman, N. Wachtendonk, T. Hobbs	4/26/2023	5	Yes	
			General Public	Other (Specify Here)	City Council Academy				Workshops															City Hall Academy	Listed Previously (9)	5/11/2023	20-25		
			General Public	Other (Specify Here)	National APWA Winter Road Maintenance Supervisory Class				Targeted group training (contractors, consultants)															National APWA Winter Road Maintenance Supervisor Classes (5)	N. Wachtendonk (Fleet Mgr)	9/28/2023	30-100 (per course)	Yes	
			General Public	Other (Specify Here)	Fox-Wolf Chloride Monitoring		https://www.google.com/maps/d/viewer?mid=1h3MTDCCNVvwoBdaInhGS1eRtFz&ll=44.257325192453074%2C-88.208483627895678&e=9	Volunteer event											Fox-Wolf Chloride Monitoring	Anna B./Alyssa R.	3/17/2022	4	Yes		Fox-Wolf Chloride Monitoring	Anna B., A. Reinke	1/4/2023	1	Yes
			General Public	Other (Specify Here)					Government event (public hearing, council meeting)															Sustainability Commission SWMP Presentation	Listed Previously (4)	3/8/2023	11		
			General Public	Other (Specify Here)	WBAY, Ch 2		https://www.wbay.com/2023/01/24/interview-salt-awareness-week/	Media offerings (radio and TV ads, press release, etc.)																Salt Awareness Week Televised Interview	Listed previously (12)	1/23/2023			
			General Public	Other (Specify Here)	WFRV		https://www.waaregreenbay.com/news/local-news/salt-leaving-bad-taste-in-mother-natures-mouth-research-shows-high-chloride-levels-in-wisconsin-rivers/	Media offerings (radio and TV ads, press release, etc.)																Winter Salt Reduction Televised Interview	Listed previously (13)	1/18/2023			
			General Public	Other (Specify Here)	Storm Inlet Marking Brochure		https://greenbaywi.gov/802/Stormwater-Management	Print media display (brochures at front desk, posters, etc.)	Available on website or upon request	Pam					Available on website or upon request	Pam			Yes	Available on website or upon request	Listed previously (#2)			Available on website or upon request	Listed previously (5)				
			General Public	Other (Specify Here)	Adopt A Storm Inlet Brochure		https://greenbaywi.gov/802/Stormwater-Management	Print media display (brochures at front desk, posters, etc.)	Available on website or upon request	Pam					Available on website or upon request	Pam			Yes	Available on website or upon request	Kelly O'Malley			Yes	Available on website or upon request	K. O'Malley			Yes
			General Public	Other (Specify Here)	Leaf Tea, Leaves & Storm Water Don't Mix Brochures		https://greenbaywi.gov/802/Stormwater-Management	Print media display (brochures at front desk, posters, etc.)	Available on website or upon request	Pam					Available on website or upon request	Pam			Yes	Available on website or upon request	Listed previously (#3)			Available on website or upon request	Listed previously (14)				
			General Public	Other (Specify Here)	Adopt A Ditch Brochure		https://greenbaywi.gov/802/Stormwater-Management	Print media display (brochures at front desk, posters, etc.)	Available on website or upon request	Pam					Available on website or upon request	Pam			Yes	Available on website or upon request	Kelly O'Malley			Yes	Available on website or upon request	K. O'Malley			Yes
			General Public	Other (Specify Here)	Adopt A Pond Brochure		https://greenbaywi.gov/802/Stormwater-Management	Print media display (brochures at front desk, posters, etc.)	Available on website or upon request	Pam					Available on website or upon request	Pam			Yes	Available on website or upon request	Kelly O'Malley			Yes	Available on website or upon request	K. O'Malley			Yes
			General Public	Other (Specify Here)	Adopt A Creek Brochure		https://greenbaywi.gov/802/Stormwater-Management	Print media display (brochures at front desk, posters, etc.)	Available on website or upon request	Pam					Available on website or upon request	Pam			Yes	Available on website or upon request	Kelly O'Malley			Yes	Available on website or upon request	K. O'Malley			Yes
			General Public	Other (Specify Here)	Protecting Our Greenways Brochure		https://greenbaywi.gov/802/Stormwater-Management	Print media display (brochures at front desk, posters, etc.)	Available on website or upon request	Pam					Available on website or upon request	Pam			Yes	Available on website or upon request	Kelly O'Malley			Yes	Available on website or upon request	K. O'Malley			Yes
			General Public	Other (Specify Here)	Department of Public Works, City of Green Bay, and Sustainable Green Bay Facebook Pages		https://www.facebook.com	Social media posts																	Social media posts	Listed previously (3)	Various		
			General Public	Other (Specify Here)	WFRV		https://www.waaregreenbay.com/news/local-news/public-works-departments-statewide-warn-public-about-environmental-impacts-from-storm-water-runoff/	Media offerings (radio and TV ads, press release, etc.)																	Stormwater Week News Story (TV) and Article	S. Grenier	8/9/2023		Yes
			General Public	Other (Specify Here)	G20WTMJ		https://wtmj.com/news/2023/01/29/local-organizations-bring-awareness-to-salt-usage/	Media offerings (radio and TV ads, press release, etc.)																	Salt Awareness Interview Article	Listed previously (15)	1/29/2023		
Green Infrastructure & Land Development	Promote environmentally sensitive land development designs by	Public Employees	Other (Specify Here)		Wisconsin Financing GI Compendium	American Rivers and WaterNow Alliance	Workshops							Financing Green Infrastructure on private property	Melissa Schmitz	26-Oct	12	Yes	Leadership Green Bay Environment Day Panel	Melissa Schmitz			Yes						
		Public Employees	City employees	Sea Grant, TNC, WCMP	Learn more about ERRC		Workshops							Flood hazard mapping, impacts, solutions.	Melissa Schmitz	14-Oct	25	Yes	Flood hazard mapping, impacts, solutions	Melissa Schmitz	1/7/2022	20	Yes						
		General Public	Other (Specify Here)			http://www.lakemichiganstakeholders.org/lake-michigan-day#:~:text=Join%20us%20on%20August%2012,Lake%20Michigan%20Champions%20or%20Con%20ervation.&text=11%3A15am%20to%2011%3A45am%20C%20inda%20Read%20Principals%20Water365												Lake Michigan Day - GI Code Audit Presentation	Melissa Schmitz	8/12/2022	40	Yes							
		Public Employees	Other (Specify Here)	WAFSCM Conference		https://wafscm.org/annual-conference/	Targeted group training (contractors, consultants)	Utility Section staff attended	Matt	March 3-4, 2020	6	Yes							WAFSCM Conference	Melissa Schmitz	10/20/2022	1	Yes		WAFSCM Conference	M. Schmitz	11/1/2023	1	Yes
		General Public	Other (Specify Here)	WAFSCM Conference Presentation		https://wafscm.org/annual-conference/	Targeted group training (contractors, consultants)																	Developing Green Bay GSI Plan Presentation	M. Schmitz	11/1/2023	50	Yes	
		General Public	Other (Specify Here)	WAFSCM Conference Tour		https://wafscm.org/annual-conference/	Tours																	Green Bay Permeable Pavement Demo Tour (WAFSCM)	M. Schmitz	11/1/2023	50	Yes	
		Public Employees	Staff and Elected Leaders				Workshops												GSI Kick-off Workshop	Melissa Schmitz	12/8/2022	25	Yes						
		Residents	Other (Specify Here)	Aldo Leopold Weekend Conservation Fair															Rain Barrel, Rain Garden, Adopt-an-Inlet and Inlet Marking Booth	Listed previously (#5)					Rain Barrel, No Mow May	Listed Previously (16)	2/25/2023	25	
		General Public	Other (Specify Here)	City Council Academy			Workshops																	City Hall Academy	Listed Previously (9)	5/11/2023	20-25		
		General Public	Other (Specify Here)				Government event (public hearing, council meeting)																	Sustainability Commission SWMP Presentation	Listed Previously (4)	3/8/2023	11		

Goal: Increase awareness of storm water pollution impacts on waters of the state and encourage changes in public behavior to reduce such impacts.

Planned	Complete
Covered at least Once during permit term?	
yes	yes
yes	yes
yes	yes
yes	yes
yes	yes
yes	yes
yes	yes
yes	yes
8	8
Covered all 8? YES	

City of Green Bay - Social Media Posts Summary (2023)

Facebook Page - City of Green Bay Public Works

<u>Post Date(s)</u>	<u>Post Topic</u>
Jan 27	Regarding snow removal, post addresses why salt will not be applied due to ineffectiveness at low temperatures.
Feb 27	Request for residents to adopt an inlet and clear snow and debris during upcoming period of rain and snowmelt.
Apr 6	Spring Yard Waste Collection
Apr 26-28; May 2-3, 9-11, 15-17	Update post every week day between Apr 26 - May 17
Apr 11	No Mow May
Apr 19	Event notification for Beaver Dam Creek Cleanup (Repost)
May 10, 16; Jun 19	Residential Rain Barrel Program (Promotional and Update Posts)
Jun 30	Proper firework disposal and explanation of pollution impact to stormwater.
Aug 7-11	Wisconsin Stormwater Week
Aug 7	"Stormwater 101" - Promotion of Stormwater Week with Link to WI Stormwater Webpage
Aug 8	"Rain Collection 101" (2 posts) - Promotion of Webinar, City Website, and Link to WI Stormwater Webpage; Topics include rain collection, rain barrels, rain gardens
Aug 9	"Lawn Care 101" - Link to WI Stormwater Webpage; Topics include management of chemicals/fertilizer, water, and grass clippings
Aug 10	"Leaves 101" (2 posts) - Promotion of Webinar and Link to WI Stormwater Webpage; Topics include leaf removal
Aug 11	"Only Rain Down the Drain 101" - Link to WI Stormwater Webpage; Topics include pollution prevention, personal car washing tips
Sep 13, Oct 4	Fall Yard Waste Collection
Oct 9-13, 16-19, 23-26, 31; Nov 1-3, 6-10, 13-15, 17, 20-22, 27	Update post on every week day between Oct 9 - Nov 27

Dec 1	Information regarding yard waste drop-off site locations.
Oct 20	Regarding the Residential Rain Barrel Program, describes methods and importance of winterizing barrels.
Oct 24	Flood prevention during rain events, including inlet clearing and not leaving leaf litter in street.
Nov 22	Tips on disposal of fats, oils, and grease.
Dec 6	Methods to reduce residential deicer application rates.
Dec 7	Link to 2024 DPW Information Guide (City of Green Bay)
Dec 15	Informational post explaining environmental benefit of salt brine use by City.

Facebook Page - City of Green Bay Government

Feb 27	Request for residents to adopt an inlet and clear snow and debris during upcoming period of rain and snowmelt. (Repost)
Mar 7-8	Flood Awareness Week; Topics include flood prevention, inlet cleaning, and utilizing rain barrels/gardens.
Apr 6	Spring Yard Waste Collection
Apr 11, 20; May 1, 5; Jun 1	No Mow May
Apr 26	Event notice for City Hall Academy, an education program for residents on City departments including Public Works - MS4 permit, stormwater pond, GSI, rain barrels/gardens.
May 10, 16	Residential Rain Barrel Program (Promotional and Update Posts)
Sep 13, Oct 18	Fall Yard Waste Collection

Facebook Page - Green Bay Sustainability Commission ("Sustainable Green Bay")

Jan 18	Link shared to Sea Grant document detailing GSI.
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Feb 8	Monthly "Green" Themes - laid out themes, including Adopt-an-Inlet April and No Mow May
Apr 23; May 12	Article explaining community benefits of GSI.
May 1	No Mow May
May 10	Residential Rain Barrel Program (Repost; Promotional/Updates)
Jul 5	Shared Link to GSI Initiatives (City of Green Bay Webpage)
Jul 7	GSI Revolving Loan Fund Program (Repost; Promotional)

2023 ANNUAL REPORT



NORTHEAST WISCONSIN STORMWATER CONSORTIUM



2023

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.

NORTHEAST WISCONSIN STORMWATER CONSORTIUM

PO Box 1861
Appleton, WI 54912

NEWSC Coordinator: Alyssa Reinke
Email: Alyssa@fwwa.org
Phone: (920)851-4336

2023 NEWSC MEMBERS

Brown County	Town of Grand Chute	University of WI – Oshkosh
Calumet County	Town of Lawrence	
Fond du Lac County	Town of Ledgeview	AECOM
Outagamie County	Town of Neenah	Ayres Associates
Winnebago County	Town of Omro	Brown & Caldwell
	Town of Scott	Cedar Corporation
City of Appleton	Town of Taycheedah	Contech Construction
City of De Pere	Town of Vinland	County Materials
City of Fond du Lac		Davel Engineering
City of Green Bay	Village of Allouez	Mach IV Engineering &
City of Kaukauna	Village of Ashwaubenon	Surveying
City of Manitowoc	Village of Bellevue	Martenson & Eisele
City of Marinette	Village of Combined Locks	Mau & Associates
City of Menasha	Village of Eden	McMAHON Group
City of Neenah	Village of Fox Crossing	Mead & Hunt
City of Oshkosh	Village of Greenville	MSA Professional Services
City of Two Rivers	Village of Harrison	raSmith
	Village of Hobart	Robert E. Lee Associates
Town of Algoma	Village of Howard	Ruekert & Mielke
Town of Black Wolf	Village of Kimberly	Westwood Professional
Town of Buchanan	Village of Little Chute	Services
Town of Clayton	Village of N. Fond du Lac	
Town of Fond du Lac	Village of Sherwood	
Town of Friendship	Village of Suamico	



Renew Our Waters

Every choice counts.

ANNUAL REPORT PART 2: STORMWATER PROGRAM EVALUATION - MINIMUM CONTROL MEASURES

MCM #1 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
Carpet Cleaning Website	http://www.renewourwaters.org/carpet-cleaning-2/
Carpet Cleaning Website Updated	https://fwwa.org/2023/01/18/carpet-cleaning/
Greenhouses, Garden Centers, & Nurseries Fyer	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
Power Washing Website	http://www.renewourwaters.org/power-washing/
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 Managment 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

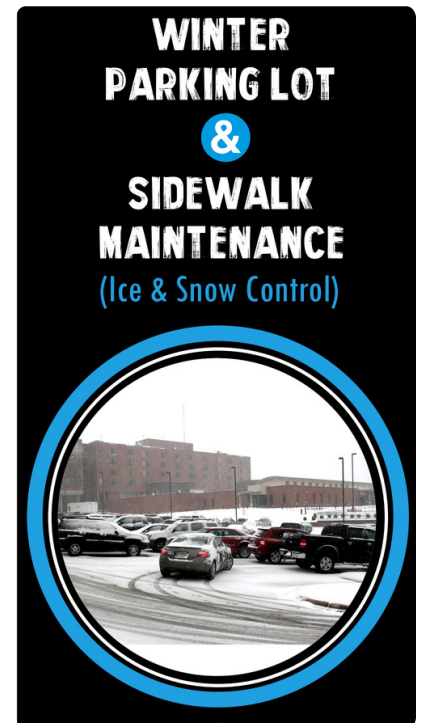
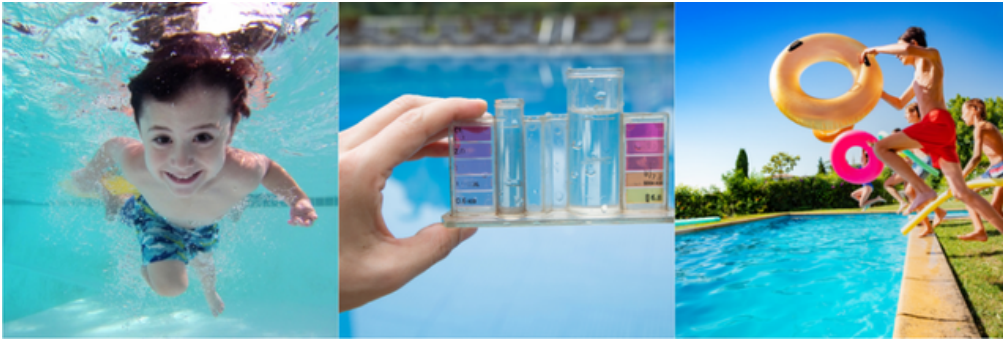
***Did you have inspectors in your community stop by any businesses this year?
Did they do illicit discharge inspections and meet with area businesses about illicit discharge?
If so, you can record those interactions as active outreach.***

MCM #1 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.

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
Fish Don't Swim in Chlorine Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/Pool-Spa-Discharge.pdf
Fish Don't Swim in Chlorine Website	http://www.renewourwaters.org/pools-and-spas/
Fish Don't Swim in Chlorine Website Updated	https://fwwa.org/2023/01/18/fish-dont-swim-in-chlorine-2/

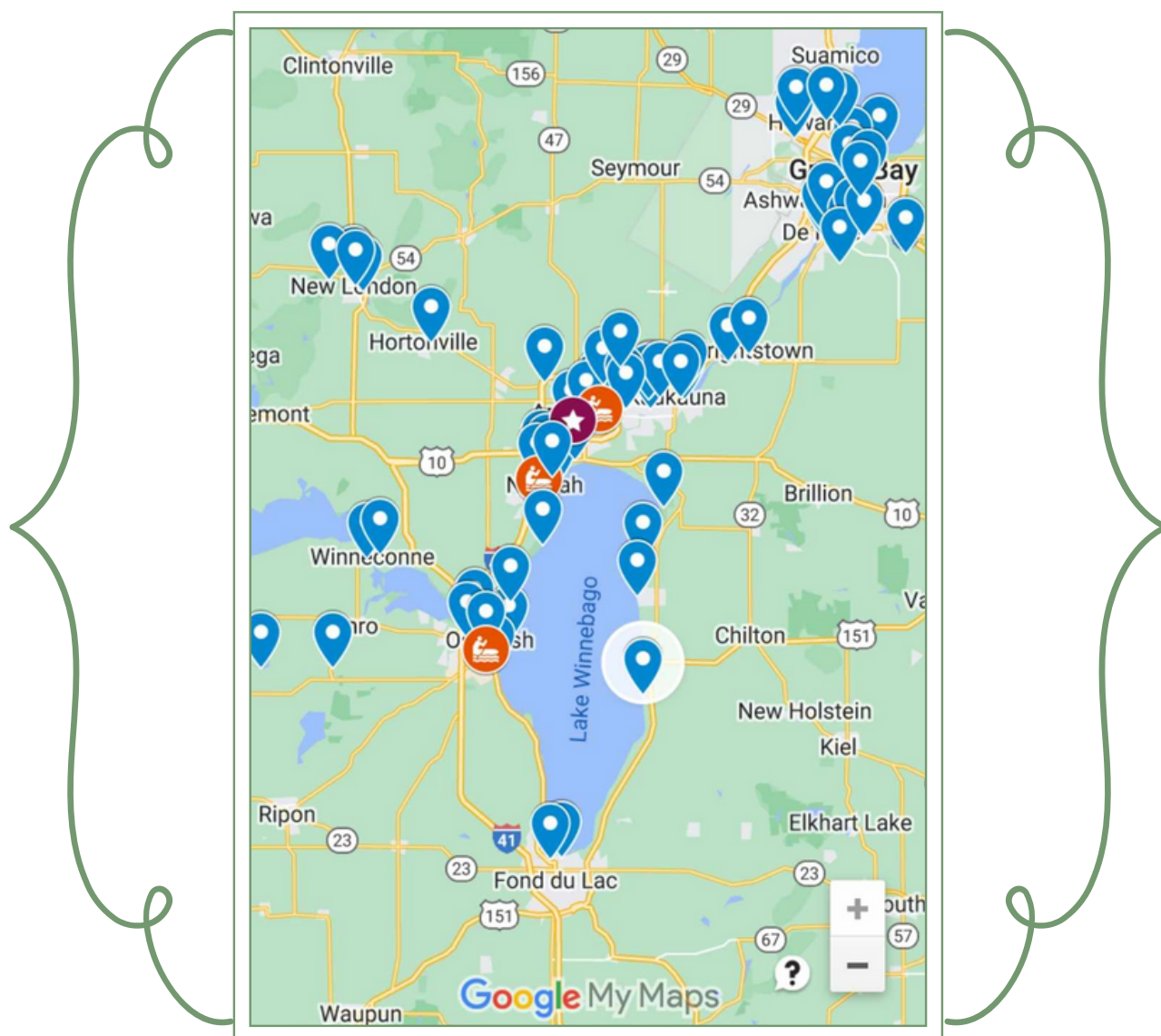


***Did you have inspectors in your community stop by any businesses this year?
Did they do illicit discharge inspections and meet with area businesses about illicit discharge?
If so, you can record those interactions as active outreach.***

NEWSC ACTIVE PRESENTATION DELIVERY ON BEHALF OF MEMBERS: ANNUAL WATERSHED CLEANUP - IDDE EDUCATION FOR VOLUNTEERS

Fox-Wolf Watershed Alliance hosts Northeast Wisconsin's largest volunteer trash cleanup May 6, 2023. We continue to add sites every year. Over 1,600 volunteers joined us in 2023 to clean up over 65 public sites in our watershed. Volunteers started the morning by meeting at their assigned sites, with their site leaders. They learn about trash collection and pollution (illicit discharge) in addition to how to properly retrieve, collect, and dispose of it. After the cleanup, trash weights are totaled and volunteers join us for our annual Cleanup Picnic. Fox-Wolf staff work the event to assist in the fun activities, but also to interact and educate the participants.

There are 65+ cleanup sites located along the Fox River, the Wolf River, Lake Butte des Morts, Lake Winnebago, Lake Winneconne, the East River, the bay of Green Bay, and more throughout the Fox-Wolf River Basin. If your community would like a site added for 2024, contact Sharon (CleaUp@fwwa.org). Sites should have public access. Communities are asked to provide a site leader for the 1st year.



***Additional data and volunteer trash totals can be found under
MCM #2 Public Involvement and Participation (Volunteer Activities)**

NEWSC ACTIVE PRESENTATION DELIVERY ON BEHALF OF MEMBERS: ANNUAL WATERSHED CLEANUP - IDDE EDUCATION FOR VOLUNTEERS CONTINUED

*Total number of active education participants by community

Municipality	Number of Volunteers
Allouez	19
Appleton	196
Brown County	71
Calumet County	48
Combined Locks	41
De Pere	42
Fond du Lac	98
Fox Crossing	20
Grand Chute	11
Green Bay	114
Hortonville	52
Howard	23
Kaukauna	76
Kimberly	63
Ledgeview	38
Little Chute	56
Menasha	76
Neenah	118
New London	35
Oshkosh	226
Winnebago County	87
Winneconne	43
Wrightstown	24



NEWSC ACTIVE PRESENTATION DELIVERY ON BEHALF OF MEMBERS: 2023/2024 CHLORIDE MONITORING - IDDE EDUCATION FOR VOLUNTEERS

Chloride volunteers were trained and received active participation education. During trainings, participants learned about chlorides and their impact on our waterways, proper winter salting/maintenance practices, and Documentation numbers are below and detailed data and photos can be found on the Google Map.

[https://www.google.com/maps/d/u/0/viewer?](https://www.google.com/maps/d/u/0/viewer?mid=1hBOxrw1PIrzz9bsalgCTdEIFGvjdrM0&ll=44.371693999171775%2C-88.299074999999997&z=8)

[mid=1hBOxrw1PIrzz9bsalgCTdEIFGvjdrM0&ll=44.371693999171775%2C-88.299074999999997&z=8](https://www.google.com/maps/d/u/0/viewer?mid=1hBOxrw1PIrzz9bsalgCTdEIFGvjdrM0&ll=44.371693999171775%2C-88.299074999999997&z=8)

Virtual/Online training recording:

<https://drive.google.com/file/d/1km9X-ez1lStSyE5hVRooJNMIkq7hF4Qr/view?usp=sharing>

*Total number of active education participants by community

Municipality	Number of Active Education Volunteers	Municipality	Number of Active Education Volunteers
Brown County	2	Town of Algoma	1
Fond du Lac County	1	Town of Grand Chute	1
Outagamie County	3	Town of Ledgeview	1
Winnebago County	1	Town of Neenah	1
City of Fond du Lac	2	Town of Vinland	1
City of Green Bay	1	Village of Fox Crossing	1
City of Menasha	1	Village of Harrison	1
City of Oshkosh	2	Village of Howard	1

***Additional data and volunteer totals can be found under
MCM #2 Public Involvement and Participation (Volunteer Activities)**

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 Waster Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/Household-Hazardous-Waste.pdf
Hazardous Waste Website	https://www.renewourwaters.com/our-pets-our-waters/
Household Hazardous Waste Website Updated	https://fwwa.org/2023/01/18/household-hazardous-waste/
Carpet Cleaning Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/carpet-cleaning.pdf
Carpet Cleaning Website	http://www.renewourwaters.org/carpet-cleaning-2/
Carpet Cleaning Website Updated	https://fwwa.org/2023/01/18/carpet-cleaning/
Kids Can Help Too Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/Kids-can-help-too.pdf
Kids Can Help Too Website	http://www.renewourwaters.org/kids-can-help-too-3/
Kids Can Help Too Website Updated	https://fwwa.org/2023/01/18/kids-can-help-too/
Good Dog, Good Owner Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/Good-Dog-Good-Owner.pdf
Good Dog, Good Owner Website	http://www.renewourwaters.com/our-pets-our-waters/
Good Dog, Good Owner Website Update	https://fwwa.org/2023/01/18/good-dog-good-owner/
Good Dog, Good Owner Infographic	http://www.renewourwaters.org/wp-content/uploads/2019/07/Good-Dog-Good-Owner-Web-Ready.png

***Did you exhibit or do any community presentations that hit on these topics?**

If so, you can record those interactions as active outreach.

Did you issues dog licenses? If you do and you talked with residents about proper pet waste management you can claim that interaction as active education.

Did you host a household hazardous waste collection day? If you did and you talked with residents about impacts of improper disposal, count this as active outreach.

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

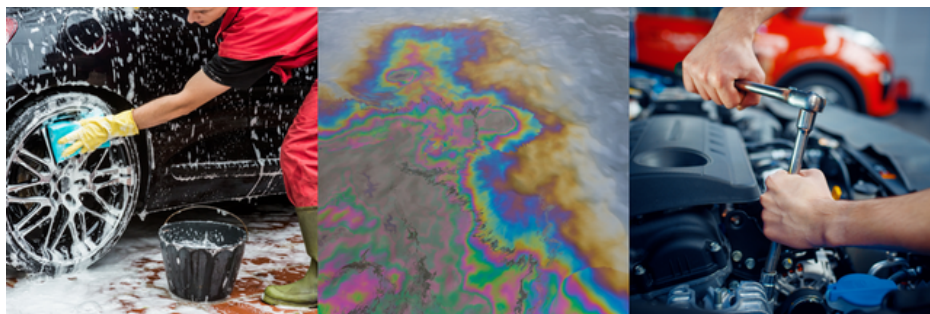
Power Washing Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/Power-Washing-Home.pdf
Power Washing Website	http://www.renewourwaters.org/power-washing/
Fish Don't Swim in Chlorine Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/Pool-Spa-Discharge.pdf
Fish Don't Swim in Chlorine Website	http://www.renewourwaters.org/pools-and-spas/
Fish Don't Swim in Chlorine Website Updated	https://fwwa.org/2023/01/18/fish-dont-swim-in-chlorine-2/
Vehicle Maintenance Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/Vehicle-Maintenance.pdf
Vehicle Maintenance Website	http://www.renewourwaters.org/vehicle-maintenance-2/
Vehicle Maintenance Website Updated	https://fwwa.org/2023/01/18/vehicle-maintenance/
Car Washing Infographic	http://www.renewourwaters.org/wp-content/uploads/2019/07/Car-on-GrassSM.jpg

In 2023, we started to update and reformat a lot of our content. If you did not see our new website for Renew Our Waters, please check it out. There is still content being added in 2024.

<https://fwwa.org/what-we-do/renew-our-waters/>

Additionally, NEWSC educational flyers can be found through the member portal.

<https://fwwa.org/what-we-do/newsc/newsc-member-resources/>



***Did you exhibit or do any community presentations that hit on these topics?**

If so, you can record those interactions as active outreach.

Do you issue permits for pools? If you do and you talked with residents about pool or spa discharge you can claim that interaction as active education.

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
Leave Your Leaves on Land Website	http://www.renewourwaters.org/leave-your-leaves-on-land/
Leave Your Leaves on Land Website Updated	https://fwwa.org/2023/09/26/leaveyourleavesonland/
The Perfect Lawn Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/The-Perfect-Lawn.pdf
The Perfect Lawn Website	https://www.renewourwaters.org/the-perfect-lawn-3/
Perfect Landscapes Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/The-Pefect-Landscape-7.9.19.pdf
Perfect Landscapes Website	http://www.renewourwaters.org/the-perfect-landscape/
Perfect Landscapes Website Updated	https://fwwa.org/2023/01/18/the-perfect-landscape/
Kids Can Help Too Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/Kids-can-help-too.pdf
Kids Can Help Too Website	http://www.renewourwaters.org/kids-can-help-too-3/
Kids Can Help Too Website Updated	https://fwwa.org/2023/01/18/kids-can-help-too/

***Did you exhibit or do any community presentations that hit on these topics?**

If so, you can record those interactions as active outreach.

Do you have a yard waste disposal site or require a permit/pass? If you do and you talked with residents about yard waste management you can claim that interaction as active education.

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

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.

Ice & Snow Control Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/Leave-Your-Leaves-on-Land.pdf
Ice & Snow Control Website	http://www.renewourwaters.org/ice-and-snow-control-3/
Ice & Snow Control 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.**



In 2023, we started to update and reformat our content. If you did not see our new website for Renew Our Waters, please check it out. There is still content being added in 2024. Please note, the links to the previous Renew Our Waters website will become inactive in 2024. If you link to the old site on any of your pages, make sure to update these in 2024.

<https://fwwa.org/what-we-do/renew-our-waters/>

Additionally, NEWSC educational flyers can be found through the member portal.

<https://fwwa.org/what-we-do/newsc/newsc-member-resources/>

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.**

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
Rain Barrel Website	http://www.renewourwaters.org/rain-barrels/
Rain Barrel Website Updated	https://fwwa.org/2023/01/18/rain-barrels-2/
The Perfect Lawn Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/The-Perfect-Lawn.pdf
The Perfect Lawn Website	https://www.renewourwaters.org/the-perfect-lawn-3/
Perfect Landscapes Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/The-Pefect-Landscape-7.9.19.pdf
Perfect Landscapes Website	http://www.renewourwaters.org/the-perfect-landscape/
Perfect Landscapes Website Updated	https://fwwa.org/2023/01/18/the-perfect-landscape/
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.**

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 in the manner above: Delivery Mechanism would be passive.

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/1TBtgl61znizXDZyLoDRVVRVNHxThD40kH/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. This training may have included the NEWSC Excal Video below.**

Excal Visual Videos on Erosion Control available for member checkout in 2023

"Ground Control" – Stormwater for Construction BMPs

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)

Click here to preview from Excal Visual's site:

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

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.

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 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_SuMYXwmOsqdpsdIINR_0kJ3qKMu/view?usp=sharing
Parks and Ground Maintenance	https://drive.google.com/file/d/14r436EKrJM44x_iPgioWxFrspmqbTVAq/view?usp=sharing
Solid Waste Operations	https://drive.google.com/file/d/1r2gimtAsRanIpxSCevFntWMJwI5Z5tMS/view?usp=sharing
Street and Drainage Maintenance	https://drive.google.com/file/d/1KtikoijMCIPVBhv5VOhYERUIrH52NFXo/view?usp=sharing

Municipal Staff PSAs

Mowing	https://drive.google.com/file/d/1h-tz-pzbTow-xMelISeG30YkN_L-uERr/view?usp=drive_link
Leaf Collection	https://drive.google.com/file/d/1ZSndB33w39XudANHWeTFRcaRjqaP144C/view?usp=sharing
Salt, Brine, & Sand	https://drive.google.com/file/d/1W8GWi9CTSSd1NbzfS2UQp5rxSXYea_P/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 trainings may have included the NEWSC Excal Videos below.

Did you talk about any of the Municipal Staff PSAs with any employees, at a team meeting, or during a "tool box talk"?

Topic #7: Pollution Prevention Continued

Excal Visual Videos on Pollution Prevention available for member checkout in 2023

"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)"

Click here to preview from Excal Visual's site:
<https://www.excalvisual.com/swrc-extended-preview>

"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:

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



MUNICIPAL STAFF PSA: MOWING

Smart Mowing

- Mow grass as high as possible and leave the clippings on the lawn
- Mulch grass clippings
- Put mower tire on the curb with the blower pointed to the grass while mowing

Communicate

- Ask supervisors or management about proper procedures
- Bring up issues seen on site
- Ask questions about proper fertilizer application

Debris Management

- Sweep or blow clippings onto grass from paved surfaces
- Do not put debris or clippings in storm drains or waterways
- Remove debris or litter from storm drains

Did you know?

Grass clippings and leaves add excess nutrients like nitrogen and phosphorus in our local waterways. This leads to increased risk of algae blooms. Keeping grass and leaves off of paved surfaces, away from and out of stormwater systems, and out of our waters help keep the water clean and helps your community meet their water quality standards.

TOPIC #8: GREEN INFRASTRUCTURE/LOW IMPACT DEVELOPMENT

NEWSC will be gathering resources for members to use going forward in 2024.

***Did you have active discussion 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.**

ACTIVE OUTREACH THAT COVERS MULTIPLE TOPICS

The presentations and exhibiting events on the pages that follow can count towards active delivery of any of the topics identified in the table associated with the presentation.

2023 School Presentations

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



2023 School Presentations Continued

The following presentations were provided in classrooms or virtually in NEWSC communities throughout the Fox-Wolf River Basin in 2023. 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.

Name of School/School Event	Date of Presentation	Number of Approximate Reach
Oshkosh North High School	2/15/2023	60
Black Creek Elementary Middle School	9/27/2023	35
Xavier Middle School, Appleton	9/27/2023	111
Horizons Elementary School, Appleton	9/27/2023	88
Columbus, Appleton	9/27/2023	20
St. Peters Lutheran	9/27/2023	29
River View Middle School, Kaukauna	9/28/2023	300

Outagamie County Conservation Field Days

- 9/27/2023; approximate reach 303
- 9/28/2023; approximate reach 341



2023 NEWSC Exhibiting

The presentations and exhibiting events on the pages that follow can count towards active delivery of any of the topics identified in the table associated with the presentation.

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
Stream and Shoreline Management	YES	Green Infrastructure/Low Impact Development	NO



2023 Exhibiting



Municipality	Date	Number of Contacts
Calumet County	6/25/2023	183
City of Menasha	11/9/2023	60
City of Appleton	8/15/2023	10
City of De Pere	8/30/2023	18
City of Fond du Lac	6/11/2023	108
City of Fond du Lac	6/10/2023	358
City of Green Bay	6/17/2023	9
City of Green Bay	3/24/2023	11
City of Kaukauna	9/23/2023	55
City of Oshkosh	4/13/2023	8
City of Oshkosh	3/17/2023	20
City of Oshkosh	1/25/2023	12
Town of Clayton	8/19/2023	83
Town of Grand Chute	8/1/2023	105
Town of Ledgeview	4/4/2023	32
University of Wisconsin Oshkosh	10/11/2023	15
Village of Ashwaubenon	8/12/2023	64
Village of Combined Locks	8/26/2023	102
Village of Kimberly	10/20/2023	1500

NEWSC 2024-2025 Exhibiting List

NEWSC member communities are included in an annual exhibiting plan once during the 5 year permit cycle. Communities planned for 2024 and 2025 are listed below:

2024	2025
City of Fond du Lac	City of Green Bay
City of Two Rivers	City of Menasha
Outagamie County	Calumet County
City of De Pere	Village of Combined Locks
City of Manitowoc	Village of Hobart
City of Neenah	Village of Little Chute
Town of Vinland	Town of Black Wolf
Town of Omro	Town of Fond du Lac
Village of Little Chute (2023)	
Village of Suamico (2023)	
Brown County (2023)	

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 the event, date of the event, and the 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. The NEWSC member must pay any exhibiting fees (if applicable) for the event. For most community events, NEWSC members are able to coordinate with the event host for a free exhibiting space, if the event chosen does not waive exhibiting 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 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.



PASSIVE OUTREACH THAT COVERS MULTIPLE TOPICS

NEWSC Media Continued by Topic

Topic #1: Illicit Discharge Detection & Elimination

2023 Totals

Facebook:
Likes: 398
Shares: 196
Followers: 5,079

Instagram:
Likes: 170
Followers: 1,083

Topic#1 Total

Facebook:
Likes: 203
Shares: 72

Date	Topic	Likes	Shares	Link
1/12/2023	Salt	11	5	https://www.facebook.com/photo/?fbid=545314397783392&set=a.189201083394727
1/13/2023	Salt	6	2	https://www.facebook.com/photo/?fbid=538728978441934&set=a.189201083394727
1/14/2023	Salt	50	5	https://www.facebook.com/photo/?fbid=527852029529629&set=a.189201083394727
1/15/2023	Salt	3	0	https://www.facebook.com/photo/?fbid=520330486948450&set=a.189201083394727
2/9/2023	Watersheds	15	5	https://www.facebook.com/foxwolfriver/posts/pfbid0d7iz2hD2neXiQ4hq6crHG4J5UGPJECTJksvdNWpb3PsnnTWjXH4Pv7xq67mBjnvRI
2/20/2023	Carpet Cleaning	3	3	https://www.facebook.com/foxwolfriver/posts/pfbid028okTXbWTADZ7jZbd5YUBCoNSjdnwqH4bhwnqSGjpm1MTK4rSRoVFTOLQddEuERBHI
3/22/2023	Protect Our Waters	11	4	https://www.facebook.com/photo/?fbid=527852029529629&set=a.189201083394727
4/24/2023	Trash	10	2	https://www.facebook.com/photo/?fbid=545314397783392&set=a.189201083394727
5/23/2023	Watersheds	2	1	https://www.facebook.com/photo/?fbid=561599219488243&set=a.189201083394727
6/23/2023	Fireworks	4	3	https://www.facebook.com/photo/?fbid=578774857770679&set=a.189201083394727
7/2/2023	Fireworks	4	3	https://www.facebook.com/photo/?fbid=583670827281082&set=a.189201083394727
7/27/2023	Storm Drains	4	4	https://www.facebook.com/photo/?fbid=596710952643736&set=a.189201083394727
7/31/2023	Pools & Spas	10	3	https://www.facebook.com/photo/?fbid=598496189131879&set=a.189201083394727

***Did you share any of these Facebook posts through your communities Facebook account?
If so, you can record those as passive outreach.**

NEWSC Media by Topic

Topic #1: Illicit Discharge Detection & Elimination Continued

Facebook:

Likes: 203

Shares: 72

Date	Topic	Likes	Shares	Link
8/1/2023	Stormwater 101	4	1	https://www.facebook.com/foxwolfriver/posts/pfbid02jdvEeYbW8zmEmp2ZvKZj8YToVjXWzvvxW3TowcfanC14Rno62Nw6bEULQui2EsBSI
8/5/2023	Stormwater Week	8	6	https://www.facebook.com/photo/?fbid=601421268839371&set=a.189201083394727
8/7/2023	Watersheds & Runoff	4	1	https://www.facebook.com/foxwolfriver/posts/pfbid0257hRo8b5iLpiTWZ73JjvWSBhHq1jrvUWKvaW66oPmPdxLp8UYamvjwCdGvaLp2NZI
8/11/2023	Storm Drains 101	3	0	https://www.facebook.com/photo/?fbid=604333061881525&set=a.189201083394727
10/9/2023	Trash	9	2	https://www.facebook.com/photo/?fbid=634621502186014&set=a.189201083394727
10/31/2023	Storm Drains	9	3	https://www.facebook.com/photo/?fbid=646522444329253&set=a.189201083394727
11/10/2023	Chloride Monitoring	19	7	https://www.facebook.com/photo/?fbid=651687117146119&set=a.189201083394727
11/28/2023	Trash/Litter	3	1	https://www.facebook.com/photo/?fbid=660813026233528&set=a.189201083394727
12/13/2023	Winter Maintenance	11	11	https://www.facebook.com/photo/?fbid=668521438796020&set=a.189201083394727



***Did you share any of these Facebook posts through your communities Facebook account?
If so, you can record those as passive outreach.**

NEWSC Media by Topic

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

Facebook:

Likes: 123

Shares: 58

Date	Topic	Likes	Shares	Link
2/9/2023	Watersheds	15	5	https://www.facebook.com/foxwolfriver/posts/pfbid0d7iz2hD2neXiQ4hq6crHG4J5UGPJECTJksvdNWpb3PsnTWjXH4Pv7xq67mBjnvRI
2/20/2023	Carpet Cleaning	3	3	https://www.facebook.com/foxwolfriver/posts/pfbid028okTXbWTADZ7jZbd5YUBCoNSjdnwqH4bhwnqSGjpm1MTK4rSRoVFTOLQddEuERBHI
3/8/2023	Pet Waste	8	18	https://www.facebook.com/photo/?fbid=520330486948450&set=a.189201083394727
3/22/2023	Protect Our Waters	11	4	https://www.facebook.com/photo/?fbid=527852029529629&set=a.189201083394727
4/12/2023	Household Hazardous Waste	4	10	https://www.facebook.com/photo/?fbid=538728978441934&set=a.189201083394727
4/28/2023	Household Hazardous Waste	3	0	https://www.facebook.com/photo/?fbid=547464947568337&set=a.189201083394727
5/23/2023	Watersheds	2	1	https://www.facebook.com/photo/?fbid=561599219488243&set=a.189201083394727
6/23/2023	Fireworks	4	3	https://www.facebook.com/photo/?fbid=578774857770679&set=a.189201083394727
7/2/2023	Fireworks	4	3	https://www.facebook.com/photo/?fbid=583670827281082&set=a.189201083394727
7/21/2023	Vehicle Washing	6	2	https://www.facebook.com/photo/?fbid=593768889604609&set=a.189201083394727
7/27/2023	Storm Drains	4	4	https://www.facebook.com/photo/?fbid=596710952643736&set=a.189201083394727

***Did you share any of these Facebook posts through your communities Facebook account?
If so, you can record those as passive outreach.**

NEWSC Media Continued by Topic

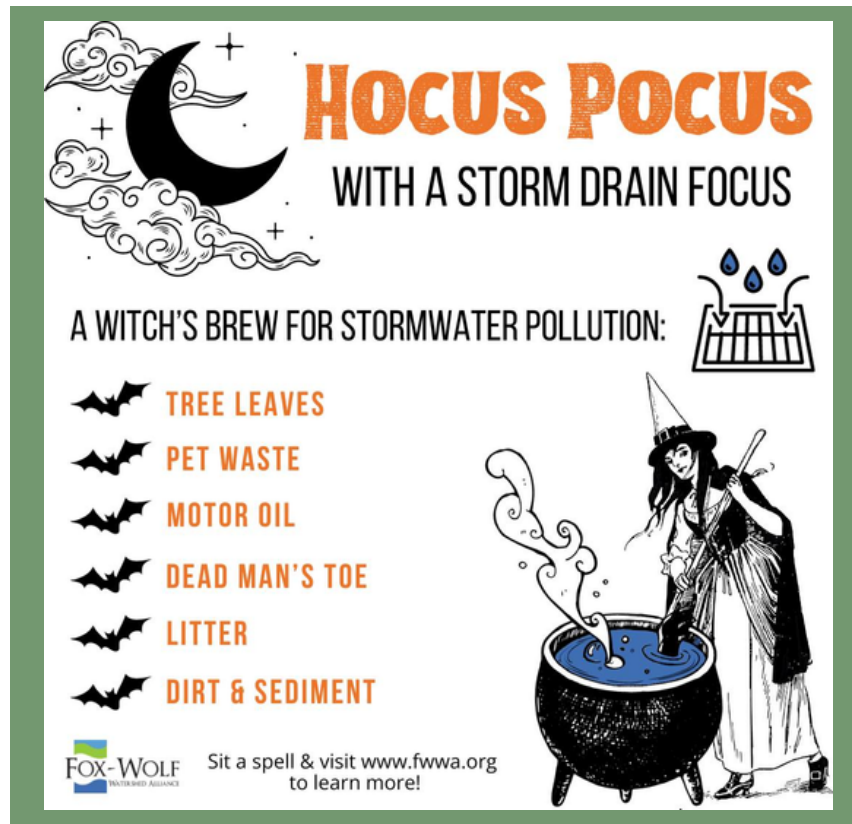
Topic #2:Household Hazardous Waste Disposal/Pet Waste Management/Vehicle Washing Continued

Facebook:

Likes: 123

Shares: 58

Date	Topic	Likes	Shares	Link
8/1/2023	Stormwater 101	4	1	https://www.facebook.com/foxwolfriver/posts/pfbid02jdvEeYbW8zmEmp2ZvKZj8YToVjXWzvvxW3TowcfanC14Rno62Nw6bEULQui2EsBSI
8/7/2023	Watersheds & Runoff	4	1	https://www.facebook.com/foxwolfriver/posts/pfbid0257hRo8b5iLpiTWZ73JjvWSBhHq1jrvUWKvaW66oPmPdxLp8UYamvjwCdGvaLp2NZI
8/11/2023	Storm Drains 101	3	0	https://www.facebook.com/photo/?fbid=604333061881525&set=a.189201083394727
10/2/2023	School Presentations	39	0	https://www.facebook.com/photo/?fbid=634621502186014&set=a.189201083394727
10/31/2023	Storm Drains	9	3	https://www.facebook.com/photo/?fbid=646522444329253&set=a.189201083394727



***Did you share any of these Facebook posts through your communities Facebook account?
If so, you can record those as passive outreach.**

NEWSC Media by Topic

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

Facebook:

Likes: 83

Shares: 73

Date	Topic	Likes	Shares	Link
5/8/2023	Grass	28	26	https://www.facebook.com/photo/?fbid=553111050337060&set=a.189201083394727
5/26/2023	Spring Fertilizer	6	3	https://www.facebook.com/photo/?fbid=563133106001521&set=a.189201083394727
6/5/2023	Landscaping	9	3	https://www.facebook.com/photo/?fbid=568703508777814&set=a.189201083394727
8/9/2023	Lawn Care (Grass)	8	1	https://www.facebook.com/photo/?fbid=603230935325071&set=a.189201083394727
8/10/2023	Leaves & Streets	4	0	https://www.facebook.com/photo/?fbid=603674405280724&set=a.189201083394727
8/10/2023	Leaves 101	5	0	https://www.facebook.com/photo/?fbid=603911565257008&set=a.189201083394727
9/25/2023	Leaves	12	26	https://www.facebook.com/photo/?fbid=627327342915430&set=a.189201083394727
10/12/2023	Leaves	8	14	https://www.facebook.com/photo/?fbid=636347435346754&set=a.189201083394727
10/23/2023	Leaves	3	0	https://www.facebook.com/photo/?fbid=642450591403105&set=a.189201083394727

Topic #4: Stream and Shoreline Management

Date	Topic	Likes	Shares	Link
11/1/2023	Shoreline Restoration	30	8	https://www.facebook.com/photo/?fbid=647204184261079&set=a.189201083394727

Facebook:

Likes: 22

Shares: 13

Topic #5: Residential Infiltration

Date	Topic	Likes	Shares	Link
6/16/2023	Rain Barrels	10	12	https://www.facebook.com/photo/?fbid=647204184261079&set=a.189201083394727
8/8/2023	Rain Collection 101	12	1	https://www.facebook.com/photo/?fbid=602939862020845&set=a.189201083394727

NEWSC Media/News Coverage

Estimated reach for Media/News Coverage by the following sources is 100,000+ and is a passive form of outreach/education.

Media Outlet	Topic	Publish Date	Link
WFRV Channel 5	Trash Clean up	9/22/2023	https://www.wearegreenbay.com/local5live/celebrate-the-fox-river-when-you-focus-on-fox/
Fox-11	Cleanup & Shoreline Restoration	9/21/2023	https://fox11online.com/news/making-a-difference/oshkosh-north-high-school-students-transform-911-remembrance-into-a-day-of-community-service-akans-acres-communities-program-oasd#
NBC-26	Student Watershed Activism (Oshkosh North)	9/11/2023	https://www.nbc26.com/oshkosh/remembering-9-11-oshkosh-north-students-give-back-to-community
Fox-11	Student Watershed Activism (Oshkosh North)	4/25/2023	https://fox11online.com/sports/outdoors/oshkosh-north-high-school-students-collaborate-nonprofit-fishing-line-receptacles-trash-free-waters-kelly-reyer-asylum-bay-park-lighthouse-ken-robl-conservation-park-environment
WBAY TV-2	Student Watershed Activism (Oshkosh North)	4/25/2023	https://www.wbay.com/2023/04/26/oshkosh-north-students-clean-up-broken-fishing-lines-local-waters/
WPR	Salt Drawbacks	2/2/2023	https://www.wpr.org/education/using-road-salt-has-its-drawbacks-wisconsin-community-leaders-see-solution-brine



NEWSC Media/News Coverage Continued

Estimated reach for Media/News Coverage by the following sources is 100,000+ and is a passive form of outreach/education.

Media Outlet	Topic	Publish Date	Link
620WTMJ	Salt Usage	1/29/2023	https://wtmj.com/news/2023/01/29/local-organizations-bring-awareness-to-salt-usage/
WBAY	Salt Awareness Week	1/23/223	https://www.wbay.com/2023/01/24/interview-salt-awareness-week/
WeAreGreenBay	Salt	1/18/2023	https://www.wearegreenbay.com/news/local-news/salt-leaving-bad-taste-in-mother-natures-mouth-research-shows-high-chloride-levels-in-wisconsin-rivers/
Fox11	Manitowoc Salting Cups	1/10/2023	https://fox11online.com/weather/weather-stories/manitowoc-providing-salt-cups-to-prevent-over-salting-in-wintery-weather



Volunteer Event - Annual Watershed Cleanup May 6, 2024

**FOX-WOLF
WATERSHED CLEANUP
2023**

Item	Quantity
Volunteers	1,643
Electronics	13
Plastic Bags	2,068
Tires	21
Straws	1,529
Bags of Recycling	234
Syringes	125
Bags of Trash	964
Total Pounds of Trash	7,431

A man with a beard, wearing a blue hoodie, is paddling a green kayak on a calm river. He is holding a wooden paddle. The kayak has the word "ARROYO" written on its side. The background is a dense forest with many trees and some fallen branches in the water.



2023 Annual Cleanup Volunteer Totals by Community

Municipality	Number of Volunteers
Allouez	19
Appleton	196
Brown County	71
Calumet County	48
Combined Locks	41
De Pere	42
Fond du Lac	98
Fox Crossing	20
Grand Chute	11
Green Bay	114
Hortonville	52
Howard	23
Kaukauna	76
Kimberly	63
Ledgeview	38
Little Chute	56
Menasha	76
Neenah	118
New London	35
Oshkosh	226
Winnebago County	87
Winneconne	43
Wrightstown	24



<https://www.google.com/maps/d/u/0/viewer?>

mid=1bBQxrw1Plrzz9bsalgCTdElEGyidrM08.II=44 371693999171775%2C 88 29907499999

Municipality	Number of Active Education Volunteers
Town of Algoma	1
Town of Grand Chute	1
Town of Ledgeview	1
Town of Neenah	1
Town of Vinland	1
Village of Fox Crossing	1
Village of Harrison	1
Village of Howard	1



OTHER NEWS C EFFORTS:

Workshops and Trainings

Stormwater Quality Management Half Day Workshop

Workshop assumed attendees have some knowledge of stormwater management and Appendix A and C of the permit. Continuing Education Credits were be offered. This training gave participants a unique opportunity to work and talk directly with WDNR, local municipalities, and consultants on TMDL requirements and future goals.

Agenda: https://docs.google.com/document/d/131k3UMywejqqrq7bvHtDSY5TcZAqhO7D/edit?usp=drive_link&oid=101153216035145320311&rtpof=true&sd=true

September 14, 2023

7:45 am to 12:00 pm

Coughlin Center - 625 E County Rd Y, Oshkosh, WI 54901 Room B

*See Attendance list on the next page



Committee List:

Chair Person -

- Sue Olson (City of Appleton)

Committee Members-

- George Dearborn (Village of Fox Crossing)
- Paul Willis (Mean & Hunt)
- Abby Manslanka (Martenson & Eisele)
- Justin Keen (Cedar Corp)
- Rich Heath (Town of Algoma)
- Heather Zaunmueller (AECOM)
- Chuck Boehm (Brown & Caldwell)

Presenter List:

- Pete Wood (WDNR)
- Chris Linskens (WDNR)
- Justing Gierach (City of Oshkosh)
- Mark Van Der Wegen (Town of Grand Chute)
- Brent Jalonen (Calumet County)
- Nick Waldschmidt (City of Fond du Lac)
- Jack Richeson (Martenson & Eisele)

2023 Stormwater Quality Management Committee TMDL Half Day Workshop Attendance:

Abby Maslanka - Martenson & Eisele	Alyssa Deckert - City of Oshkosh	Andy Maracini - Winnebago County	Austin Dyb - Outagamie County	Brad Busse - City of Manitowoc	Brent Jalonon - Calumet County
Casey Canady - City of Oshkosh	Chase Kuffel - City of De Pere	Chris Linskens - WDNR	Chuck Boehm - Brown & Caldwell	Claire Ebben - Outagamie County	Dan Dieck - Village of Fox Crossing
Dan Rammer - MSA Professional Services	Don O'Connel - Town of Vinland	George Dearborn - Village of Fox Crossing	Heather Zaunmueller - AECOM	Jack Richeson - City of Menasha	Jeff Schultz - Martenson & Eisele
Jennifer Liihatta - Robert E Lee Associates	Jimmy Platz - AECOM	Jordan Bovee - Cedar Corp	Joseph Pingel - Cedar Corp	Josh Ruplinger - UW Oshkosh	Justin Gierach - City of Oshkosh
Justin Keen - Cedar Corp	Kelly O'Malley - City of Green Bay	Kia Kling - Village of Fox Crossing	Kris Lyons - Village of Little Chute	Mark Van Der Wegen - Town of Grand Chute	Matt Woicsek - Village of Little Chute
Max McGuire - City of Green Bay	Michael Leidig - Robert E Lee Associates	Michael Morman - Outagamie County	Nick Waldschmidt - City of Fond du Lac	Pete Wood - WDNR	Richard Heath - Town of Algoma
Scott Ahl - City of Two Rivers	Sean Bekx - West Wood Professional Services	Sue Olson - City of Appleton	Todd Devens - Town of Vinland	Valerie Joosten - City of Green Bay	

Thank you 2023 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 De Pere
Municipal Committee James Rabe (2022-2024) City of Oshkosh	General Public Committee Andy Maracini (2022-2024) Winnebago County	Building & Development Committee Brad Hartjes (2021-2024) raSmith	Stormwater Quality Management Committee Sue Olson (2023-2024) City of Appleton
Member-At-Large Dani Santry (2022-2024) Calumet County	Member-At-Large Paul Willis (2023-2024) Mead & Hunt	Member-At-Large Mark Van Der Wegen (2023-2024) Town of Grand Chute	

Thank you 2023 Committee Members!

General Public Committee	Municipal Committee	Stormwater Quality Management Committee	Building & Development Committee
Andy Maracini - Winnebago County Dani Santry - Calumet County George Dearborn - Village of Fox Crossing Brian Wayner - Westwood Professional Services	James Rabe - City of Oshkosh Jeff Mazanec - raSmith Scott Ahl - City of Two Rivers John Neumerier - City of Kaukauna Sue Olson - City of Appleton	Sue Olson - City of Appleton George Dearborn - Village of Fox Crossing Paul Willis - Mead & Hunt Abby Maslanka - Martenson & Eisle Justin Keen - Cedar Corporation Rich Heath - Town of Algoma Heather Zaunmueller - AECOM Chick Boehm - Brown & Caldwell	Brad Hartjes - raSmith Nick Waldschmidt - City of Fond du Lac Brent Jalonen - Calumet County Patrick Kuehl - Robert E Lee & Associates Chad VandenLangenberg - Outagamie County Katie Buchalski - Ruekert-Mielke



Section 2

Public Input and Participation

Attachments



Public Works Department
100 North Jefferson Street • Room 300
Green Bay, Wisconsin 54301-5026
www.greenbaywi.gov

Administration | Engineering | Traffic 920.448.3100
Operations 920.448.3535
Parking 920.448.3431
Fax 920.448.3102

TO: Steve Grenier – Director of Public Works

FROM: Valerie Joosten – Utility Manager

DATE: February 21, 2024

RE: 2023 MS4 Report Summary – Section 2 Public Involvement and Participation

The City of Green Bay maintains a public involvement and participation program to notify the public of activities required by this permit and to encourage input and participation from the public regarding these activities.

Opportunities for Public Input

In 2023, the City presented the MS4 annual report at two public meetings, which provided the opportunity for input from the public. The MS4 annual report was presented at the City's I&S Committee and Common Council meetings on February 15th and March 7th, 2023. The MS4 annual report is provided within the agenda packet, which is posted on the City's webpage in advance of the meeting for the public to view. Physical copies of the annual report are available for the public to view at the Department of Public Works main office.

The City-Wide Green Stormwater Infrastructure (GSI) Plan was brought before the Sustainability Commission, I&S Committee, and Common Council to provide progress updates and seek approval for adoption and implementation. Presentations were given on the Plan and opportunity for public comment was provided. During the Common Council meeting, one public comment was received in favor of implementing the plan.

The Total Maximum Daily Load (TMDL) Implementation Plan was brought to the I&S Committee and Common Council to provide the opportunity for public comment and seek approval to submit to the Wisconsin DNR. Public Works also brought forward an item seeking approval to submit a request to the DNR to renew the MS4 General Permit.

In March 2023, an overview of the City's stormwater management program was presented to the Sustainability Commission by the Stormwater Technician. The meetings are posted in advance on the City's webpage and are open to the public.

See Table 1 below for a summary of opportunities for public input in 2023.

Table 1 – Public Involvement Events

Date	Topic	Delivery Mechanism	Attendance*	Meeting Host
02/15/2023	MS4 Annual Report	Committee meeting	10	I&S Committee
03/07/2023	MS4 Annual Report	Council meeting	20	Common Council
03/08/2023	Stormwater Management Program Overview	Presentation	11	Sustainability Commission

2023 MS4 Report Summary – Section 2 Public Involvement and Participation

Date	Topic	Delivery Mechanism	Attendance*	Meeting Host
06/21/2023	Progress Update on City-Wide GSI Plan and Revolving Loan Fund	Committee meeting	6	Sustainability Commission
10/11/2023	TMDL Implementation Plan	Committee meeting	6	I&S Committee
10/11/2023	MS4 General Permit Renewal	Committee meeting	6	I&S Committee
10/17/2023	TMDL Implementation Plan	Council meeting	10	Common Council
10/17/2023	MS4 General Permit Renewal	Council meeting	10	Common Council
10/18/2023	City-Wide GSI Plan adoption/implementation	Committee meeting	6	Sustainability Commission
10/25/2023	City-Wide GSI Plan adoption/implementation	Committee meeting	5	I&S Committee
11/07/2023	City-Wide GSI Plan adoption/implementation	Council meeting	40	Common Council

* = Numbers are estimated.

Ordinance Updates

In 2023, no changes were made to the City's municipal code, Ch. 16, Environment, which contains all of the City's stormwater related requirements.

Public Participation

The City also encourages public participation regarding stormwater quality. In 2023, the City and Northeast Wisconsin Stormwater Consortium (NEWSC) hosted a total of seven (7) volunteer events. Annually, the City partners with MacArthur Heights Neighborhood Association to organize volunteers to clean a portion of Beaver Dam Creek. Additionally, the Green Bay Conservation Corps hosts shoreline and wetland cleanup and restoration events. As a member of NEWSC, volunteer events coordinated and conducted by NEWSC have also occurred within the City. This includes an annual Fox-Wolf watershed cleanup event and winter chloride monitoring.

See Table 2 below for descriptions of the public volunteer events that took place in 2023.

Table 2 – Public Participation Events

Date	Event	Target Participants	Attendance	Organizer
01/04/2023	Fox-Wolf Watershed Chloride Monitoring	General public	1	NEWSC
04/18/2023	Bay Beach Clean Up	General public	15	Green Bay Conservation Corps
04/22/2023	Beaver Dam Creek Cleanup	General public	22	Green Bay, MacArthur Heights Neighborhood Assoc.
04/22/2023	Earth Day Clean Up	High school students	50	Green Bay Conservation Corps
05/06/2023	Fox-Wolf Watershed Annual Cleanup	General public	114	NEWSC
08/23/2023	Rain Garden Installation	General public	25	Green Bay Conservation Corps
10/08/2023	Joliet Park Restoration	Residents	20	Green Bay Conservation Corps

The City also maintains Adopt-a-Spot programs, including Adopt-a-Creek, Adopt-a-Ditch, Adopt-an-Inlet, and Adopt-a-Pond. There was no documented public involvement in these programs in 2023. During the next permit term, the City plans to emphasize development and involvement of these programs.



Section 3

Illicit Discharge Detection and Elimination

Attachments



Public Works Department
100 North Jefferson Street • Room 300
Green Bay, Wisconsin 54301-5026
www.greenbaywi.gov

Administration | Engineering | Traffic 920.448.3100
Operations 920.448.3535
Parking 920.448.3431
Fax 920.448.3102

TO: Steve Grenier – Director of Public Works

FROM: Valerie Joosten – Utility Manager

DATE: February 21, 2024

RE: 2023 MS4 Report Summary – Section 3 Illicit Discharge Detection and Elimination

On an annual basis, the City of Green Bay completes routine dry-weather field screening of designated major and minor outfalls as part of its Ongoing Field Screening Program. The City is also responsible for investigating illicit discharge complaints and identifying discharge sources.

Ongoing Illicit Discharge Field Screening Program

The City of Green Bay has a total of 358 outfalls, including 150 major outfalls, 208 minor outfalls, and 1 newly constructed outfall. In 2023, the City inspected 58 outfalls as part of its ongoing illicit discharge monitoring and screening program. Screening occurred from May to November following a minimum antecedent period of 48 hours of a rain event. Visual and physical characteristics are recorded, and if flowing water is present, water samples are collected. Temperature and pH are recorded, and samples are tested using HACH Storm Water Kits for the presence of chlorine, detergent, phenols, and copper. If outfalls are submerged or unable to be located, the nearest upstream manhole is located and sampled. There were 2 sites where the outfall and upstream manholes were inaccessible or unable to be located. Table 1 below describes results from all sampled outfalls.

Table 1 – 2023 Outfall Inspection Summary

Outfall ID	Outfall Type	Region	Drainage Area (ac)	Flow Observed	Inspection Result	Contaminant Present	Concentration (mg/L)
280010	Minor	West Bay	3.5	No	Pass	-	-
280014	Major	Fox River South	26.5	Yes	Pass	-	-
280016	Minor	Hobart	62.8	No	Structural Damage	-	-
280033	Minor	East Bay	56.7	Yes	Pass	-	-
280035	Minor	East Bay	29.3	Yes	Pass	-	-
280037	Minor	East Bay	33.4	Yes	Pass	-	-
280096	Major	East River South	24.1	Yes	Pass	-	-
280098	Minor	East River South	35.9	No	Pass	-	-
280106	Major	West Bay	281.0	Yes	Positive – Below Action Level	Detergent	0.1
280112	Major	West Bay	16.5	No	Pass	-	-
280116	Major	Fox River South	13.8	No	Pass	-	-
280124	Major	Fox River South	57.0	No	Pass	-	-
280130	Major	Fox River South	64.6	No	Pass	-	-
280132	Major	Fox River South	3.6	No	Pass	-	-
280141	Minor	East River South	24.5	Yes	Pass	-	-
280144	Minor	East River South	21.8	No	Pass	-	-

2023 MS4 Report Summary – Section 3 Illicit Discharge Detection and Elimination

Outfall ID	Outfall Type	Region	Drainage Area (ac)	Flow Observed	Inspection Result	Contaminant Present	Concentration (mg/L)
280145	Major	East River South	27.4	Yes	Pass	-	-
280192	Minor	Fox River South	45.6	No	Pass	-	-
280222	Minor	Fox River South	0.2	No	Pass	-	-
280224	Minor	Fox River South	8.3	No	Maintenance Needed	-	-
280253	Minor	West Bay	4.7	No	Maintenance Needed	-	-
280255	Major	West Bay	102.8	Yes	Pass	-	-
280257	Minor	West Bay	9.7	No	Pass	-	-
280259	Minor	West Bay	17.5	No	Pass	-	-
280261	Minor	West Bay	5.0	No	Pass	-	-
280273	Minor	Hobart	24.3	No	Pass	-	-
280275	Minor	Hobart	14.4	No	Pass	-	-
280277	Minor	Hobart	20.9	No	Structural Damage	-	-
280279	Minor	Hobart	59.3	No	Pass	-	-
280282	Minor	Hobart	22.3	No	Maintenance Needed	-	-
280284	Minor	Hobart	10.7	No	Pass	-	-
280298	Minor	West Bay	3.0	Yes	Pass	-	-
280317	Minor	Fox River South	5.7	No	Maintenance Needed	-	-
280330	Major	Hobart	44.1	Yes	Pass	-	-
280344	Minor	Hobart	5.4	No	Pass	-	-
280352	Minor	Hobart	17.2	Yes	Pass	-	-
280404	Major	East River South	39.2	No	Pass	-	-
280405	Major	East River South	39.2	No	Pass	-	-
280406	Minor	East River South	39.2	No	Pass	-	-
280425	Minor	Fox River North	1.1	No	Pass	-	-
280437	Minor	Fox River North	11.4	No	Pass	-	-
280468	Minor	East Bay	19.5	Yes	Pass	-	-
280492	Minor	East Bay	13.3	No	Pass	-	-
280498	Minor	East River South	3.5	Yes	Structural Damage	-	-
280504	Minor	East River South	28.5	No	Maintenance Needed	-	-
280536	Minor	West Bay	12.7	No	Maintenance Needed	-	-
280540	Major	Fox River South	3.8	N/A *	Pass*	-	-
280542	Major	Fox River South	2.1	N/A *	Pass*	-	-
280562	Minor	Fox River South	11.0	Yes	Positive – Below Action Level	Detergent	0.1
280577	Minor	Fox River North	112.2	No	Maintenance Needed	-	-
280579	Major	Fox River North	37.6	Yes	Pass	-	-
280580	Major	Fox River South	29.4	No	Pass	-	-
280591	Minor	East Bay	21.0	No	Maintenance Needed	-	-
280596	Major	West Bay	247.9	No	Pass	-	-
280981	Major	East Bay	19.7	Yes	Pass	-	-
280987	Major	Hobart	14.7	Yes	Pass	-	-
280988	Minor	West Bay	10.2	No	Pass	-	-
280997	Major	East River South	38.5	Yes	Pass	-	-
				TOTALS:	58	2	

* = Outfall and upstream manholes inaccessible or unable to be located.
 Action limits in accordance with DNR Guidance Memorandum, 3800-2012-01, 2012.

2023 MS4 Report Summary – Section 3 Illicit Discharge Detection and Elimination

Of the collected samples, 2 tested positive for detergents, with both concentrations below the action level (*action level: 0.50 mg/L*). Sources were narrowed down to regions. Discharge from Outfall 280106 originated downstream of Manhole 4615, but the exact location could not be confirmed. The source of detergent from Outfall 280562 was unable to be located. Both sub-basins were canvassed for visual presence of illicit discharges, with no activity noted. These outfalls will be placed on a priority sampling list for subsequent years to monitor for evidence of illicit discharges.

Compared to samples collected from 2019-2022, instances of contaminant detection for 2023 were lower than previous years. Only 2 samples tested positive for contaminants in 2023, compared to 15 in 2022. Detergent was the most common contaminant that tested positive, followed by chlorine; there were no positive hits for chlorine in 2023. The two positive readings for detergent in 2023 were below the action level, compared to previous years, which, excluding 2019, all had samples exceeding action levels. One outfall sample taken in 2023 resulted in a pH reading above the action level of 9.0 but was determined to be due to equipment calibration issues.

See Tables 2-3 and Figure 1 below for maximum and average parameter comparisons and contaminant results for samples collected from 2019 to 2023.

Table 2 –Parameter Comparison from 2019-2023 – Maximum

Parameter	Maximum					Action Level	Units
	2019	2020	2021	2022	2023		
Temp (H2O)	72	69	68	75	70	N/A	F
pH	7.4	7.4	7.0	8.4	9.8	<6.0 or >9.0	s.u.
Chlorine	0.00	0.00	0.90	3.50	0.00	>0.00	mg/L
Detergents	0.00	0.20	0.40	0.70	0.10	≥0.50	mg/L
Phenols	0.00	0.00	0.00	0.00	0.00	>0.00	mg/L
Copper	0.00	0.00	0.00	0.00	0.00	≥0.10	mg/L

Table 3 – Parameter Comparison from 2019-2023 – Average

Parameter	Average					Action Level	Units
	2019	2020	2021	2022	2023		
Temp (H2O)	65.3	62	57	64	62	N/A	F
pH	7.2	7.1	6.5	7.2	7.7	<6.0 or >9.0	s.u.
Chlorine	0.00	0.00	0.10	0.09	0.00	>0.00	mg/L
Detergents	0.00	0.20	0.23	0.08	0.10	≥0.50	mg/L
Phenols	0.00	0.00	0.00	0.00	0.00	>0.00	mg/L
Copper	0.00	0.00	0.00	0.00	0.00	≥0.10	mg/L

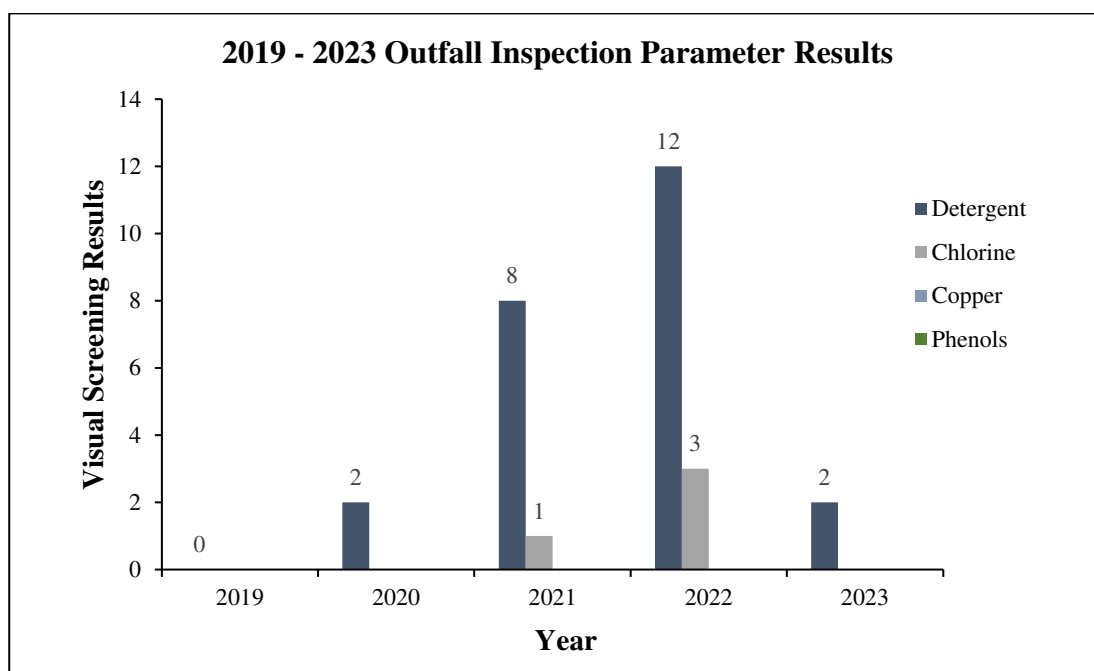


Figure 1 – 2019-2023 Outfall Inspection Parameter Results

From 2019-2023, 307 outfalls were sampled, including 123 major and 157 minor outfalls. Twelve (12) sites were revisited during this period, bringing the total sampled volume to 319. Due to a position vacancy in 2023 and instances of high water and submerged pipes during sampling events, 27 major outfalls were unable to be sampled. These outfalls will be visited for inspections between January 1 and April 30, 2024. See Table 4 for a summary of planned and sampled outfalls during the MS4 permit term.

Table 4 – 2019-2024 Sampled and Planned Outfalls

Year	Sampled Outfalls						
	Major		Minor		Total		
	Inspections	Revisits	Inspections	Revisits	Inspections	Revisits	Overall
2019	0	0	30	0	30	0	30
2020	61	0	23	1	84	1	85
2021	16	1	12	1	28	2	30
2022	28	0	59	4	87	4	91
2023	18	3	33	4	51	7	58
2024	27*	0	0	0	27*	0	27
Current Total:	123	4	157	10	280	14	294
Planned Total:	150	4	157	10	307	14	321

* = Outfall samples to be completed prior to April 30, 2024.

Illicit Discharge Complaints and Investigations

The City of Green Bay regulates illicit discharges and connections under Sec. 16-103. – 16-121. of the City's stormwater management ordinance in accordance with the municipal separate storm sewer system (MS4) permit.

In 2023, the City responded to a total of 16 complaints of illicit discharges. Of these, 5 were confirmed discharges, meaning they reached a stormwater conveyance (City owned storm sewer, street, etc.) and 11 were unconfirmed discharges since they did not reach a stormwater conveyance. All the complaints have since been resolved. Discharge types included petroleum; diesel fuel; fats, oil, and grease (FOG); spent grain; detergent; and sewage. The City issued 4 verbal warnings, 10 written warnings, and 1 notice of violation (NOV). The City has the authority to issue penalties and citations, but none were issued in 2023. Below, Table 5 describes the complaints received and their status.

Table 5 – 2023 Illicit Discharge Complaint Summary

Date of Discovery	Location	Description	Action Taken	Entered MS4
04/09/2023	Curb line near 844 Mitchell St	Oily substance along curb line of street	City spread oil dry and performed street sweeping; written warning issued	Confirmed
05/08/2023	2250 W Mason St	FOG and trash/debris surrounding FOG waste bin	Waste bin cleaned; hired service completed remaining cleaning; private storm sewer inspected and cleaned; cleanup plan sent to City; verbal and written warnings issued	Unconfirmed
05/09/2023	Alley behind 119 S Washington St	FOG stains/residue surrounding waste drum	Written warning issued; owner cleaned area surrounding drum	Unconfirmed
05/09/2023	Alley behind 201 N Washington St	FOG stains/residue and trash/debris around waste drum and dumpster	Written warning issued; follow-up inspection done	Unconfirmed
05/09/2023	Alley behind 213 N Washington St	FOG stains/residue surrounding bulk container & trash/debris on pavement	Written warning issued; follow-up inspection done	Unconfirmed
05/09/2023	Alley behind 219 N Washington St	FOG stains/residue around bulk container and trash/debris around dumpster	Written warning issued; follow-up inspection done	Unconfirmed
05/09/2023	Alley behind 223 N Washington St	Open pails containing liquid and solid FOG residue and trash/debris around dumpster	Written warning issued; pails were removed.	Unconfirmed
05/09/2023	Alley behind 229 N Washington St	FOG discharge with stains leading from bulk bin to adjacent stormwater catch basin; trash/debris on pavement; uncovered used oil bin.	Written warning & NOV issued; alley sweeping performed by City	Confirmed
06/19/2023	310 N Monroe Ave	Wash water from grease hood cleaning discharging to private inlet	City conversation with cleaning crew and company; City placement of absorbent boom; verbal warning issued	Confirmed
07/05/2023	1219 W Mason St	Grease trap FOG overflow from sanitary lateral issue resulting in FOG accumulation in parking lot and tracking onto adjacent streets	Grease interceptor and private sewer repaired; City placement of absorbent booms plus sewer investigation; parking lot clean-up; street sweeping performed by City; verbal warning issued	Confirmed

2023 MS4 Report Summary – Section 3 Illicit Discharge Detection and Elimination

Date of Discovery	Location	Description	Action Taken	Entered MS4
07/21/2023	837 Webster Ave	Hydraulic oil release (~10-15 gal) from waste compactor failed hydraulic line; oil on pavement and contained in private stormwater inlet sump	Placement of absorbent mats, booms, and oil dry by City and Hospital; City investigated and cleaned inlet sump; contractor jetted and vacuumed sewer line; City placed precautionary absorbent booms in City stormwater manhole	Unconfirmed
08/14/2023	Ditch along I-43 to 57 N Ramp	Diesel fuel spill (~ 60 gal) from tanker truck along I-43	City Fire Dept. cleanup; DNR notified	Unconfirmed
09/21/2023	313 Donald Driver Way	Spent grain spill from storage containers on loading dock with private inlet	City conversation with staff member; verbal and written warnings issued*	Unconfirmed
09/22/2023	Inlet 11785 on W Point Rd	Engine oil in storm inlet	City cleaned inlet; written warning issued	Confirmed
12/08/2023	1860 W Mason St	Wash water leading to private catch basin from food rack cleaning	City conversation with management; written warning issued*	Unconfirmed
12/26/2023	645 Heyrman St	Sewage discharge from illicit connection and condition of sewer lateral	Repair to main connection and lateral; City cleaned storm drain sumps to prevent discharge to City sewer; written warning issued*	Unconfirmed

* = Written warnings issued after 12/31/2023.

Additional Attachments

- 1 Major/Minor Outfall Sampling Map, 2019-2024
- 2 Major/Minor Outfall Sampling Map, 2023
- 3 Outfall Inventory
- 4 Outfall Inspections, 2019-2024

Guidance

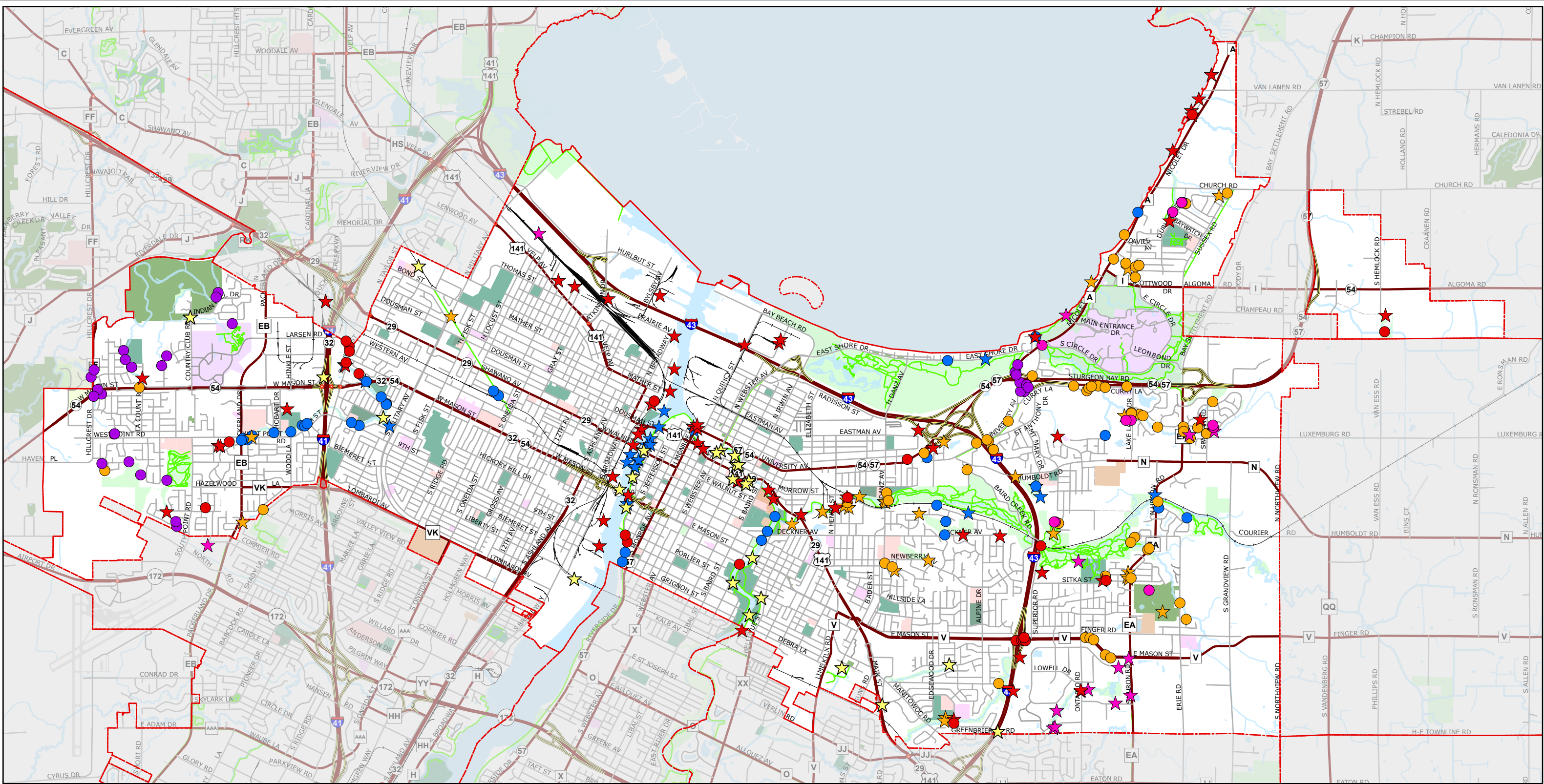
- 1 Stormwater Management Program (City of Green Bay)
- 2 Illicit Discharge Detection and Elimination Guidance, Table 1 (WI DNR Memorandum 3800-2012-01)



Section 3

Illicit Discharge Detection and Elimination

Outfall Inspection Maps



0 5,000 Feet
1"=5,000'
1:60,000

Legend

2019 Storm Water Outfall Sampling (May 1st. - Dec 31st.)

Outfall Type

- Major
- Minor

2020 Storm Water Outfall Sampling

Outfall Type

- Major
- Minor

2021 Storm Water Outfall Sampling

Outfall Type

- Major
- Minor

2022 Storm Water Outfall Sampling

Outfall Type

- Major
- Minor

2023 Storm Water Outfall Sampling

Outfall Type

- Major
- Minor

2024 Planned Storm Water Outfall Sampling

Outfall Type

- Major
- Minor

Major/Minor Outfalls Sampling 2019-2024

This is a compilation of records and data located in various City of Green Bay offices and is to be used for reference purposes only. The City of Green Bay is not responsible for any inaccuracies or unauthorized use of the information contained within. No warranties are implied.

Map prepared by City of Green Bay Department of Public Works, zacharyje
Date Printed: 06 Feb 2024

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Section 3

Illicit Discharge Detection and Elimination

Outfall Inventory

**City of Green Bay
Outfall Inventory**

Facility_ID	Outfall_Type	Owner	Region	Drainage_Basin	Sub_Basin	Location	Size_in	X_Coordinate	Y_Coordinate
72	Major	City	West Bay	Beaver Dam Creek	692E	340-348 Military Avenue	30	88932.62	574463.25
280000	Minor	City	Fox River South	East River	000	440 Hartung Street	24	105424.42	562031.5
280002	Minor	City	East River South	Baird Creek	002	171 Burgundy Court	18	117643.68	563664.56
280003	Major	City	East River South	Willow Creek	549	Wilder Park Pond	36	115293.205	553062.952
280004	Minor	City	East River South	Baird Creek	004	2703 Sage Drive	12	117449.85	563730.69
280008	Minor	City	East River South	Willow Creek	006	2589 Teresa Court	18	115733.56	552755.69
280010	Minor	City	West Bay	Bay of Green Bay	536	1241 San Jose Place	12	91461.31	570226.75
280011	Minor	City	Fox River South	East River	342	1111-1121 Cedar Street	15	103842.458	567155.413
280012	Minor	City	Hobart	Duck Creek	342	West Mason Street	12	72310.387	570668.811
280013	Major	City	Hobart	Ashwaubenon Creek	013	2925 Parkwood Drive	24	73772.68	564041.81
280014	Major	City	Fox River South	East River	184	W/O University Avenue Bridge	54	101890.7	568377.09
280015	Major	City	East River South	Willow Creek	015	1170 Ontario Road	42	122502.59	554481.88
280016	Minor	City	Hobart	Beaver Dam Creek	971	Entrance to Beaver Dam Park	12	80992.02	568644.1
280017	Major	City	East River South	Willow Creek	017	2970 Greenbrier Road	36	121126.59	552566.13
280019	Major	City	Fox River North	Baird Creek	19	413 Danz Avenue	12	112015.97	564594.81
280025	Minor	City	Hobart	LaCount Creek	025	3164 Summer Place	24	70296.73	570314.38
280027	Minor	City	Hobart	Duck Creek	027	1026 Village Green Court	30	70089.32	570556.38
280029	Minor	City	Hobart	Duck Creek	029	3190 Open Gate Trail	21	69737.38	571222.44
280031	Minor	City	Hobart	Duck Creek	031	3192 Sandia Drive	18	69856.79	570236.94
280033	Minor	City	East Bay	Barina Creek	33	2935 Durham Road	36x45x29	127905.2899	580541.0001
280035	Minor	City	East Bay	Barina Creek	35	2936 Durham Road	30x38x24	127889.83	580514.9401
280037	Minor	City	East Bay	Barina Creek	37	2897 Durham Road	24x30x19	127399.8201	580020.3801
280039	Major	City	East Bay	Barina Creek	039	2853 Durham Road	42x53x34	127240.41	579552.69
280041	Minor	City	East River South	Willow Creek	041	2387 Wandering Springs Circle	15	113392.77	551882.81
280044	Major	City	East River South	Baird Creek	045	3217 Sitka Street	42	123657.891	560361.053
280045	Minor	City	East River South	Baird Creek	045	3215 Sitka Street	36	123893.52	560335.38
280046	Major	City	East River South	Baird Creek	046	2975 Sitka Street	30	120439.475	560803.421
280047	Minor	City	East River South	Baird Creek	046	2975 Sitka Street	15	12439.475	560803.421
280050	Major	City	East River South	Willow Creek	050	2970 Greenbrier Road	36	121030.7699	552506.69
280052	Minor	City	East River South	Baird Creek	52	3220 Highland View Lane	18	123815.45	560602.56
280054	Minor	City	Hobart	Ashwaubenon Creek	054	2862-2865 Shelter Creek Court	18	7430484	563255.75
280056	Minor	City	East River South	Willow Creek	056	2542 Wandering Springs Court	12	114652.23	551502.25
280058	Minor	City	East River South	Willow Creek	058	2420 Wilder Street	15	114156.36	551537.69
280060	Minor	City	East Bay	Bay of Green Bay	061	3303 Beach Lane	18	128438.27	585216.322
280061	Major	City	East Bay	Bay of Green Bay	061	3303 Beach Lane	24	128437.19	585210.67
280062	Major	City	East Bay	Bay of Green Bay	061	3319 Beach Lane	42	128397.27	585434.5
280063	Major	City	East Bay	Bay of Green Bay	062	3363 Beach Lane	18	128793.89	586058.84
280064	Minor	City	Fox River North	Mahon Creek	64	2016 Mahon Court	12	119914.13	571287.44
280066	Minor	City	East River South	Baird Creek	66	376 Charity Lane	12	125182.99	560495.31
280068	Minor	City	East Bay	Baird Creek	070	1208 Wolverine Court	30	129567.5041	568531.928
280069	Minor	City	East Bay	Baird Creek	070	1208 Wolverine Court	21	129532.7821	568651.7201
280070	Major	City	East Bay	Mahon Creek	070	1208 Wolverine Court	24	129618.4299	568359.4998
280071	Minor	City	East Bay	Mahon Creek	70	1101 Spartan Road	8	129206.63	568214.31
280072	Minor	City	East Bay	Mahon Creek	72	1600 Inspiration Avenue	18	129536.12	569904.88
280074	Major	City	East River South	Willow Creek	074	2929 Walker Drive	36	121221.2698	553435.3099
280082	Major	City	East River South	Willow Creek	082	3236 Yeager Drive	42x53x34	124349.2501	553831.8799
280086	Major	City	East River South	Willow Creek	086	1119 Huron Road	42	125152.8099	554248.5599
280090	Major	City	East River South	Willow Creek	090	911 Huron Road	48	125094.4799	556217.1301
280092	Minor	City	East River South	Baird Creek	92	3345 Star Creek Court	12	126069.05	562005.88
280094	Minor	City	East River South	Baird Creek	94	122 Noble Court	12	126150.96	562083.69
280096	Major	City	East River South	Baird Creek	096	2631 Sage Drive	27	116509.12	563982.38
280098	Minor	City	East River South	Baird Creek	098	2548 Remington Road	18	115305.72	563517.5

**City of Green Bay
Outfall Inventory**

Facility_ID	Outfall_Type	Owner	Region	Drainage_Basin	Sub_Basin	Location	Size_in	X_Coordinate	Y_Coordinate
280100	Major	City	West Bay	Bay of Green Bay	596	520 Broadway	36	99619.4469	569788.6299
280101	Major	City	West Bay	Fox River	101	817 McDonald Street	48	100611.52	570476.38
280102	Minor	City	West Bay	Bay of Green Bay	596	520 Broadway	12	99762.86492	569943.5689
280103	Major	City	West Bay	Fox River	103	1020 McDonald Street	30	100835.03	571661.94
280106	Major	City	West Bay	Fox River	106	307 Howard Street	60	98491.7	567095.56
280108	Major	City	West Bay	Fox River	108	511 Broadway	30	97538.4	565994.94
280110	Major	City	West Bay	Fox River	110	517 Broadway	54	97557.89	565934.31
280112	Major	City	West Bay	Fox River	112	101 Bridge Street	21	98308.57	566687.13
280114	Major	City	West Bay	Fox River	114	100 Walnut Street	18	98652.16	567596.69
280116	Major	City	Fox River South	Fox River	116	200 Washington Street	24	98931.63	566811.94
280118	Major	City	Fox River South	Fox River	118	348 Washington Street	30	98609.59	565899.19
280120	Major	City	Fox River South	Fox River	120	100 East Mason Street	30	98265.2	564284
280122	Major	City	Fox River South	Fox River	122	100 East Mason Street	24	99208.24	567315.13
280124	Major	City	Fox River South	Fox River	124	101 Cherry Street	42	99367.84	567606.5
280126	Major	City	Fox River South	Fox River	126	120 East Mason Street	60	98375.29	564954.5
280130	Major	City	Fox River South	Fox River	130	220 Washington Street	36	98734.84	566444.06
280132	Major	City	Fox River South	Fox River	132	299 Washington Street	24	99560.88	567939.44
280134	Minor	State	West Bay	Bay of Green Bay	595	Atkinson Drive Bridge & RR Yard	12	97094.39	574824.75
280136	Minor	State	West Bay	Bay of Green Bay	595	Atkinson Drive Bridge & RR Yard	12	97065.14	575680.13
280138	Minor	State	West Bay	Bay of Green Bay	595	Atkinson Drive Bridge & RR Yard	12	97289.01	575528.69
280141	Minor	City	East River South	Baird Creek	77	3519 Peppergrass Drive	24	128162.404	563716.768
280143	Minor	City	East River South	Baird Creek	143	451 Huron Road	18	126613.99	564575.38
280144	Minor	City	East River South	Baird Creek	143	3421 Peppergrass Court	24	126576.434	562937.277
280145	Major	City	East River South	Baird Creek	145	451 Huron Road	36	126456.41	564949.63
280146	Major	City	East River South	Baird Creek	147	3291 Valleywood Lane	36	125027.649	560829.544
280147	Major	City	East River South	Baird Creek	147	3291 Valleywood Lane	24	124974.27	560573.63
280148	Major	City	East River South	Baird Creek	147	3291 Valleywood Lane	36	125047.28	560460.022
280150	Minor	City	East River South	Willow Creek	150	1410 Willow Creek Parkway	15	117292.67	552746.5
280152	Major	City	Fox River North	East River	152	313 St. George Street	12	104180.22	565667.44
280154	Major	City	Fox River North	East River	154	316 St. George Street	15	104215.2	565661.81
280156	Major	City	Fox River South	East River	156	635 Main Street	66	102084.84	567701.5
280158	Major	City	Fox River South	East River	158	801 Cedar Street	48	102370.24	567413
280160	Major	City	Fox River South	East River	160	929 Cedar Street	18	103086.84	567197.13
280162	Major	City	Fox River North	East River	162	1010 University Avenue	48	103321.3	567324.69
280164	Major	Private	Fox River South	East River	164	518 Roosevelt Street	15	104054.05	567041.5
280166	Major	City	Fox River South	East River	166	1207 Cedar Street	12	104127.19	566563.31
280168	Major	City	Fox River North	East River	168	501 St. George Street	24	104253.26	566542.38
280170	Major	City	Fox River South	East River	170	1210 Pine Street	72	103953.59	565788.94
280172	Major	City	Fox River South	East River	172	320 Irwin Avenue	42	104645.82	565519.38
280174	Major	City	Fox River North	East River	174	1300 Main Street	48	104806.559	565688.94
280176	Minor	City	Fox River South	East River	176	253 Baird Street	30	105495.35	565414.88
280178	Minor	City	Fox River North	East River	178	1368 Main Street	18	105490.17	565560.44
280180	Major	City	Fox River North	East River	180	1438 Main Street	42	105849.27	565200.38
280182	Major	City	Fox River North	East River	182	1478 Main Street	24	106118.12	564720.88
280184	Major	City	Fox River South	East River	184	515 Elm Street	48	101877.98	567576.63
280186	Major	City	Fox River North	East River	186	702 Quincy Street	18	102064.8	568472.13
280188	Major	City	Fox River North	East River	188	500 Quincy Street	60	102052.41	568680.38
280192	Minor	City	Fox River South	East River	192	1497 Crooks Street	24	105480.97	562512.13
280194	Minor	City	Fox River South	East River	194	338 Hartung Street	24	105708.92	562553.19
280196	Minor	City	Fox River South	East River	196	502 Hartung Street	15	105291.44	561778.19
280198	Major	City	Fox River South	East River	198	1489 E. Mason Street	36	104998.29	561584.19
280200	Minor	City	Fox River South	East River	200	618 Hartung Street	30	104902.98	561302.94

**City of Green Bay
Outfall Inventory**

Facility_ID	Outfall_Type	Owner	Region	Drainage_Basin	Sub_Basin	Location	Size_in	X_Coordinate	Y_Coordinate
280202	Minor	City	Fox River South	East River	202	1449 Cass Street	12	104331.31	561230.13
280204	Minor	City	Fox River South	East River	204	627 Goodell Street	12	104365.61	561261.31
280206	Minor	City	Fox River South	East River	206	627 Goodell Street	12	104398.95	561277.69
280208	Minor	City	Fox River South	East River	208	1445 Lawe Street	21	103968.09	560836.81
280210	Major	City	Fox River South	East River	210	1457 Porlier Street	36	103961.04	560248.13
280212	Minor	City	Fox River South	East River	212	1492 Eliza Street	15	104116.27	559993
280214	Minor	City	Fox River South	East River	214	1573 Amy Street	15	104887.77	559559.69
280216	Minor	City	Fox River South	East River	216	1535 Emilie Street	15	104669.06	558674.56
280218	Minor	City	Fox River South	East River	218	1530 Grignon Street	15	104473.8	558173.31
280220	Minor	City	Fox River South	East River	220	338 Deckner Avenue	15	105870.67	562805
280222	Minor	City	Fox River South	East River	222	1495 Kurtz Avenue	12	105790.67	562992.44
280224	Minor	City	Fox River South	Duck Creek	224	1415 E. Walnut Street	24	106196.8	563782.81
280227	Major	City	Fox River North	Baird Creek	227	1590 Main Street	36	107106.93	563386.63
280229	Minor	City	Fox River North	Baird Creek	229	1633 Franz Avenue	8	107315.01	563535.13
280231	Major	City	Fox River North	Baird Creek	231	215 Elizabeth Street	30x38x24	107594.46	563900.38
280233	Major	City	East River South	Baird Creek	233	250 Henry Street	90x113x72	108760.58	564060.31
280235	Major	City	East River South	Baird Creek	235	250 Henry Street	90x113x72	108760.58	564060.31
280237	Major	City	Fox River North	Baird Creek	237	344 Henry Street	36x45x29	109404.8	564281.75
280239	Major	City	East River South	Baird Creek	239	344 Henry Street	30	109426.63	564235.25
280241	Major	City	Fox River North	Baird Creek	241	1930 Basten Street	12	110714.04	564955.88
280242	Minor	City	East River South	Baird Creek	242	413 Danz Avenue	24	112152.413	565042.336
280243	Major	City	East River South	Baird Creek	243	306 Danz Avenue	21	112092.88	564563.31
280244	Minor	City	East River South	Baird Creek	243	413 Danz Avenue	15	112245.038	564633.108
280247	Minor	City	West Bay	Beaver Dam Creek	247	1649 7th Street	15	85288.16	569082.06
280249	Major	City	West Bay	Beaver Dam Creek	249	1626 7th Street	21	85319.15	569070.81
280251	Minor	City	West Bay	Beaver Dam Creek	251	1636 Janice Avenue	24	85081.41	568852.63
280253	Minor	City	West Bay	Beaver Dam Creek	253	1700 9th Street	15	84032.33	568635.13
280255	Major	City	West Bay	Beaver Dam Creek	255	1603 7th Street	78	85628.56	567628.5
280257	Minor	City	West Bay	Beaver Dam Creek	257	1664 Beaver Dam Drive	15	85490.32	569772.63
280259	Minor	City	West Bay	Beaver Dam Creek	259	1664 Beaver Dam Drive	24	85468.76	569764.38
280261	Minor	City	West Bay	Beaver Dam Creek	261	1675 Birch Street (Firemans Fire Station)	12	85203.07	570161.44
280263	Minor	City	West Bay	Beaver Dam Creek	263	1772-1766 Beaver Dam Drive	30	84505.51	570680.25
280265	Minor	City	West Bay	Beaver Dam Creek	265	1817-1811 Aspen Lane	18	84015.51	571404.06
280267	Major	City	Hobart	Beaver Dam Creek	267	2700 He-Nis-Ra Lane	48x60x38	76518.98	567573.94
280269	Major	City	Hobart	Beaver Dam Creek	269	2700 He-Nis-Ra Lane	48x53x34	76639.22	567542.06
280271	Minor	City	Hobart	Beaver Dam Creek	271	2641 West Point Road	18	77098.3	567762.75
280273	Minor	City	Hobart	Beaver Dam Creek	273	Across 1435 Packerland Drive	30	77821.97	567950.75
280275	Minor	City	Hobart	Beaver Dam Creek	275	(SWHS) next to 2566 West Point Road	18	78327.66	568087.06
280277	Minor	City	Hobart	Beaver Dam Creek	277	2472 & 2468 West Point Road	24	79479.26	568258.25
280279	Minor	City	Hobart	Beaver Dam Creek	279	2402 & 2386 9th Street	30	80386.01	568301.63
280282	Minor	City	Hobart	Beaver Dam Creek	282	Entrance to Beaver Dam Park	21	81130.09	568616.88
280284	Minor	City	Hobart	Beaver Dam Creek	284	2160 & 2150 9th Street	12	81255.98	568744.44
280286	Minor	State	Hobart	Beaver Dam Creek	286	2016 9th Street & HWY 41	12	82098.42	569275.25
280288	Minor	City	Hobart	Beaver Dam Creek	288	2485 San Lorenz Drive (SWHS)	18	79065.64	569275.25
280290	Minor	City	West Bay	Beaver Dam Creek	290	1196 & 1200 Michaline Drive	12	83057.2	5569315.31
280292	Minor	City	West Bay	Beaver Dam Creek	292	1779 9th Street	24	83178.86	569007.81
280294	Minor	City	West Bay	Beaver Dam Creek	294	1775 9th Street (Kennedy School)	12	83360.09	568940.69
280296	Minor	City	West Bay	Beaver Dam Creek	296	Across from 1751 9th Street	21	83372.23	568907.56
280298	Minor	City	West Bay	Beaver Dam Creek	268	1751 9th Street	21	83618.2	568794.88
280300	Minor	City	Hobart	Beaver Dam Creek	300	Near 1217 Taylor Street	24	82711.13	569566.25
280302	Minor	City	East River South	Ellis Creek	302	2346 Van Beek Road	18	112530.55	554997.63
280304	Minor	City	East River South	Willow Creek	553	2473 Manitowoc Road	18	114337.69	552645

**City of Green Bay
Outfall Inventory**

Facility_ID	Outfall_Type	Owner	Region	Drainage_Basin	Sub_Basin	Location	Size_in	X_Coordinate	Y_Coordinate
280306	Major	City	East River South	Willow Creek	306	1311 Robinson Avenue	36	115737.51	552966.94
280309	Major	City	West Bay	Fox River	309	1618 State Street	72	95500.75	560455.94
280311	Major	City	West Bay	Bay of Green Bay	311	1255 Winford Avenue	24	95527.56	576060.06
280313	Major	City	West Bay	Fox River	313	125 Ninth Street	72	96835.05	562222.56
280315	Minor	City	Fox River South	Fox River	315	440 Eliza Street	30	98302.28	562431.75
280317	Minor	City	Fox River South	Fox River	317	1200 Monroe Avenue	12	98083.69	561351
280318	Minor	City	East River South	Baird Creek	321	185 McKenzie Lane	36	121079.509	563495.5371
280319	Minor	City	Fox River South	Fox River	319	915 Jefferson Street	24	98211.27	562794.44
280320	Minor	City	East River South	Baird Creek	321	185 McKenzie Lane	36	121149.8212	563494.669
280321	Minor	City	East River South	Baird Creek	321	185 McKenzie Lane	21	121381.78	563419.63
280324	Minor	City	West Bay	Beaver Dam Creek	324	Across from 505 Taylor Street	18	83496.19	572860
280326	Minor	City	Hobart	Beaver Dam Creek	326	Across from 505 Taylor Street	18	83512.6	572596.75
280328	Minor	City	Hobart	Beaver Dam Creek	328	714 Taylor Street	18	83333.93	571995.5
280330	Major	City	Hobart	Beaver Dam Creek	330	900 & 902 Taylor Street	36	83248.25	571884.75
280332	Minor	City	Hobart	LaCount Creek	332	3034 Open Gate Trail	15	71890.09	571750.13
280334	Minor	City	Hobart	LaCount Creek	334	3034 Open Gate Trail	24	71899.78	571751.88
280336	Minor	City	Hobart	LaCount Creek	336	3079 Eagle Terrace	24	71467.52	572637
280338	Minor	City	Hobart	Duck Creek	338	3083 Par Court	12	71560.45	572150.19
280340	Minor	City	Hobart	Duck Creek	340	3188 & 3183 Outing Court	12	69892.45	571599.44
280342	Major	City	Hobart	LaCount Creek	342	926 LaCount Road	48	72470.71	571172.94
280344	Minor	City	Hobart	Beaver Dam Creek	344	2576 & 2570 He-Nis-Ra Lane	15	78070.16	567878.31
280346	Major	City	Hobart	Beaver Dam Creek	346	2566 West Point Road	24	78299.36	568036.5
280348	Minor	City	Hobart	Ashwaubenon Creek	348	2535 Parkwood drive	30	78911.63	564150.44
280350	Major	City	Hobart	Ashwaubenon Creek	350	Off Cormier Road in Ashwaubenon	36	75960.09986	562256.2499
280351	Minor	City	Hobart	Ashwaubenon Creek	350	2737 Buckthorn Trail	21	75832.26	564285.386
280352	Minor	City	Hobart	Beaver Dam Creek	352	Btw.Packerland & He-Nis-Ra Lane	12	77745.88	567848.38
280354	Minor	City	Hobart	Ashwaubenon Creek	354	1920 Renaissance Court	24	70466.82	566230.5
280356	Major	City	East River South	Willow Creek	356	1170 Ontario Road	42x53x34	122511.54	554523.06
280358	Major	State	East River South	Willow Creek	358	1170 Ontario Road	84x68x106	119257.57	556284.88
280360	Major	City	East River South	Willow Creek	360	3140 Lowell Drive	42x53x34	12893.55014	554566.4402
280362	Minor	City	East River South	Willow Creek	381	2820 Greenbrier Road	18	118748.66	552235.56
280364	Major	State	East River South	Willow Creek	364	1000 Kepler Drive	36	118901.13	554480.88
280367	Minor	City	East River South	Willow Creek	367	2820 Englewood Road	12	118735.25	556302.5
280369	Major	City	East River South	Willow Creek	369	3237 Voyager Drive	54x68x43	124516.0201	555738.1901
280371	Minor	City	East River South	Willow Creek	358	East Mason Street	12	122752.63	557330.94
280373	Minor	City	East River South	Willow Creek	358	East Mason Street	12	122992.9	557307.19
280375	Minor	City	East River South	Willow Creek	358	East Mason Street	12	123188.96	557204.13
280377	Minor	City	East River South	Willow Creek	369	East Mason Street	12	123809.33	556402.19
280379	Minor	City	East River South	Willow Creek	369	East Mason Street	12	124097.61	556241.69
280381	Major	State	East River South	Willow Creek	381	Greenbrier Road	12	118080.6	552318.19
280382	Minor	City	East River South	Baird Creek	047B	The Woods at Bairds Creek	18	126630.808	561375.638
280383	Minor	City	East River South	Willow Creek	383	2575 Van Beek Road	12	118126.65	554875.13
280384	Minor	City	East River South	Baird Creek	147	Woods Golf Course	15	126138.344	559859.9949
280385	Major	City	East River South	Baird Creek	047B	Woods Golf Course	24x30x19	126869.53	558708.44
280386	Minor	City	East River South	Baird Creek	386	Woods Golf Course	15	126141.1649	559849.7951
280387	Minor	City	East River South	Baird Creek	387	552 Conservancy Court	24	128122.14	558298.6
280389	Minor	City	East River South	Baird Creek	389	478 Erie Road	27	127787.8	559169.69
280391	Minor	State	East River South	Willow Creek	516	East Mason Street	24	119048.02	557163.69
280393	Minor	State	East River South	Willow Creek	358	East Mason Street	24	119337.59	557184.13
280395	Minor	State	East River South	Willow Creek	358	East Mason Street	30	119452.95	557172.94
280397	Minor	State	East River South	Willow Creek	358	East Mason Street	30	119548.82	557154.44
280399	Minor	State	East River South	Willow Creek	515	East Mason Street	24	119481.66	557327.69

**City of Green Bay
Outfall Inventory**

Facility_ID	Outfall_Type	Owner	Region	Drainage_Basin	Sub_Basin	Location	Size_in	X_Coordinate	Y_Coordinate
280403	Major	City	East Bay	Mahon Creek	403	1030 Cornelius Drive	36	121258.98	568067.38
280404	Major	City	East River South	Baird Creek	408	2970 Mossy Oak Circle	48		
280405	Major	City	East River South	Baird Creek	408	2970 Mossy Oak Circle	36	120509.59	564783.81
280406	Minor	City	East River South	Baird Creek	408	2970 Mossy Oak Circle	18		
280409	Major	City	Fox River North	Fox River	409	Humboldt Road	21	119017.94	565923.13
280413	Major	State	Fox River North	Fox River	413	2501 Jenny Lane	15	114633.49	567459.19
280415	Major	State	Fox River North	Fox River	415	835 Liebmann Street	48	115204.36	567789.25
280417	Major	City	Fox River North	Fox River	417	2341 Eastman Avenue	36x45x29	113839.63	568432.31
280419	Minor	State	Fox River North	Bay of Green Bay	417	2351 University Avenue	24	113253.02	566833.19
280421	Minor	City	Fox River North	Baird Creek	421	2475 University Avenue	12	114150.13	567166
280423	Minor	City	Fox River North	Baird Creek	421	2475 University Avenue	12	114150.71	567162.5
280425	Minor	City	Fox River North	Baird Creek	425	2475 University Avenue	12	114305.84	5669233.38
280427	Minor	State	Fox River North	Fox River	427	2696 St. Ann Drive	12	117844.63	567352.88
280429	Minor	City	Fox River North	Fox River	429	2657 University Avenue	30	116941.16	567698.56
280433	Minor	City	Fox River North	Fox River	519	2734 St. Anthony Drive	30	117588.05	567823.44
280435	Major	City	Fox River North	Mahon Creek	435	2346 Utah Avenue	27	120132.23	573249.5
280437	Minor	City	Fox River North	Mahon Creek	437	2897 Circle Shore Drive	21	120096.24	573371.81
280439	Minor	City	East Bay	Mahon Creek	439	2300 Nicolet Drive	27	120438.1599	572919.4999
280441	Major	City	East Bay	Bay of Green Bay	441	UWGB	36	121722.3801	574532.5
280443	Minor	State	Fox River North	Bay of Green Bay	435C	University Avenue	12	119496.01	570450
280445	Minor	State	Fox River North	Mahon Creek	537	University Avenue	12	119289.04	570464.81
280447	Minor	State	Fox River North	Mahon Creek	537	University Avenue	12	119255.23	570930.88
280449	Minor	State	Fox River North	Bay of Green Bay	435C	Nicolet Drive On-Ramp	12	119040.66	571519.13
280451	Minor	State	Fox River North	Bay of Green Bay	435C	Nicolet Drive On-Ramp	12	118993.98	571471.38
280453	Minor	State	Fox River North	Bay of Green Bay	435C	Nicolet Drive On-Ramp	12	119060.96	571339.94
280455	Minor	State	Fox River North	Bay of Green Bay	435C	Nicolet Drive On-Ramp	12	119140.13	571883.93
280458	Minor	State	Fox River North	Mahon Creek	537C	Nicolet Drive On-Ramp	12	119620.36	570804.88
280460	Minor	State	Fox River North	Mahon Creek	537C	Nicolet Drive On-Ramp	12	119696.36	570680.13
280462	Minor	City	East Bay	Mahon Creek	462	3276 Peterson Road	18	124900.85	577295.25
280464	Major	City	East Bay	Mahon Creek	464	2651 Shore Ridge Court	36	125012.52	576999.06
280466	Minor	City	East Bay	Mahon Creek	464	2658 Kathy Drive	21	125406.99	576540.63
280467	Minor	City	East Bay	Mahon Creek	469	Kathy Drive & Paula Street	36	125413.66	577102.37
280468	Minor	City	East Bay	Mahon Creek	469	Kathy Drive & Paula Street	36	125597.597	577179.968
280470	Minor	City	East Bay	Bay of Green Bay	470	2718 Nicolet Drive	21	124248.21	577513.69
280472	Minor	City	East Bay	Bay of Green Bay	472	2793 Nicolet Drive	21	124828.39	578812.19
280474	Minor	City	East Bay	Mahon Creek	474	3340 Sonata Drive	12	125628.07	569236.13
280476	Minor	City	East Bay	Mahon Creek	476	3350 Sonata Drive	24	125815.1	569158.69
280480	Minor	City	East Bay	Mahon Creek	480	Gershwin Drive & Lake Largo Drive	24	124961.2	570723.63
280482	Minor	City	East Bay	Mahon Creek	482	1209 Bay De Noc Court	12	128734.13	568519.25
280484	Major	City	East Bay	Baird Creek	482	1405 Creekside Lane	30	128873.99	568963.81
280486	Minor	City	East Bay	Mahon Creek	486	3500 Bay Highlands Circle	24	127970.53	568561.44
280487	Minor	City	East Bay	Mahon Creek	490	Brown County Farms Pond	36	125177.6261	568919.3521
280488	Minor	City	East Bay	Mahon Creek	488	Brown County Farms Pond	21	125193.94	569323.88
280489	Minor	City	East Bay	Mahon Creek	490	N/O Brown County Farms Pond	36	124913.2231	568913.504
280490	Minor	City	East Bay	Mahon Creek	490	N/O Brown County Farms Pond	24	125201.03	569288.19
280491	Major	City	East Bay	Mahon Creek	491	Brown County Farms Pond	36	124829.816	569176.802
280492	Minor	City	East Bay	Mahon Creek	492	3177 Bay View Drive	24	123802.89	568109.38
280494	Major	City	East River South	Baird Creek	494	108 Burgandy Court	36	118199.26	562761.25
280496	Major	City	East River South	Baird Creek	496	2545 Deckner Avenue	42	116230.08	562825.75
280498	Minor	City	East River South	Baird Creek	498	2545 Deckner Avenue	21	115249.38	562804.38
280500	Major	City	East River South	Baird Creek	500	350 Wesley Avenue	36	112584.44	560915.75
280502	Minor	City	East River South	Baird Creek	502	2424 Newberry Avenue	18	113681.01	561524.44

**City of Green Bay
Outfall Inventory**

Facility_ID	Outfall_Type	Owner	Region	Drainage_Basin	Sub_Basin	Location	Size_in	X_Coordinate	Y_Coordinate
280504	Minor	City	East River South	Baird Creek	504	2509 Sage Drive	12	114824.37	564385.19
280506	Major	City	East River South	Baird Creek	506	2455 Remington Road	48	113884.67	563952.63
280508	Minor	City	East Bay	Mahon Creek	508	3420 Bay Highlands Drive	24	126597.69	568550.5
280510	Minor	City	East River South	Ellis Creek	510	2410 Heather Court	21	113475.27	555293.06
280515	Major	City	East River South	Ellis Creek	515	2566 Heather Road	60	115490.26	555882.25
280519	Minor	City	Fox River North	Fox River	519	2735 University Avenue	12	117500.74	567878.81
280521	Minor	City	Fox River North	Bay of Green Bay	521	2519 University Avenue	15	118629.92	568869.94
280523	Minor	City	East Bay	Bay of Green Bay	435G	3150 Curry Lane	36	122121.69	570747.63
280525	Minor	City	East Bay	Bay of Green Bay	592	3150 Curry Lane	30	122824.34	570490.5
280527	Minor	City	East Bay	Bay of Green Bay	435H	3150 Curry Lane	36	122934.63	570634.19
280529	Minor	City	East Bay	Bay of Green Bay	435H	3150 Curry Lane	54x64x43	123068.48	570722.88
280531	Minor	City	East Bay	Bay of Green Bay	531	3150 Curry Lane	24	123427.73	570746.38
280534	Minor	City	East Bay	Mahon Creek	534	3150 Curry Lane	18	123801.57	570669.56
280536	Minor	City	West Bay	RR Ditch Wis. Cent.	010	1270 Hannah Street	15	91190.61	570482.69
280538	Minor	City	Hobart	Duck Creek	538	806 Red Fox Way	18	73499.69	571829.56
280540	Major	City	Fox River South	Fox River	540	227 Washington Street	12	99548.58	567625.56
280542	Major	City	Fox River South	Fox River	542	120 East Mason Street	12	98321.29	5464480
280543	Major	City	East River South	Baird Creek	543	1866 Brooks Street	34x53	110135.545	564265.833
280544	Major	City	East River South	Baird Creek	544	1910 Morrow Street	90x113x72	110040.26	564818
280545	Minor	City	East River South	Baird Creek	545	1910 Morrow Street	12	110075.16	564800.31
280546	Minor	City	East River South	Baird Creek	546	1910 Morrow Street	30	110053.09	564526.406
280547	Major	City	East River South	Willow Creek	547	211 Imperial Lane	30x36x24	109766.413	555718.7
280548	Major	City	East River South	Baird Creek	548	1910 Morrow Street	24	109888.06	564347.854
280549	Major	City	East River South	Willow Creek	549	2306 Pecan street	36	111918.34	553741.06
280553	Minor	City	East River South	Willow Creek	304	2484 Manitowoc Road	21	114263.78	552647.44
280555	Minor	City	East River South	Willow Creek	556	1337 Benjamin Court	21	116742.4	552977
280558	Major	City	East River South	East River	558	1100 Bellevue Street	42	104833.55	558533
280560	Major	State	East River South	East River	560	846 Bellevue Street	54	105465.74	559446.25
280562	Minor	City	Fox River South	Fox River	562	1102 Monroe Avenue	15	98209.81	561868.56
280565	Minor	City	East Bay	Barina Creek	33	3510 Barina Creek Drive	42x53x34	128102.84	580477.31
280567	Minor	City	East Bay	Barina Creek	569	3674 Church Road	21	130314.46	581037.63
280569	Major	City	East Bay	Barina Creek	569	2975 Sussex Road	42	129875.91	580908.81
280571	Minor	City	East Bay	Mahon Creek	571	Huron Road Bridge	12	127985.4	568325.63
280573	Minor	City	East River South	Baird Creek	235	Wesley Avenue	12	112048.15	561292.88
280574	Major	City	Fox River North	Fox River	581C	2230 Angie Avenue	60	106401.096	573033.5505
280575	Minor	City	East River South	Baird Creek	575	337 Wesley Avenue	12	112445.32	561099
280576	Major	City	Fox River North	Fox River	581C	2230 Angie Avenue	36	106502.176	573226.618
280577	Minor	City	Fox River North	Wildlife Sanctuary	581K	2505 East Shore Drive	12	115402.27	572101.75
280579	Major	City	Fox River North	Wildlife Sanctuary	579	2703 East Shore Drive	36	117418	572195.55
280580	Major	City	Fox River South	Fox River	580	200 Main Street	42	100017.79	568570.69
280581	Major	City	Fox River North	Fox River	581	1910 Quincy Avenue	96x121x77	104584.98	572936.69
280582	Minor	City	East River South	Baird Creek	582	1606 Main Street	12	107421.23	563697
280583	Minor	City	East River South	Ellis Creek	583	958 Edgewood Drive	15	114604.3	555491.56
280585	Major	City	East River South	Baird Creek	585	Berger Street Pond	42x53x34	110019.55	564664.38
280586	Major	City	East River South	Baird Creek	586	259 Newberry Court	36	114370.8	564664.38
280587	Minor	City	East River South	Baird Creek	587	102 Abigail Court	36	125370.15	562669.39
280588	Minor	City	East River South	Baird Creek	588	Royal Woods Pond	12	125161.97	562405.02
280589	Minor	City	East River South	Willow Creek	589	1155 Frost Court	12	117944.84	554267.75
280590	Minor	City	Fox River North	Baird Creek	590	602 Baird Creek Road	27	116439.94	566278.31
280591	Minor	City	East Bay	Bay of Green Bay	591	Nicolet Dr. & Pebble Beach Ct	21	125544.97	580009
280592	Major	City	East Bay	Bay of Green Bay	529	2601 Nicolet Drive	36	123066.69	576304.31
280593	Major	City	West Bay	Fox River	593	1391 Bylsby Avenue	36	100068.03	575587.06

**City of Green Bay
Outfall Inventory**

Facility_ID	Outfall_Type	Owner	Region	Drainage_Basin	Sub_Basin	Location	Size_in	X_Coordinate	Y_Coordinate
280594	Major	City	West Bay	Fox River	594	1264 Broadway	30	100839.18	573416.25
280595	Major	State	West Bay	Bay of Green Bay	595	1082 Velp Avenue	72x91x58	97304.69	575401.19
280596	Major	City	West Bay	Bay of Green Bay	596	418 Broadway	63	100292.98	569426.5
280957	Major	City	West Bay	Bay of Green Bay	957	1415 McDonald Street	72	93608.72992	578892.3101
280958	Major	City	West Bay	Bay of Green Bay	958	1244 Velp Avenue	12	94655.24	576375.5
280959	Major	City	West Bay	Fox River	959	109 Main Street	48	99091.2	568435.54
280960	Major	City	West Bay	Fox River	960	229 Arndt Street	84	97911.83	565239.09
280961	Major	City	West Bay	Fox River	961	1101 Broadway	48	97063.83	563575.74
280962	Major	City	West Bay	Bay of Green Bay	962	Military Avenue & McDonald Street	78x98x63	91841.92013	580506.5599
280963	Major	City	West Bay	Beaver Dam Creek	963	180 Bond Street	48	87199.48	577141.63
280964	Minor	City	Hobart	Ashwaubenon Creek	964	1820 Renaissance Court	18	70334.05	566644.06
280965	Minor	City	Hobart	Ashwaubenon Creek	965	1954-1942 Telemark Circle	15	72484.11	566000.63
280966	Minor	City	Hobart	Ashwaubenon Creek	966	1975-1967 Telemark Circle	18	73761.17	565721.19
280967	Minor	City	Hobart	Duck Creek	967	2898 Antler Trail	30	73765.88	572349.75
280968	Minor	City	Hobart	Ashwaubenon Creek	968	2867-2863 Ogdan Woods Drive	21	74253.59	563511.69
280969	Minor	City	Hobart	Ashwaubenon Creek	969	2802-2804 Cormier Road	24	74915.02	562684.69
280970	Major	City	Hobart	Ashwaubenon Creek	970	2135-2137 Packerland Drive	60x48x32	77825.53	563487.88
280971	Major	City	Hobart	Beaver Dam Creek	971	2421-2423 Bellwood Lane	48	80186.92	569533.81
280972	Minor	City	Hobart	Duck Creek	AV4	3103 Sandstone Court	24	70968.605	568180.557
280973	Minor	City	Hobart	Ashwaubenon Creek	973	3031 Sonoran Court	24	71752.9	566702.81
280974	Minor	City	Hobart	Duck Creek	974	2751 Packerland Drive	21	79077.69	575829.25
280975	Major	City	Hobart	Beaver Dam Creek	975	End of Elgin Road (GB & Howard)	66	82244.67	57273.44
280976	Major	City	Hobart	Beaver Dam Creek	976	End of Elgin Road (GB & Howard)	66	82246.72	575263.44
280977	Minor	City	Hobart	Duck Creek	977	2675 Indian Hill Drive	21	76507.54	57529
280978	Minor	City	Hobart	Duck Creek	978	2675 Indian Hill Drive	15	76401.48	575484.75
280979	Minor	City	Hobart	Duck Creek	979	2526 Sumac Place	18	77263.49	574072.63
280980	Minor	City	Hobart	Beaver Dam Creek	980	1920 Larsen Road	15	83331.51	573142.25
280981	Major	City	East Bay	Mahon Creek	981	1016 Aldine Court	36	128294.031	568150.4999
280982	Major	City	Hobart	Duck Creek	982	237 Country Club Road	48	75028.35	574415
280983	Major	City	Hobart	Duck Creek	983	237 Country Club Road	48x38x60	75028.74	574415
280984	Major	City	Hobart	Beaver Dam Creek	984	Frontage Road West Mason Street	36	82142.87	571225.31
280985	Minor	City	Hobart	Beaver Dam Creek	985	2253 West Mason Street	24	81415.74	570610.25
280986	Minor	City	West Bay	Beaver Dam Creek	986	Morraine Terrace	12	87511.95	577720.5
280987	Major	City	Hobart	Beaver Dam Creek	987	1798 West Mason Street	15	84362.2	571005.81
280988	Minor	City	West Bay	Beaver Dam Creek	987	1799 West Mason Street	24	84418.42	570979
280989	Major	City	Hobart	Beaver Dam Creek	989	900 Taylor Street	24x30x19	83297.32	571843.31
280990	Major	City	East River South	East River	990	1221 Bellevue Street	42x53x34	104852.81	557528.31
280991	Minor	City	East Bay	Mahon Creek	991	1016 Aldine Court	24	128354.27	567949.94
280992	Major	City	West Bay	Fox River	992	155 Pearl Street	42	98913.62	568180.06
280993	Major	City	East Bay	Bay of Green Bay	S5	4320 College Park Drive	30	138602.36	574531.67
280994	Major	City	East Bay	Bay of Green Bay	O32	3151 Nicolet Drive	36	587352.75	129466.44
280995	Major	City	East Bay	Bay of Green Bay	O61	3463 Nicolet Drive	24	138718.08	573686.64
280996	Minor	City	East Bay	Bay of Green Bay	WS3	4320 College Park Drive	15	138715.042	573684.037
280997	Major	City	East River South	Baird Creek	321	McKenzie Pond	36	138715.042	573684.037
280998	Major	City	East River South	Willow Creek	306	Wilder Park Pond	36	115231.48	552892.97
280999	Major	City	East River South	Baird Creek	588	3065 Sitka Street	36	122378.3801	561400.0899

Totals:	358
Major	150
Minor	208



Section 3

Illicit Discharge Detection and Elimination

Outfall Inspections – 2019

City of Green Bay
2019 Outfall Inspections

Facility ID	Outfall Type	Primary Inspector	Date	Weather Condition	Last Precipitation (days)	Quantity of Precipitation (in)	Precipitation Type	Overall Condition	Flow Condition	Structure Condition	Hydrologic Fluctuation	Water Level	Debris Present	Method of Removal	Flow Observed	Color	Biological	Floatables	Odor	Sedimentation (in)	Turbidity	Distance MH (ft)	pH	Temperature	Chlorine	Detergent	Phenols	Copper	Positive Hit	Inspection Result	Inspection Duration (min)	Next Inspection Year	Inspection Notes
280025	Minor	P. Freeman	7/23/2019 13:20	Partly Cloudy	2	3.01	Rain	Fair	Plugged	Normal	Intermediate	Low	No	-	Yes	Clear	None	None	Musty	None	Clear	-	7	70	0	0	0	0	Sampled-Clean	Pass	45	2024	
280027	Minor	P. Freeman	7/23/2019 14:09	Partly Cloudy	2	3.01	Rain	Good	Open	Normal	Normal	Low	No	-	Yes	Clear	None	None	None	None	Clear	-	7	72	0	0	0	0	Sampled-Clean	Pass	45	2024	
280029	Minor	P. Freeman	9/18/2019 13:50	Clear	4	0.83	Rain	Good	Open	Normal	Normal	Low	No	-	No	-	-	None	-	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	25	2024		
280031	Minor	P. Freeman	9/26/2019 13:35	Partly Cloudy	2	0.1	Rain	Good	Open	Normal	Intermediate	Low	Yes	Inspector	No	-	None	Garbage/T rash	-	Slight (1-3")	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	45	2024	Hard to locate, phragmites.
280054	Minor	P. Freeman	7/9/2019 8:54	Overcast	2	0.48	Rain	Good	Open	Normal	Normal	Low	No	-	Yes	Clear	None	None	None	None	Clear	-	7	69	0	0	0	0	Sampled-Clean	Pass	45	2024	
280332	Minor	P. Freeman	9/18/2019 12:45	Clear	4	0.83	Rain	Fair	Open	Dismantle d Joint(s)	Normal	Normal	No	-	No	-	None	None	-	-	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	30	2024	
280334	Minor	P. Freeman	9/18/2019 12:12	Clear	4	0.83	Rain	Fair	Open	Dismantle d Joint(s)	Normal	Normal	No	-	No	-	None	None	-	-	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	30	2024	
280336	Minor	P. Freeman	9/18/2019 9:30	Clear	4	0.83	Rain	Fair	Open	Normal	Normal	Normal	Yes	Inspector	Yes	Clear	None	Garbage/T rash	None	None	Clear	-	7	62	0	0	0	0	Sampled-Clean	Pass	60	2024	Resident concerned about creek bank erosion. 3079 S. Eagle Terrace
280338	Minor	P. Freeman	9/18/2019 11:30	Clear	4	0.83	Rain	Good	Open	Normal	Normal	Normal	No	-	Yes	Clear	None	None	None	None	Clear	-	7	62	0	0	0	0	Sampled-Clean	Pass	45	2024	
280340	Minor	P. Freeman	9/18/2019 13:18	Clear	4	0.83	Rain	Good	Open	Normal	Normal	Dry	No	-	No	-	-	None	-	-	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	25	2024	
280443	Minor	P. Freeman	7/23/2019 10:10	Clear	2	3.01	Rain	Good	Plugged	Normal	Excessive	Low	Yes	Inspector	No	-	None	Garbage/T rash	-	None	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	45	2024	
280445	Minor	P. Freeman	7/23/2019 9:33	Clear	2	3.01	Rain	Good	Plugged	Normal	Excessive	Low	Yes	Inspector	No	-	None	Garbage/T rash	-	None	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	45	2024	Dense vegetation
280447	Minor	P. Freeman	7/9/2019 7:38	Overcast	2	0.48	Rain	Good	Open	Normal	Normal	Dry	Yes	Inspector	No	-	-	Garbage/T rash	-	None	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	30	2024	Dense vegetation
280449	Minor	P. Freeman	7/1/2019 9:56	Cloudy	1	0.1	Rain	Good	Plugged	Normal	Excessive	Low	No	-	No	-	-	None	-	None	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	25	2024	Dense vegetation
280451	Minor	P. Freeman	7/1/2019 10:35	Cloudy	1	0.1	Rain	Good	Open	Normal	Normal	Low	No	-	No	-	-	None	-	None	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	25	2024	Dense vegetation
280453	Minor	P. Freeman	7/8/2019 10:40	Overcast	2	0.48	Rain	Good	Open	Normal	Normal	Low	No	-	No	-	-	None	-	None	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	30	2024	Good condition
280455	Minor	P. Freeman	7/1/2019 9:35	Cloudy	1	0.1	Rain	Good	Open	Normal	Normal	Dry	No	-	No	-	None	None	-	None	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	20	2024	Dense vegetation
280458	Minor	P. Freeman	7/23/2019 12:05	Partly Cloudy	2	3.01	Rain	Fair	Plugged	Normal	Excessive	Dry	Yes	Inspector	No	-	-	Garbage/T rash	-	None	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	45	2024	Dense vegetation and hard to find
280460	Minor	P. Freeman	7/23/2019 11:21	Clear	2	3.01	Rain	Fair	Plugged	Normal	Excessive	Dry	Yes	Inspector	No	-	-	Garbage/T rash	-	None	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	30	2024	Very dense vegetation, hard to find
280538	Minor	P. Freeman	7/9/2019 10:44	Overcast	2	0.48	Rain	Good	Open	Normal	Normal	Low	No	-	Yes	Clear	None	None	None	None	Clear	-	7	69	0	0	0	0	Sampled-Clean	Pass	30	2024	
280964	Minor	P. Freeman	10/8/2019 13:41	Clear	5	0.33	Rain	Good	Open	Normal	Intermediate	Low	Yes	Inspector	Yes	Clear	None	Garbage/T rash	None	Slight (1-3")	Clear	-	7	68	0	0	0	0	Sampled-Clean	Pass	45	2024	
280965	Minor	P. Freeman	10/8/2019 12:20	Clear	2	0.33	Rain	Good	Open	Normal	Normal	Dry	No	-	No	-	None	None	-	None	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	45	2024	
280966	Minor	P. Freeman	10/8/2019 11:25	Clear	5	0.33	Rain	Good	Open	Normal	Normal	Dry	No	-	No	-	None	None	-	-	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	45	2024	
280967	Minor	P. Freeman	7/9/2019 11:30	Clear	2	0.48	Rain	Good	Open	Normal	Normal	Normal	No	-	Yes	Clear	None	None	None	None	Clear	-	7	70	0	0	0	0	Sampled-Clean	Pass	45	2024	
280968	Minor	P. Freeman	7/9/2019 9:51	Overcast	2	0.48	Rain	Good	Open	Normal	Normal	Low	No	-	Yes	Clear	None	None	None	None	Clear	-	7	70	0	0	0	0	Sampled-Clean	Pass	30	2024	Dense vegetation
280972	Minor	P. Freeman	7/9/2019 12:28	Clear	2	0.48	Rain	Good	Open	Normal	Intermediate	Normal	No	-	Yes	Tannin	Algae	None	Musty	None	Slight	-	7	70	0	0	0	0	Sampled-Clean	Pass	60	2024	New outcall location, on private Sandy Ridge Pond.
280973	Minor	P. Freeman	10/8/2019 12:57	Clear	5	0.33	Rain	Good	Open	Normal	Normal	Low	No	-	Yes	Clear	None	None	None	None	Clear	-	7	68	0	0	0	0	Sampled-Clean	Pass	45	2024	
280977	Minor	P. Freeman	10/8/2019 8:58	Clear	5	0.33	Rain	Fair	Plugged	Normal	Intermediate	Low	Yes	Inspector	Yes	Clear	None	Garbage/T rash	None	None	Clear	-	7	52	0	0	0	0	Sampled-Clean	Pass	60	2024	Ravine is full of downed trees. Forgot to take current outfall photo.
280978	Minor	P. Freeman	10/8/2019 7:55	Clear	5	0.33	Rain	Good	Open	Normal	Normal	Low	No	-	Yes	Clear	None	None	None	None	Clear	272	7	48	0	0	0	0	Sampled-Clean	Pass	60	2024	
280979	Minor	P. Freeman	10/8/2019 6:45	Clear	5	0.33	Rain	Good	Open	Normal	Normal	Low	No	-	Yes	Clear	None	None	None	None	Clear	352	7	52	0	0	0	0	Sampled-Clean	Pass	60	2024	Photos taken.



Section 3

Illicit Discharge Detection and Elimination

Outfall Inspections – 2020

City of Green Bay
2020 Outfall Inspections

Facility ID	Outfall Type	Inspector	Inspection Date	Weather Condition	Last Precipitation Days	Quantity of Precipitation (in)	Precipitation Type	Overall Condition	Flow Condition	Structure Condition	Hydrologic Fluctuation	Water Level	Debris Present	Method of Removal	Flow Observed	Color	Biological	Floatables	Odor	Sedimentation (in)	Turbidity	Distance MH (ft)	pH	Temperature	Chlorine	Detergent	Phenols	Copper	Positive Hit	Inspection Result	Inspection Duration (min)	Next Inspection Year	Inspection Notes
280008	Minor	P. Freeman	6/8/2020	Overcast	3	0.22	Rain	Good	Open	Dismantled Joints	Normal	Low	No	-	Yes	Clear	None	None	None	None	Clear	-	7	60	0.0	0.0	0.0	0.0	No	Pass	50	2025	New picture taken. Dismantled, but still has a flow coming through outfall.
280013	Major	P. Freeman	8/3/2020	Cloudy	2	0.03	Rain	Good	Open	Normal	Normal	Low	No	-	Yes	Clear	None	None	None	None	Clear	-	7.1	68	0.0	0.0	0.0	0.0	No	Pass	45	2025	
280015	Major	P. Freeman	6/8/2020	Overcast	3	0.22	Rain	Good	Open	Normal	Normal	Normal	No	-	Yes	Clear	None	None	None	None	Clear	-	7.1	62	0.0	0.0	0.0	0.0	No	Pass	45	2025	New picture taken.
280039	Major	P. Freeman	6/29/2020	Clear	1	0.16	Rain	Good	Open	Normal	Normal	Normal	Yes	Inspector	Yes	Clear	None	Garbage\ Trash	None	None	Clear	104	7.1	67	0.0	0.0	0.0	0.0	No	Pass	40	2025	
280044	Major	P. Freeman	6/8/2020	Overcast	3	0.22	Rain	Good	Open	Normal	Normal	Low	No	-	Yes	Clear	Algae	None	None	None	Clear	-	7.1	62	0.0	0.0	0.0	0.0	No	Pass	50	2025	
280045	Minor	P. Freeman	6/8/2020	Overcast	3	0.22	Rain	Good	Open	Normal	Normal	Low	No	-	Yes	Clear	None	None	None	None	Clear	-	7.2	62	0.0	0.0	0.0	0.0	No	Pass	45	2025	
280046	Major	P. Freeman	6/8/2020	Overcast	3	0.22	Rain	Good	Open	Normal	Normal	Dry	No	-	No	-	None	None	-	None	-	-	-	-	-	-	-	-	No	Pass	30	2025	Looked at Superior Road Pond too Call Jennifer McCartney about the condition of the pond.
280047	Minor	P. Freeman	6/8/2020	Overcast	3	0.22	Rain	Good	Open	Normal	Normal	Low	No	-	Yes	Clear	None	None	None	None	Clear	-	7.1	60	0.0	0.0	0.0	0.0	No	Pass	45	2025	Removed two sandbags from outfall.
280060	Minor	P. Freeman	7/13/2020	Clear	4	0.57	Rain	Good	Open	Normal	Normal	Dry	No	-	No	-	None	None	-	Slight 1-3	-	-	-	-	-	-	-	-	No	Pass	30	2025	
280061	Major	P. Freeman	7/13/2020	Clear	4	0.57	Rain	Good	Open	Normal	Normal	Dry	No	-	No	-	None	None	-	Slight 1-3	-	-	-	-	-	-	-	-	No	Pass	30	2025	
280062	Major	P. Freeman	7/13/2020	Clear	4	0.57	Rain	Good	Open	Normal	Normal	High	No	-	Yes	Clear	Algae	None	None	None	Clear	-	7.1	68	0.0	0.0	0.0	0.0	No	Pass	60	2025	
280063	Major	P. Freeman	7/13/2020	clear	4	0.57	Rain	Good	Open	Normal	Normal	High	No	-	Yes	Clear	None	None	None	None	Clear	-	7.1	69	0.0	0.0	0.0	0.0	No	Pass	120	2025	Resident had concerns.
280100	Major	P. Freeman	5/6/2020	Clear	5	0.09	Rain	Good	Open	Normal	Normal	Normal	No	-	No	-	None	None	-	Slight (1-3")	Slight	-	-	-	-	-	-	-	Sampled-Clean	Pass	10	2025	Brief look at and sediment wash from construction sites
280101	Major	P. Freeman	5/11/2020	Partly Cloudy	1	0.03	Rain	Good	Open	Normal	Normal	High	No	-	Yes	Clear	None	None	None	None	Clear	534	7.2	55	0.0	0.0	0.0	0.0	No	Pass	50	2025	POI MH 10558 is typically used but instead used POI MH 4436, water level was high at MH 10558
280102	Minor	P. Freeman	5/6/2020	Clear	5	0.09	Rain	Good	Open	Normal	Normal	Dry	No	-	No	-	None	None	-	None	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	10	2025	Brief looked at, check sewer line on GIS
280103	Major	P. Freeman	5/11/2020	Partly Cloudy	1	0.03	Rain	Good	Open	Normal	Normal	High	No	-	Yes	Clear	None	None	None	None	Clear	349	7.2	56	0.0	0.0	0.0	0.0	No	Pass	55	2025	
280110	Major	P. Freeman	5/12/2020	Clear	2	0.03	Rain	Good	Open	Normal	Normal	High	No	-	Yes	Clear	None	None	None	None	Clear	195.5	7	50	0.0	0.20	0.0	0.0	Yes	Action Taken	120	2025	Positive hit of Chlorine, followed upstream MHs, source between WS Garage & 16th Street.
280114	Major	P. Freeman	5/26/2020	Overcast	2	0.16	Rain	Good	Open	Normal	Normal	High	No	-	Yes	Clear	None	None	Musty	None	Clear	72.9	7.2	60	0.0	0.0	0.0	0.0	No	Pass	45	2025	
280126	Major	P. Freeman	5/6/2020	Clear	5	0.09	Rain	Good	Open	Normal	Normal	High	No	-	Yes	Clear	None	None	None	None	Clear	187	7.2	52	0.0	0.0	0.0	0.0	No	Pass	40	2025	Outfall submerged
280152	Major	P. Freeman	4/28/2020	Cloudy	1	0.26	Rain	Good	Open	Normal	Normal	High	Yes	Inspector	Yes	Clear	None	Garbage\ Trash	None	Slight 1-3	Clear	236.2	7.0	67	0.0	0.0	0.0	0.0	No	Pass	25	2025	High water, sampled POI MH FID 5328.
280154	Major	P. Freeman	4/28/2020	Cloudy	1	0.26	Rain	Good	Open	Normal	Normal	High	Yes	Inspector	Yes	Clear	None	Garbage\ Trash	None	None	Clear	35	7.1	67	0.0	0.0	0.0	0.0	No	Pass	40	2025	High river water, sampled POI MH 5814 (Main & St. George).
280156	Major	P. Freeman	4/28/2020	Cloudy	1	0.26	Rain	Good	Open	Normal	Normal	High	Yes	Inspector	Yes	Tannin	None	Garbage\ Trash	None	Slight 1-3	Clear	111.68	7.2	67	0.0	0.0	0.0	0.0	No	Pass	45	2025	N. Jackson St. under construction (2020).
280158	Major	P. Freeman	4/28/2020	Cloudy	1	0.26	Rain	Fair	Open	Normal	Normal	High	Yes	Inspector	Yes	Clear	None	Garbage\ Trash	None	Slight 1-3	Clear	1331.1	7.2	67	0.0	0.0	0.0	0.0	No	Pass	35	2025	N. Jackson St. under construction, POI MH 5305 (East) was sampled.
280180	Major	P. Freeman	5/4/2020	Cloudy	4	0.09	Rain	Good	Open	Normal	Normal	High	Yes	Inspector	Yes	Clear	None	Garbage\ Trash	None	None	Clear	170	7.2	65	0.0	0.0	0.0	0.0	No	Pass	45	2025	
280182	Major	P. Freeman	5/4/2020	Cloudy	4	0.09	Rain	Good	Open	Normal	Normal	High	Yes	Inspector	Yes	Clear	None	Garbage\ Trash	None	None	Clear	31	7.2	65	0.0	0.0	0.0	0.0	No	Pass	40	2025	
280184	Major	P. Freeman	4/28/2020	Cloudy	1	0.26	Rain	Fair	Open	Normal	Normal	High	No	-	No	-	None	Garbage\ Trash	None	Slight 1-3	Slight	306.4	7.2	65	0.0	0.0	0.0	0.0	No	Pass	35	2025	
280186	Major	P. Freeman	4/28/2020	Cloudy	1	0.26	Rain	Good	Open	Normal	Normal	High	No	-	Yes	Clear	None	None	None	None	Clear	82	7.2	68	0.0	0.0	0.0	0.0	No	Pass	45	2025	
280188	Major	P. Freeman	4/28/2020	Cloudy	1	0.26	Rain	Good	Open	Normal	Normal	High	No	-	Yes	Clear	None	None	None	Slight 1-3	Moderate	678.79	7.4	65	0.0	0.03	0.0	0.0	Yes	Positive-Action Level	30	2025	FID 5177 MH Quincy Avenue under construction, took POI MH 5193
280202	Minor	P. Freeman	5/4/2020	Partly Cloudy	4	0.09	Rain	Fair	Plugged	Normal	Normal	High	Yes	Inspector	Yes	Clear	None	Garbage\ Trash	None	Slight 1-3	Clear	24	7.1	-	0.0	0.0	0.0	0.0	Yes	Positive-Below Action Level	45	2025	MH full of water
280231	Major	P. Freeman	5/4/2020	Partly Cloudy	4	0.09	Rain	Good	Open	Normal	Normal	High	No	-	No	-	None	None	-	-	-	588	-	-	-	-	-	-	No	Pass	45	2025	
280237	Major	P. Freeman	5/4/2020	Partly Cloudy	4	0.09	Rain	Good	Open	Normal	Normal	High	No	-	Yes	Clear	None	None	None	None	Clear	139.5	7.2	65	0.0	0.0	0.0	0.0	No	Pass	60	2025	POI MH 5257 (Henry Street)
280239	Major	P. Freeman	5/4/2020	Partly Cloudy	4	0.09	Rain	Good	Open	Normal	Normal	Normal	No	-	No	-	-	-	-	-	-	-	-	-	-	-	-	-	No	Pass	20	2025	
280265	Minor	P. Freeman	7/20/2020	Partly Cloudy	1	0.08	Rain	Good	Open	Normal	Normal	Normal	No	-	Yes	Clear	None	None	None	None	Clear	-	7	69	0.0	0.0	0.0	0.0	No	Pass	45	2025	
280267	Major	P. Freeman	8/3/2020	Cloudy	2	0.03	Rain	Good	Open	Normal	Normal	Normal	Yes	Inspector	Yes	Clear	None	Garbage\ Trash	None	None	Clear	-	7	67	0.0	0.0	0.0	0.0	No	Pass	60	2025	
280269	Major	P. Freeman	8/3/2020	Cloudy	2	0.03	Rain	Good	Open	Normal	Normal	Normal	Yes	Inspector	Yes	Clear	None	Garbage\ Trash	None	None	Clear	-	7.1	68	0.0	0.0	0.0	0.0	No	Pass	60	2025	
280271	Minor	P. Freeman	8/3/2020	Cloudy	2	0.03	Rain	Good	Open	Normal	Normal	Dry	No	-	No	-	None	None	-	None	-	-	-	-	-	-	-	-	No	Pass	30	2025	
280306	Major	P. Freeman	6/8/2020	Overcast	3	0.22	Rain	Good	Open	Normal	Normal	Dry	No	-	No	-	None	None	-	None	-	-	-	-	-	-	-	-	No	Pass	20	2025	New picture taken.
280311	Major	P. Freeman	5/26/2020	Overcast	2	0.16	Rain	Fair	Plugged	Normal	Intermediate	Dry	No	-	No	-	-	-	-	-	-	432	-	-	-	-	-	-	No	Pass	20	2025	
280313	Major	P. Freeman	5/4/2020	Cloudy	4	0.17	Rain	Good	Open	Normal	Normal	High	No	-	Yes	Tannin	None	None	None	None	Clear	518	7.2	64	0.0	0.0	0.0	0.0	No	Pass	50	2025	Goose nesting near outfall
280315	Minor	P. Freeman	5/4/2020	Partly Cloudy	4	0.09	Rain																										

City of Green Bay
2020 Outfall Inspections

Facility ID	Outfall Type	Inspector	Inspection Date	Weather Condition	Last Precipitation Days	Quantity of Precipitation (in)	Precipitation Type	Overall Condition	Flow Condition	Structure Condition	Hydrologic Fluctuation	Water Level	Debris Present	Method of Removal	Flow Observed	Color	Biological	Floatables	Odor	Sedimentation (in)	Turbidity	Distance MH (ft)	pH	Temperature	Chlorine	Detergent	Phenols	Copper	Positive Hit	Inspection Result	Inspection Duration (min)	Next Inspection Year	Inspection Notes
280324	Minor	P. Freeman	7/20/2020	Partly Cloudy	1	0.08	Rain	Good	Open	Normal	Normal	Normal	No	-	Yes	Clear	None	None	None	None	Clear	-	7	69	0.0	0.0	0.0	0.0	No	Pass	50	2025	
280326	Minor	P. Freeman	7/20/2020	Partly Cloudy	1	0.08	Rain	Good	Open	Normal	Normal	Normal	No	-	Yes	Clear	None	None	None	None	Clear	-	7.1	67	0.0	0.0	0.0	0.0	No	Pass	45	2025	
280328	Minor	P. Freeman	7/22/2020	Partly Cloudy	4	0.08	Rain	Good	Plugged	Normal	Intermediate	Low	Yes	Inspector	Yes	Clear	None	Garbage\ Trash	None	Slight 1-3	Clear	-	7.1	65	0.0	0.0	0.0	0.0	No	Pass	30	2025	
280342	Major	P. Freeman	8/13/2020	Partly Cloudy	3	0.03	Rain	Good	Open	Normal	Normal	Normal	No	-	Yes	Clear	None	None	None	None	Clear	-	7.2	67	0.0	0.0	0.0	0.0	No	Pass	45	2025	August 13, 2020-a lot of poison ivy.
280351	Minor	P. Freeman	8/3/2020	Cloudy	2	0.03	Rain	Good	Open	Normal	Normal	Dry	Yes	Inspector	No	-	None	Garbage\ Trash	-	None	-	-	-	-	-	-	-	-	No	Pass	20	2025	Pine Acres Estates Pond, Home Building debris around.
280356	Major	P. Freeman	6/8/2020	Overcast	3	0.22	Rain	Good	Open	Normal	Normal	Normal	No	-	Yes	Clear	None	None	None	None	Clear	-	7	62	0.0	0.0	0.0	0.0	No	Pass	50	2025	New picture taken.
280358	Major	P. Freeman	6/1/2020	Cloudy	4	1.75	Rain	Fair	Open	Normal	Intermediate	Low	No	-	No	-	None	None	-	None	-	-	-	-	-	-	-	-	No	Pass	30	2025	
280364	Major	P. Freeman	6/1/2020	Cloudy	4	1.75	Rain	Good	Open	Normal	Intermediate	Low	No	-	Yes	Clear	None	None	None	None	Clear	318	7.2	60	0.0	0.0	0.0	0.0	No	Pass	60	2025	Saw outfall from highway, took sample at FID MH 8438.
280391	Minor	P. Freeman	6/1/2020	Overcast	4	1.75	Rain	Fair	Plugged	Normal	Normal	Low	Yes	Inspector	No	-	None	Garbage\ Trash	-	Slight 1-3	-	-	-	-	-	-	-	-	No	Pass	25	2025	Phargmities, no new picture
280393	Minor	P. Freeman	6/1/2020	Overcast	4	1.75	Rain	Fair	Plugged	Normal	Normal	Low	Yes	Inspector	No	-	None	Garbage\ Trash	-	Slight 1-3	-	-	-	-	-	-	-	-	No	Pass	25	2025	Phargmities, no new picture
280395	Minor	P. Freeman	6/1/2020	Cloudy	4	1.75	Rain	Fiar	Plugged	Normal	Normal	Low	No	-	No	-	None	None	-	Slight 1-3	-	-	-	-	-	-	-	-	No	Pass	20	2025	Phargmities, no new picture
280397	Minor	P. Freeman	6/1/2020	Cloudy	4	1.75	Rain	Fair	Plugged	Normal	Intermediate	Low	No	-	No	-	None	None	-	Slight 1-3	-	-	-	-	-	-	-	-	No	Pass	25	2025	Phragmities, no new picture
280399	Minor	P. Freeman	6/1/2020	Cloudy	4	1.75	Rain	Fair	Plugged	Normal	Intermediate	Low	No	-	No	-	None	None	-	Slight 1-3	-	-	-	-	-	-	-	-	No	Pass	30	2025	Phargmities, no new picture
280403	Major	P. Freeman	6/9/2020	Overcast	4	0.22	Rain	Good	Open	Normal	Normal	Low	Yes	Inspector	Yes	Clear	None	Garbage\ Trash	None	None	Clear		7.1	60	0.0	0.0	0.0	0.0	No	Pass	45	2025	
280413	Major	P. Freeman	6/9/2020	Overcast	4	0.22	Rain	Good	Plugged	Normal	Excessive	Low	No	-	Yes	Clear	None	None	None	None	Clear	348	7.1	62	0.0	0.0	0.0	0.0	No	Pass	60	2025	FID MH 7186 was full, went to FID MH 7203, intersection of Jenny Lane & Rothe Street.
280417	Major	P. Freeman	6/9/2020	Overcast	4	0.22	Rain	Good	Open	Normal	Normal	Normal	Yes	Inspector	Yes	Clear	None	Garbage\ Trash	Musty	None	Clear	-	7.1	62	0.0	0.0	0.0	0.0	No	Pass	50	2025	Use FID MH 7167 for POI, if you can't sample at the outfall.
280419	Minor	P. Freeman	6/9/2020	Overcast	4	0.22	Rain	Good	Plugged	Normal	Intermediate	Dry	Yes	Inspector	No	-	None	Garbage\ Trash	-	Slight 1-3	-	-	-	-	-	-	-	-	No	Pass	30	2025	
280435	Major	P. Freeman	7/13/2020	Clear	4	0.57	Rain	Good	Open	Normal	Normal	Normal	No	-	Yes	Clear	Algae	None	Musty	None	Slight	-	7.1	66	0.0	0.0	0.0	0.0	No	Pass	55	2025	
280484	Major	P. Freeman	6/2/2020	Clear	1	0.18	Rain	Good	Open	Normal	Excessive	Normal	No	-	Yes	Tannin	None	None	None	None	Moderate	-	7	64	0.0	0.0	0.0	0.0	No	Pass	60	2025	Very tannin, so I followed the flow upstream, but found nothing.
280494	Major	P. Freeman	6/8/2020	Overcast	3	0.22	Rain	Good	Open	Normal	Normal	Low	No	-	Yes	Clear	None	None	None	None	Clear	-	7	60	0.0	0.0	0.0	0.0	No	Pass	60	2025	New picture taken. A Gabion basket had broke about 50' from outfall and on south side. See full insepction report on June 10, 2020
280496	Major	P. Freeman	6/8/2020	Overcast	3	0.22	Rain	Good	Open	Normal	Normal	Normal	No	-	Yes	Clear	None	None	None	None	Clear	-	7.1	60	0.0	0.0	0.0	0.0	No	Pass	45	2025	New picture taken.
280544	Major	P. Freeman	5/6/2020	Clear	5	0.09	Rain	Good	Open	Normal	Normal	Low	No	-	Yes	Clear	None	None	None	None	Clear	-	7.2	54	0.0	0.0	0.0	0.0	No	Pass	40	2025	
280545	Minor	P. Freeman	5/6/2020	Clear	5	0.09	Rain	Good	Open	Normal	Normal	High	No	-	Yes	Clear	None	None	None	None	Clear	-	7.2	50	0.0	0.0	0.0	0.0	No	Pass	40	2025	
280574	Major	P. Freeman	5/27/2020	Overcast	3	0.16	Rain	Good	Open	Normal	Normal	Normal	No	-	Yes	Clear	None	None	None	None	Clear	20	7.1	62	0.0	0.0	0.0	0.0	No	Pass	45	2025	New Wolf Pack Pond
280576	Major	P. Freeman	5/27/2020	Overcast	3	0.16	Rain	Good	Open	Normal	Normal	Normal	No	-	Yes	Clear	None	None	None	None	Clear	33	7.1	62	0.0	0.0	0.0	0.0	No	Pass	40	2025	New Wolf Pack Pond
280581	Major	P. Freeman	5/26/2020	Overcast	2	0.16	Rain	Good	Open	Normal	Normal	High	No	-	Yes	Clear	Algae	None	Musty	None	Clear	46	7.2	62	0.0	0.0	0.0	0.0	No	Pass	50	2025	
280593	Major	P. Freeman	5/11/2020	Clear	1	0.03	Rain	Good	Open	Normal	Normal	High	No	-	Yes	Clear	None	None	None	None	Clear	-	7.2	50	0.0	0.0	0.0	0.0	No	Pass	120	2025	MH buried about 8-10" below gravel
280594	Major	P. Freeman	5/11/2020	Partly Cloudy	1	0.03	Rain	Fair	Open	Normal	Normal	Very High	Yes	Inspector	Yes	Clear	None	Garbage\ Trash	None	Slight 1-3	Clear	139	7.1	56	0.0	0.0	0.0	0.0	No	Pass	45	2025	Submerged outfall, POI MH 4247
280595	Major	P. Freeman	5/11/2020	Partly Cloudy	1	0.03	Rain	Fair	Plugged	Normal	Excessive	High	Yes	Inspector	No	Clear	None	Dead Vegetati	None	Slight 1-3	Clear	-	-	-	-	-	-	-	No	Pass	20	2025	Water level high
280958	Major	P. Freeman	5/26/2020	Overcast	2	0.16	Rain	Fair	Open	Normal	Intermediate	Dry	No	-	No	-	-	-	-	Slight 1-3	-	25	-	-	-	-	-	-	No	Pass	25	2025	
280959	Major	P. Freeman	5/6/2020	Clear	5	0.17	Rain	Good	Open	Normal	Normal	High	No	-	Yes	Clear	None	None	None	None	Clear	304	7.2	54	0.0	0.0	0.0	0.0	No	Pass	45	2025	
280961	Major	P. Freeman	5/26/2020	Overcast	2	0.16	Rain	Good	Open	Normal	Normal	Normal	Yes	Inspector	Yes	Clear	None	Garbage\ Trash	None	None	Clear	1210	7.2	60	0.0	0.0	0.0	0.0	No	Pass	45	2025	
280971	Major	P. Freeman	8/13/2020	Partly Cloudy	3	0.03	Rain	Good	Open	Normal	Normal	Normal	Yes	Inspector	Yes	Clear	None	Garbage\ Trash	None	None	Clear	-	7.1	68	0.0	0.0	0.0	0.0	No	Pass	45	2025	
280972	Minor	P. Freeman	8/3/2020	Cloudy	2	0.03	Rain	Fair	Plugged	Normal	Intermediate	Normal	No	-	Yes	Tannin	Algae	None	Musty	None	Slight	-	7	68	0.0	0.0	0.0	0.0	No	Pass	45	2025	Sand Ridge Estates Pond (Private), invasive plant species.
280975	Major	P. Freeman	6/16/2020	Clear	6	0.16	Rain	Good	Open	Normal	Normal	Normal	No	-	Yes	Clear	None	None	Musty	Slight 1-3	Clear	1769	7.1	64	0.0	0.0	0.0	0.0	No	Pass	90	2025	POI at FID MH 975, looked in FID MH 962 first.
280976	Major	P. Freeman	6/16/2020	Clear	6	0.16	Rain	Good	Open	Normal	Normal	Normal	No	-	Yes	Clear	None	None	Musty	Slight 1-3	Clear	1769	7.1	64	0.0	0.0	0.0	0.0	No	Pass	90	2025	POI at FID MH 975, looked in FID MH 962 first.
280980	Minor	P. Freeman	7/20/2020	Partly Cloudy	1	0.08	Rain	Good	Open	Normal	Intermediate	Normal	No	-	Yes	Clear	None	None	None	None	Clear	-	7	67	0.0	0.0	0.0	0.0	No	Pass	60	2025	Could not get to outfall, so sample was taken with extended sample pole from other side of creek.
280989	Major	P. Freeman	7/22/2020	Partly Cloudy	4	0.8	Rain	Good	Open	Normal	Normal	Dry	No	-	No	-	None	None	-	None	-	-	-	-	-	-	-	-	No	Pass	20	2025	
280990	Major	P. Freeman	5/6/2020	Clear	5	0.09	Rain	Good	Open	Normal	Normal	High	Yes	Inspector	Yes	Clear	None	Dead Vegetati	None	None	Clear	-	7.0	54	0.0	0.0	0.0	0.0	No	Pass	40	2025	
280992	Major	P. Freeman	5/6/2020	Clear	5	0.17	Rain	Good	Open	Normal	Normal	High	No	-	Yes	Clear	None	None	None	None	Clear	426	4.1	56	0.0	0.0	0.0	0.0	No	Pass	45	2025	
280993	Major	P. Freeman	6/2/2020	Clear	1	0.18	Rain	Fair	Open	Normal	Intermediate	Normal	No	-	Yes	Clear	None	None	None	Slight 1-3	Clear	-	7.1	62	0.0	0.0	0.0	0.0	No	Pass	45	2025	
280994	Major	P. Freeman	6/29/2020	Clear	1	0.16	Rain	Good	Open	Normal	Normal	Normal	No	-	No	-	None	None	-	None	-	12	-	-	-	-	-	-	No	Pass	50	2025	
280995	Major	P. Freeman	6/30/2020	Partly Cloudy	2	0.16	Rain	Good	Open	Normal	Normal	Low	No	-	Yes	Clear	None	None	None	None	Clear	404	7.1	66	0.0	0.0	0.0	0.0	No	Pass	120	2025	Good, call resident first to enter property to get to outfall.

City of Green Bay
2020 Outfall Inspections

Facility ID	Outfall Type	Inspector	Inspection Date	Weather Condition	Last Precipitation Days	Quantity of Precipitation (in)	Precipitation Type	Overall Condition	Flow Condition	Structure Condition	Hydrologic Fluctuation	Water Level	Debris Present	Method of Removal	Flow Observed	Color	Biological	Floatables	Odor	Sedimentation (in)	Turbidity	Distance MH (ft)	pH	Temperature	Chlorine	Detergent	Phenols	Copper	Positive Hit	Inspection Result	Inspection Duration (min)	Next Inspection Year	Inspection Notes
280996	Minor	P. Freeman	6/2/2020	Clear	1	0.18	Rain	Good	Open	Normal	Normal	Normal	No	-	Yes	Clear	None	None	None	None	Clear	-	7	64	0.0	0.0	0.0	0.0	No	Pass	50	2025	



Section 3

Illicit Discharge Detection and Elimination

Outfall Inspections – 2021

City of Green Bay
2021 Outfall Inspections

Facility ID	Outfall Type	Inspector	Inspection Date	Weather Condition	Last Precipitation Days	Quantity of Precipitation (in)	Precipitation Type	Overall Condition	Flow Condition	Structure Condition	Hydrologic Fluctuation	Water Level	Debris Present	Method of Removal	Flow Observed	Color	Biological	Floatable s	Odor	Sedimentation (in)	Turbidity	Distance MH (ft)	pH	Temperature	Chlorine	Detergent	Phenols	Copper	Positive Hit	Inspection Result	Inspection Duration (min)	Next Inspection Year	Inspection Notes	
280017	Major	K. O'Malley	10/27/2021	Cloudy	6	0.02	Rain	Fair	Open	Dismantled Joints	Normal	Dry	No	-	No	-	None	None	None	None	-	-	-	-	-	-	-	-	No	Structural Damage	10	2026	Joint offset/separated, tree on top of joint.	
280033	Minor	K. O'Malley	10/1/2021	Clear	7	0.12	Rain	Need Immediate Replacement	Plugged	Dismantled Joints	Normal	Normal	Yes	Inspector	Yes	Clear	None	None	None	None	Clear	64	6.3	68	0.00	0.03	0.00	0.00	Yes	Positive-Action Level	42	2022	To be sampled in 2022 due to undetermined source of detergent hit. No discharges observed in basin during canvassing of streets, inlets. Outfall structure joint separation, earth collapsed, possibly broken. Need to research to assess damage.	
280035	Minor	K. O'Malley	10/1/2021	Clear	7	0.12	Rain		Fair	Open	Dismantled Joints	Normal	Normal	Yes	Inspector	Yes	Clear	Algae	None	None	None	Clear	-	6	64	0.00	0.20	0.00	0.00	Yes	Positive-Action Level	65	2022	To be sampled in 2022 due to undetermined source of detergent hit. No discharges observed in basin during canvassing of streets, inlets.
280037	Minor	K. O'Malley	10/1/2021	Clear	7	0.12	Rain		Good	Open	Normal	Normal	Normal	No	-	Yes	Clear	None	None	None	None	Clear	225	6	43	0.00	0.40	0.00	0.00	Yes	Positive-Action Level	60	2022	To be sampled in 2022 due to undetermined source of detergent hit. No discharges observed in basin during canvassing of streets, inlets.
280050	Major	K. O'Malley	10/27/2021	Cloudy	6	0.02	Rain	Good	Open	Normal	Normal	Normal	Yes	Inspector	Yes	Clear	-	Dead Vegetation	None	None	Clear	-	6.8	52	0.00	0.40	0.00	0.00	Yes	Positive-Action Level	180	2022	Dead vegetation and some bubbles observed, riprap in front of outfall. Detergent 0.95 at MH 8475 with pungent smell, no color. 8480 tarred over, no flow observed at 8481 or 420706 (Aurora). Stopped at 2970 Greenbrier Rd to talk to business, no washing is performed at the site and no known illicit connections.	
280068	Minor	K. O'Malley	9/28/2021	Clear	4	0.12	Rain	Good	Open	Normal	Normal	High	No	-	No	Clear	None	None	None	None	Clear	100	6.9	62	0.00	0.00	0.00	0.00	No	Pass	60	2026	Some algae in pond	
280069	Minor	K. O'Malley	11/9/2021	Cloudy	11	0.06	Rain	Good	Plugged	Normal	Normal	Normal	Yes	Inspector	No	-	Algae	-	None	None	-	-	-	-	-	-	-	-	No	Maintenance Needed	15	2026	Picked up litter, need maintenance to remove grate to clean dead vegetation buildup.	
280070	Major	K. O'Malley	9/28/2021	Clear	4	0	Rain	Good	Plugged	Normal	Normal	Normal	Yes	Hand Crew-Operations	Yes	Clear	None	Dead Vegetation	None	Moderate	Slight	48	7	64	0.00	0.00	0.00	0.00	No	Maintenance Needed	100	2026	Outfall plugged by sediment and plant matter, presence of grate prevented cleaning. No flow from 9098, little flow from discharge structure.	
280074	Major	K. O'Malley	10/27/2021	Cloudy	6	0.02	Rain	Good	Open	Normal	Normal	High	No	-	Yes	Clear	None	Dead Vegetation	None	Slight	Clear	403	6.6	54	0.00	0.30	0.00	0.00	Yes	Positive-Action Level	80	2022	Slight blue color in receiving water.	
280082	Major	K. O'Malley	10/19/2021	Clear	7	0.1	Rain	Good	Plugged	Normal	Normal	Normal	Yes	Inspector	Yes	Clear	None	Dead Vegetation	None	Slight	Clear	50	-	-	-	-	-	-	No	Pass	15	2026	Some standing water at outfall, no flow observed from upstream.	
280086	Major	K. O'Malley	10/19/2021	Clear	7	0	Rain	Good	Open	Normal	Normal	Low	Yes	Inspector	No	-	None	None	None	Slight	-	-	-	-	-	-	-	-	No	Pass	5	2026	Grass starting to grow against grate	
280090	Major	K. O'Malley	10/19/2021	Clear	7	0.1	Rain	Good	Open	Normal	Normal	Low	Yes	Inspector	No	-	-	-	None	-	-	-	-	-	-	-	-	-	No	Pass	15	2026	Dense plant cover in front of structure	
280100	Major	K. O'Malley	11/8/2021	Clear	10	0.06	Rain	Good	Open	Normal	Normal	Normal	Yes	Inspector	No	Clear	Algae	None	None	None	Clear	127	-	-	-	-	-	-	No	Pass	20	2026	Standing water at outfall, no flow from MH	
280102	Minor	K. O'Malley	11/4/2021	Clear	6	0.06	Rain	Good	Open	Normal	Normal	Normal	Yes	Inspector	No	Clear	Bacteria	Dead Vegetation	None	None	Clear	-	-	-	-	-	-	-	No	Pass	10	2026	Abundance of litter around pond perimeter and near outfall.	
280318	Minor	K. O'Malley	11/9/2021	Overcast	11	0.06	Rain	Good	Open	Normal	Normal	Normal	Yes	Inspector	No	-	-	-	-	-	-	-	-	-	-	-	-	-	No	Pass	20	2026	Abundance of cut woody vegetation.	
280320	Minor	K. O'Malley	11/9/2021	Overcast	11	0.06	Rain	Fair	Open	Normal	Normal	Normal	No	-	No	-	-	-	-	-	-	-	-	-	-	-	-	-	No	Pass	10	2026	Abundance of cut woody vegetation.	
280350	Major	K. O'Malley	10/6/2021	Clear	2	0.02	Rain	Good	Open	Normal	Normal	Normal	No	-	No	Clear	None	Dead Vegetation	None	None	Clear	250	6.6	66	0.00	0.35	0.00	0.00	Yes	Positive-Action Level	105	2026	No car washing observed. Resident at 2730 Cormier Rd informed inspector that boat washing had occurred on Crestwood Springs Dr. Tested 66°F, pH 6.3, 0.4 for detergents at MH 855	
280360	Major	K. O'Malley	10/19/2021	Clear	7	0.1	Rain	Good	Open	Normal	Normal	Normal	No	-	Yes	Clear	None	Dead Vegetation	None	None	-	384	-	-	-	-	-	-	No	Pass	35	2026	Outfall partially inundated, observed no flow from upstream manhole 8417.	
280369	Major	K. O'Malley	10/19/2021	Clear	7	0.1	Rain	Good	Open	Normal	Normal	Normal	No	-	No	-	Algae	None	None	Slight	-	-	-	-	-	-	-	-	No	Pass	5	2026		
280384	Minor	K. O'Malley	10/19/2021	Clear	7	0.1	Rain	Good	Open	Normal	Normal	Normal	No	-	No	Tannin	None	None	None	None	-	-	-	-	-	-	-	-	No	Pass	10	2026		
280386	Minor	K. O'Malley	10/19/2021	Clear	7	0.1	Rain	Good	Open	Normal	Normal	Normal	No	-	No	Tannin	None	None	None	None	Clear	160	-	-	-	-	-	-	-	No	Pass	10	2026	Slightly beneath water level, no flow observed at upstream manhole.
280439	Minor	K. O'Malley	10/1/2021	Clear	7	0.12	Rain	Good	Open	Normal	Normal	Normal	Yes	Inspector	No	Clear	None	Dead Vegetation	None	None	Clear	90	-	-	-	-	-	-	-	No	Pass	10	2026	Concrete spillway fractured
280441	Major	K. O'Malley	10/1/2021	Clear	7	0.12	Rain	Fair	Plugged	Dismantled Joints	Normal	Normal	Yes	Hand Crew-Operations	No	Clear	None	None	Fishy	Moderate	Clear	-	-	-	-	-	-	-	No	Maintenance Needed	20	2026	separated joints, pipe approximately 15% filled with sand	
280487	Minor	K. O'Malley	11/9/2021	Cloudy	11	0.06	Rain	Good	Open	Normal	Normal	Normal	Yes	Inspector	Yes	Clear	Algae	Dead Vegetation	None	None	Clear	-	6.1	54	0.90	0.20	0.00	0.00	Yes	Positive-Action Level	90	2022	8773 indicated flow coming from Largo Ridge Dr. 10912 flow too low to sample. 10913 blocked by vehicle. 10914, 10915 dry.	
280489	Minor	K. O'Malley	11/9/2021	Cloudy	11	0.06	Rain	Good	Open	Normal	Normal	Normal	No	-	No	Clear	Algae	Dead Vegetation	None	None	Clear	-	-	-	-	-	-	-	No	Pass	10	2026	Vegetation against grate, not fully blocking outlet.	
280596	Major	K. O'Malley	11/8/2021	Clear	10	0.06	Rain	Fair	Open	Normal	Normal	Very High	No	-	No	-	-	-	-	-	-	5626	-	-	-	-	-	-	To be Sampled	Pass	80	2022	To be sampled in 2022 due to high water level. Standing water in MH 4498, 4488, 4482, 4423, 4370 (No flow from inlets). Canvassed basin, no evidence of non-stormwater flow in roads, inlets, etc.	
280957	Major	K. O'Malley	11/4/2021	Clear	6	0.06	Rain	Unknown	Open	Normal	Normal	High	Yes	Inspector	No	Clear	None	Dead Vegetation	None	Moderate	Clear	-	-	-	-	-	-	-	No	Pass	55	2026	Outfall completely inundated. Sewer 5982 exposed, broken/disjointed adjacent to MH 2414. No flow observed at the exposed sewer.	
280962	Major	K. O'Malley	11/4/2021	Clear	6	0.06	Rain	Good	Open	Normal	Normal	High	Yes	Inspector	No	Gray	None	Garbage/T rash	None	Moderate	Slight	1760	-	52	-	-	-	-	To be Sampled	Pass	90	2022	To be sampled in 2022 due to high water level. Standing water covering part of outfall pipe. MH 2397, 2401, 2405 inundated. From 2397 very slow flow of floatables appears to come from Donald St. car parked over 2411. Standing water but no flow observed from culvert and no discharge observed from canvassing inlets. Abundant litter. Will check back in 2022 due to high water levels.	
280981	Major	K. O'Malley	11/9/2021	Overcast	11	0.06	Rain	Good	Open	Normal	Normal	Normal	Yes	Hand Crew-Operations	Yes	Clear	Algae	Soaps/Suds	None	None	Clear	-	6.9	47	0.00	0.15	0.00	0.00	Yes	Positive-Action Level	60	2026	Cut tree and branches forming a dam/obstruction (1036 Aldine Ct). No flow observed into pond. No discharges observed in basin during canvassing of streets, inlets.	
280999	Major	K. O'Malley	10/19/2021	Clear	7	0.1	Rain	Good	Open	Normal	Normal	Dry	Yes	Inspector	No	-	-	-	-	-	-	-	-	-	-	-	-	-	No	Pass	15	2026	18" PVC and aluminum, contained rock barrier. Some autumn leaf litter and wood chips.	



Section 3

Illicit Discharge Detection and Elimination

Outfall Inspections – 2022

City of Green Bay
2022 Outfall Inspections

Facility ID	Outfall Type	Inspector	Inspection Date	Weather Condition	Last Precipitation Days	Quantity of Precipitation (in)	Precipitation Type	Overall Condition	Flow Condition	Structure Condition	Hydrologic Fluctuation	Water Level	Debris Present	Method of Removal	Flow Observed	Color	Biological	Floatables	Odor	Sedimentation (in)	Turbidity	Distance MH (ft)	pH	Temperature	Chlorine	Detergent	Phenols	Copper	Positive Hit	Inspection Result	Inspection Duration (min)	Next Inspection Year	Inspection Notes
72	Major	K. O'Malley	6/23/2022	Clear	8	0.74	Rain	Unknown	Plugged	Normal	Excessive	Low	Yes	Inspector	No	-	-	-	-	-	-	-	-	-	-	-	-	-	Sampled-Clean	Maintenance Needed	25	2027	Some water pooled behind sediment, no active flow to east. Abundant litter and decomposing vegetation. Needs to be dredged.
280003	Major	K. O'Malley	10/21/2022	Partly Cloudy	4	0.08	Rain	Good	Open	Normal	Normal	High	Yes	Inspector	Yes	Clear	None	Dead Vegetation	None	None	Clear	65	8	53	0.00	0.00	0.00	0.00	Sampled-Clean	Pass	30	2026	Some standing water at end of outfall. Some litter and leaf buildup behind grate
280012	Minor	K. O'Malley	7/7/2022	Cloudy	3	1.69	Rain	Good	Open	Normal	Normal	Normal	No	-	Yes	Clear	None	None	None	None	Clear	-	7	63	0.00	0.00	0.00	0.00	Sampled-Clean	Pass	35	2027	Easiest to access from mown path on property if possible - steep and densely vegetated hill over sewer.
280019	Major	K. O'Malley	9/1/2022	Partly Cloudy	3	0.01	Rain	Fair	Open	Dismantled Joint(s)	Intermediate	Normal	Yes	Inspector	Yes	Clear	None	None	None	Slight (1-3")	Clear	-	8	70	0.00	0.00	0.00	0.00	Sampled-Clean	Pass	38	2026	Light washout of steep, bare soil above and around outfall. Medium separation of first outfall joint, no sediment appears to be coming in from the joint separation yet.
280033	Minor	K. O'Malley	8/16/2022	Partly Cloudy	3	1.47	Rain	Need Immediate Replacement	Open	Dismantled Joint(s)	Intermediate	Normal	No	-	Yes	Clear	None	None	None	Slight (1-3")	Clear	64	7	67	0.00	0.00	0.00	0.00	Sampled-Positive Hit	Positive-Below Action Level	285	2027	Sampled at several outfalls upstream in an attempt to determine source, notes on separate map. No evidence of outdoor car washing in drainage area or flow to inlets. Continue to monitor the outfall for hits.
280035	Minor	K. O'Malley	8/17/2022	Partly Cloudy	4	1.47	Rain	Fair	Open	Dismantled Joint(s)	Normal	Normal	No	-	Yes	Clear	None	None	None	None	Clear	-	7	68	0.00	0.00	0.00	0.00	Sampled-Clean	Pass	34	2027	Joint offset and chipped, outfall piece askew so water flows more out the sothern side. Sampled with 280033 on 8/16 with detergent hit of 0.3 (67", 7.0 pH), no evidence of car washing or other flow to inlets. No hits on 8/17. will continue to monitor.
280037	Minor	K. O'Malley	8/17/2022	Clear	4	1.47	Rain	Good	Open	Normal	Normal	Normal	No	-	Yes	Clear	None	None	None	None	Clear	206	7	64	0.00	0.00	0.00	0.00	Sampled-Positive Hit	Positive-Below Action Level	140	2027	Sampled at several outfalls upstream in an attempt to determine source, notes on separate map. Appears to come from Black Wolf Run. No evidence of outdoor car washing in drainage area or flow to inlets. Continue to monitor the outfall for hits.
280052	Minor	K. O'Malley	10/11/2022	Clear	5	0.05	Rain	Fair	Open	Normal	Excessive	Low	Yes	Inspector	No	-	-	-	-	None	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	15	2027	Fabric visible in front of outfall where rock material washed out. Rearranged some riprap but should probably fill in holes.
280064	Minor	K. O'Malley	8/31/2022	Clear	2	0.01	Rain	Unknown	-	-	-	-	-	-	No	-	-	-	-	Slight (1-3")	-	60	-	-	-	-	-	-	Sampled-Clean	Pass	10	2026	Outfall inaccessible (fenced) and out of view. Upstream structure dry with some sediment in sump.
280066	Minor	K. O'Malley	8/9/2022	Clear	1	0.01	Rain	Good	Open	Normal	Normal	Dry	Yes	Inspector	No	-	-	-	-	Moderate (3-6")	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	8	2027	Dead vegetation and some sediment buildup in front of and behind grate. Will eventually need to complete sewer cleaning.
280071	Minor	K. O'Malley	10/11/2022	Partly Cloudy	5	0.05	Rain	Good	Open	Normal	Normal	Normal	Yes	Inspector	No	-	-	-	-	None	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	10	2027	Abundance of litter, unable to collect all due to density of woody vegetation.
280072	Minor	K. O'Malley	9/19/2022	Clear	7	0.89	Rain	Fair	Open	Normal	Normal	Low	Yes	Inspector	Yes	Clear	None	Dead Vegetation	Musty	Slight (1-3")	Slight	-	7	67	0.00	0.00	0.00	0.00	Sampled-Clean	Pass	33	2027	Channel downstream of outfall was dry, water was only pooled in a small pit in front of the outfall. Tree almost immediately in front of outfall, may need to be removed in future.
280092	Minor	K. O'Malley	10/11/2022	Clear	5	0.05	Rain	Poor	Open	Dismantled Joint(s)	Intermediate	Low	Yes	Inspector	No	-	-	None	-	None	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	15	2027	Suspect outfall is disjointed based on angle and holes/Washout above and below. Outfall also rotated to discharge more on west corner.
280094	Minor	K. O'Malley	5/24/2022	Partly Cloudy	3	0.01	Rain	Poor	Open	Dismantled Joint(s)	Normal	Normal	Yes	Inspector	No	Clear	None	Dead Vegetation	None	Slight (1-3")	Clear	-	-	-	-	-	-	-	Sampled-Clean	Structural Damage	12	2027	Exposed joint, joint separated/angled. Some standing water, not flowing. No flow from the PD upstream.
280143	Minor	K. O'Malley	9/16/2022	Cloudy	4	0.89	Rain	Unknown	-	-	Intermediate	-	-	-	No	-	-	-	-	Moderate (3-6")	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	20	2027	Outfall does not exist where it is indicated on GIS (up hill in GIS), suspect it may discharge to creek north. Sediment buildup in manhole should be cleaned. Some dampness in MH but no flow.
280146	Major	K. O'Malley	6/22/2022	Clear	7	0.74	Rain	Good	Open	Normal	Normal	Dry	Yes	Inspector	No	-	-	-	-	-	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	8	2027	
280147	Major	K. O'Malley	6/22/2022	Clear	7	0.74	Rain	Fair	Plugged	Normal	Normal	Dry	No	-	No	-	-	Dead Vegetation	-	Moderate (3-6")	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	8	2027	Lot of sediment/sand and dead vegetation behind grate that needs to get cleaned. Grate loose/not bolted in place.
280148	Major	K. O'Malley	6/22/2022	Clear	7	0.74	Rain	Poor	Open	Dismantled Joint(s)	Normal	Low	Yes	Inspector	No	-	-	Dead Vegetation	-	Moderate (3-6")	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	5	2027	Joint separated and offset. Grate offset/not bolted in. Grate needs to be removed to finish cleaning out dead vegetation and sediment.
280227	Major	K. O'Malley	8/31/2022	Partly Cloudy	2	0.01	Rain	Unknown	-	-	Normal	High	No	-	Yes	Clear	None	None	Musty		Clear	2094	7	70	0.00	0.00	0.00	0.00	Sampled-Clean	Pass	92	2026	Outfall inundated. MHs 6451, 518018, 10468 partly inundated. No flow from east or west at 518018. 6346 partly inundated/slight movement, no flow from east or west. Duckweed completely covering surface of creek water.
280233	Major	K. O'Malley	9/8/2022	Clear	5	0.69	Rain	Good	Open	Normal	Intermediate	High	No	-	Yes	Tannin	None	Dead Vegetation	Fishy	None	Slight	-	8	67	0.00	0.00	0.00	0.00	Sampled-Clean	Pass	68	2026	High water comes partially up pipe, MH covers on Mills st jammed so sampled at mouth of outfall. Could not determine sedimentation.
280235	Major	K. O'Malley	9/8/2022	Clear	5	0.69	Rain	Good	Open	Normal	Intermediate	High	Yes	Inspector	Yes	Tannin	None	Dead Vegetation	Musty	None	Slight	-	8	67	0.00	0.00	0.00	0.00	Sampled-Clean	Pass	68	2026	High water comes partially up pipe, MH cover at 6467 jammed so sampled at mouth of outfall. Could not determine sedimentation.
280241	Major	K. O'Malley	9/8/2022	Clear	5	0.69	Rain	Good	Open	Normal	Intermediate	High	Yes	Inspector	Yes	Tannin	None	Dead Vegetation	Musty	None	Slight	537	8	67	0.00	0.00	0.00	0.00	Sampled-Clean	Pass	68	2026	Flap gate at end of outfall appears closed. Outfall well concealed by woody vegetation. Creek water came up to pipe, so went up to nearest MH for sample. Creek water very opaque (turbid) and tannin, effluent in MH from east clear with some suspended sediment.
280242	Minor	K. O'Malley	9/8/2022	Clear	5	0.69	Rain	Good	Open	Normal	Intermediate	High	Yes	Inspector	Yes	Tannin	None	Dead Vegetation	Musty	None	Slight	75	8	67	0.00	0.00	0.00	0.00	Sampled-Clean	Pass	68	2026	Appeared some water was washing into pipe from wetland, but no flow through outfall. Dampness in upstream INL 24683 but no flow. Lot of duckweed in wetland.
280243	Major	K. O'Malley	9/8/2022	Clear	5	0.69	Rain	Good	Open	Normal	Intermediate	Normal	Yes	Inspector	Yes	Clear	None	None	None	Slight (1-3")	Clear	-	8	66	0.00	0.00	0.00	0.00	Sampled-Clean	Pass	43	2026	Outfall appeared to have some cracks/loose pieces at end of pipe.
280244	Minor	K. O'Malley	9/8/2022	Clear	5	0.69	Rain	Good	Open	Normal	Intermediate	High	Yes	Inspector	Yes	Tannin	None	Dead Vegetation	Musty	None	Slight	-	8	67	0.00	0.00	0.00	0.00	Sampled-Clean	Pass	68	2026	Occasional ponding at this outfall, does not directly discharge to creek due to grading unless pounding area overflows.
280321	Minor	K. O'Malley	7/26/2022	Clear	2	1.34	Rain	Good	Open	Normal	Normal	Normal	No	-	No	-	-	-	-	None	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	20	2027	Small crack/break in concrete at end of pipe. Grate secured but concrete edges starting to wear and chip. Abundance of thorny, woody vegetation above outfall and cattail in bank, but not obstructing.
280346	Major	K. O'Malley	7/7/2022	Overcast	3	1.69	Rain	Fair	Open	Normal	Normal	Normal	No	-	No	Clear	None	None	None	None	Clear	-	6	65	0.00	0.00	0.00	0.00	Sampled-Clean	Pass	50	2026	First sampled at culvert, 0.35 mg/L detergents. Confirmed hit from Beaver Dam creek flow and no flow from upstream of culvert at MH 937.
280348	Minor	K. O'Malley	7/7/2022	Overcast	3	1.69	Rain	Fair	Open	Normal	Intermediate	Normal	No	-	Yes	Clear	None	None	None	Moderate (3-6")	Clear	-	6	60	0.00	0.00	0.00	0.00	Sampled-Clean	Pass	55	2026	
280354	Minor	K. O'Malley	7/7/2022	Overcast	3	1.69	Rain	Good	Open	Normal	Normal	Normal	No	-	No	Clear	None	None	None	None	Clear	-	-	-	-	-	-	-	Sampled-Clean	Pass	15	2027	Some standing water at outfall and a little standing water upstream at MH 316. No flow from MH 313 further upstream. observed private direct discharge pipe to stream.
280371	Minor	K. O'Malley	8/4/2022	Clear	1	0.05	Rain	Fair	Open	Normal	Normal	Dry	Yes	Inspector	No	-	-	-	-	Moderate (3-6")	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	10	2027	Recently cut vegetation (phrag, other). Abundant dead vegetation in and around outfall.
280373	Minor	K. O'Malley	8/4/2022	Clear	1	0.05	Rain	Poor	Plugged	Normal	Normal	Dry	Yes	Hand Crew-Operations	No	-	-	-	-	Moderate (3-6")	-	-	-	-	-	-	-	-	Sampled-Clean	Maintenance Needed	15	2027	Only top few inches visible. Recently cut vegetation (phrag, other). Abundant dead vegetation in and around outfall.
280375	Minor	K. O'Malley	8/4/2022	Clear	1	0.05	Rain	Fair	Open	Normal	Normal	Dry	Yes	Inspector	No	-	-	-	-	Moderate (3-6")	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	12	2027	Recently cut vegetation (phrag, other). Abundant dead vegetation in and around outfall.
280377	Minor	K. O'Malley	8/4/2022	Clear	1	0.05	Rain	Good	Open	Normal	Normal	Dry	Yes	Inspector	No	-	-	-	-	Slight (1-3")	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	10	2027	Abundant litter. Mown ditch.
280379	Minor	K. O'Malley	8/4/2022	Clear	1	0.05	Rain	Good	Open	Normal	Normal	Dry	Yes	Inspector	No	-	-	-	-	Slight (1-3")	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	10	2027	Abundant litter
280383	Minor	K. O'Malley	10/17/2022	Overcast	1	0.08	Rain	Good	Open	Normal	Normal	Normal	No	-	Yes	Clear	None	Dead Vegetation	None	None	Clear	-	8	50	0.00	0.00	0.00	0.00	To be Sampled	Pass	25	2027	
280385	Major	K. O'Malley	7/15/2022	Overcast	3	0.42	Rain	Good	Open	Normal	Normal	Normal	No	-	No	Clear	None	Dead Vegetation	None	None	Clear	549	-	-	-	-	-	-	Sampled-Clean	Pass	19	2027	Some standing water at outfall, no water flowing from structures upstream. About 10-15 feet of top of pipe exposed approximately 25 feet southwest of outfall.
280387	Minor	K. O'Malley	6/22/2022	Clear	7	0.74	Rain	Fair	Plugged	Normal	Intermediate	Low	No	-	No	-	-	Dead Vegetation	-	Moderate (3-6")	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	12	2027	Grate needs to be removed to clean dead vegetation & sedimentation.
280389	Minor	K. O'Malley	7/15/2022	Overcast	3	0.42	Rain	Good	Open	Normal	Intermediate	Low	No	-	No	-	-	-	-	-	-	160	-	-	-	-	-	-	Sampled-Clean	Pass	8	2027	
280409	Major	K. O'Malley	7/26/2022	Clear	2	1.34	Rain	Good	Open	Normal	Intermediate	Low	No	-	No	-	-	-	-	Slight (1-3")	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	50	2027	Outfall much closer to freeway, could access where fence meets bridge or from freeway. Many fallen branches and small trees near outlet, but not currently obstructing flow. Red deposits at outfall. Puddles water past outlet turbid, clayey soil slightly eroded.
280415	Major	K. O'Malley	8/11/2022	Clear	2	0.01	Rain	Good	Open	Normal	Normal	High	No	-	Yes	Clear	None	None	None	Slight (1-3")	Clear	614	7	68	0.0	0.0	0.0	0.0	Sampled-Clean	Pass	45	2026	Hole in private fence for limited access. Standing water at outfall, MH 7179 partly inundated. Water coming from both South and east sewers clean.

City of Green Bay
2022 Outfall Inspections

Facility ID	Outfall Type	Inspector	Inspection Date	Weather Condition	Last Precipitation Days	Quantity of Precipitation (in)	Precipitation Type	Overall Condition	Flow Condition	Structure Condition	Hydrologic Fluctuation	Water Level	Debris Present	Method of Removal	Flow Observed	Color	Biological	Floatables	Odor	Sedimentation (in)	Turbidity	Distance MH (ft)	pH	Temperature	Chlorine	Detergent	Phenols	Copper	Positive Hit	Inspection Result	Inspection Duration (min)	Next Inspection Year	Inspection Notes
280421	Minor	K. O'Malley	6/29/2022	Clear	2	0.54	Rain	Unknown	Plugged	-	Normal	Normal	Yes	Inspector	No	-	-	-	-	-	-	-	-	-	-	-	-	-	Sampled-Clean	Maintenance Needed	20	2026	Could not locate outfall, no flow from sewer connected to upstream inlets. Operations confirmed outfall is buried in sediment and located ~30' away from GIS location, marked with stake. Contacted DOT to request dredging.
280423	Minor	K. O'Malley	6/29/2022	Clear	2	0.57	Rain	Unknown	Plugged	-	Normal	Normal	Yes	Inspector	No	-	-	-	-	-	-	-	-	-	-	-	-	-	Sampled-Clean	Maintenance Needed	20	2026	Could not locate outfall, no flow from sewer connected to upstream inlets. Operations confirmed outfall is buried in sediment. Contacted DOT to request dredging.
280427	Minor	K. O'Malley	8/18/2022	Clear	5	1.47	Rain	Unknown	-	-	-	-	-	-	No	-	-	-	-	-	-	263	-	-	-	-	-	-	Sampled-Clean	Pass	12	2027	Outfall fenced off. Open pipe at/near 7193 (concrete, some sediment buildup).
280429	Minor	K. O'Malley	8/18/2022	Clear	5	1.47	Rain	Unknown	-	-	-	-	-	-	No	-	-	-	-	-	-	181	-	-	-	-	-	-	Sampled-Clean	Pass	25	2027	Upstream MH 7177 and 7178 buried? No flow coming from upstream MH 7176 (completely dry) or 7180 (Slight dampness and some sediment buildup).
280433	Minor	K. O'Malley	8/18/2022	Clear	5	1.47	Rain	Unknown	-	-	-	-	-	-	No	-	-	-	-	-	-	484	-	-	-	-	-	-	Sampled-Clean	Pass	30	2027	Some standing water in front of culvert but no flow. Could not locate outfall pipe, very dense vegetation. Try checking early in year for better visibility. No flow from upstream manhole.
280462	Minor	K. O'Malley	6/2/2022	Clear	5	0.01	Rain	Good	Open	Normal	Normal	Normal	No	-	Yes	Clear	None	None	None	None	Clear	-	7	58	0.00	0.00	0.00	0.00	Sampled-Clean	Positive-Below Action Level	40	2027	Water dripping very slowly from outfall
280464	Major	K. O'Malley	6/1/2022	Partly Cloudy	4	0.01	Rain	Good	Open	Normal	Normal	Normal	Yes	Hand Crew-Operations	Yes	Clear	None	Dead Vegetation	None	None	Clear	307	7	59	0.00	0.00	0.00	0.00	Sampled-Clean	Positive-Below Action Level	50	2027	Large metal grate in stream near outfall. Makeshift metal bridge across stream. Outfall partly inundated. Flow to MH 8704 from direction of cul de sac, no outdoor discharges observed.
280466	Minor	K. O'Malley	6/1/2022	Partly Cloudy	4	0.01	Rain	Fair	Open	Dismantled Joint(s)	Normal	Low	Yes	Inspector	No	-	-	-	-	-	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	9	2027	Yard waste dumping near road by outfall
280467	Minor	K. O'Malley	6/1/2022	Partly Cloudy	4	0.01	Rain	Fair	Open	Dismantled Joint(s)	Normal	Normal	Yes	Inspector	No	-	-	-	-	-	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	5	2026	Concrete structure outfall is adjacent to is cracked, grate often removed from structure.
280468	Minor	K. O'Malley	6/1/2022	Partly Cloudy	4	0.01	Rain	Good	Open	Normal	Normal	Normal	Yes	Inspector	Yes	Clear	Algae	None	None	None	Clear	-	7	58	0.00	0.00	0.00	0.00	Sampled-Clean	Positive-Below Action Level	28	2026	3' x 17" pipe
280470	Minor	K. O'Malley	6/2/2022	Clear	5	0.01	Rain	Good	Open	Normal	Normal	Normal	Yes	Inspector	Yes	Clear	None	None	None	None	Clear	-	7	59	0.00	0.00	0.00	0.00	Sampled-Clean	Positive-Below Action Level	48	2027	
280472	Minor	K. O'Malley	8/31/2022	Clear	2	0.01	Rain	Good	Open	Dismantled Joint(s)	Normal	Normal	Yes	Inspector	Yes	Clear	None	None	None	None	Clear	-	8	64	0.00	0.00	0.00	0.00	Sampled-Clean	Pass	45	2027	First joint appears slightly offset, see photos.
280474	Minor	K. O'Malley	9/19/2022	Clear	7	0.89	Rain	Fair	Open	Normal	Normal	Dry	Yes	Inspector	No	-	-	Dead Vegetation	None	Moderate (3-6")	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	10	2027	Large piles of dead tree brush blocking easement and directly downstream of outfall, most of which should be removed. Some standing water in outfall pipe trapped behind sediment, but no flow from upstream structures.
280476	Minor	K. O'Malley	9/19/2022	Clear	7	0.89	Rain	Fair	Open	Normal	Intermediate	Normal	Yes	Hand Crew-Operations	No	-	-	Dead Vegetation	None	None	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	12	2027	Apron fallen off of pipe, some washout under end of pipe and apron section. Buildup of woody debris (beaver dam?) and tire in creek. Large fallen tree downstream.
280480	Minor	K. O'Malley	9/16/2022	Clear	4	0.89	Rain	Unknown	Open	Normal	Normal	Normal	No	-	Yes	Clear	None	None	None	None	Clear	65	8	70	0.00	0.00	0.00	0.00	Sampled-Clean	Pass	28	2026	Outfall not visible, behind fence and only accessible by highway. Sampled at upstream manhole, flow from east.
280482	Minor	K. O'Malley	10/11/2022	Cloudy	5	0.05	Rain	Fair	Open	Corrosion	Normal	Normal	No	-	Yes	Clear	None	None	None	None	Clear	-	7	60	0.00	0.00	0.00	0.00	To be Sampled	Pass	40	2027	Metal apron almost entirely broken off/corroded, small gap under end of pipe. Apron should be removed and possibly replaced.
280486	Minor	K. O'Malley	7/26/2022	Cloudy	2	1.34	Rain	Good	Open	Normal	Normal	Normal	Yes	Inspector	Yes	Clear	None	None	None	None	Clear	-	6	60	0.00	0.00	0.00	0.00	Sampled-Positive Hit	Positive-Below Action Level	45	2027	Additional corrugated plastic drain next to outfall (active). Could not remove all debris - loose rock caused small rockside.
280487	Minor	K. O'Malley	8/11/2022	Clear	2	0.01	Rain	Good	Open	Normal	Normal	Normal	No	-	Yes	Clear	None	None	None	None	Clear	-	6	66	0.00	0.00	0.00	0.00	Sampled-Positive Hit	Positive-Action Level	98	2027	Flow from both the eastern and southern sewers at first upstream MH 8773, significantly more from the southern. Water too high to get isolated sample of each sewer. Flow at MH 8783 too low to sample, MH 8839 just slight dampness. Flow at MH 10912 too low to sample, just dampness at MH 10913, 10914, and 10916. No overland flow to sewers throughout the outfalls basin. Called to inform Matt, will follow up with Dave to check sewer connections with camera within the next couple weeks.
280488	Minor	K. O'Malley	8/11/2022	Clear	2	0.01	Rain	Fair	Open	Corrosion	Intermediate	Normal	Yes	Hand Crew-Operations	Yes	Clear	None	None	None	None	Clear	-	6	62	0.00	1.00	0.00	0.00	Sampled-Positive Hit	Positive-Action Level	46	2027	Very slow trickle of water at outfall sampled. Inspected MH 8729, found the inlet pipe to be damp and the bottom to have a little water, but not actively flowing. No outdoor car washing or evident discharges of water to inlets, possibly either old discharge from car washing or possible illicit connection from either 3302 or 3303 Sonata Drive. Called to inform Matt, was instructed to make note of hit but to not contact inspections to investigate further.
280490	Minor	K. O'Malley	8/11/2022	Clear	2	0.01	Rain	Fair	Open	Normal	Intermediate	Normal	Yes	Inspector	No	-	-	-	-	Moderate (3-6")	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	10	2027	To access, go South past guardrail and go into trendline, a sort of (drainage) path goes down to outfall. Significant sedimentation and branches piled up near outfall. stream very rusty red in color.
280491	Major	K. O'Malley	8/11/2022	Clear	2	0.01	Rain	Good	Open	Dismantled Joint(s)	Normal	Low	No	-	Yes	Clear	None	None	Fishy	None	Clear	-	7	75	0.00	0.00	0.00	0.00	Sampled-Positive Hit	Positive-Below Action Level	35	2026	Grate completely separated from outfall. First joint separated (medium). Plants/small tree growing in front of outfall. Addressing detergent hit with outfall sampling completed at 280487.
280500	Major	K. O'Malley	8/10/2022	Partly Cloudy	1	0.01	Rain	Good	Open	Normal	Intermediate	Normal	Yes	Inspector	Yes	Clear	None	None	None	None	Clear	-	7	67	0.00	0.00	0.00	0.00	Sampled-Positive Hit	Positive-Action Level	85	2027	Inspected MH 7398, found flow coming from northern sewer but none from southeastern (only dampness). Sampled again at MH 7392, no Chlorine hit (66", 6.4 pH). MH 7418 and 7429 covers could not be removed.
280506	Major	K. O'Malley	9/8/2022	Clear	5	0.69	Rain	Good	Open	Normal	Intermediate	Normal	No	-	Yes	Clear	None	Dead Vegetation	None	Slight (1-3")	Clear	172	8	67	0.00	0.00	0.00	0.00	Sampled-Clean	Pass	68	2026	Appears to be new, recorded size is wrong (corrugated plastic, circular, 48"). Flow at 10213 too low to sample, coming from west. Conversation with interested resident about outfall sampling.
280508	Minor	K. O'Malley	9/19/2022	Clear	7	0.89	Rain	Good	Open	Normal	Intermediate	Normal	No	-	Yes	Clear	None	None	None	None	Clear	-	8	63	0.00	0.00	0.00	0.00	Sampled-Clean	Positive-Below Action Level	46	2027	
280519	Minor	K. O'Malley	8/18/2022	Clear	5	1.47	Rain	Unknown	-	-	-	-	-	-	No	-	-	-	-	-	-	44	-	-	-	-	-	-	Sampled-Clean	Pass	20	2027	Outfall behind fence, vegetation blocking view. Upstream inlets 18214 and 18215 were dry. Try checking early in year for better visibility.
280521	Minor	K. O'Malley	6/2/2022	Partly Cloudy	5	0.01	Rain	Good	Open	Normal	Intermediate	Normal	Yes	Inspector	Yes	Clear	None	Dead Vegetation	None	None	Clear	-	7	52	0.00	0.00	0.00	0.00	Sampled-Clean	Pass	45	2027	Grate bars slightly bent
280523	Minor	K. O'Malley	8/18/2022	Clear	5	1.47	Rain	Fair	Plugged	Normal	Normal	High	No	-	Yes	Clear	None	Dead Vegetation	Musty	Moderate (3-6")	Slight	-	6	69	0.00	0.00	0.00	0.00	Sampled-Clean	Pass	37	2027	Slightly inundated with standing water, downstream flow blocked by buildup of phragmites. Phrag plant matter in bottom of 19192, slow flow coming from 19196.
280525	Minor	K. O'Malley	8/5/2022	Clear	2	0.54	Rain	Good	Open	Dismantled Joint(s)	Normal	Dry	Yes	Inspector	No	-	-	-	-	-	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	11	2027	Offset joint, seal intruding and soil spilling into sewer. (sand, rocks, & red clayey)
280527	Minor	K. O'Malley	8/5/2022	Clear	2	0.54	Rain	Fair	Open	Normal	Normal	Normal	No	-	Yes	Clear	None	Dead Vegetation	None	Moderate (3-6")	Clear	60	7	62	0.00	0.00	0.00	0.00	Sampled-Clean	Pass	12	2027	Biofilm on top of water. Outfall mostly inundated and appears stagnate, sampled from flow into inlet 19205.
280529	Minor	K. O'Malley	8/5/2022	Clear	2	0.54	Rain	Poor	Plugged	Normal	Normal	Low	No	-	No	Clear	None	Dead Vegetation	None	Moderate (3-6")	-	-	-	-	-	-	-	-	Sampled-Clean	Maintenance Needed	15	2027	Standing water at outfall and at the two inlets upstream, no discharge into inlets. Abundant vegetation/phragmites in front and around outfall. High sediment, needs to be dredged.
280531	Minor	K. O'Malley	9/16/2022	Cloudy	4	0.89	Rain	Unknown	-	-	-	-	-	-	Yes	Clear	None	None	None	-	Clear	15	8	64	0.00	0.00	0.00	0.00	Sampled-Clean	Pass	27	2026	Outfall not where shown in GIS (flow in MH from west, but no pipe visible going South aside from the PVC inlet pipe), could not find. Need to locate.
280534	Minor	K. O'Malley	9/8/2022	Clear	5	1.7	Rain	Unknown	-	-	Normal	Normal	No	-	Yes	Clear	None	Dead Vegetation	Musty	None	Clear	38	8	70	0.00	0.00	0.00	0.00	Sampled-Clean	Pass	25	2026	Could not locate outfall in dense phragmites, need to remove phrag or try check backing in early spring.
280543	Major	K. O'Malley	8/18/2022	Partly Cloudy	5	1.47	Rain	Good	Open	Normal	Normal	Normal	No	-	Yes	Clear	None	None	None	Slight (1-3")	Clear	28.0	7.0	72	0.00	0.00	0.00	0.00	Sampled-Clean	Pass	45	2026	Water flowing back up outfall? MH 10738 jammed.
280546	Minor	K. O'Malley	8/18/2022	Partly Cloudy	5	1.47	Rain	Fair	Open	Normal	Normal	High	Yes	Inspector	Yes	Clear	Algae	Garbage/Trash	Musty	Slight (1-3")	Slight	304.0	8.0	72	0.00	0.00	0.00	0.00	Sampled-Positive Hit	Pass	60	2026	Outfall was inundated, as were main lines in structures 11070, 17339. No flow from apartment inlets. Found that water utility was flushing hydrants, likely source of the trace chlorine.
280548	Major	K. O'Malley	8/18/2022	Partly Cloudy	5	1.47	Rain	Good	Open	Normal	Intermediate	Normal	Yes	Inspector	Yes	Clear	None	None	Musty	None	Clear	-	7	72	0.00	0.00	0.00	0.00	Sampled-Clean	Pass	32	2026	Duck bill check valve appears to be curled to the side and a small chunk is broken off the bottom, but does not appear to interfere with function. Some erosion up slope and animal burrows around.

City of Green Bay
2022 Outfall Inspections

Facility ID	Outfall Type	Inspector	Inspection Date	Weather Condition	Last Precipitation Days	Quantity of Precipitation (in)	Precipitation Type	Overall Condition	Flow Condition	Structure Condition	Hydrologic Fluctuation	Water Level	Debris Present	Method of Removal	Flow Observed	Color	Biological	Floatables	Odor	Sedimentation (in)	Turbidity	Distance MH (ft)	pH	Temperature	Chlorine	Detergent	Phenols	Copper	Positive Hit	Inspection Result	Inspection Duration (min)	Next Inspection Year	Inspection Notes
280565	Minor	K. O'Malley	8/17/2022	Clear	3	1.47	Rain	Good	Open	Normal	Normal	Dry	Yes	Inspector	No	-	-	-	-	Slight (1-3")	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	10	2027	Further south than indicated by the sewer, get to stream bed to see, it's hidden by some low hanging trees.
280567	Minor	K. O'Malley	6/22/2022	Clear	7	0.74	Rain	Fair	Open	Dismantled Joint(s)	Normal	Normal	Yes	Inspector	No	-	-	-	-	None	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	10	2027	Some sedimentation in pipe (<0.25") and joint separation. On rainy days water will flow out of separation and cause erosion on north side of pipe.
280569	Major	K. O'Malley	6/22/2022	Clear	7	0.74	Rain	Good	Open	Normal	Normal	Low	No	-	No	-	-	-	-	Slight (1-3")	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	12	2027	
280571	Minor	K. O'Malley	7/26/2022	Cloudy	2	1.34	Rain	Good	Open	Normal	Normal	Dry	Yes	Inspector	No	-	-	Dead Vegetation	-	Slight (1-3")	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	14	2027	
280573	Minor	K. O'Malley	6/28/2022	Cloudy	12	0.74	Rain	Fair	Open	Normal	Intermediate	Low	No	-	No	-	-	-	-	-	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	8	2027	Top of pipe sticking out broken off with some bent iron reinforcement visible, good condition otherwise. Little if any erosion, does not need immediate replacement.
280575	Minor	K. O'Malley	6/28/2022	Cloudy	12	0.74	Rain	Unknown	Plugged	-	Excessive	Low	Yes	Inspector	No	-	-	-	-	-	-	-	-	-	-	-	-	-	Sampled-Clean	Maintenance Needed	10	2027	Buried, Maintenance needed. Large waste items 20 yards south need to be removed.
280585	Major	K. O'Malley	6/29/2022	Partly Cloudy	2	0.57	Rain	Fair	Open	Normal	Intermediate	Dry	No	-	No	-	-	-	-	Moderate (3-6")	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	5	2026	Sediment in pipe and bags of gravel stacked at apron. Land slopes toward outfall about 20' in front of outfall, then back toward creek.
280586	Major	K. O'Malley	9/8/2022	Clear	5	0.69	Rain	Good	Open	Normal	Intermediate	Normal	Yes	Inspector	Yes	Clear	None	None	None	Slight (1-3")	Moderate	42	8	65	0.00	0.00	0.00	0.00	Sampled-Clean	Pass	38	2027	Flow in MH clear, water at partly inundated outfall turbid and slightly tannin. A number of fallen trees were over and around the outfall and there appears to be an abandoned ~12" CP nearby from the west.
280587	Minor	K. O'Malley	6/22/2022	Clear	7	0.74	Rain	Fair	Open	Dismantled Joint(s)	Normal	Normal	No	-	No	-	-	Dead Vegetation	Musty	Moderate (3-6")	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	15	2027	Joint separation, sediment and dead vegetation buildup needs to be removed.
280588	Minor	K. O'Malley	6/22/2022	Clear	7	0.74	Rain	Good	Open	Normal	Normal	Dry	No	-	No	-	-	-	-	-	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	7	2027	
280590	Minor	K. O'Malley	8/11/2022	Clear	2	0.01	Rain	Good	Open	Normal	Excessive	Low	No	Inspector	Yes	Clear	None	Dead Vegetation	None	Moderate (3-6")	Clear	-	6	64	0.00	0.00	0.00	0.00	Sampled-Clean	Pass	38	2026	Thin roots starting to build up in front of outfall but not obstructing flow, need to cut to remove.
280592	Major	K. O'Malley	8/31/2022	Clear	2	0.01	Rain	Good	Open	Normal	Normal	Normal	Yes	Inspector	Yes	Clear	Algae	None	None	None	Clear	-	8	65	0.00	0.00	0.00	0.00	Sampled-Clean	Pass	46	2027	Washout holes in front of outfall. Appears some placed stone/riprap may have fallen down on the north side but does not appear to impact flow or be causing erosion.
280970	Major	K. O'Malley	7/7/2022	Partly Cloudy	3	1.69	Rain	Poor	Open	Dismantled Joint(s)	Intermediate	Normal	No	-	Yes	Clear	None	Soaps/Suds	None	None	Clear	-	7	62	0.00	0.00	0.00	0.00	Sampled-Clean	Positive-Below Action Level	80	2026	Sampled from 728 after positive hit, noticed flow coming from southwest. Second sample also 0.15 mg/L detergents. Flow too low to sample from 835, canvassed neighborhood for evidence of discharge/vehicle washing. Noticed Joski's carpet cleaning van at 2668 W Red Fern Ln, no recent discharge observed but gave them a call to confirm procedures.
280991	Minor	K. O'Malley	7/26/2022	Cloudy	2	1.34	Rain	Good	Open	Normal	Normal	High	No	-	No	Clear	Algae	None	Fishy	None	Clear	46	-	-	-	-	-	-	Sampled-Clean	Pass	25	2027	Standing water at outfall. No flow from upstream manhole, but a crack on the side of the northernmost inlet with groundwater infiltration (58", 5.7 pH, 0.16 Cl/O Det/O Phen/O Cu).
280997	Major	K. O'Malley	7/26/2022	Clear	2	1.34	Rain	Good	Open	Normal	Normal	Normal	No	-	Yes	Clear	None	Soaps/Suds	None	None	Clear	-	7	68	4.00	0.00	0.00	0.00	Sampled-Postive Hit	Positive-Action Level	70	2026	No flow into pond from the outfalls, flow comes from pond outlet structure 98130.
280998	Major	K. O'Malley	10/21/2022	Partly Cloudy	4	0.08	Rain	Fair	Open	Normal	Normal	High	Yes	Inspector	Yes	Clear	None	Dead Vegetation	None	None	Clear	-	8	49	0.00	0.00	0.00	0.00	Sampled-Clean	Pass	35	2026	End of outfall has 0.7' overhang (missing fill/riprap underneath), but no signs or cracking or displacement. Cleared litter downstream of the outfall and sampled outfall into pond.



Section 3

Illicit Discharge Detection and Elimination

Outfall Inspections – 2023

City of Green Bay
2023 Outfall Inspections

Facility ID	Outfall Type	Primary Inspector	Date	Weather Condition	Last Precipitation (days)	Quantity of Precipitation (in)	Precipitation Type	Overall Condition	Flow Condition	Structure Condition	Hydrologic Fluctuation	Water Level	Debris Present	Method of Removal	Flow Observed	Color	Biological	Floatables	Odor	Sedimentation (in)	Turbidity	Distance MH (ft)	pH	Temperature	Chlorine	Detergent	Phenols	Copper	Positive Hit	Inspection Result	Inspection Duration (min)	Next Inspection Year	Inspection Notes
280010	Minor	K. O'Malley	8/2/2023 9:52	Clear	4	0.68	Rain	Fair	Open	Dismantled Joint(s)	Normal	Dry	No	-	No	-	-	-	-	Slight (1-3")	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	10	2028	Endwall disconnected.
280014	Major	K. O'Malley	6/6/2023 6:44	Overcast	6	0.37	Rain	Good	Open	Normal	Normal	Normal	Yes	Inspector	Yes	Clear	None	None	Fishy	Moderate (3-6")	Clear	63	7.2	62	0	0	0	0	Sampled-Clean	Pass	52	2028	Outfall partially inundated, wind pushing water toward outfall, sampled at upstream manhole. Measured 3'9" to sediment.
280016	Minor	K. O'Malley	8/1/2023 8:07	Overcast	3	0.68	Rain	Fair	Open	Dismantled Joint(s)	Intermediate	Normal	No	-	No	-	-	-	-	None	-	-	-	-	-	-	-	-	Sampled-Clean	Structural Damage	15	2028	Last segment of pipe appears to be offset/tilted, slight depression in the earth adjacent/southwest.
280033	Minor	K. O'Malley	5/31/2023 7:44	Clear	12	0.01	Rain	Need Immediate Replacement	Open	Dismantled Joint(s)	Normal	Low	No	Inspector	Yes	Clear	None	Dead Vegetation	None	None	Clear	-	6.7	60	0	0	0	0	Sampled-Clean	Pass	55	9999	Reinspection clean. Second inspector, Vivica Miller. Outfall reconstruction planned for 2023.
280035	Minor	K. O'Malley	5/31/2023 8:43	Clear	12	0.01	Rain	Fair	Open	Dismantled Joint(s)	Normal	Low	No	-	Yes	Clear	Algae	None	None	None	Clear	-	6	66	0	0	0	0	Sampled-Clean	Pass	46	9999	Reinspection clean. Second inspector, Vivica Miller. Outfall reconstruction planned for 2023.
280037	Minor	K. O'Malley	5/31/2023 9:40	Partly Cloudy	12	0.01	Rain	Good	Open	Normal	Normal	Low	No	Inspector	Yes	Clear	None	Dead Vegetation	None	Slight (1-3")	Clear	-	6.8	60	0	0	0	0	Sampled-Clean	Pass	25	9999	Reinspection clean. Second inspector, Vivica Miller.
280096	Major	K. O'Malley	6/21/2023 9:12	Clear	8	0.97	Rain	Fair	Open	Dismantled Joint(s)	Normal	Normal	No	-	Yes	Clear	None	None	None	None	Clear	-	7.3	57	0	0	0	0	Sampled-Clean	Pass	66	2027	Bottom of endwall broken, endwall separating from pipe but not yet causing erosion on the sides. Inspection time includes conversations with neighbors, Jayne and Helen.
280098	Minor	K. O'Malley	6/21/2023 8:55	Clear	8	0.97	Rain	Good	Open	Normal	Normal	Dry	No	-	No	-	-	-	-	None	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	10	2027	Some woody vegetation is starting to grow a few feet downstream of outfall , but not yet impacting flow. (Let homeowner know that I needed to cut through driveway since easement was blocked by trees, he was aware and fine with it).
280106	Major	K. O'Malley	11/16/2023 13:20	Cloudy	10	0.12	Rain	Unknown	-	-	Normal	Normal	No	-	Yes	Clear	None	None	None	None	Clear	785	7.8	60	0	0.1	0	0	Sampled-Positive Hit	Positive-Below Action Level	60	2026	Very low flow from northern pipe into MH 4636. MHs by lift station too deep for sampling, including 538242). Trickle into MH 504507 from INL west and dampness in inlet, both too low to sample. 4615 dry, so detergent must occur somewhere between 280106 and 4615. Photo timestamp off by 1 hr ahead. Canvassed area, no visible discharges observed.
280112	Major	K. O'Malley	11/16/2023 11:37	Cloudy	10	0.12	Rain	Unknown	-	-	Normal	Normal	No	-	No	-	-	-	-	-	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	15	2026	Some standing water in MH but no flow. Photo timestamp off by 1 hr ahead.
280116	Major	K. O'Malley	11/16/2023 14:38	Cloudy	10	0.12	Rain	Unknown	-	-	Normal	Normal	Yes	Inspector	No	-	-	-	-	-	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	10	2026	Outfall not visible, standing water in MH 4723, but no flow. Grate-style cover. Photo timestamp off by 1 hr ahead.
280124	Major	K. O'Malley	11/16/2023 10:17	Overcast	10	0.12	Rain	Unknown	-	-	Normal	Normal	No	-	No	-	-	-	-	-	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	15	2026	Outfall not visible from deck. MH 4641 cover was stuck, needed Ops help in afternoon at 1:18 PM to finish inspection. Standing water, no flow from upstream. No flow from nearby inlets. Photo timestamp off by 1 hr ahead.
280130	Major	K. O'Malley	11/16/2023 14:48	Cloudy	10	0.12	Rain	Unknown	-	-	Normal	Normal	Yes	Inspector	No	-	-	-	-	-	-	-	7.6	59	0	0	0	0	Sampled-Clean	Pass	23	2026	Outfall not visible. Standing water in MH but no flow from east. Water appears to be flowing in and out of pipe to north, sampled just in case. Photo timestamp off by 1 hr ahead.
280132	Major	K. O'Malley	11/16/2023 10:00	Overcast	10	0.12	Rain	Unknown	-	-	-	Normal	No	-	No	-	-	-	None	-	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	10	2026	Outfall not visible from deck. Some standing water in MH, no flow from upstream. Photo timestamp off by 1 hr ahead.
280141	Minor	K. O'Malley	6/7/2023 10:35	Clear	7	0.37	Rain	Good	Open	Normal	Normal	High	Yes	Inspector	Yes	Clear	Bacteria	Dead Vegetation	None	Slight (1-3")	Clear	-	6.8	55	0	0	0	0	Sampled-Clean	Pass	25	2028	Orange substance in outfall and in small ponding area it discharges to upstream of the pond - determined to be an iron oxidizing bacteria, also observed on SE corner of pond. Cut tree in front of outfall - not obstructing flow but should be removed for accessibility, time permitting.
280144	Minor	K. O'Malley	6/7/2023 9:49	Clear	7	0.37	Rain	Good	Open	Normal	Normal	Dry	No	-	No	-	-	-	-	None	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	5	2028	Vegetation in front of outfall. Pond water level very low. Concrete endwall chipping.
280145	Major	K. O'Malley	6/22/2023 9:53	Clear	9	0.97	Rain	Good	Open	Normal	Normal	Normal	Yes	Inspector	Yes	Clear	Algae	None	None	None	Clear	-	7.5	58	0	0	0	0	Sampled-Clean	Pass	37	2028	
280192	Minor	K. O'Malley	7/19/2023 14:13	Cloudy	2	0.02	Rain	Unknown	-	-	Normal	High	Yes	Hand Crew Operations	No	Clear	-	-	None	-	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	47	2026	Could not locate outfall, likely inundated or buried under woody debris that needs removal. MH 10448 inundated (only a couple of feet from cover to top of water), MH 10106 inundated, 5351 concrete shut, 9679 inundated, 10446 partially inundated, no movement of debris on top of the water. No outdoor discharge activities identified during canvassing of the subbasin.
280222	Minor	K. O'Malley	7/19/2023 14:13	Partly Cloudy	2	0.02	Rain	Good	Open	Normal	Normal	Normal	No	-	No	-	None	None	-	None	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	8	2026	Outfall pipe rusting but still in ok condition. Large woody debris in channel, but not blocking or damaging outfall.

City of Green Bay
2023 Outfall Inspections

280224	Minor	K. O'Malley	7/19/2023 13:20	Partly Cloudy	2	0.02	Rain	Unknown	-	-	-	Normal	Yes	Hand Crew Operations	No	-	None	Dead Vegetation	-	-	-	-	-	-	-	-	Sampled-Clean	Maintenance Needed	48	2026	Could not locate outfall, likely inundated. Large fallen tree branches over where outfall should be, need to be removed. MH 416122 inundated. MH 10869 inundated except from curb inlet. 10867 partially inundated with no flow (no movement in dead vegetation on surface).		
280253	Minor	K. O'Malley	8/2/2023 13:55	Cloudy	4	0.68	Rain	Poor	Open	Broken	Intermediate	Normal	Yes	Hand Crew Operations	No	-	-	-	-	None	-	-	-	-	-	-	-	Sampled-Clean	Maintenance Needed	5	2028	End of pipe collapsed and washout. Large animal burrows uphill of outfall and downed tree limbs.	
280255	Major	K. O'Malley	8/2/2023 13:14	Cloudy	4	0	Rain	Fair	Open	Normal	Intermediate	Normal	Yes	Hand Crew Operations	Yes	Clear	None	Garbage/Trash	None	Slight (1-3")	Slight	-	8.2	64	0	0	0	0	Sampled-Clean	Pass	34	2026	Some cracking at the first joint. A lot of trash stuck in grate, schedule clean.
280257	Minor	K. O'Malley	8/2/2023 12:28	Cloudy	4	0.68	Rain	Fair	Open	Normal	Intermediate	Normal	Yes	Inspector	No	-	-	-	-	None	-	-	-	-	-	-	-	Sampled-Clean	Pass	5	2028	CMP not CMCP. Damp but not flowing. Top of end of pipe is bent, top of pipe mostly exposed up to nearest MH.	
280259	Minor	K. O'Malley	8/2/2023 12:35	Cloudy	4	0.68	Rain	Fair	Open	Normal	Intermediate	Normal	No	-	No	Clear	None	None	-	Moderate (3-6")	Clear	444	-	-	-	-	-	Sampled-Clean	Pass	26	2028	CMP not CMCP, slightly deformed at end. Outfall inundated, inspected at 2nd MH upstream (dry) - MH 1722 concrete & tarred over. A little standing water in INL 13472 but no active flow.	
280261	Minor	K. O'Malley	8/2/2023 12:10	Cloudy	4	0.68	Rain	Good	Open	Normal	Intermediate	Normal	No	-	No	-	-	-	-	None	-	-	-	-	-	-	-	Sampled-Clean	Pass	8	2028	Some trees leaning heavily nearby. Gap under outfall and some slight scouring on the west side, continue to monitor.	
280273	Minor	K. O'Malley	8/1/2023 10:20	Overcast	3	0.68	Rain	Good	Open	Normal	Intermediate	Normal	Yes	Inspector	No	-	-	-	-	None	-	-	-	-	-	-	-	Sampled-Clean	Pass	5	2028	End of pipe elevated from channel, depression in channel below outfall holding water but channel downstream dry.	
280275	Minor	K. O'Malley	8/1/2023 9:47	Overcast	3	0.68	Rain	Good	Open	Normal	Intermediate	Normal	Yes	Inspector	No	-	-	-	-	None	-	-	-	-	-	-	-	Sampled-Clean	Pass	8	2028	Last segment of pipe sticks out, but no erosion or changes since observed in 2022. Gravel buildup channel downstream. Some graffiti on pipe.	
280277	Minor	K. O'Malley	8/1/2023 9:02	Overcast	3	0.68	Rain	Poor	Open	Dismantled Joint(s)	Intermediate	Dry	No	-	No	-	-	-	-	None	-	-	-	-	-	-	-	Sampled-Clean	Structural Damage	16	2028	Endwall fallen off and next segment dismantled. washout (~8' wide, 3.5' deep). Channel from outfall to creek dry/damp with fallen tree, exposed roots.	
280279	Minor	K. O'Malley	8/1/2023 8:39	Overcast	3	0.68	Rain	Good	Open	Normal	Intermediate	Normal	Yes	Hand Crew Operations	No	-	-	-	-	None	-	-	-	-	-	-	-	Sampled-Clean	Pass	15	2028	Large tree trunks/branches falled across creek adjacent to outfall. Noticed sand dumping on banks east of outfall.	
280282	Minor	K. O'Malley	8/1/2023 7:54	Overcast	3	0.68	Rain	Poor	Open	Broken	Excessive	Low	Yes	Hand Crew Operations	No	-	None	Dead Vegetation	-	None	-	-	-	-	-	-	-	Sampled-Clean	Maintenance Needed	10	2028	Parks complaint about washout. Erosion significant, drop off at ~8' from BoC. Lot of branches that need to be removed. Last pipe segment collapsed and broken. Also looked in inlet at cul de sac, PVC pipe inside broken (6"?)	
280284	Minor	K. O'Malley	8/1/2023 8:21	Overcast	3	0.68	Rain	Poor	Open	Dismantled Joint(s)	Excessive	Normal	No	-	No	-	-	-	-	None	-	-	-	-	-	-	-	Sampled-Clean	Pass	10	2028	End segment of pipe fallen off. sedimentation where outfall channel meets creek main channel.	
280298	Minor	K. O'Malley	8/2/2023 14:07	Cloudy	4	0.68	Rain	Good	Open	Normal	Intermediate	Normal	Yes	Inspector	Yes	Clear	None	None	None	None	Slight	-	8.1	68	0	0	0	0	Sampled-Clean	Pass	30	2028	Flow appears to run below sediment a few feet away from the outfall and resurface downstream, monitor.
280317	Minor	K. O'Malley	7/19/2023 9:05	Partly Cloudy	2	0.02	Rain	Fair	Open	Normal	Normal	Low	Yes	Hand Crew Operations	No	-	Algae	-	-	Moderate (3-6")	-	-	-	-	-	-	-	Sampled-Clean	Maintenance Needed	15	2026	Request to Operations for sediment cleanout. Located north of building, follow mown area to where it opens to the river, go to shore then take a right behind vegetation. There's a small green utility flag nearby.	
280330	Major	K. O'Malley	8/2/2023 8:38	Clear	4	0.68	Rain	Good	Open	Normal	Normal	Normal	No	-	Yes	Clear	None	None	Fishy	None	Clear	-	8.1	70	0	0	0	0	Sampled-Clean	Pass	60	2026	Noticed flow with suds coming from the northwest side of the outfall from another very small stream of water. Also followed the stream up to a PVC pipe and sampled because of the presence of suds (pH 8.1, temp 71). Clean except possible trace detergent (<0.1 mg/L, hard to tell if faint blue).
280344	Minor	K. O'Malley	8/1/2023 9:27	Overcast	3	0.68	Rain	Good	Open	Normal	Intermediate	Normal	Yes	Hand Crew Operations	No	-	-	-	-	None	-	-	-	-	-	-	-	Sampled-Clean	Pass	2	2028	branches across the outfall and stream, damming water? Yard waste dumping in greenway, possibly from 2574-2780 West Point Rd.	
280352	Minor	K. O'Malley	8/1/2023 10:05	Overcast	3	0.68	Rain	Good	Open	Normal	Intermediate	Normal	Yes	Inspector	Yes	Clear	None	None	None	None	Clear	-	8.3	63	0	0	0	0	Sampled-Clean	Pass	35	2028	Looked in culvert from both sides, did not see flow from connection but sampled just in case. Culvert end pieces on east side beginning to separate, buildup in northern culvert.
280404	Major	K. O'Malley	6/8/2023 12:29	Clear	8	0.37	Rain	Good	Open	Normal	Normal	Normal	Yes	Inspector	No	Clear	Algae	None	None	None	Clear	-	9.8	70	0	0	0	0	Sampled-Clean	Pass	40	2028	pH meter may be broken or in need of calibration. Grate slightly off but still secure. endwall appears to tilt slightly to discharge at eastern corner.
280405	Major	K. O'Malley	6/8/2023 12:42	Clear	8	0.37	Rain	Good	Open	Normal	Normal	Normal	No	-	No	Clear	Bacteria	None	None	None	Clear	83	-	-	-	-	-	Sampled-Clean	Pass	18	2028	Little standing water at outfall, did not appear to be flowing - checked upstream to confirm no flow. Orange color (bacteria, iron oxidizing).	
280406	Minor	K. O'Malley	6/8/2023 12:21	Clear	8	0.37	Rain	Good	Open	Normal	Normal	Normal	No	-	No	-	-	-	-	None	-	-	-	-	-	-	-	Sampled-Clean	Pass	5	2028	Some vegetation growth in front of structure (tremble & cattail?), not blocking flow.	

City of Green Bay
2023 Outfall Inspections

280425	Minor	K. O'Malley	6/7/2023 13:52	Clear	7	0.37	Rain	Fair	Open	Normal	Normal	Normal	Yes	Inspector	No	Clear	None	Garbage/Trash	None	Moderate (3-6")	Clear	-	-	-	-	-	-	-	Sampled-Clean	Pass	27	2026	Outfall partially inundated. Inlet protection at 18269, no flow from other structures (dry, but all have sediment/debris buildup). Measured 9" from sediment to top of pipe. Picked up garbage around outfall but there's a lot in the entire channel that needs to get cleaned out.
280437	Minor	K. O'Malley	6/6/2023 9:10	Partly Cloudy	6	0.37	Rain	Good	Open	Normal	Intermediate	Normal	Yes	Inspector	No	Tannin	None	Dead Vegetation	None	None	Slight	-	-	-	-	-	-	-	Sampled-Clean	Pass	24	2028	Partially inundated at outfall and MH 7883, no flow from south of 7883 but pipe from west not visible. Debris (vegetation) on water surface in 7883 not moving. No flow into 7882, shallow standing water on bottom.
280468	Minor	K. O'Malley	6/19/2023 10:02	Partly Cloudy	6	0.97	Rain	Good	Open	Normal	Normal	Normal	No	-	Yes	Clear	Algae	None	None	None	Slight	-	8.5	62	0	0	0	0	Sampled-Clean	Pass	29	9999	
280492	Minor	K. O'Malley	6/8/2023 13:33	Clear	8	0.37	Rain	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	33	2028	Outfall inaccessible. 3177 Bay View Dr and cemetery completely fenced and dense vegetation around. MH completely dry, but with sediment buildup. Edit: could try coming back through easement between 3131 and 3159 Bay View then behind houses.	
280498	Minor	K. O'Malley	6/21/2023 10:12	Clear	8	0.97	Rain	Poor	Open	Broken	Intermediate	Low	Yes	Inspector	Yes	Clear	None	None	Musty	None	Clear	-	7.4	58	0	0	0	0	Sampled-Clean	Structural Damage	40	2028	Last segment separated and bank collapsed, repairs are planned for 2023/2024.
280504	Minor	K. O'Malley	6/21/2023 8:11	Clear	8	0.97	Rain	Fair	Open	Normal	Intermediate	Dry	No	-	No	-	-	-	-	-	-	-	-	-	-	-	-	Sampled-Clean	Maintenance Needed	28	2027	Outfall in good condition, but badly eroded downstream up to railroad and in need of additional riprap. Also investigated erosion complaint from resident at 2503 Sage during inspection.	
280536	Minor	K. O'Malley	8/2/2023 10:04	Clear	4	0.68	Rain	Fair	Open	Normal	Normal	Dry	Yes	Hand Crew Operations	No	-	-	-	-	-	-	106	-	-	-	-	-	-	Sampled-Clean	Maintenance Needed	15	2028	Could not get a good look at the outfall, dense vegetation blocking and unknown animal nesting in front of outfall. Dry pond needs maintenance, call with Mike D to verify condition from a previous site visit. MH 3036 dry.
280540	Major	K. O'Malley	11/16/2023 10:10	Overcast	10	0.12	Rain	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	5	2026	Outfall not visible from deck, upstream MHs do not exist, outfall either abandoned or removed? Canvassed area just in case, no visible discharges to streets or alleys.	
280542	Major	K. O'Malley	7/19/2023 7:58	Partly Cloudy	2	0.02	Rain	Unknown	-	-	Normal	Normal	No	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	15	2026	Could not locate outfall, possibly submerged. MH 11200 lid concrete closed and no discharges visible on the surface near the manhole. No other connections should exist to this outfall currently.	
280562	Minor	K. O'Malley	7/19/2023 9:27	Partly Cloudy	2	0.02	Rain	Unknown	-	-	Normal	Normal	No	-	Yes	Clear	None	None	None	-	-	-	8.4	69	0	0.1	0	0	Sampled-Positive Hit	Positive-Below Action Level	80	2026	Could not locate outfall, appears to be underwater compared to location in past photos. Flow too low to collect at MH 9689. Flow from both N and S observed at MH 9690, collected from S but too low from N. North flow originating from Aldo Leopold school. Canvassed area, no visible discharges observed.
280577	Minor	K. O'Malley	6/6/2023 7:56	Cloudy	6	0.37	Rain	Fair	Plugged	Normal	Normal	Low	Yes	Inspector	No	-	-	Dead Vegetation	-	Moderate (3-6")	-	-	-	-	-	-	-	Sampled-Clean	Maintenance Needed	10	2028	Only 0.4' of outfall is open, mostly buried beneath sediment. Ditch filled with phragmites, cattail, thistle, grasses, giant hogweed. Some standing moisture but no flow at outfall or upstream. Ditch maintenance needed.	
280579	Major	K. O'Malley	6/6/2023 8:09	Cloudy	6	0.37	Rain	Good	Open	Normal	Normal	Normal	No	Inspector	Yes	Tannin	None	None	None	Slight (1-3")	Slight	66	6.9	57	0	0	0	0	Sampled-Clean	Pass	48	2028	Measured 3'7" to bottom. Partially inundated, slow flow from upstream MH appearing to come from east. Wrong outfall size listed? Need to check (endwall 6.4' across inside, 7' outside).
280580	Major	K. O'Malley	11/16/2023 9:24	Cloudy	10	0.12	Rain	Unknown	-	-	Normal	Normal	No	-	No	-	-	-	-	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	20	2026	Outfall not visible from surface, next upstream MH not located, standing water in MH but no flow (debris stagnant). Photo timestamp off by 1 hr ahead.	
280591	Minor	K. O'Malley	6/19/2023 8:53	Partly Cloudy	6	0.97	Rain	Unknown	Plugged	-	Normal	Normal	Yes	Hand Crew Operations	No	-	-	-	-	-	-	-	-	-	-	-	-	Sampled-Clean	Maintenance Needed	15	2028	Outfall could not be located, believe to be underneath large pile of debris and uprooted trees. Some Gabion baskets broken at pileup location. Dampness at bottom of upstream MH but no flowing water.	
280596	Major	K. O'Malley	11/16/2023 9:00	Cloudy	10	0.12	Rain	Unknown	-	-	Normal	Normal	No	-	No	-	-	-	-	-	-	-	-	-	-	-	-	Sampled-Clean	Pass	20	2027	Outfall not visible from surface (Looked from across shore, underwater). No flow from Railyard pond, standing water in upstream MHs but no flow. Photo timestamp off by 1 hr ahead.	
280981	Major	K. O'Malley	6/22/2023 8:08	Clear	9	0.97	Rain	Good	Open	Normal	Normal	Normal	No	-	Yes	Clear	None	Dead Vegetation	Fishy	None	Clear	-	7.4	69	0	0	0	0	Sampled-Clean	Pass	40	9999	Near constant flow from pond, water flowing into pond from both outfalls
280987	Major	K. O'Malley	8/2/2023 7:21	Partly Cloudy	4	0.68	Rain	Good	Open	Normal	Normal	Normal	Yes	Inspector	Yes	Clear	None	None	None	Slight (1-3")	Clear	21	8.5	65	0	0	0	0	Sampled-Clean	Pass	44	2026	Partially inundated, slow flow observed from MH 1506 (sampled, clean). No flow from MH 1516 (556' upstream), dampness.
280988	Minor	K. O'Malley	8/2/2023 8:17	Clear	3	0.68	Rain	Poor	Open	Dismantled Joint(s)	Normal	Dry	No	-	No	-	-	-	-	Slight (1-3")	-	-	-	-	-	-	-	Sampled-Clean	Pass	10	2028	Matting nearby from recent construction, trench between outfall and creek bare, pipe appears to be CMP, not CMCP with bends.	

City of Green Bay
2023 Outfall Inspections

280997	Major	K. O'Malley	6/8/2023 14:26	Clear	8	0.37	Rain	Good	Open	Normal	Normal	Low	No	-	Yes	Clear	None	None	None	None	Clear	-	8.6	49	0	0	0	0	0	Sampled-Clean	Pass	40	9999	Some erosion around the west side of the structure and some missing pieces on the rock wall, looks mostly the same as the previous inspection. Graffiti on the structure.
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Section 3

Illicit Discharge Detection and Elimination

**Outfall Inspections – 2024
(Planned)**

City of Green Bay

2024 Planned Outfall Inspections

Facility ID	Outfall Type	Owner	Region	Drainage Basin	Sub Basin	Material	Receiving Waters	Drainage Class	Drainage Area (ac)	Location	APN	Size (in)	Animal Grate	X Coordinate	Y Coordinate	Section	Township	Range
280118	Major	City	Fox River South	Fox River	118	CMCP	Bay of Green Bay	Light Commercial	16.109	348 Washington Street	13-183-2	30	No	98609.59	565899.19	36	24	20
280120	Major	City	Fox River South	Fox River	120	RCP	Bay of Green Bay	High Density Residential	51.13	100 East Mason Street	15-168-A	30	No	98265.2	564284	36	24	20
280122	Major	City	Fox River South	Fox River	122	RCP	Bay of Green Bay	Heavy Commercial	4.757	100 East Mason Street	12-25	24	No	99208.24	567315.13	36	24	20
280160	Major	City	Fox River South	East River	160	RCP	Bay of Green Bay	Light Commercial	32.14	929 Cedar Street	9-86	18	No	103086.84	567197.13	31	24	21
280162	Major	City	Fox River North	East River	162	RCP	Bay of Green Bay	Light Industrial	36.73	1010 University Avenue	7-741-1	48	No	103321.3	567324.69	31	24	21
280164	Major	Private	Fox River South	East River	164	RCP	Bay of Green Bay	Light Commercial	1.92	518 Roosevelt Street	9-73	15	No	104054.05	567041.5	31	24	21
280166	Major	City	Fox River South	East River	166	RCP	Bay of Green Bay	Light Commercial	2.82	1207 Cedar Street	9-20	12	No	104127.19	566563.31	31	24	21
280168	Major	City	Fox River North	East River	168	RCP	Bay of Green Bay	Light Commercial	13.25	501 St. George Street	7-670	24	No	104253.26	566542.38	31	24	21
280170	Major	City	Fox River South	East River	170	RCP	Bay of Green Bay	Low Density Residential	202.02	1210 Pine Street	14-30	72	No	103953.59	565788.94	31	24	21
280172	Major	City	Fox River South	East River	172	RCP	Bay of Green Bay	Low Density Residential	36.73	320 Irwin Avenue	14-31-A	42	No	104645.82	565519.38	31	24	21
280174	Major	City	Fox River North	East River	174	RCP	Bay of Green Bay	Heavy Commercial	102.85	1300 Main Street	8-288	48	No	104806.559	565688.94	31	24	21
280198	Major	City	Fox River South	East River	198	CMCP	Bay of Green Bay	High Density Residential	24.33	1489 E. Mason Street	17-937	36	No	104998.29	561584.19	6	23	21
280210	Major	City	Fox River South	East River	210	RCP	Bay of Green Bay	Low Density Residential	166.903	1457 Porlier Street	17-965	36	No	103961.04	560248.13	6	23	21
280249	Major	City	West Bay	Beaver Dam Creek	249	CMCP	Bay of Green Bay	Heavy Commerical	8.26	1626 7th Street	6-476	21	No	85319.15	569070.81	28	24	21
280309	Major	City	West Bay	Fox River	309	RCP	Bay of Green Bay	Heavy Industrial	146.93	1618 State Street	1-1406	72	No	95500.75	560455.94	2	23	20
280381	Major	State	East River South	Willow Creek	381	RCP	Willow Creek-North	Heavy Commercial	1.02	Greenbrier Road	21-158	12	No	118080.6	552318.19	10	23	21
280515	Major	City	East River South	Ellis Creek	515	RCP	Bay of Green Bay	High Density Residential	209.37	2566 Heather Road	21-121-1	60	Yes	115490.26	555882.25	9	23	21
280547	Major	City	East River South	Willow Creek	547	RCP	Bay of Green Bay	Light Industrial	25.26	211 Imperial Lane	21-462	30x36x24	No	109766.413	555718.7	8	23	21
280549	Major	City	East River South	Willow Creek	549	RCP	Willow Creek-North	High Density Residential	179.951	2306 Pecan street	21-4007	36	No	111918.34	553741.06	9	23	21
280558	Major	City	East River South	East River	558	RCP	Bay of Green Bay	High Density Residential	198.357	1100 Bellevue Street	21-416-6	42	No	104833.55	558533	26	23	21
280560	Major	State	East River South	East River	560	RCP	Bay of Green Bay	Low Density Residential	203.918	846 Bellevue Street	8-760	54	No	105465.74	559446.25	6	23	21
280960	Major	City	West Bay	Fox River	960	RCP	Bay of Green Bay	Heavy Industrial	283.058	229 Arndt Street	2-78	84	No	97911.83	565239.09	36	24	20
280963	Major	City	West Bay	Beaver Dam Creek	963	RCP	Bay of Green Bay	Light Industrial	275.48	180 Bond Street	6-83-G	48	No	87199.48	577141.63	22	24	20
280982	Major	City	Hobart	Duck Creek	982	RCP	Bay of Green Bay	High Density Residential	281	237 Country Club Road	6H-1072	48	No	75028.35	574415	19	24	20
280983	Major	City	Hobart	Duck Creek	983	RCP	Bay of Green Bay	High Density Residential	154.42	237 Country Club Road	6H-1072	48x38x60	No	75028.74	574415	19	24	20
280984	Major	City	Hobart	Beaver Dam Creek	984	RCP	Bay of Green Bay	Heavy Industrial	20.01	Frontage Road West Mason Street	6H-1081-1	36	No	82142.87	571225.31	28	24	20



Section 4

Construction Site Pollutant Control

Attachments



Public Works Department
100 North Jefferson Street - Room 300
Green Bay, Wisconsin 54301-5026
www.greenbaywi.gov

Administration | Engineering | Traffic 920.448.3100
Operations 920.448.3535
Parking 920.448.3431
Fax 920.448.3102

TO: Steve Grenier – Director of Public Works

FROM: Valerie Joosten – Utility Manager

DATE: January 24, 2024

RE: 2023 MS4 Report Summary – Section 4 Construction Site Pollutant Control

The City of Green Bay requires construction site pollutant control under Sec. 16-31. – 16-45. of the City's stormwater management ordinance in accordance with the municipal separate storm sewer system (MS4) permit.

Construction site pollutant control is required for land development and other land disturbing construction activities that meet the applicability requirements under Sec. 16-34. Note that the City requires erosion control permits for construction activities affecting a surface area of 4,000 square feet or more and construction activities that have 100 cubic yards of filling and/or excavation. For the purposes of the annual report, the City has only reported the erosion control permit information for construction sites with one acre or more of land disturbing construction activity per WDNR requirements.

In 2023, the City issued a total of 31 erosion control permits, and there were 54 construction sites with one acre or more of land-disturbing construction activity during the year. See Table 1 below for a summary of erosion control permits issued in 2023.

Table 1 – 2023 Erosion Control Permits Issued

Permit No.	Site Name	Address (or nearest)
2023-11	Yesteryear Village	1538 Western Ave
2023-21	New UWGB Dorm	3390 Walter Way
2023-26	Lafarge Holcim Storage Silo	125 9 th St
2023-29	Caraton Commons Expansion	655 Woodside Rd
2023-30	Toy Box Storage	1562 Velp Ave
2023-33	Georgia Pacific Pkg Lot/DW Reconstruct	1919 S Broadway
2023-50	Lombardi MS – Parking Lot/Storage Bldg.	1520 South Point Rd
2023-59	Red Smith School – Pkg Lot Improvements	2765 Sussex Rd
2023-63	Bigelow Apts. – 17 Buildings – 12 units each	3415 E Mason St
2023-72	RGL Logistics – New Parking Lot	1500 Donald St
2023-91	Bay City Lofts	2500 University Ave
2023-92	Gentle Vet Clinic	2560 University Ave
2023-100	City East Apartments	1161 E Walnut St
2023-105	Southwest HS Ticket Booth and Pkg Lot Improvements - Phase 1	1313 Packerland Dr
2023-110	The Fort Apartments	419 Donald Driver Way
2023-114	Preble HS Stadium Reconstruction	2222 Deckner Ave

2023 MS4 Report Summary – Section 4 Construction Site Pollutant Control

Permit No.	Site Name	Address (or nearest)
2023-115	Parking Lot	1030 Ontario Rd
2023-120	NWTC Parking Lot Rehab	2740 W Mason St
2023-124	Americold Parking Lot Reconstruction	1710 Morrow St
2023-129	Club Car Wash	2475 University Ave
2023-139	Metals Engineering Building Addition	1810 S Broadway
2023-152	Storage Units	1241 Winford Ave
2023-156	HJ DeBaker Park and Boat Launch	3265 University Ave
2023-159	Southwest HS Baseball and Softball Field Renovations	1313 Packerland Dr
2023-187	Raze and Green Space Conversion	1621 Main St
2023-197	Site Fill for New Apartments	2532 University Ave
2023-200	NEW Water Clarifier Rehab and Groundwork	2231 N Quincy St
2023-203	New Day Care Center	3164 Finger Rd
2023-207	Russel Metals Expansion	825 Hinkle St
2023-215	Jenny Lane Street Extension for New Club Car Wash	2475 University Ave
2023-217	Southwest HS Ticket Booth and Parking Lot Improvements – Phase 2	1313 Packerland Dr
TOTALS:		31

In 2023, the City completed 334 erosion control inspections compared to 74 erosion control inspections in 2022. The difference in inspection numbers may be the result of an erosion control specialist vacancy in 2022, which was filled in January 2023, and an increase in the number of active construction projects one or more acre in size (54 active sites in 2023 compared to 27 active sites in 2022).

Of these inspections, the City issued 30 verbal warnings, 41 written warnings, and 7 written orders. A written order is a tool the City uses to encourage compliance. Written orders are entered into the City's ECLIPS software and sent to the responsible party, formally notifying them of necessary corrective action. They can either be issued when there has been a final erosion control inspection and there are outstanding items to fix before final stabilization or may be issued when verbal and written warnings have not been effective. The written order specifies a deadline for compliance. Following the deadline, the City will reinspect for compliance; if necessary repairs have not been made, then the City will issue a reinspection fee to further encourage compliance. Reinspection fees can be issued daily, if necessary. If repairs have been made after a written order, no fee is charged, and the order is closed.

Table 2 below summarizes the inspections and enforcement actions conducted in 2023.

Table 2 – 2023 Active Construction Site Inspections and Enforcement Actions

Permit No.	Site Name	Address (or nearest)	Inspection	Verbal Warning	Written Warning	Written Order
2018-133	New Apartment Bldg. (Last of 12 Buildings)	528 Clement St	1			
2019-56	New Apartment Bldg. (Last Building of 6)	1060 Gray Ct	1			
2020-136	Last Apartment Bldg. of 4	2224 Nicolet Dr	1			
2020-170	Office Building/Biofilter	1921 Verlin Rd	1		2	
2020-203	Northeast Asphalt Parking Lot Reno and Biofilters	1524 Atkinson Dr	1			
2020-76	Nature's Way - Facility/Storm Pond	3480 E Mason St	1		2	
2021-132	Kosmoski Apartments - 8 Unit Bldg.	1330 S Huron Rd	2		1	
2021-132	Kosmoski Apartments - 18 Unit Bldg.	1340 S Huron Rd	1	1		

2023 MS4 Report Summary – Section 4 Construction Site Pollutant Control

Permit No.	Site Name	Address (or nearest)	Inspection	Verbal Warning	Written Warning	Written Order
2021-132	Kosmoski Apartments - 8 Unit Bldg.	1350 S Huron Rd	4			
2021-132	Kosmoski Apartments - Site Plan and Site Work	1400 S Huron Rd	10	2	3	
2021-67	Bellin Clinic	1110 Kepler Dr	1			
2022-106	GP Mill Expansion Project Cinco	1919 S Broadway	4	1	2	
2022-107	Legacy Hotel	1004 Brett Favre Pass	3		2	
2022-120	GP - Parking Lot 2A	1919 S Broadway	2			
2022-13	The Woods Utility/Road Construction	Erie Rd	18	1	1	1
2022-138	Carnivore Meats	3757 Vital Ct	27	2	4	
2022-148	Sears Raze/Revegetation	1555 W Mason St	6	2		
2022-156	Golden House	1120 University Ave	20	3	3	1
2022-158	Aurora Baycare Trail	2845 Greenbrier Rd	2			
2022-173	WPS Substation Raze	310 N Henry St	1			
2022-188	Elevate Apartments	2540 University Ave	5	1	2	
2022-208	Circle-K Gas Station	2261 Main St	7	2	1	
2022-209	Stone Garden Estates	457 Breccia Way	12	1		
2022-218	Club Car Wash	901 S Military Ave	10			
2022-222	New Library	2253 Main St	15	2	1	
2022-227	WPS Site Soil Remediation	600 N Jefferson St	5	1		
2022-3	Lambeau Addition	1261 Lombardi Ave	1			
2022-52	Lok-Safe Storage	1599 University Ave	2			
2022-53	Children's Garden	2600 Larsen Rd	1	1		
2022-91	Nature's Way - Gummy Plant Expansion	3466 E Mason St	1			
2022-95	Raze/Grading for Elevate Apartments	2540 University Ave	9			
2023-100	City East Apartments	1165 E Walnut St	3		1	1
2023-105	Southwest HS - Ticket Booth/Pkg Lot - Phase 1	1331 Packerland Dr	9	1	2	
2023-111	Curative Connections Remodel	1538 Western Ave	11		1	
2023-110	The Fort Apartments	419 Donald Driver Way	7		1	
2023-114	Preble HS Stadium Reconstruction	2222 Deckner Ave	2			
2023-115	Parking Lot	1030 Ontario Rd	3			
2023-120	NWTC Parking Lots - Reno	2740 W Mason St	5			
2023-124	Americold Parking Lot Reconstruct	1710 Morrow St	1			
2023-129	New Club Car Wash	2475 University Ave	6	1		
2023-139	Building Addition/Pkg Lot	1810 S Broadway	2	1		
2023-144	UWGB New Access Road	2019 Technology Way	1			

2023 MS4 Report Summary – Section 4 Construction Site Pollutant Control

Permit No.	Site Name	Address (or nearest)	Inspection	Verbal Warning	Written Warning	Written Order
2023-152	New Storage Buildings	1241 Winford Ave	4			
2023-159	Southwest HS - Baseball/Softball Field Renos	1331 Packerland Dr	14	2	3	1
2023-187	Parking Lot Reconstruction	1621 Main St	1			
2023-21	UWGB Dorm	3390 Walter Way	39	2	3	1
2023-215	Jenny Lane Extension for New Car Wash	2475 University Ave	3			
2023-217	Southwest HS - Ticket Booth/Pkg Lot - Phase 2	1331 Packerland Dr	0			
2023-26	LH Storage Silo	125 9th St	6			
2023-30	Toy Box Storage Demo and Grading	1562 Velp Ave	3		1	
2023-50	Lombardi MS Track/Pkg Lot Reno/Storage Bldg.	1520 South Point Rd	5		1	
2023-63	Bigelow Apts. - Building 1400 - 12 Units	3415 E Mason St	2			
2023-63	Bigelow Apts. - Building 1500 - 12 Units	3415 E Mason St	1			
2023-63	Bigelow Apts. - Building 1600 - 12 Units	3415 E Mason St	1			
2023-72	New Parking Lot	1500 Donald St	1			
2023-74	Edison MS Track Improvements	2675 Sherry Ln	4	2		
2023-91	Bay City Lofts	2510 University Ave	7		3	1
2023-92	Gentle Vet Clinic	2560 University Ave	12	1	1	1
2023-96	Very Large New Home	2818 Country Club Ct	6			
TOTALS:			334	30	41	7



Section 5

Post-Construction Stormwater Management

Attachments



Public Works Department
100 North Jefferson Street - Room 300
Green Bay, Wisconsin 54301-5026
www.greenbaywi.gov

Administration | Engineering | Traffic 920.448.3100
Operations 920.448.3535
Parking 920.448.3431
Fax 920.448.3102

TO: Steve Grenier – Director of Public Works

FROM: Valerie Joosten – Utility Manager

DATE: January 10, 2024

RE: 2023 MS4 Report Summary – Section 5 Post-Construction Stormwater Management

The City of Green Bay requires post construction stormwater management under Sec. 16-76. – 16-86. of the City's stormwater management ordinance in accordance with the municipal separate storm sewer system (MS4) permit.

Stormwater management plans are required for land development, land disturbance, and land disturbing construction activities that meet the applicability requirements under Sec. 16-80. In 2023, the City issued a total of 26 stormwater management permits; however, 3 of these were for developments with existing stormwater management practices and 1 project did not proceed. A total of 22 sites were approved for new privately owned stormwater management practices in 2023.

Table 1 – 2023 Private Stormwater Management Practices Permitted

Permit No.	Site Name	Address (or nearest)
2023-1	Circle K Stores Inc - NTI	2261 Main St
2023-3	Bigelow Finger Road Apartments	3400 Block Finger Rd
2023-4	Gentle Vet Animal Hospital	2560 University Ave
2023-5	Rogan's Shoes	2360 E Mason St
2023-7	City East Apartments	1161 E. Walnut
2023-8	Preble High Stadium Reconstruction	2222 Deckner Ave.
2023-9	Lombardi Middle School Storage Bldg	1520 South Point Road
2023-10	Wickman LLC Parking Lot Reconstruct	1030 Ontario Road
2023-12	New Club Car Wash / Jenny Lane St Ext.	2475 University Ave.
2023-13	Bay City Lofts	2510 University Ave.
2023-14	Southwest High School – Baseball / Softball	1331 Packerland Dr
2023-15	Metals Engineering Inc. – Building Addition	1810 S. Broadway
2023-16	SAL BS Storage	1241 Winford Ave./1156 Velp Ave
2023-17	HJ DeBaker Eagle's Nest Park and Boat Launch	3263 Nicolet Drive
2023-19	East Town Mall – 3 Tenant Build Out with Drive Thru	E. Mason Street
2023-20	NextGen Daycare Center	3164 Finger Road
2023-21	John Kraft's Home	1751 E. Shore Circle
2023-22	Huron Automotive Addition	1001 S. Huron Road
2023-23	Mirhashemi Inc. Parking Lot	215 Elizabeth Ave.
2023-25	Russel Metals Expansion	825 Hinkle St.
2023-26	GBAPS - East High School Additions	1415 E. Walnut St.
2023-27	Habitat for Humanity Homestead	Richmond St.

2023 MS4 Report Summary – Section 5 Post-Construction Stormwater Management

In 2023, the City completed an inventory of privately owned stormwater management practices permitted since 2002. In total, the City issued approximately 368 stormwater management permits between 2002 - 2023. The City also began a private stormwater management practice inspection program in 2023. Utility Division staff completed 59 inspections of privately owned stormwater management practices. Many of these properties had more than one stormwater management practice. Of these 59 inspections, the City issued 39 inspection letters requiring corrective action by the property owner. The City has the authority to conduct the maintenance if the property owner fails to do so, but this was not utilized in 2023. The City is continuing to work with property owners where maintenance is needed.

Table 2 – 2023 Private Stormwater Management Practice Inspections

Permit No.	Site Name	Address (or nearest)
2022-05	The Woods at Baird Creek Sub'd	530 Erie Rd
2022-07	Starbucks	1567 E Mason St
2022-13	On the Rise Campus Expansion (Golden House)	1120 University Avenue
2021-04	Baycare Development	1110 Kepler Drive
2021-05	Scott's Subs	810 S Huron Rd
2021-12	Chipotle/Cousins	2400 E Mason St
2021-13	Popeyes Green Bay East	1979 Main Street
2020-4	Kwik Trip #292	840 S Huron Rd
2020-7	Lincoln Elementary Parking Lot	105 S Buchanan St
2019-06	Kwik Trip #1051	3525 Humboldt Rd
2019-22	Newcomer Funeral Home Building Addition	340 S Monroe Ave
2019-33	Panera Bread	2370 E Mason St
2018-05	University Heights	2580 University Ave
2018-07	Baird Elementary School	539 Laverne Dr
2018-11	Lok-Safe Storage	1599 University Ave
2018-12	Kennedy Elementary School	1754 Ninth St
2018-13	Hickory Hills Apartments	522 Clement St
2018-18	Perkins Park	725 Fisk St N
2018-21	Parking Lot Expansion	1365 Mason St E
2018-23	Whitney Park Townhomes	827 Cherry St
2018-30	Friar House Lofts	645 Irwin Ave S
2017-01	Kwik Trip #143	2400 University Ave
2017-02	Dermatology Clinic	3059 Voyager Dr
2017-04	American Food	1010 University Ave
2017-05	Baird Crossing Condos	2445 Remington Rd
2017-08	Tower Clock Surgery Center	1077 Mason St W
2017-10	Preserve III	3410 Indigo Bluff Rd
2017-11	Navarino Townhomes	222 Jackson St S
2017-13	Starbucks	2230 Main St
2017-15	Multipond America	2301 Hutson Rd
2017-17	Verlin Road Storage Units	1915 Verlin Rd
2017-18	Wisconsin Building Supply	1745 Moraine Ter
2017-23	Uncle Mikes Bake Shop	2999 Mason St E
2017-28	Dunkin Donuts	2125 Main St
2016-02	Camera Corner	503 Main Street
2016-04	Dollar Tree	1940 Main St
2016-10	Familia Dental	1937 Main St
2016-11	Bank & Arby Development	1901 & 1911 Main St
2016-17	STD Properties, LLC	1734 E Mason St

2023 MS4 Report Summary – Section 5 Post-Construction Stormwater Management

Permit No.	Site Name	Address (or nearest)
2015-11	Tri City Glass	1811 East Mason St
2015-16	Orchard L Student Housing	2700 West Mason St
2014-1	Broadway Ford	1010 S Military Ave
2014-2	Hyundai Dealership	1112 S Military Ave
2014-3	Anduzzi's Sports Club	900 Kepler Dr
2014-9	Broadway Pre-Owned Dealership	1109 S Military Ave
2014-14	JJ Green Bay Venture Building and Parking Lot	1620 W Mason St
2014-17	Fox Community Credit Union	1820 Main Street
2013-7	Fox Credit Union	411 S Military
2012-1	Multipond America	2301 Hutson Street
2011-1	AutoZone	1168 W. Mason Street
2010-10	McDonalds	1587 Shawano Avenue
2010-14	O'Reilly Auto Parts	1722 Main Street
2010-16	CVS Pharmacy	930 Main Street
2010-17	Fox Communities Credit Union	411 S Military
2010-20	Planet Fitness (Rice Development)	1813-1819 Main Street
2010-23	Rabideau Auto Mart	1461 W. Mason Street
2009-5	Green Tea Restaurant	2276 E Mason Street
2007-6	Kwik Trip #420	1712 East Mason Street
2007-8	Walgreens	116 N Military Ave



Section 6

Pollution Prevention

Attachments



Public Works Department
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Operations 920.448.3535
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Fax 920.448.3102

TO: Steve Grenier – Director of Public Works

FROM: Valerie Joosten – Utility Manager

DATE: February 22, 2024

RE: 2023 MS4 Report Summary – Section 6 Pollution Prevention

The City of Green Bay manages municipal facilities and operations to prevent or reduce pollutant runoff from the City's MS4 to waters of the State as summarized below. The City recently reported its progress towards meeting Total Maximum Daily Load (TMDL) goals to WDNR with the October 31, 2023, submittal of the TMDL Implementation Plan Update report.

Municipal Stormwater Facilities

The City owns or operates 48 structural stormwater best management practices (BMPs), including one (1) newly constructed dry detention pond. Sixteen (16) proprietary sedimentation devices are owned and operated by the City; these include 3 Baysaver Separation System, 2 Continuous Deflective Separation, 1 Filterra Bioretention, 3 Hydroworks, 3 Stormceptor, and 4 Vortechs devices. Additionally, permeable pavement was constructed at one (1) location in 2022. A detailed inventory of municipal stormwater facilities is attached to the MS4 annual report.

See Table 1 below for a summary of the City's stormwater BMPs. Note that the quantities only include BMPs that are City-owned. Previously, quantities also included 3 private BMPs that were in the process of being transferred to City ownership. Since these are not yet municipally owned, they have been omitted from this report. Further, 2 rain gardens and 1 biofiltration system that were previously grouped as 1 BMP are now listed separately.

Table 1 – Municipally Owned or Operated Structural Stormwater Facilities

Stormwater Facilities	Quantity
Wet retention ponds	24
Dry detention ponds	2
Rain gardens	2
Biofiltration systems	1
Constructed wetlands	1
Vegetated swales	1
Permeable pavement	1
Proprietary sedimentation devices	16
TOTALS:	48

Inspections and maintenance of municipal stormwater BMPs occur at least biannually or annually. Biannual inspections typically occur in spring and fall. At select facilities, additional periodic visual inspections (PVOs) are completed following significant runoff events (> 0.5 in). In 2023, 88 inspections were completed for the City's stormwater ponds, constructed wetlands, biofiltration systems, rain gardens, and vegetated swales. All inspections assessed vegetation, structural damage, erosion, and ponding. For ponds and wetlands, additional inspected elements included debris, animal burrows, and encroachments; and water level, color, biological, odor, turbidity, and contaminants. Proprietary sedimentation devices were inspected annually or biannually depending on the location. Twenty-two (22) proprietary sedimentation device inspections occurred in 2023.

Stormwater BMPs receive regular and as-needed maintenance. Maintenance activities include mowing, vegetation removal, herbicide application, prescribed burning, native planting, sediment removal, debris/garbage removal, and animal trapping. Regular mowing and debris/garbage removal are completed by the City. In 2023, contractors McMahon and NES conducted vegetation maintenance at 17 facilities, including mowing, herbicide applications, and native plantings; prescribed burns were completed at Barina Creek and Juza-Shorewood Ponds (P022 and P023), including native seed plantings at Barina Creek Pond (P022). Trapping conducted by Suburban Wildlife Solutions, LLC, took place at 23 facilities in 2023. Records of trapping and maintenance efforts are attached as separate items in the annual report.

Table 2 below summarizes 2023 inspections and maintenance for municipal stormwater facilities.

Table 2 – 2023 Stormwater Facilities Inspections and Maintenance

Facility ID	Type	Inspection(s)	Maintenance
P02	Retention pond (wet)	2	Trapping; Mowing
P03	Retention pond (wet)	2	Trapping; Mowing
P06	Retention pond (wet)	2	-
P07	Retention pond (wet)	3	Trapping; Mowing; Herbicide
P08	Retention pond (wet)	2	Trapping; Mowing; Herbicide
P09	Retention pond (wet)	3	Trapping; Mowing; Herbicide
P011	Retention pond (wet)	2	Trapping; Mowing; Herbicide
P018	Retention pond (wet)	3	Trapping; Mowing
P019	Retention pond (wet)	2	Trapping; Mowing; Herbicide; Herbivore protecting fencing install
P021	Retention pond (wet)	2	Trapping; Mowing; Herbicide
P022	Retention pond (wet)	3	Prescribed burn; Native planting ; Trapping; Mowing; Herbicide
P023	Retention pond (wet)	2	Prescribed burn; Native planting ; Trapping; Mowing; Herbicide
P024	Retention pond (wet)	2	Trapping; Mowing
P029	Retention pond (wet)	2	-
P030	Detention pond (dry)	2	-
P031	Retention pond (wet)	2	Trapping
P032 ¹	Rain garden	2	-
P032 ¹	Rain garden	2	-
P032 ¹	Biofiltration basin	2	-
P033	Constructed wetland	2	Trapping; Mowing; Herbicide
P034	Retention pond (wet)	2	Trapping; Mowing; Herbicide
P035	Retention pond (wet)	2	Trapping; Mowing; Herbicide
P036	Retention pond (wet)	2	Trapping
P037	Retention pond (wet)	2	Trapping
P038	Retention pond (wet)	2	Trapping; Mowing; Herbicide

2023 MS4 Report Summary – Section 6 Pollution Prevention

Facility ID	Type	Inspection(s)	Maintenance
P039	Retention pond (wet)	2	Trapping; Mowing; Herbicide
P041	Retention pond (wet)	2	Trapping; Mowing; Herbicide
P042	Retention pond (wet)	2	Trapping; Mowing; Herbicide
P043	Retention pond (wet)	2	Trapping
DVB046	Vegetated swale	4	Mowing; Herbicide
PP01	Permeable pavement	0 ²	Paver replacement
P048 ³	Detention pond (dry)	0	-
BS1K-1	Prop. sedimentation device	1	Sediment removal/cleaning
BS1K-2	Prop. sedimentation device	1	Sediment removal/cleaning
BS3K-1	Prop. sedimentation device	1	Sediment removal/cleaning
CDS-1	Prop. sedimentation device	1	Sediment removal/cleaning
CDS-2	Prop. sedimentation device	1	Sediment removal/cleaning
F-1	Prop. sedimentation device	1	Sediment removal/cleaning
HW-1	Prop. sedimentation device	2	Sediment removal/cleaning
HW-2	Prop. sedimentation device	2	Sediment removal/cleaning
HW-3	Prop. sedimentation device	2	Sediment removal/cleaning
SC-1	Prop. sedimentation device	1	Sediment removal/cleaning
SC-2	Prop. sedimentation device	1	Sediment removal/cleaning
SC-3	Prop. sedimentation device	1	Sediment removal/cleaning
VOR-1	Prop. sedimentation device	1	Sediment removal/cleaning
VOR-2	Prop. sedimentation device	2	Sediment removal/cleaning
VOR-3	Prop. sedimentation device	2	Sediment removal/cleaning
VOR-4	Prop. sedimentation device	2	Sediment removal/cleaning
Totals:		88	

¹ = Same Facility ID is utilized for interrelated BMPs.

² = Frequent periodic visual inspections conducted by Resiliency Coordinator to assess overall condition.

³ = New construction in 2023.

Structures associated with stormwater BMPs are also maintained by the Department of Public Works. This includes outfalls, culverts, and other associated stormwater structures. Outfall pipes and culverts are cleared of vegetation, sediment, and debris to facilitate sufficient water flow. Structural condition is inspected to assess need for repair.

Biannual maintenance inspections are completed for structures located within the City's greenways. Greenway outfall maintenance inspections are performed for the 10 greenways within the municipality; structural and overall conditions are assessed for all 150 structures. In 2023, 311 inspections were completed for greenway outfall structures. Three (3) maintenance activities were completed in 2023, involving herbaceous/woody vegetation and sediment removal to clear outfall and prevent structural damage.

Stormwater Pollution Prevention Plans

Stormwater pollution prevention plans (SWPPPs) are established for 7 municipal properties: the east/west municipal garage and yard waste sites, Green Bay Water utility building, park and forestry garage, and transit facility. Annual inspections are conducted by Facility Managers in accordance with the SWPPPs. This includes 4 quarterly visual inspections (QVIs), 2 semi-annual inspections, and 1 annual facility site compliance inspection (AFSCI). Inspections were unable to be completed for the east and west municipal garage and yard waste sites in the third quarter due to dry conditions and limited availability of inspector. To prevent this in future permit terms, discussions have occurred to establish procedures for finding alternative inspectors.

Table 3 below provides information on the SWPPP inspections completed in 2023.

Table 3 – 2023 SWPPP Inspections

Facility Site	Date of Inspection (2023)						
	1 st Quarter	2 nd Quarter	1 st Semiannual	3 rd Quarter	Annual	4 th Quarter	2 nd Semiannual
West Side Municipal Garage Site	03/07	06/13	06/02	*	12/06	10/23	12/06
West Side Yard Waste Site	03/07	06/13	06/02	*	12/06	10/23	12/06
East Side Municipal Garage Site	03/07	06/13	06/02	*	12/06	10/23	12/06
East Side Yard Waste Site	03/07	06/13	06/02	*	12/06	10/23	12/06
Water Utility Building	03/01	06/13	06/05	09/06	09/06	10/24	11/30
Park & Forestry Garage	01/20	03/17	05/16	06/26	08/21	09/27	08/21
Transit Facility	01/16	06/13	05/10	09/11	09/12	11/06	11/10

* = Inspection not completed.

Solid Waste Collection and Winter Road Maintenance

As part of the City's leaf collection program, leaf and yard waste is collected in spring and fall, followed by street sweeping to collect remaining debris. Residents are notified of collection dates via social media and press releases. During collection, material piled on the terrace is pulled off and pushed into bulk piles; front-end loaders then load raw material and transport to yard waste sites for processing. Streets are then swept entirely, paying extra attention directly adjacent to curblines. Following the final fall leaf collection, catch basin sump cleaning is performed until material or inlets freeze.

In 2023, four (4) rounds of spring leaf and yard waste collection occurred from Apr. 24 until May 18. Fall collection took place from Oct. 9 until Nov. 30; seven (7) rounds of collection were completed. In total, 91,095 cubic yards of leaf and yard waste were removed during 2023. Following fall collection, 5,456 sumps were cleaned by the City, and 116 tons of material were collected.

The City conducts street sweeping year-round. As part of the street sweeping program, the City operates 3 mechanical broom sweepers and 4 regenerative air cleaners. Street sweeping occurs weekly during the first 6 weeks of spring, beginning between mid-March and April, and then continues biweekly for each City street with curb and gutter drainage until Thanksgiving or weather prohibiting. Spring weekly sweeping is completed curb-to-curb to capture all remaining winter materials. Remaining biweekly sweepings only target gutter lines unless issues are present that require more comprehensive cleaning. In total, the City completed 19 rounds of sweeping; alleyways received 4-6 rounds. Sweeping because of yard waste collection and illicit spills are not included in this count. In 2023, a total of 4,750 tons of material were removed via street sweeping.

In the winter, salt reduction strategies are utilized to minimize the impact to stormwater. Salt, sand, brine, and calcium chloride were spread using calibrated spreader trucks. Materials were spread when conditions were favorable for deicer effectiveness. Reported material usage is tracked by the Street Superintendent through the AVL/GPS system on spreader trucks, and all numbers are reported off paid system (material usage reports) and through brine machine download data. In 2023, the Fleet Manager instructed a salt reduction strategy training at the National APWA Winter Road Maintenance Supervisory Class, and this knowledge was shared with City Operations staff.

Internal Training

Internal training and communication are provided to municipal staff and officials regarding stormwater, permits, procedures, and pollution prevention programs. Elected and municipal officials are made aware of stormwater related information through the Director of Public Works' report. Additionally, officials, alderpersons, committee, and council members are made aware of the City's stormwater management program, city-wide GSI plan, and MS4 annual permit reporting at Sustainability Commission, Improvement and Services (I&S) Committee, and Common Council meetings. Discussions occur between municipal officials and appropriate staff during weekly meetings and as necessary to facilitate education and knowledge of related stormwater topics. Appropriate staff, including facility managers, are informed on progress in meeting permit requirements and any other information deemed necessary by the Stormwater Technician and Director. This includes annual internal training on stormwater pollution prevention plan (SWPPP) inspections and compliance. Training related to collection services and winter road management is recorded and tracked by the Department of Public Works' Operation Division. Other stormwater BMP maintenance and SWPPP training is tracked by the Utility Division.

Refer to "2023 MS4 Report Attachment Summary – Section 2 Public Input and Participation" and "City of Green Bay MS4 Education and Outreach 2020-2023" for more information regarding internal training conducted in 2023.

Additional Attachments

- 1 Municipally Owned Stormwater Management Facilities Inventory
- 2 Contractor Maintenance Records
- 3 Trapping Report
- 4 Greenway Outfall Inspections and Maintenance Summary



Section 6

Pollution Prevention

Municipally Owned Stormwater Management Facilities Inventory

**Municipal Owned Stormwater Management Facilities
Stormwater Pollution Prevention Plan (SWPPP) Sites**

SWPPP Site	Location Description	Parcel ID.	Contact Person(s)	Title	Phone No.
East Side Municipal Garage	1820 Mills Street	21-1223	Nathan Wachtendonk/Chris Pirlot	Fleet Manager/Operations Director	920-492-3751
East Side Yard Waste Site	2530 East Shore Drive	21-286	Nathan Wachtendonk/Chris Pirlot	Fleet Manager/Operations Director	920-492-3751
Park & Forestry Garage	919 N. Crocker Street	18-774	Tom Fritsch/Dan Ditscheit	Assistant Supt. of Parks/Director	920-448-3389
Water Utility	631 S. Adams Street	15-34	Jason Maes/Nancy Quirk	Distribution Manager/General Manager	920-448-3480
West Side Municipal Garage	519 S. Oneida Street	2-45	Nathan Wachtendonk/Chris Pirlot	Fleet Manager/Operations Director	920-492-3751
West Side Yard Waste Site	1470 Hurlbut Street	6-3041	Nathan Wachtendonk/Chris Pirlot	Fleet Manager/Operations Director	920-492-3751
Transit Facility 4569	901 University Avenue	7-531	Kenny Hofer/Patricia Kiewiz	Maintenance Manager/Transit Director	920-448-3451

Municipal Owned Stormwater Management Facilities Ponds

Pond Name	FID	Nearest Street Address	Location Description	Parcel ID.	Owner	Type	Year Constructed
I-43 Business Park:							
NorthWest Pond	02	1000 Kepler Drive	W/O Kepler Dr, E/O I-43, N/O Lowell Dr	21-153	City	Retention (Wet)	2003
NorthEast Pond	03	1000 Kepler Drive	SE Corner of Kepler Dr & Voyager Dr	21-144	City	Retention (Wet)	2003
Mitigation Pond	06	1110 S. Huron Road	S/O E Mason St, W/O Huron Rd, N/O Yeager Dr	21-178	City	Retention (Wet)	2004
Huron & Sitka Pond	07	3279 Sitka Street	NW Corner of Huron Rd & Sitka St	21-7551 & 21-7107	City	Retention (Wet)	2002
Royal Woods Pond	08	Abigail Court & Whittier Road	W/O Huron Rd & Whittier Dr, W/O Abigail Crt	21-27	City	Retention (Wet)	2003
Baird Creek Preserves:							
NorthWest Pond	09	330 N. Huron Road	E/O Huron Rd, N/O Whittier Dr, N/O Peppergrass Dr	21-8169	City	Retention (Wet)	2007
NorthEast Pond	011	3515 Peppergrass Drive	E/O Huron Rd, N/O Whittier Dr, N/O Peppergrass Dr	21-8174	City	Retention (Wet)	2007
Brown County Farms Pond	018	3311 Largo Ridge Drive	N/O Humboldt Rd, W/O Lake Largo Dr	21-258-1	City	Retention (Wet)	2007
Excalibur Pond	021	2670-2672 Kathy Drive	E/O Nicolet Dr to Peterson Rd to Paula St	22-2187 & 22-2155	City	Retention (Wet)	2011
Barina Creek	022	2935 Durham Road	E/O Nicolet Dr, W/O Durham Rd, S/O Church Rd	22-134-1	City	Retention (Wet)	1999-2000
Juza-Shorewood Heights Pond	023	2976 Sussex Road	S/O Church Rd, E/O Sussex Rd, N/O Tidewater Dr	22-2115	City	Retention (Wet)	2004
54 Business Center:							
S5 Pond	024	4320 Rear College Park Drive	S/O Hemlock Rd, SE/O STH 57-54	22-SC512-2	City	Retention (Wet)	2006
West Mason Street Pond	029	NE Cor W Mason St & Hillcrest Dr	E/O Hillcrest Dr, N/O W Mason St	6H-765-1	City	Retention (Wet)	1997
Summer Place Pond (Dry)	030	3164 Summer Place	E/O Hillcrest Dr, S/O W Mason St, N/O Summer Pl	6H-4262	City	Detention (Dry)	2001
McKenzie Pond	031	209 McKenzie Lane	S/O Laverne Dr, S/O Brook Park Dr	21-360-1	City	Retention (Wet)	2009
Berger Street Pond	034	1900 Morrow Street	E/O Henry St, S/O Morrow St, N/O Brook St	21-1218-4	City	Retention (Wet)	2010
Larscheid Pond	035	1211 Wolverine Court	E/O Spartan Rd, S/O Stanford Dr, W/O Wolverine Crt	21-240-9	City	Retention (Wet)	2010
The Woods Pond	036	530 Erie Road	E/O Huron Rd, S/O Sitka Rd	21-40	City	Retention (Wet)	2010
Wilder Park Pond	037	2590 Robinson Avenue	S/O E Mason St, W/O Robinson Ave, NE Lutheran HS	21-129-1	City	Retention (Wet)	2010
Mossy Oak Restoration and Stablization	038	2970 Mossy Oak Circle	W/O Mossy Oak Cir, SW/O Baird Park	21-342-1	City	Retention (Wet)	2017
Mills Street Pond	039	1700 Mills Street	W/O Henry St, S/O Mills St	21-1203-2-1	City	Retention (Wet)	2012
Superior Road Pond	041	2975 Sitka Road	NE Corner of Superior Road and Sitka Street	21-52-1	City	Retention (Wet)	2019
Christa McAuliffe Pond	042	3100 Sitka Street	W/O Huron Rd, N/O Sitka St, Christa McAuliffe Park	21-33	City	Retention (Wet)	2014
Wolf Pack Pond	043	2230 Angie Avenue	W/O Angie Ave, N/O Chip St, E/O N Quincy St	20-682 & 20-682-1	City	Retention (Wet)	2019
Eaton Heights Pond	019	1028 Aldine Court	E/O Aldine Ct, W/O Mendota Dr, S/O Mahon Creek	21-7925	City	Retention (Wet)	2005
Seymour Park East Pond (Dry)	048	0 S Ashland Avenue	W/O S Maple Ave, E/O S Ashland Ave, Seymour Park	3-1144	City	Detention (Dry)	2023

Revised 2/21/2024

Municipal Owned Stormwater Management Facilities
Miscellaneous Facilities

Miscellaneous Facility Name	FID	Nearest Street Address	Location Description	Parcel ID	Owner	Type	Year Constructed
N. Webster Depressed Vegetative Boulevard	DVB_046	Webster Avenue	University Avenue to Radisson Street	N/A	City	Depressed vegetated boulevard	2019
Eliza Street Permeable Pavement	PP_01	440 Eliza St.	W/O Eliza St., S/O S Madison St., E/O Fox River Trail	N/A	City	Permeable pavement	2022
McAuliffe Rain Garden (1)	P_032	3100 Sitka Street	W/O Huron Rd, N/O Sitka St, Christa McAuliffe Park	21-33	City	Rain garden	2008
McAuliffe Rain Garden (2)	P_032	3100 Sitka Street	W/O Huron Rd, N/O Sitka St, Christa McAuliffe Park	21-33	City	Rain garden	2008
McAuliffe Biofiltration Basin	P_032	3100 Sitka Street	W/O Huron Rd, N/O Sitka St, Christa McAuliffe Park	21-33	City	Biofiltration basin	2008
Basten Street Wetland	P_033	2130 Basten Street	NE Cor of Danz Ave & Basten St	21-304	City	Wetland	2009

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**Municipal Owned Stormwater Management Facilities
Proprietary Sedimentation Devices**

Manufacturer	Facility ID	Nearest Street Address	Location Description	Northing	Easting	Owner	Type	Year Constructed	Drainage Area to Device (ac)
BS1K-1	10374	806 Red Fox Lane	EB W Mason Frontage Rd	571689.4997	73619.31977	City	Proprietary Sedimentation Device	2004	6.97
BS1K-2	10371	1949 Treeland Drive	Wood Ln, Ironwood Dr to Treeland Dr	566020.5117	81022.11664	City	Proprietary Sedimentation Device	2004	4.25
BS3K-1	8968	452 Meadow Wind Drive	S Huron Rd, Dreamer Ln to Meadow Wind Dr	559471.6062	124467.9923	City	Proprietary Sedimentation Device	2004	10.7
CDS-1	827	2644 Red Fern Lane	Packerland Dr, Red Fern Ln to Springcrest Pl	563416.0133	77074.79317	City	Proprietary Sedimentation Device	2004	12.3
CDS-2	8700	3494 Wiggins Way	Sussex Rd to Wiggins Way	576833.3746	127953.7728	City	Proprietary Sedimentation Device	2004	5.09
F-1	9958	115 N. Washington Street	E Walnut St to Washington St	567960.4511	99856.73088	City	Bioretention Device	2012	0.27
HW-1	9827	1820 Mills Street	Henry St to Mills St	563039.4573	109647.9721	City	Proprietary Sedimentation Device	2011	2.05
HW-2	11197	519 S. Oneida Street	W Mason St to Oneida St	568403.4043	92116.48914	City	Proprietary Sedimentation Device	2010	1.43
HW-3	11179	519 S. Oneida Street	W Mason St to Oneida St	568954.8225	92068.73464	City	Proprietary Sedimentation Device	2011	4.74
SC-1	8983	North Huron Road	N/O Star Creek Crt & Bridge	561901.1866	126002.1947	City	Proprietary Sedimentation Device	2004	1.08
SC-2	8980	North Huron Road	N/O Star Creek Crt & Bridge	562177.3747	126291.6718	City	Proprietary Sedimentation Device	2004	2.05
SC-3	8904	3645-3697 Wildcat Trail	Spartan Rd, Collegiate Way to Inspiration Ave	569768.9996	129775.9529	City	Proprietary Sedimentation Device	2004	5.69
VOR-1	4914	491 Harvest Road	Edgewood Dr, Hillside Ln to Harvest Rd	559060.1146	115012.1146	City	Proprietary Sedimentation Device	2004	6
VOR-2	9826	1820 Mills Street	Henry St to Mills St	563313.6891	109870.7102	City	Proprietary Sedimentation Device	2010	1
VOR-3	9957	1820 Mills Street	Henry St to Mills St	563137.9296	109518.9048	City	Proprietary Sedimentation Device	2010	0.3
VOR-4	11196	519 S. Oneida Street	W Mason St to Oneida St	568816.5852	92009.83778	City	Proprietary Sedimentation Device	2010	0.42

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Section 6

Pollution Prevention

Contractor Maintenance Records

City of Green Bay Stormwater Management Facility Maintenance

By McMahon (Contractor)

SW Facilities\Task	Dates		
	22 Jul - 29 Jul	3 Sep - 30 Sep	1 Oct - 28 Oct
BC Preserves NE Pond:			
Blanket Herbicide Prairie Area			
Supply and Seed Prairie Seed Mixes			
Supply and Install 150 Softstem Bulrush			
Supply and Seed Shoreline Seed Mix			
Mow Prairie 3x			
Spot Herbicide, Hand Pull, and Mow Invasives in Prairie	x		x
Herbicide Cattails, Phrag, Loosestrife, Woody Veg. in Wetlands			x
Transplant Wetland Plants			
Broadleaf Herbiciding of bordering Non-Prairie Area			
Prescribed Prairie Burn			

BC Preserves NW Pond:			
Blanket Herbicide Prairie Area			
Supply and Seed Prairie Seed Mixes			
Supply and Install Erosion Control Blanket			
Mow Prairie 3x			
Spot Herbicide, Hand Pull, and Mow Invasives in Prairie	x		x
Broadleaf Herbiciding of bordering Non-Prairie Area			
Prescribed Prairie Burn			

Basten Street Wetlands			
Blanket Herbicide Prairie Area			
Supply and Install 300 Softstem Bulrush Aquatic Plants			
Supply and Install Goose Fencing			
Supply and Seed Wet Prairie Seed Mix			
Supply and Seed Mesic Prairie Seed Mix			
Supply and Erosion Control Blanket			
Supply and Seed Shoreline Seed Mix			
Mow Prairie 3x			
Spot Herbicide, Hand Pull, and Mow Invasives in Prairie	x		x
Herbicide Cattails, Phrag, Loosestrife, Woody Veg. in Wetlands			x
Transplant Wetland Plants			
Supply and Plant 2 swamp White Oaks			
Prescribed Prairie Burn			

Larscheid Pond			
Supply and Install 443 Aquatic Plants			
Spot Herbicide, Hand Pull, and Mow Invasives in Prairie	x		x
Supply and Seed Wet Prairie Mix			
Supply and Erosion Control Blanket			
Herbicide Cattails, Phragmites, Woody Vegetation, etc. in Wetlands			
Prescribed Prairie Burn			

Mills Street Pond			
Blanket Herbicide Prairie Area			
Goose Fencing Repair			
Supply and Install 4,448 Aquatic Plants			
Supply and Install One 1-Inch Swamp White Oak			
Supply and Install Goose Fencing			
Supply and Seed Mesic Prairie Seed Mix			
Supply and Seed Wet Prairie			
Supply and Install Erosion Control Blanket			
Supply and Install 400 Softstem Bulrush			
Supply and Seed Shoreline Seed Mix			
Spot Herbicide, Hand Pull, and Mow Invasives in Prairie	x		x
Herbicide Cattails, Phrag, Loosestrife, Woody Veg. in Wetlands			x
Transplant Wetland Plants			
Prescribed Prairie Burn			
Mow the Prairie Two Times			

Excalibur Pond			
Supply and Seed Mesic Prairie Seed Mix			
Spot Herbicide, Hand Pull, and Mow Invasives in Prairie	x		x
Herbicide Cattails, Phrag, Loosestrife, Woody Veg. in Wetlands		x	
Transplant Wetland Plants			
Prescribed Prairie Burn			
Cut Trees and Brush			

Superior Pond			
Spot Herbicide, Hand Pull, and Mow Invasives in Prairie	x		x
Herbicide Cattails, Phrag, Loosestrife, Woody Veg. in Wetlands			x

**City of Green Bay Stormwater Management Facility Maintenance
By NES (Contractor)**

SW Facilities\Task	Dates				
	1 Jan - 3 Apr	4 Apr - 21 May	22 May - 23 Jul	24 Jul - 27 Aug	28 Aug - 31 Dec
Barina Creek:					
Herbicide Applications	x	x	x	x	x
Woody Vegetation Control					x
Mowing			x	x	x
Controlled Prairie Burn		x			
Burn Administration		x			
Site Preparation Herbiciding & Discing			x	x	x
Furnish & Install Prairie and Wetland Seed					x
Furnish & Install Emergent Plant Plugs					
Furnish, Install & Remove Herbivore Protection Fencing					
Furnish & Install Class I, Urban, Type A Erosion Control Blanket (if necessary)					

Berger Street Pond					
Herbicide Applications	x		x	x	x
Woody Vegetation Control					x
Mowing			x		
Conduct Controlled Prairie Burn					
Perform Prairie Burn Administration					
Site Preparation Herbiciding & Discing					
Furnish & Install Side Slope Prairie & Seed					
Furnish & Install Emergent Plant Plugs					
Furnish, Install & Remove Herbivore Protection Fencing					
Furnish & Install Class I, Urban, Type A Erosion Control Blanket (if necessary)					

Christa McAuliffe Park Pond					
Herbicide Applications	x		x	x	x
Cut & Treat Woody Vegetation					x
Mowing				x	
Controlled Prairie Burn					
Burn Administration					
Site Preparation Herbiciding and Discing					
Furnish and install Side Slope Prairie & Wetland Seed					
Furnish & Install Emergent Plant Plugs					
Furnish, Install & Remove Herbivore Protection Fencing					
Furnish & Install Class I, Urban, Type A Erosion Control Blanket (if necessary)					

Eaton Heights Pond					
Herbicide Applications	x		x	x	x
Woody Vegetation Control					
Mowing			x		x
Controlled Prairie Burn					
Burn Administration					
Site Preparation Herbiciding & Discing					
Furnish & Install Side Slope Prairie & Wetland Seed					
Furnish & Install Emergent Plant Plugs					
Furnish, Install & Remove Herbivore Protection Fencing			x		
Furnish & Install Class I, Urban, Type A Erosion Control Blanket					

Huron & Sitka Pond					
Herbicide Applications	x		x	x	x
Cut & Treat Woody Vegetation					x
Mowing					
Controlled Prairie Burn					
Burn Administration					
Site Preparation Herbiciding and Discing					
Furnish and install Side Slope Prairie & Wetland Seed					
Furnish & Install Emergent Plant Plugs					
Furnish, Install & Remove Herbivore Protection Fencing					
Furnish & Install Class I, Urban, Type A Erosion Control Blanket (if necessary)					

Juza-Shorewood Pond					
Herbicide Applications	x	x	x		x
Cut & Treat Woody Vegetation					x
Mowing			x	x	
Controlled Prairie Burn		x			
Burn Administration		x			
Site Preparation Herbiciding & Discing					
Furnish & Install Side Slope Prairie & Seed					
Furnish & Install Emergent Plant Plugs					
Furnish, Install & Remove Herbivore Protection Fencing					
Furnish & Install Class I, Urban, Type A Erosion Control Blanket					

Mossy Oak Pond:					
Herbicide Applications	x	x	x	x	x
Woody Vegetation Control					x
Mowing					x
Controlled Prairie Burn					
Burn Administration					
Site Preparation Herbiciding & Discing					
Furnish & Install Side Slope Prairie & Seed					
Furnish & Install Emergent Plant Plugs					
Furnish, Install & Remove Herbivore Protection Fencing					
Furnish & Install Class I, Urban, Type A Erosion Control Blanket (if necessary)					

Royal Woods Pond:					
Herbicide Applications	x		x	x	x
Woody Vegetation Control					
Mowing				x	
Controlled Prairie Burn					
Burn Administration					
Site Preparation Herbiciding & Discing					
Furnish & Install Side Slope Prairie & Seed					
Furnish & Install Emergent Plant Plugs					
Furnish, Install & Remove Herbivore Protection Fencing					
Furnish & Install Class I, Urban, Type A Erosion Control Blanket (if necessary)					

Voyager Drive Swale					
Herbicide Applications	x				x
Woody Vegetation Control					
Mowing					
Controlled Prairie Burn					
Burn Administration					
Site Preparation Herbiciding & Discing					
Furnish & Install Side Slope Prairie & Seed					
Furnish & Install Emergent Plant Plugs					
Furnish, Install & Remove Herbivore Protection Fencing					
Furnish & Install Class I, Urban, Type A Erosion Control Blanket (if necessary)					

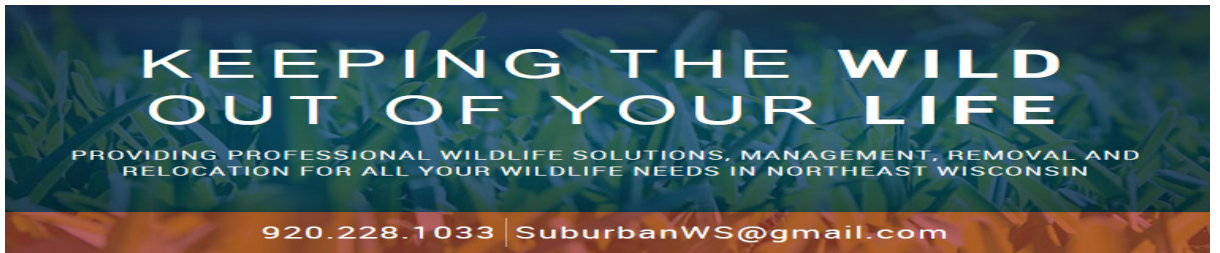
Webster Avenue Swales (DVB)					
Herbicide Applications	x	x	x	x	
Woody Vegetation Control					
Mowing	x			x	
Controlled Prairie Burn					
Burn Administration					
Site Preparation Herbiciding & Discing	x	x			
Furnish & Install Side Slope Prairie & Seed	x			x	
Furnish & Install Emergent Plant Plugs	x		x	x	
Furnish, Install & Remove Herbivore Protection Fencing					
Furnish & Install Class I, Urban, Type A Erosion Control Blanket (if necessary)					



Section 6

Pollution Prevention

Trapping Report



2023 Muskrat Removal Report City of Green Bay

No.	FID	Facility Name	Location	Musk rats Removed	Notes
1	P01	I 43 South Pond	1000 Kepler Drive	1	Needs brush and pragnites cut
2	P02	I 43 NorthWest Pond	1000 Kepler Drive	6	Needs brush and trees around the pond cut
3	P03	I 43 NorthEast Pond	1000 Kepler Drive	10	
4	P07	Huron & Sitka Pond	3279 Sitka Street	3	
5	P08	Royal Woods Pond	102 Abigail Court	4	
6	P09	Baird Creek Preserves NE	3515 Peppergrass Court	3	
	P010	Baird Creek Preserves		3	
7	P011	Baird Creek Preserves NW	3425 Peppergrass Court	7	
8	P018	Brown County Farm Pond	3311 Lake Largo Drive	5	Could use phragmites, brush and trees cut around the pond.
9	P021	Excalibur Pond	2670-2672 Kathy Drive	4	
10	P022	Barina Creek	2935 Durham Road	5	
11	P023	Juza-Shorewood Heights Pond	2976 Sussex Road	2	
12	P024	S5 Pond 54 business center	4320 College Park Drive	9	Willows, brush, and phragmites pretty thick
13	P031	McKenzie Pond	209 McKenzie Lane	8	
14	P033	Basten Street Wetlands	2130 Basten Street	0	
15	P034	Berger Street Pond	1900 Morrow Street	2	
16	P035	Larscheid Pond	1211 Wolverine Court	15	
17	P036	The Woods	530 Erie Road	12	
18	P037	Wilder Park Pond	2590 Robinson Avenue	4	Phragmites and brush could be cut around the pond.
19	P039	Mills Street Pond	1700 Mills Street	12	
20	P042	Christa McAuliffe Park	3100 Sitka Street	0	
21	P038	Mossy Oak Pond	2970 Mossy Oak Circle	5	
22	P041	Superior Road Pond	2975 Sitka Street	3	
23	P043	FRPC-Wolf Pack Pond	2230 Angie Street	0	
24	PO19	Blacksheep Pond	Black Sheep Way	14	
			Total Removed	137	



Section 6

Pollution Prevention

Greenway Outfall Inspections & Maintenance Summary

City of Green Bay
2023 Greenway Outfall Inspections and Maintenance Summary

2021 -DPW Engineering Drainage System (GWOM)	Inspections											Comments		Total Inspections	Location
	Spring					Fall									
	5/11/2023	5/12/2023	5/15/2023	5/16/2023	5/17/2023	12/11/2023	12/12/2023	12/13/2023	12/14/2023	12/15/2023	12/23/2023	Spring Comments	Fall Comments		
Baird Creek 1_Map 1															
280237_M		1				1								2	Henry Street Bridge
280239_M		1				1								2	Henry Street Bridge
280548_M		1				1							Partially submerged	2	near Berger Street Pond
280543_M		1				1						1"-3" sediment Partially submerged	Partially submerged	2	Berger Street Pond
280546		1				1						1"-3" sediment Fully submerged	Partially submerged	2	Berger Street Pond
280585_M		1				1						1"-3" sediment (same as 2022) Partially submerged		2	near Berger Street Pond
280545		1				1								2	near Berger Street Pond
280544_M		1				1						End filled with sediment	3"-6" (more) Noted as problem site, sediment buildup needs to be removed	2	near Morrow Street Bridge
280241_M		1				1						1"-3" sediment Partially submerged	Partially submerged	2	near Danz Elementary School
280019_M		1				1							Partially submerged	2	413 N. Danz Avenue
280243_M		1				1							Partially submerged Floatables, did not identify which kind Noted as a problem site	2	Danz Avenue Bridge
280244		1				1						End filled with sediment (deposition 3-6" in 2022) Full submerged	>1" sediment	2	Basten Street Wetlands
280242		1				1						1"-3" sediment Partially submerged	Partially submerged	2	Basten Street Wetlands
280506_M		1				1							Partially submerged (newly reconstructed)	2	Remington Road
280504		1				1						Stains		2	Sage Drive
280096_M		1				1						Stains	Bottom of endwall broken (no change)	2	Sage Drive
280004		1				1						Stains, orange foam from outfall/behind 170 Thyme Pl >1" sediment		2	Thyme Place
280002		1				1						1"-3" sediment Partially submerged	Partially submerged	2	Burgandy Court
280494_M		1				1								2	Falcon Hill Court
280496_M		1				1								2	Lorraine Terrace
280498		1				1						Foam and sheen This is one already on the repair list (washed out and pipe separated)	This is one already on the repair list (washed out and pipe separated)	2	Deckner Avenue & Swiss Hill
280098		1				1						Foam (same as early 2022) and staining		2	Remington Rd & Majestic Hghts
280590		1				1						Foam and staining >1" sediment Partially submerged	Partially submerged	2	Baird Creek Road
Baird Creek 2_Map 2															
280405_M			1				1					Oil sheen in pipe (same in Fall 2022) >1" sediment		2	Mossy Oak Pond
280404_M			1				1					Foam		2	Mossy Oak Pond
280406			1				1							2	Mossy Oak Pond
280318			1				1							2	McKenzie Pond
280320			1				1							2	McKenzie Pond
280321			1				1							2	McKenzie Pond
280997			1				1					>1" sediment		2	McKenzie Pond
280999			1				1							2	3065 Sitka Street
280044_M			1				1					Partially submerged	Partially submerged	2	Christa McAuliffe Pond
280045			1				1					Partially submerged	Partially submerged	2	Christa McAuliffe Pond
280046_M			1				1							2	
280047			1				1					1"-3" sediment Partially submerged	Partially submerged	2	
280052			1				1							2	HighLand View Lane
280092			1				1							2	near Huron Road Bridge
280094			1				1					1"-3" sediment Fully submerged (noted as problem area)	3"-6" sediment Fully submerged (noted as problem area) Pipe broken and washed out upstream	2	near Huron Road Bridge
280587			1				1					1"-3" sediment Partially submerged	Partially submerged	2	Royal Woods Pond
280588			1				1							2	Royal Woods Pond
280144			1				1							2	Baird Creek Preserves NW Pond
280141			1				1					Sheen and stains 1"-3" sediment		2	Baird Creek Preserves NE Pond
280143			1				1					Partially submerged		2	near Huron Road Bridge
280145_M			1				1					>1" sediment Partially submerged		2	near Huron Road Bridge
280487			1				1					>1" sediment	Partially submerged	2	Brown County Farms Pond
280489			1				1					>1" sediment	Partially submerged	2	Brown County Farms Pond
280491_M			1				1					>1" sediment		2	Brown County Farms Pond

2021 -DPW Engineering Drainage System (GWOM)	Inspections											Comments		Total Inspections	Location
	Spring					Fall									
	5/11/2023	5/12/2023	5/15/2023	5/16/2023	5/17/2023	12/11/2023	12/12/2023	12/13/2023	12/14/2023	12/15/2023	12/23/2023	Spring Comments	Fall Comments		
Baird Creek 3_Map 3															
280147			1					1					1"-3" sediment	2	Huron & Sitka Pond
280146_M			1					1				>1" sediment	>1" sediment, stains Partially submerged	2	Huron & Sitka Pond
280148			1					1				>1" sediment	1"-3" sediment, stains Partially submerged	2	Huron & Sitka Pond
280066			1					1						2	Huron Road
280386			1					1						2	The Woods Pond
280384			1					1					Partially submerged	2	The Woods Pond
280385_M			1					1				>1" sediment Partially submerged	Partially submerged	2	Woods Golf Course
FID_21194_Culvert			1					1				1"-3" sediment Partially submerged Brown water (tubid?)	Partially submerged	2	Erie Road Bridge
280387_M			1					1				3"-6" sediment, trash Grate plugged with leaves, debris (recurring, also a problem site)	1"-3" sediment Partially submerged Floatables, did not identify which kind	2	Golf Court
FID_21816_Culvert			1					1				1"-3" sediment Partially submerged Brown water (tubid?)	3"-6" sediment, grey water Partially Submerged	2	S Grandview Road Bridge
FID_95075_Culvert			1					1				1"-3" sediment Partially submerged Brown water (tubid?) logs/debris causing dam	Partially submerged brush buildup, stains	2	S. Northview Road Bridge
Barina Creek Parkway_Map 4															
280039_M			1					1				1"-3" sediment Partially submerged	1"-3" sediment, stains Partially submerged	2	Barina Creek
280037			1					1				Foam and trash 1"-3" sediment Partially submerged	1"-3" sediment, stains Partially submerged	2	Barina Creek
280035			1					1				>1" sediment To be reconstructed in 2022		2	Barina Creek
280033			1					1				1"-3" sediment Partially submerged To be reconstructed in 2022		2	Barina Creek
280565			1					1				Problem site? (no notes)		2	Barina Creek Drive
FID_19687_Culvert				1				1				1"-3" sediment Partially submerged	1"-3" sediment Partially submerged	2	Church Road
FID_19857_Culvert				1				1				Tree immediately in front of culvert (has been for a while?) partially submerged	Stains/deposits	2	Nicolet Drive
280567			1					1				Segment broken off brown water (turbid?)	Endwall separation, stains	2	Juza-Shorewood Pond
280993				1				1				Green slime (assuming this is algae) 1"-3" sediment (same) Partially submerged	1"-3" sediment, vegetation obstruction Partially submerged	2	S5 Pond
280996				1				1				>1" sediment Partially submerged	>1" sediment	2	S5 Pond
S. Willow Creek_Map 5															
280050_M				1				1				>1" sediment Partially submerged, trash	1"-3" sediment Partially submerged	2	GreenBrier Road
280017_M				1				1				>1" sediment trash	>1" sediment Partially submerged	2	GreenBrier Road
280074_M				1				1				Sheen and green water (same) 1"-3" sediment Partially submerged	1"-3" sediment Partially submerged	2	Walker Drive
280356_M				1				1				Half-full of sediment Partially submerged	1"-3" sediment Partially submerged	2	near Ontario Road Bridge
280015_M				1				1				1"-3" sediment Partially submerged		2	Ontario Road
280360_M				1				1				Sheen and green water (same) 1"-3" sediment Partially submerged	Partially submerged	2	Lowell Drive
280082_M				1				1				Green water (same), trash 1"-3" sediment (same) Partially submerged	1"-3" sediment Partially submerged	2	Yeager Drive
280090_M				1				1				Trash 1"-3" sediment (same) Partially submerged	1"-3" sediment, stains Partially submerged	2	East Mason Street
Nicholson Creek_Map 6															
FID_20357 Culvert				1				1				1"-3" sediment Partially submerged	1"-3" sediment, stains Partially submerged	2	Nicolet Drive Bridge
280470				1				1					Stains/deposits	2	Nicolet Drive
280462				1				1					Stains/deposits	2	Peterson Road
280464_M				1				1				1"-3" sediment Partially submerged	1"-3" sediment, stains Partially submerged	2	
280466				1				1				Partially submerged	Stains/deposits	2	
280467				1				1					>1" sediment, stains, foam Partially submerged	2	Excaibur Pond

2021 -DPW Engineering Drainage System (GWOM)	Inspections											Comments		Total Inspections	Location
	Spring					Fall									
	5/11/2023	5/12/2023	5/15/2023	5/16/2023	5/17/2023	12/11/2023	12/12/2023	12/13/2023	12/14/2023	12/15/2023	12/23/2023	Spring Comments	Fall Comments		
280468				1				1				Partially submerged	>1" sediment, stains, foam Partially submerged	2	Excaibur Pond
Willow Creek 1_Map 7															
2800041					1				1				Foam	2	
280553					1							>1" sediment		1	near Manitowoc Road Bridge
280304					1				1					2	near Manitowoc Road Bridge
280003_M					1				1				1"-3" sediment, stains Partially submerged	2	Wilder Park Pond
280998					1				1			>1" sediment	>1" sediment	2	Wilder Park Pond
280306_M					1				1				Endwall separation	2	Robinson Street NS of Bridge
280008					1				1				Stains/deposits	2	Robinson Street SS of Bridge
280555					1				1			Endwall rusted/corroded	>1" sediment Endwall rusted/corroded	2	Benjamin Court Cul-De-Sac
Willow Creek 2_Map 8															
280150					1				1			1"-3" sediment, trash Partially submerged	>1" sediment, stains	2	Willow Creek Parkway
280589					1				1			Sheen, stains >1" sediment	>1" sediment	2	Van Beek Road Cul-De-Sac
280383					1				1			>1" sediment, trash Partially submerged		2	
280367					1				1			Full submerged recurring problem (unable to locate per Pam)	Full submerged recurring problem (unable to locate per Pam)	2	
280358_M					1				1			>1" sediment, trash Partially submerged	1"-3" sediment Partially submerged	2	E/S of I-43
S. Branch Ellis Creek_Map 9															
FID_9538_Culvert				1				1				1"-3" sediment (less than previously) Partially submerged	3"-6" sediment Partially submerged	2	Auto Plaza Way
280302				1				1				Bank eroded away, exposing pipe, discharging from side >1" sediment Partially submerged	1"-3" sediment Partially submerged	2	Across from 2346 Van Beek Road
280510				1				1				No notes, need to check if endwall was removed...	No notes, need to check if endwall was removed...	2	2410 Heather Court
280583				1				1				>1" sediment	Stains/deposits	2	near Edgewood Drive Bridge
280515_M				1				1				trash		2	
FID_7643_Storm MH				1				1						2	2563-2565 Sun Terrace
FID_7674_Storm MH				1				1						2	841 Aphrodite Road
Mahon Creek_Map 10															
280437				1							1			2	End of Circle Shore Drive
280435_M				1							1	1"-3" sediment Partially submerged	1"-3" sediment Partially submerged	2	End of Circle Shore Drive
280439				1				1				Floatables, did not identify which kind		2	near Nicolet Drive Bridge
Beaver Dam 1_Map 11															
72_M	1								1			Stains 1"-3" sediment Partially submerged	Vegetation was cleared out and some sediment removed in 2023	2	340-348 Military Avenue Bridge
280980	1								1			Several pipe separations 1"-3" sediment Partially submerged	Several pipe separations 1"-3" sediment Partially submerged	2	Larsen Road
280324	1								1			Stains Partially submerged 2022 structure damage comment not longer listed?		2	Taylor Street (near Home Depot)
280326	1								1					2	Taylor Street (near Home Depot)
280328	1								1			Need to dig out end of culvert (buried?) 1"-3" sediment Partially submerged	Fully submerged Pipe becoming buried by sediment/vegetation	2	Taylor Street (near Home Depot)
280330_M	1								1			Floatables (didn't note if trash, foam, or sheen)	Stains/deposits	2	Taylor Street (near Home Depot)
280989_M	1								1					2	Taylor Street (near Home Depot)
280265	1								1					2	Aspen Lane
280987_M	1								1				1"-3" sediment, stains Partially submerged	2	N/S W. Mason & Beaver Dam Drive
280988	1								1			>1" sediment Partially submerged	1"-3" sediment Partially submerged	2	N/S W. Mason & Beaver Dam Drive
Beaver Dam 2_Map 12															
FID_93431_Culvert	1								1			Trash from homeless individual	1"-3" sediment Partially submerged Trash from homeless individual	2	W. Mason St. Bridge over BD
280263	1								1			Stains/deposits 1"-3" sediment Partially submerged		2	Beaver Dam Drive
280261	1								1				Stains/deposits	2	Beaver Dam Drive
280257	1								1			Stains/deposits	Stains/deposits	2	near BD Drive & 6th St Footbridge
FID_93430_Culvert	1								1			Partially submerged	1"-3" sediment Partially submerged	2	BD Drive & 6th St Footbridge
280259	1								1			Fully submerged (same)	Fully submerged (same)	2	near BD Drive & 6th St Footbridge
280247	1								1			Stains/deposits	Stains/deposits	2	N/S of 7th Street Bridge
280249_M	1								1			Foam Stains/deposits	Stains/deposits	2	N/S of 7th Street Bridge
FID_93433 Culvert	1								1			1"-3" sediment (same)	1"-3" sediment (same)	2	7th Street Bridge

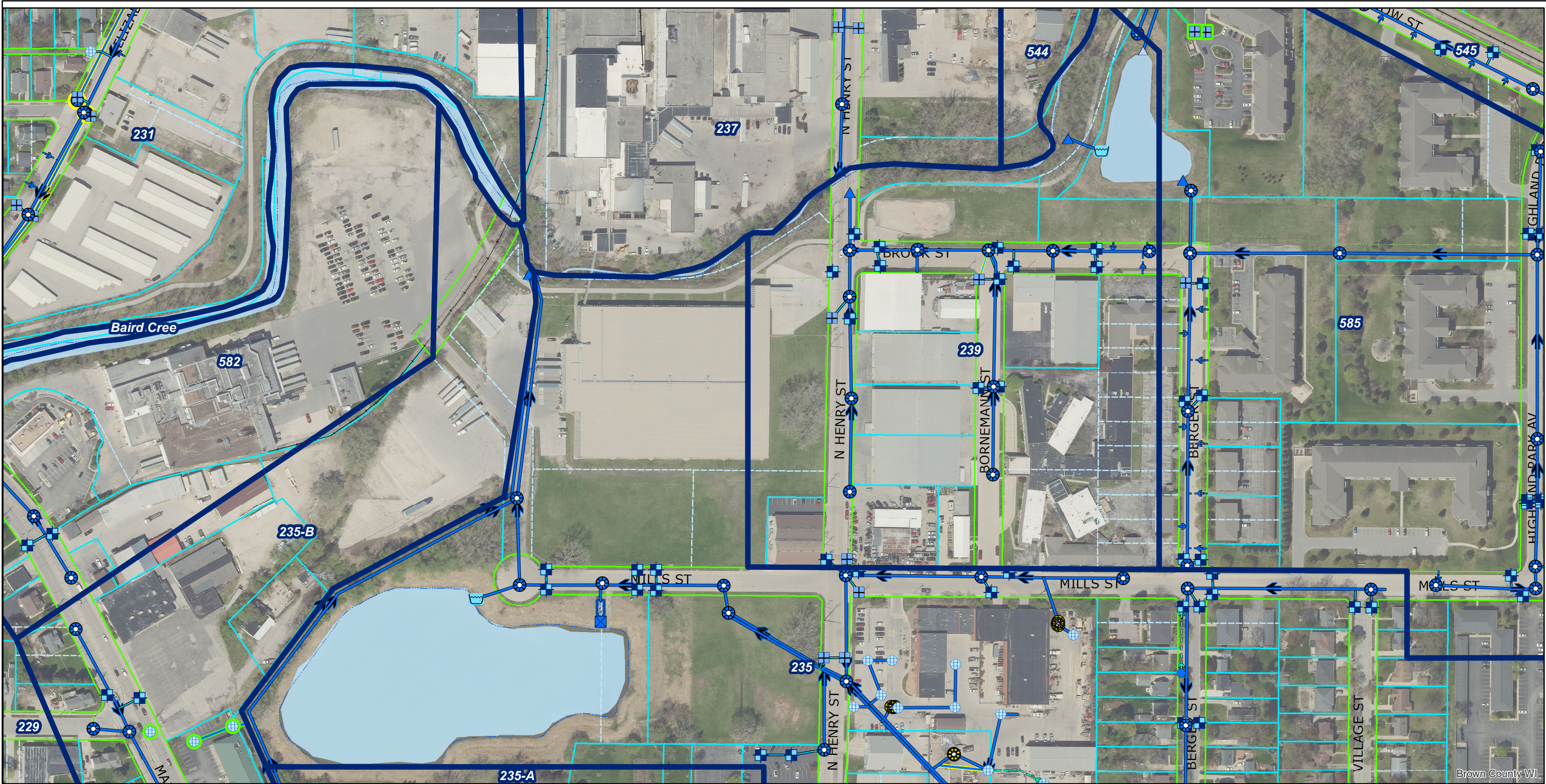
2021 -DPW Engineering Drainage System (GWOM)	Inspections											Comments		Total Inspections	Location
	Spring					Fall									
	5/11/2023	5/12/2023	5/15/2023	5/16/2023	5/17/2023	12/11/2023	12/12/2023	12/13/2023	12/14/2023	12/15/2023	12/23/2023	Spring Comments	Fall Comments		
Beaver Dam 3_Map 13															
280300	1								1			new structure? >1" sediment	1"-3" sediment	2	Taylor Street Bridge
280290	1								1			1"-3" sediment Full submerged (same)	1"-3" sediment Full submerged (same)	2	1196 Michaline Drive
280292	1								1				Partially submerged	2	
280294	1								1			Endwall corroded off	Endwall covered by grass	2	near Chantel St Bridge
280296	1								1					2	
280298	1								1			Ops asked if they could clear a path	Stains/deposits	2	
FID_93432	1								1			Floatables, did not identify which kind >1" sediment (same)	1"-3" sediment Partially submerged	2	Kennedy Elementary School Bridge
280253	1								1			Separated pipe, erosion/damage	Separated pipe	2	9th Street and Wiesner Street
280251	1								1			Sheen 1"-3" sediment (same) Partially submerged	>1" sediment Partially submerged	2	Janice Avenue
280255_M	1								1			Trash 1"-3" sediment (same) Partially submerged	1"-3" sediment Partially submerged	2	Behind Once Upon A Child
Beaver Dam 4_Map 14															
280267_M		1								1				2	He-Nis-Ra Lane
280269_M	1									1			Stains/deposits	2	He-Nis-Ra Lane
280271	1									1		Pipe exposed (no change), erosion >1" sediment Partially submerged	Pipe exposed (no change), erosion	2	He-Nis-Ra Lane
FID_352_Culvert		1								1		vegetation obstruction	vegetation obstruction	2	Packerland Drive
280273		1								1		Sheen and trash	>1" sediment Partially submerged	2	Cor. Packerland & West Point
280344	1									1				2	
FID_3441_Culvert	1									1		Deposits/stains >1" deposits		2	West Point Road
280275	1									1				2	West Point Road
280288	1									1		3"-6" sediments partially inundated recon TBD 2023	Structure replaced	2	2485 San Lorenz Drive
280277	1									1		2 segments separated	2 segments separated	2	2468 West Point Road
FID_3418_Culvert	1									1			Partially submerged	2	Hobart Drive
280279	1									1				2	9th Street
280282	1									1		Partially submerged	Erosion issues	2	Springdale Lane
280284	1									1		last segment of pipe separated	last segment of pipe separated	2	9th Street
280971_M_		1								1		1"-3" sediment Partially submerged	Blue water color [could come from a water dye] 1"-3" sediment Partially submerged	2	Bellwood Lane
LaCount Parkway_Map 15															
280342_M		1								1		1"-3" sediment Partially submerged	>1" sediment Partially submerged	2	near LaCount Road Bridge
FID_941_Culvert		1								1		1"-3" sediment Partially submerged	1"-3" sediment, stains	2	Open Gate Trail Bridge
280332		1								1		Erosion, pipe separation	Erosion, pipe separation	2	3034 Open Gate Trail
280334		1								1		Erosion, pipe separation	Erosion, pipe separation	2	3034 Open Gate Trail
280338		1								1				2	
280336		1								1		Deposits/stains	Stains/deposits	2	
Total Outfall Inspections	40	33	41	29	13	23	24	44	41	21	2			311	
Key: White - non-issue or minimal issues Yellow - Some ongoing issues, require minor maintenance Orange - Some ongoing issues, need to be addressed but not an immediate risk to others and no immediate evidence of illicit discharges Red - significant damage or structural issues that should be addressed soon Total 144 GWOM Structures Total 69 SOM Structures															



Section 7

Storm Sewer Map

Attachments



0 150 300
Feet
1" = 200'
1:2,400

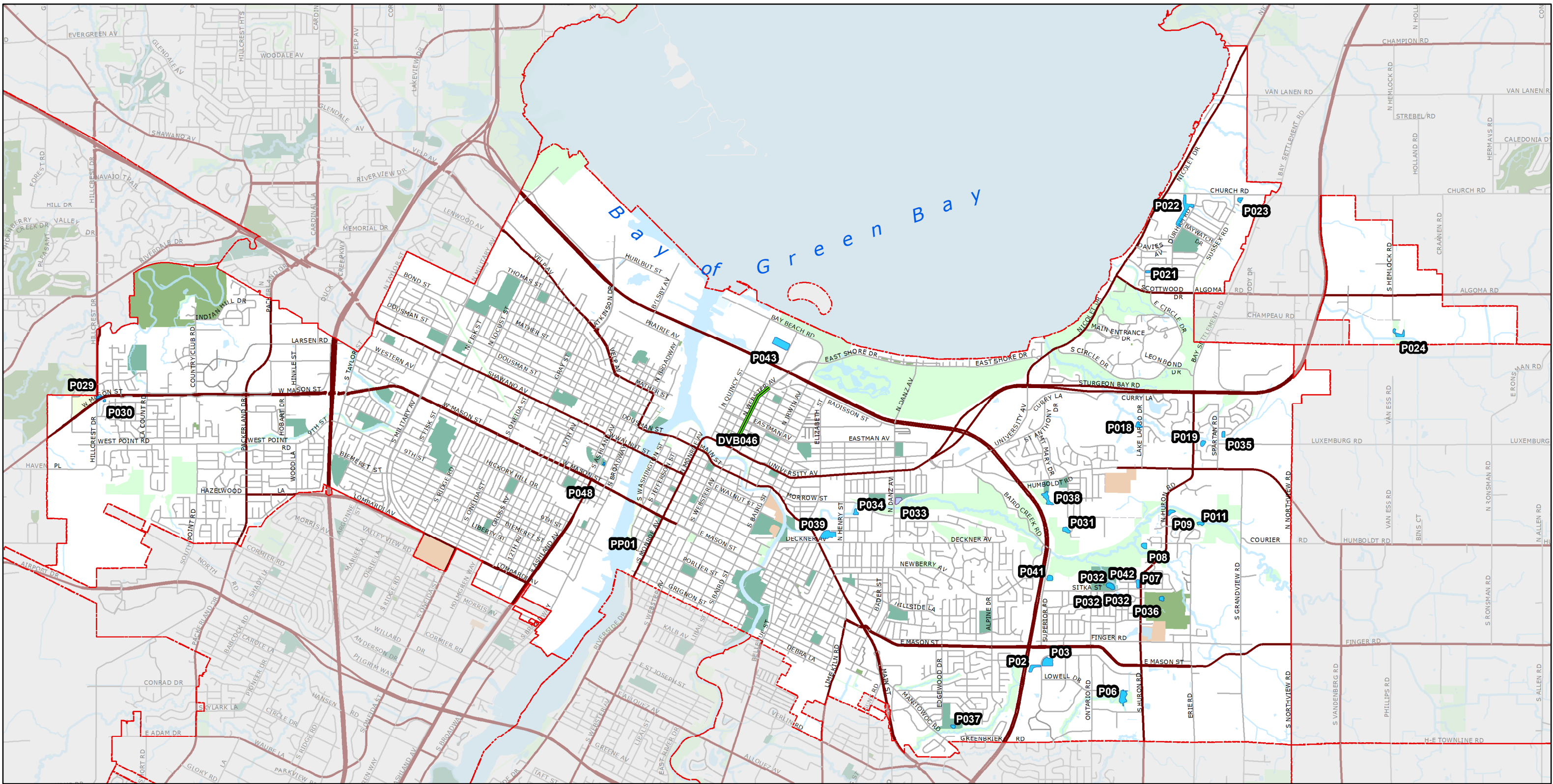
Legend

- | | | | | |
|---------------------|-----------------------|--------------------|----------------------|-----------------------|
| Storm Basins | Minor Outfall | Storm Main | Abandoned Manhole | Private Manhole/Inlet |
| Storm Manhole | Manhole/Inlet | Inlet Lead | Abandoned Storm Main | Private Special Inlet |
| Discharge Structure | Sedimentation Manhole | Mini-Sewer | Abandoned Inlet Lead | Private Storm Main |
| Cleanout | Standard Inlet | Storm Lateral | Private Inlet Lead | |
| Storm Lift Station | Special Inlet | Storm Holding Tank | | |
| Major Outfall | | | | |

City of Green Bay Storm Sewer System Map Example Storm Structure Detail 2023

This is a compilation of records and data located in various City of Green Bay offices and is to be used for reference purposes only. The City of Green Bay is not responsible for any inaccuracies or unauthorized use of the information contained within. No warranties are implied.

Map prepared by City of Green Bay Department of Public Works, A. Adams
Date Printed: 16 Jan 2024
X:\PubWorks\Maps\Maps for Abby\MS4 Annual Report Maps\2022\Example Sewer Detail for DNR.mxd



2000
Feet
1" = 5,000'
1:60,000

Legend

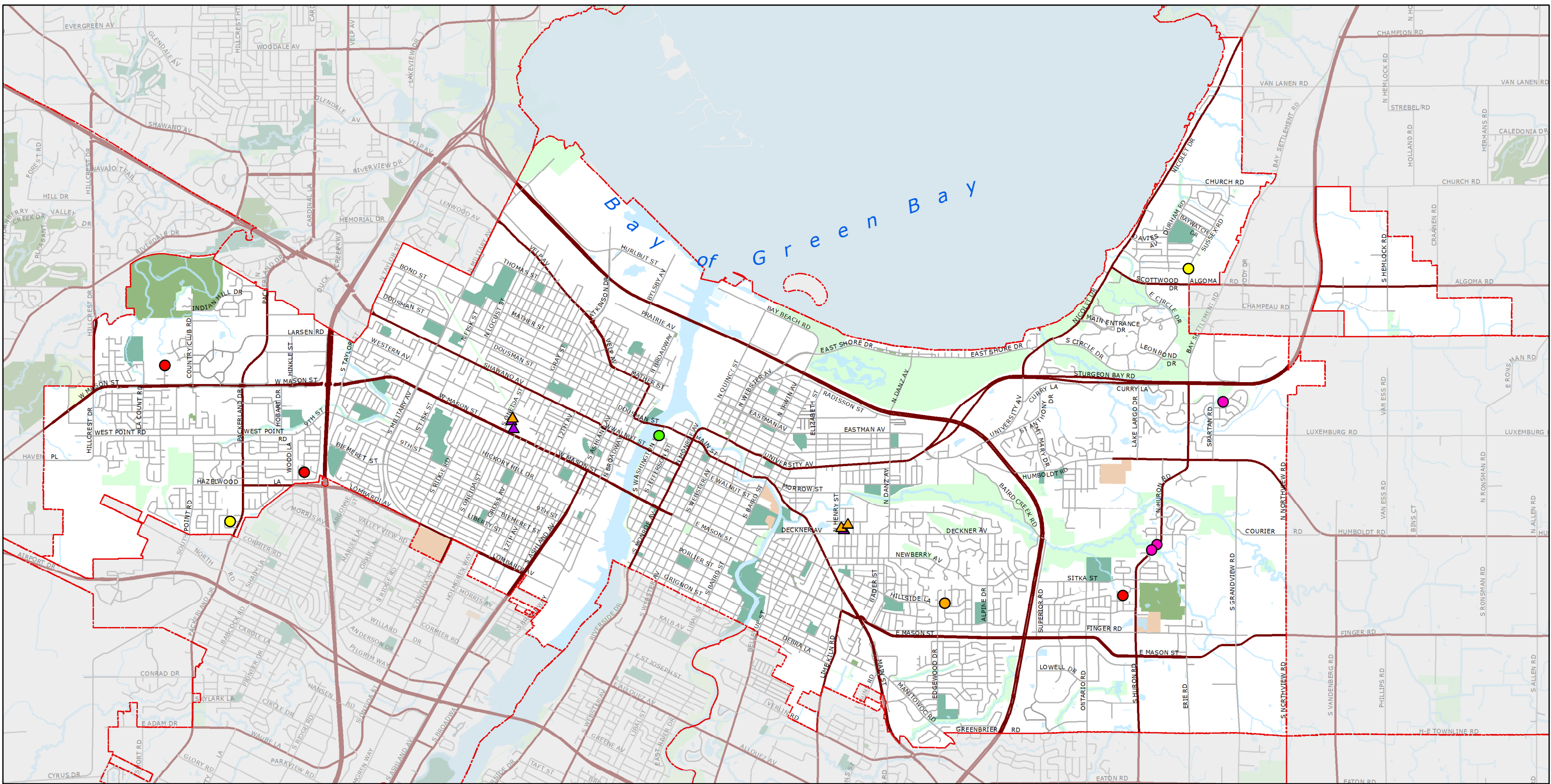
- | | | | |
|---|---------------------|---|-------------------------------|
|  | Storm Water Ponds |  | Permeable Pavement |
|  | Rain Gardens |  | Depressed Vegetated Boulevard |
|  | Wetlands |  | Municipalities |
|  | Biofiltration Basin |  | Lakes, Ponds & Rivers |

City of Green Bay Storm Water Facility Locations 2023

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Map prepared by City of Green Bay Department of Public Works, A. Adams
Date Printed: 19 Feb 2024

X:\PubWorks\Maps\Maps for Abby\MS4 Annual Report Maps\2023\Maps - Updated\Stormwater Facility Locations\Storm Water Facility Locations - Ponds, Swales.mxd



2000
1" = 5,000'
1:60,000

Legend

- BaySaver Separation System (BS1K-1, BS1K-2, BS3K-1)
- Continuous Deflective Separation (CDS-1, CDS-2)
- Filtrerra Bioretention System (F-1)
- Hydroworks HG4/5/6 Separator (HW-1, HW-2, HW-3)

- Stormceptor (SC-1, SC-2, SC-3)
- Vortechnics & Vortechnics 4000-Contech (VOR-1, VOR-2, VOR-3, VOR-4) selection
- Municipalities
- Inspections: ○ = annual
△ = biannual

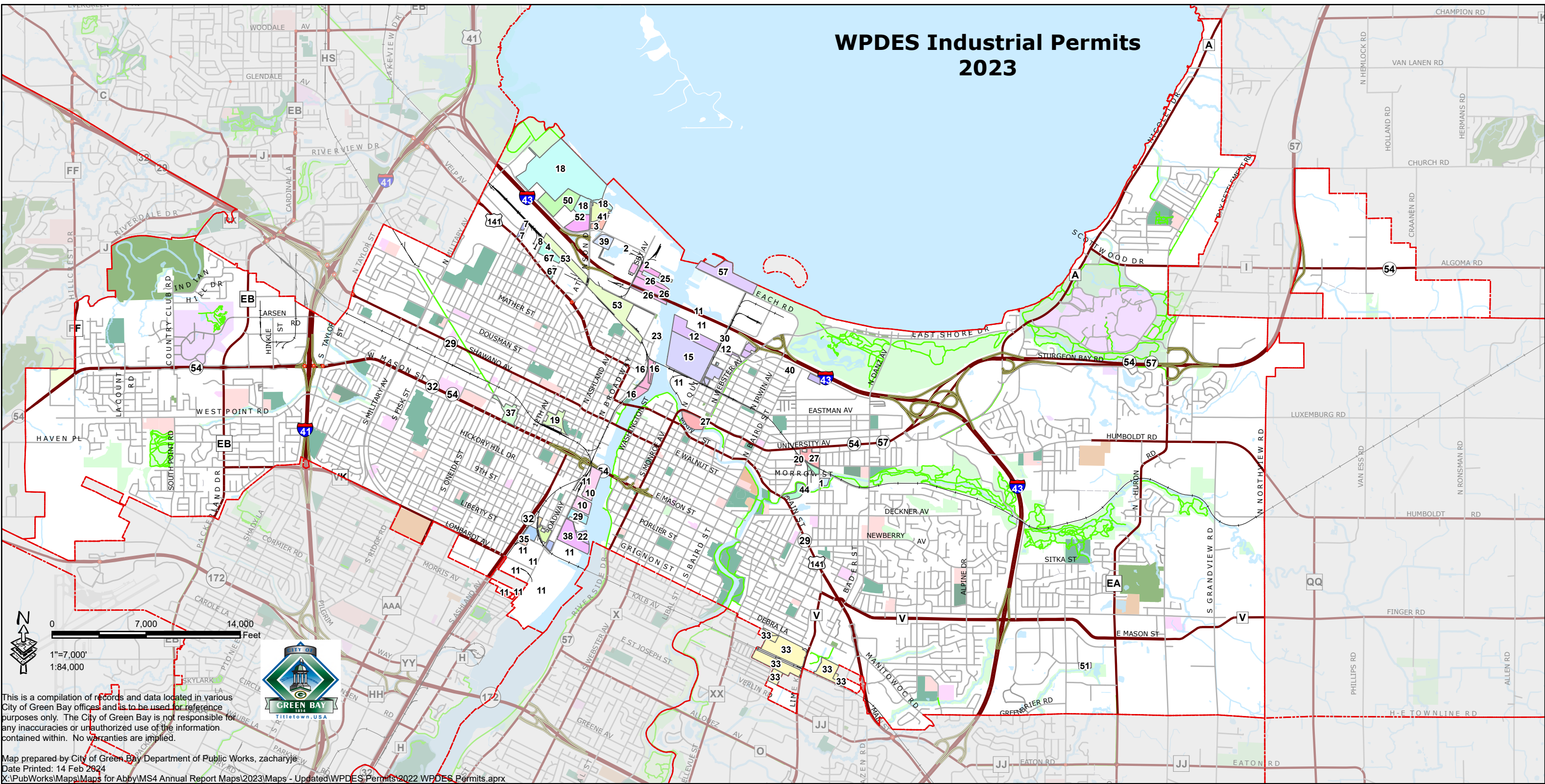
Proprietary Storm Water Sedimentation Devices 2023

This is a compilation of records and data located in various City of Green Bay offices and is to be used for reference purposes only. The City of Green Bay is not responsible for any inaccuracies or unauthorized use of the information contained within. No warranties are implied.

Map prepared by City of Green Bay Department of Public Works, A. Adams
Date Printed: 14 Feb 2024

X:\PubWorks\Maps\Maps for Abby\MS4 Annual Report Maps\2023\Maps - Updated\Proprietary Devices New.mxd

WPDES Industrial Permits
2023



Legend		
1, Gauthier and Sons Construction Inc, Storm Water Industrial Tier 2	18, Brown County-Bay Port Dredged Material Rehandling Facility, Storm Water Industrial Tier 2	32, Halron Lubricants Inc, Storm Water Industrial Tier 2
2, GLC Minerals LLC, Nonmetallic Mining Operations	19, Pickles Manufacturing LLC, Storm Water Industrial Tier 2	33, JBS Packerland Green Bay Inc Lime Kiln, Storm Water Industrial Tier 2
3, Peters Concrete Co, Nonmetallic Mining Operations	20, Carboline Company, Storm Water Industrial Tier 2	35, Kadant Granteck Inc, Storm Water Industrial Tier 2
7, Arrow Auto Inc, Storm Water Auto Parts Recycling	21, Carew Concrete and Supply Co Inc, Storm Water Industrial Tier 2	36, Green Bay Decking LLC-LDI Composites Co, Storm Water Industrial Tier 2
8, Auto Haus on Velp Inc, Storm Water Auto Parts Recycling	22, Construction Resources Mgmt GB Tank Farm, Storm Water Industrial Tier 2	37, La Force Inc, Storm Water Industrial Tier 2
10, C Reiss Coal Co Green Bay, Storm Water Industrial Tier 1	23, E H Wolf & Sons Inc, Storm Water Industrial Tier 2	38, Leicht Transfer and Storage Co, Storm Water Industrial Tier 2
12, Green Bay Packaging Inc Mill Division, Storm Water Industrial Tier 1	25, Flint Hills Resources Pine Bend LLC Green Bay Terminal, Storm Water Industrial Tier 2	39, US Venture Inc, Storm Water Industrial Tier 2
13, Convergen Energy Wi LLC, Storm Water Industrial Tier 1	26, Fox River Terminals LLC, Storm Water Industrial Tier 1	41, Northeast Asphalt Inc, Storm Water Industrial Tier 2
15, The Procter & Gamble Paper Products Co, Storm Water Industrial Tier 1	27, Green Bay Dressed Beef LLC, Storm Water Industrial Tier 2	42, Petersons Welding and Machine Company Inc, Storm Water Industrial Tier 2
16, Graymont Western Lime Inc, Storm Water Industrial Tier 1	29, Green Bay Drop Forge Div, Storm Water Industrial Tier 2	44, Schreiber Foods Inc, Storm Water Industrial Tier 2
		50, Triple P Inc Peters Concrete Co, Storm Water Industrial Tier 2
		51, United Parcel Service Green Bay, Storm Water Industrial Tier 2
		52, Vinton Construction Co, Storm Water Industrial Tier 2
		53, Wisconsin Central LTD-Fox Valley & Western, Storm Water Industrial Tier 2
		57, McDonald Companies, Storm Water Industrial Tier 2
		60, Renco Machine Company Inc, Storm Water Industrial Tier 2
		67, Burrows Midwest LLC, Storm Water Scrap Recycling

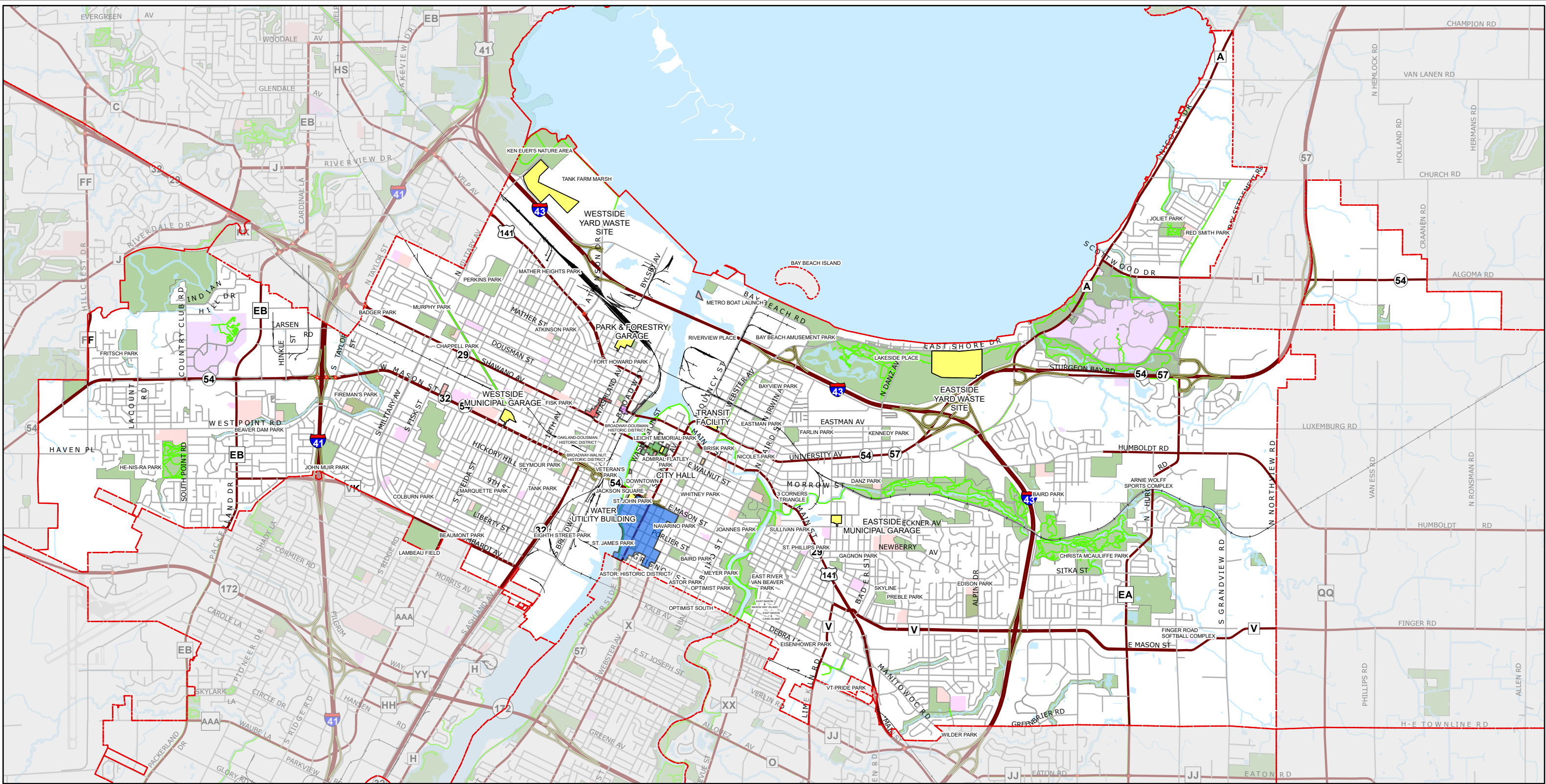
Industrial Stormwater WPDES Permittees within City of Green Bay

Includes Non-metallic mining permittees.

Accessed on Wisconsin Department of Natural Resources Industrial Storm Water Permits Website on 02/08/2024.

FIN	FID	Permit No.	Permittee Name	Facility Name	Site Name	Site Address	MCD	ZIP	SIC_CODE	NO_EMP_AMT	PERMIT_NAME
10715	405167290	S066666	Advance Systems Inc. Division of Thermal Technologies	ADVANCE SYSTEMS INC. DIVISION OF THERMAL TECHNOLOGIES	Advance Systems Inc	1031 Ontario Rd	GREEN BAY - C	54311	3567	50	Storm Water No Exposure
2174		S066666	Alwin Mfg Co Inc	ALWIN MFG CO INC	ALWIN MFG CO INC	1206 Velp Ave	GREEN BAY - C	54306	3469		Storm Water No Exposure
13205	405141770	S059145	Arrow Auto Inc	ARROW AUTO INC	Arrow Auto Inc.	1354 Velp Ave	GREEN BAY - C	54303	5015	9	Storm Water Auto Parts Recycling
6475	405069830	S066666	Atlas Cold Storage	ATLAS COLD STORAGE	Atlas Cold Storage	1731 Morrow Street	GREEN BAY - C	543050220	4222		Storm Water No Exposure
36106	405207990	S059145	Auto Haus on Velp Inc	AUTO HAUS ON VELP INC	Auto Haus Salvage	1361 Tomlin Street	GREEN BAY - C	54311	5015	3	Storm Water Auto Parts Recycling
38735		S066666	Bay Industries Inc	BAY INDUSTRIES INC	Bayland Properties Inc	2929 Walker Drive	GREEN BAY - C	54311	3296		Storm Water No Exposure
11456	405015710	S067857	Brown County	BROWN COUNTY - BAY PORT DREDGED MATERIAL REHANDLING FACILITY	Brown County - Bay Port Dredged Material Rehandling Facility	North Military Ave/Hurlbut St, Green Bay, WI	GREEN BAY - C	54304	9124		Storm Water Industrial Tier 2 Permit
37585	405210630	S058831	Burrows Midwest LLC	BURROWS MIDWEST LLC	Burrows Midwest LLC	1330 Tomlin Street	GREEN BAY - C	53063	5093		Storm Water Scrap Recycling
73760	405261670	S058831	Burrows Midwest LLC	BURROWS MIDWEST LLC	Burrows Midwest LLC	1156 Velp Avenue	GREEN BAY - C	53063	5093		Storm Water Scrap Recycling
11882	405158270	S067849	C Reiss Coal Co Green Bay	C REISS COAL CO GREEN BAY	C Reiss Coal Co Green Bay	111 W Mason St	GREEN BAY - C	543050188	5052	6	Storm Water Industrial Tier 1 Permit
6935	405014390	S067857	Carboline Global Inc	CARBOLINE GLOBAL INC	Carboline Global Inc	614 Elizabeth St	GREEN BAY - C	54308	2851		Storm Water Industrial Tier 2 Permit
8376	405159590	S067857	Carew Concrete and Supply Co Inc	CAREW CONCRETE AND SUPPLY CO INC - GREEN BAY	S MAPLE AVE	1419 S Maple Ave	GREEN BAY - C	54915	3273	12	Storm Water Industrial Tier 2 Permit
80235		S066666	Carnivore Meat Co	CARNIVORE MEAT CO	Carnivore Meat Co - Yeager Drive	3170 Yeager	GREEN BAY - C	543089227	2047		Storm Water No Exposure
80237		S066666	Carnivore Meat Co	CARNIVORE MEAT CO	Carnivore Meat Co - Henry Street	430 North Henry	GREEN BAY - C	54308	2047		Storm Water No Exposure
2778	405179390	S067857	Construction Resources Management Inc	CONSTRUCTION RESOURCES MANAGEMENT - GREEN BAY TANK FARM	Construction Resources Management - Green Bay Tank Farm	123 9th Street, Green Bay, WI 54304	GREEN BAY - C	53187	2951	1	Storm Water Industrial Tier 2 Permit
40746	405098100	S067849	Convergen Energy WI LLC	CONVERGEN ENERGY WI LLC	Convergen Energy WI LLC	600 Liberty Street	GREEN BAY - C	54304	2499	25	Storm Water Industrial Tier 1 Permit
45834		S066666	Culinarte Marketing Group LLC	CULINARTE MARKETING GROUP LLC SITE	Bonewerks Culinarte	808 Packerland Drive	GREEN BAY - C	54303	2099		Storm Water No Exposure
31232	405018570	S067857	E H Wolf & Sons Inc	E H WOLF & SONS INC	Tilot Oil LLC	1121 McDonald St	GREEN BAY - C	53086	5171	10	Storm Water Industrial Tier 2 Permit
44154		S066666	Fedex Ground Package System Inc	FEDEX GROUND PACKAGE SYSTEM INC	Fedex Ground Package System Inc-Angie Avenue	2230 Angie Avenue	GREEN BAY - C	15108	4215		Storm Water No Exposure
1063		S066666	Fiberglass Solutions Inc	FIBERGLASS SOLUTIONS INC	Fiberglass Solutions Inc	1933 Cofrin Drive	GREEN BAY - C	54302	3079		Storm Water No Exposure
40443		S066666	Fincantieri Ace Marine	FINCANTIERI ACE MARINE	Fincantieri Ace Marine	201 S. Pearl Street	GREEN BAY - C	54303	3731		Storm Water No Exposure
3582	405012960	S067857	Flint Hills Resources Pine Bend LLC	FLINT HILLS RESOURCES PINE BEND LLC - GREEN BAY TERMINAL	Flint Hills Resources Pine Bend LLC - Green Bay Terminal	1496 Blysbys Ave, Green Bay, WI 54303	GREEN BAY - C	55077	2951		Storm Water Industrial Tier 2 Permit
1295	405172240	S067849	Fox River Terminals LLC	FOX RIVER TERMINALS LLC	Fox River Terminals LLC	1400 Blysbys Avenue	GREEN BAY - C	54305	4463		Storm Water Industrial Tier 1 Permit
1295	405172240	S067849	Fox River Terminals LLC	FOX RIVER TERMINALS LLC	Fox River Terminals LLC	1400 Blysbys Avenue	GREEN BAY - C	54305	5052		Storm Water Industrial Tier 1 Permit
19278		S066666	Gannett WI Newspapers-GB Press Gazette	GANNETT WI NEWSPAPERS-GB PRESS GAZETTE	Green Bay Press Gazette	435 E Walnut Street	GREEN BAY - C	54911	2711		Storm Water No Exposure
38334	405016480	S067857	Gauthier and Sons Construction Inc	GAUTHIER AND SONS CONSTRUCTION INC	Gauthier and Sons Construction Inc	344 N Henry Street	GREEN BAY - C	54302	4212		Storm Water Industrial Tier 2 Permit
5657	405032870	S066666	Georgia Pacific Broadway LLC	GEORGIA PACIFIC BROADWAY LLC	Georgia Pacific Broadway LLC	1919 S Broadway, Green Bay, WI 54304	GREEN BAY - C	54304	2621		Storm Water No Exposure
5657	405032870	S066666	Georgia Pacific Broadway LLC	GEORGIA PACIFIC BROADWAY LLC	Georgia Pacific Broadway LLC	1919 S Broadway, Green Bay, WI 54304	GREEN BAY - C	54304	2611		Storm Water No Exposure
2270	405032430	S067849	Georgia Pacific Consumer Operations LLC	GEORGIA PACIFIC CONSUMER OPERATIONS LLC - DAY STREET	Georgia Pacific Consumer Operations LLC - Day Street	500 Day Street	GREEN BAY - C	54302	2621		Storm Water Industrial Tier 1 Permit
2575	405104920	S066666	Georgia Pacific Consumer Operations LLC	GEORGIA PACIFIC CONSUMER OPERATIONS LLC	Georgia Pacific Consumer Operations LLC - Ecosource	300 7th Street, PO Box 12481	GREEN BAY - C	543079130	5093		Storm Water No Exposure
1739	405017250	S067857	Georgia Pacific Consumer Products LP	GEORGIA PACIFIC CONSUMER PRODUCTS LP	Northland Landfill Site	North Quincy St NW1/4, Section 30, T24N, R21E	GREEN BAY - C	543079130	2621		Storm Water Industrial Tier 2 Permit
1739	405017250	S067857	Georgia Pacific Consumer Products LP	GEORGIA PACIFIC CONSUMER PRODUCTS LP	Northland Landfill Site	North Quincy St NW1/4, Section 30, T24N, R21E	GREEN BAY - C	543079130	4953		Storm Water Industrial Tier 2 Permit
6182	405033970	S067849	Graymont Western Lime Inc.	GRAYMONT WESTERN LIME INC.	Graymont Western Lime Inc.-Green Bay Plant	137 James Street	GREEN BAY - C	54303	3274		Storm Water Industrial Tier 1 Permit
33369	405197430	S067857	Green Bay Decking LLC	GREEN BAY DECKING LLC	LDI Composites Company	1518 S Broadway	GREEN BAY - C	54304	3089	55	Storm Water Industrial Tier 2 Permit
60937		S066666	Green Bay Dressed Beef LLC	GREEN BAY DRESSED BEEF LLC	Northland Facility	210 Alexander Street	GREEN BAY - C	54303	2013		Storm Water No Exposure
28773		S066666	Green Bay Dressed Beef LLC	GREEN BAY DRESSED BEEF LLC	Green Bay Dressed Beef LLC-620 University Ave	620 University Avenue	GREEN BAY - C	54302	2013		Storm Water No Exposure
7086	405043760	S067857	GREEN BAY DRESSED BEEF LLC	GREEN BAY DRESSED BEEF LLC	Green Bay Dressed Beef LLC-544 Acme St	544 Acme Street, Green Bay	GREEN BAY - C	543088547	2011	1200	Storm Water Industrial Tier 2 Permit
40546		S066666	Green Bay Dressed Beef-Kosher Pit	GREEN BAY DRESSED BEEF-KOSHER PLANT	Northland Kosher plant	210 Alexander St. Green Bay, WI 54308	GREEN BAY - C	54308	2011		Storm Water No Exposure
7970	405036280	S067857	Green Bay Drop Forge Div	GREEN BAY DROP FORGE DIV	Green Bay Drop Forge Div	1341 S State St	GREEN BAY - C	543071797	3462	80	Storm Water Industrial Tier 2 Permit
5878	405004600	S066666	Green Bay Metropolitan Sewerage District	GREEN BAY METROPOLITAN SEWERAGE DISTRICT	Green Bay Metropolitan Sewerage District	2231 North Quincy Street, Green Bay, Wisconsin	GREEN BAY - C	543021248	4952		Storm Water No Exposure
5612	405032100	S067849	Green Bay Packaging Inc	GREEN BAY PACKAGING INC - MILL DIVISION	Green Bay Packaging Inc - Mill Division	1601 N Quincy St, Green Bay, WI	GREEN BAY - C	543079017	2621		Storm Water Industrial Tier 1 Permit
5612	405032100	S067849	Green Bay Packaging Inc	GREEN BAY PACKAGING INC - MILL DIVISION	Green Bay Packaging Inc - Mill Division	1601 N Quincy St, Green Bay, WI	GREEN BAY - C	543079017	2631		Storm Water Industrial Tier 1 Permit
8632	405034520	S066666	Green Bay Packaging Inc	GREEN BAY PACKAGING SHIPPING CONTAINER DIVISION	Green Bay Packaging Shipping Container Division	831 Radisson St, Green Bay, WI 54307	GREEN BAY - C	54307	2653	277	Storm Water No Exposure
1397	405016040	S067857	Halron Lubricants Inc	HALRON LUBRICANTS INC	Halron Lubricants Inc	1618 State St	GREEN BAY - C	543062188	5171		Storm Water Industrial Tier 2 Permit
19290		S066666	Hansen Foods Inc	HANSEN FOODS INC	Hansen Foods Inc	930 Goddard Way	GREEN BAY - C	54311	2038	25	Storm Water No Exposure
40121		S066666	HiTech Enterprises Inc	HITECH ENTERPRISES INC	HiTech Enterprises Inc	825 Ontario Rd. Green Bay, WI 54311	GREEN BAY - C	54311	3590		Storm Water No Exposure
40121		S066666	HiTech Enterprises Inc	HITECH ENTERPRISES INC	HiTech Enterprises Inc	825 Ontario Rd. Green Bay, WI 54311	GREEN BAY - C	54311	8711		Storm Water No Exposure
2111	405012850	S066666	Hudson-Sharp Machine Company	HUDSON-SHARP MACHINE COMPANY	Hudson-Sharp Machine Company	975 Lombardi Ave	GREEN BAY - C	543079038	3565		Storm Water No Exposure
43513		S066666	Ivan Gandrud Chevrolet	IVAN GANDRUD CHEVROLET	Gandrud Auto Parts	919 Auto Plaza Drive	GREEN BAY - C	54305	5015		Storm Water No Exposure
38044		S066666	J&B Distributors Inc	J&B DISTRIBUTORS INC	J&B Distributors Inc	1216 North Buchanan Street	GREEN BAY - C	54303	4213		Storm Water No Exposure
3504	405041780	S067857	JBS Green Bay Inc	JBS GREEN BAY INC LIME KILN	JBS Green Bay Inc Lime Kiln	1330 Lime Kiln Road, Green Bay, WI	GREEN BAY - C	543116044	2011	1300	Storm Water Industrial Tier 2 Permit
3504	405041780	S067857	JBS Green Bay Inc	JBS GREEN BAY INC LIME KILN	JBS Green Bay Inc Lime Kiln	1330 Lime Kiln Road, Green Bay, WI	GREEN BAY - C	543116044	2077	1300	Storm Water Industrial Tier 2 Permit
3634	405104700	S067857	Kadant Grantek Inc	KADANT GRANTEK INC	Kadant GranTek Inc	607 Liberty St	GREEN BAY - C	54304	2679		Storm Water Industrial Tier 2 Permit
344	405024400	S067857	La Force Inc	LA FORCE INC	La Force Hardware and Manufacturing Company	1060 W Mason Street	GREEN BAY - C	543070068	3442	330	Storm Water Industrial Tier 2 Permit
344	405024400	S067857	La Force Inc	LA FORCE INC	La Force Hardware and Manufacturing Company	1060 W Mason Street	GREEN BAY - C	543070068	5072	330	Storm Water Industrial Tier 2 Permit
1391	405090950	S067857	Leicht Transfer And Storage Co.	LEICHT TRANSFER & STORAGE CO	Leicht Transfer And Storage Co	1401 State Street	GREEN BAY - C	543062447	4213		Storm Water Industrial Tier 2 Permit
44676	405223830	S067857	McDonald Companies dba South Bay Marina	MCDONALD COMPANIES DBA SOUTH BAY MARINA	South Bay Marina	101 Bay Beach Road	GREEN BAY - C	54302	4493		Storm Water Industrial Tier 2 Permit
47167		S066666	Mizkan America Inc	MIZKAN AMERICA INC	Mizkan America Inc	410 Seymour St	GREEN BAY - C	54306	2099	3	Storm Water No Exposure
64222		S066666	MV Transportation Inc	MV TRANSPORTATION INC	MV Transportation Inc	2030 Cofrin Drive	GREEN BAY - C	54302	4111		Storm Water No Exposure
38162		S066666	National Packaging Services Corporation	NATIONAL PACKAGING SERVICES CORPORATION	NPS Spillfyter Operations	1680 Bond Street	GREEN BAY - C	54304	2297		Storm Water No Exposure
75527		S066666	Nature's Way	NATURE'S WAY	Nature's Way	3466 E. Mason Street	GREEN BAY - C	54311	2834		Storm Water No Exposure
88027		S066666	NEW Plastics Corp	NEW PLASTICS CORP	Renew Plastics - Green Bay	2120 Angie Drive	GREEN BAY - C	54217	3080		Storm Water No Exposure
88048		S066666	NEW Plastics Corp	NEW PLASTICS CORP	SP Warehouse	1011 Discovery Road	GREEN BAY - C	54217	4225		Storm Water No Exposure
21784	399025550	S067857	Northeast Asphalt Inc Control 25 Job 40025	NORTHEAST ASPHALT INC CONTROL 25 JOB 40025	Northeast Asphalt Inc Control 25 Job 40025	Northeast Region	GREEN BAY - C	53187	2951	3	Storm Water Industrial Tier 2 Permit
21783	399025660	S067857	Northeast Asphalt Inc Control 26 Job 26000	NORTHEAST ASPHALT INC CONTROL 26 JOB 26000	Northeast Asphalt Inc Control 26 Job 26000	Northeast Region	GREEN BAY - C	53187	2951	3	Storm Water Industrial Tier 2 Permit
21782	399025770	S067857	Northeast Asphalt Inc Control 27 Job 27000	NORTHEAST ASPHALT INC CONTROL 27 JOB 27000	Northeast Asphalt Inc Control 27 Job 27000	Northeast Region	GREEN BAY - C	53187	2951	3	Storm Water Industrial Tier 2 Permit
21781	399025880	S067857	Northeast Asphalt Inc Control 28 Job 28000	NORTHEAST ASPHALT INC CONTROL 28 JOB 28000	Northeast Asphalt Inc Control 28 Job 28000	Northeast Region	GREEN BAY - C	53187	2951	3	Storm Water Industrial Tier 2 Permit
3625	405179500	S067857	Northeast Asphalt Inc-Green Bay Asphalt C65	NORTHEAST ASPHALT INC-GREEN BAY ASPHALT C65	Northeast Asphalt Inc-Green Bay Asphalt C65	1524 Atkinson Drive	GREEN BAY - C	543033799	2951		Storm Water Industrial Tier 2 Permit
37973	405027480	S066666	Packer Manufacturing Company Inc	PACKER MANUFACTURING COMPANY INC	Packer Manufacturing Company Inc	1222 Velp Avenue	GREEN BAY - C	54305	3555	6	Storm Water No Exposure
37973	405027480	S066666	Packer Manufacturing Company Inc	PACKER MANUFACTURING COMPANY INC	Packer Manufacturing Company Inc	1222 Velp Avenue	GREEN BAY - C	54305	3554	6	Storm Water No Exposure
500	405023410	S066666	Paper Converting Machine Company	PAPER CONVERTING MACHINE COMPANY	Paper Converting Machine Company	1731 Cofrin Drive, Green Bay	GREEN BAY - C	54302	3554		Storm Water No Exposure
36761	405209970	S067857	Peterson's Welding and Machine Company Inc	PETERSON'S WELDING AND MACHINE COMPANY INC	Peterson's Welding and Machine Co Inc	735 and 727 Klaus Street	GREEN BAY - C	54115	3441	8	Storm Water Industrial Tier 2 Permit
36761	405209970	S067857	Peterson's Welding and Machine Company Inc	PETERSON'S WELDING AND MACHINE COMPANY INC	Peterson's Welding and Machine Co Inc	735 and 727 Klaus Street	GREEN BAY - C	54115	3554	8	Storm Water Industrial Tier 2 Permit
6583	405170260	S067857	Pickles Manufacturing LLC	PICKLES MANUFACTURING LLC	Pickles Manufacturing LLC	857-897 School Place, Green Bay, WI	GREEN BAY - C	54303	2035	188	Storm Water Industrial Tier 2 Permit
3614	405130440	S066666	ProActive Solutions USA, LLC	PROACTIVE SOLUTIONS USA, LLC	ProActive Solutions USA, LLC	301 Bridge Street	GREEN BAY - C	54303	2842		Storm Water No Exposure
54407	405118450	S067857	Renco Machine Company Inc	RENCO MACHINE COMPANY INC	Renco Machine Company Inc	1730 Radisson Street	GREEN BAY - C	54302	3599		Storm Water Industrial Tier 2 Permit
16733	405001410	S066666	RFS Green Bay LLC	RFS GREEN BAY LLC	RFS Green Bay LLC	801 Cedar Street, Green Bay, WI 54301	GREEN BAY - C	54301	2020	2	Storm Water No Exposure
21885		S066666	Riverside Welding Co Inc	RIVERSIDE WELDING CO INC	Riverside Welding Co Inc	500 N Webster Avenue, Green Bay	GREEN BAY - C	54301	3499	9	Storm Water No Exposure
1402	405038920	S066666	Schreiber Foods Inc	SCHREIBER FOODS INC GREEN BAY CREAMERY	Schreiber Foods Inc - Green Bay Creamery	443 N. Henry Street, Green Bay, WI	GREEN BAY - C	54302	2021	65	Storm Water No Exposure
1402	405038920	S066666	Schreiber Foods Inc	SCHREIBER FOODS INC GREEN BAY CREAMERY	Schreiber Foods Inc - Green Bay Creamery	443 N. Henry Street, Green Bay, WI	GREEN BAY - C	54302	2022	65	Storm Water No Exposure
5801	405032980	S067857	SCHREIBER FOODS INC MGB Plant	SCHREIBER FOODS INC MGB PLANT	SCHREIBER FOODS INC - Merlin G. Bush Plant	1695 Mills Street, Green Bay, WI	GREEN BAY - C	54302	2022		Storm Water Industrial Tier 2 Permit

FIN	FID	Permit No.	Permittee Name	Facility Name	Site Name	Site Address	MCD	ZIP	SIC_CODE	NO_EMP_AMT	PERMIT_NAME
48152		S066666	Schwabe North America	SCHWABE NORTH AMERICA	Schwabe North America (Distribution Center)	1441 Ontario Road	GREEN BAY - C	543118328	4225		Storm Water No Exposure
43875		S066666	Schwabe North America Inc	SCHWABE NORTH AMERICA INC	Schwabe North America Inc	825 Challenger Drive	GREEN BAY - C	543118328	2834		Storm Water No Exposure
42907		S066666	Schwabe North America Inc.	SCHWABE NORTH AMERICA INC.	Schwabe North America (Distribution Center)	1401 Ontario Road	GREEN BAY - C	543118328	4225		Storm Water No Exposure
13127	405192810	S066666	Showcase Kitchens Inc	SHOWCASE KITCHENS INC	Showcase Kitchens Inc	3255 Yeager Drive	GREEN BAY - C	54302	2434	60	Storm Water No Exposure
52774		S066666	Smyth Companies LLC	SMYTH COMPANIES LLC	Smyth - Green Bay	942 Ontario Road	GREEN BAY - C	54311	2759		Storm Water No Exposure
5616	405032210	S067849	The Procter & Gamble Paper Products Co	THE PROCTER & GAMBLE PAPER PRODUCTS CO	The Procter & Gamble Paper Products Co Fox River Plant	501 Eastman Ave, Green Bay, WI 54302	GREEN BAY - C	54302	2676		Storm Water Industrial Tier 1 Permit
5616	405032210	S067849	The Procter & Gamble Paper Products Co	THE PROCTER & GAMBLE PAPER PRODUCTS CO	The Procter & Gamble Paper Products Co Fox River Plant	501 Eastman Ave, Green Bay, WI 54302	GREEN BAY - C	54302	2621		Storm Water Industrial Tier 1 Permit
38182		S066666	TLC Graphics Solutions LLC	TLC GRAPHICS SOLUTIONS LLC	Minuteman Press	513B South Military Avenue	GREEN BAY - C	54303	2752		Storm Water No Exposure
2006	405118120	S066666	TNT CRUST	TNT CRUST	TNT Crust	1438 Cedar Street	GREEN BAY - C	54308	2045	90	Storm Water No Exposure
2007	405001850	S066666	TNT CRUST	TNT CRUST	TNT Crust	508 Elizabeth Street	GREEN BAY - C	54308	2045	180	Storm Water No Exposure
58372		S066666	TOSCA Services LLC	TOSCA SERVICES LLC	TOSCA Services LLC	710 Bay Beach Road	GREEN BAY - C	54302	2656		Storm Water No Exposure
39171	405068400	S066666	TOSCA Services, LLC	TOSCA SERVICES, LLC	TOSCA Ltd	860 Bay Beach Rd	GREEN BAY - C	543088127	2499	100	Storm Water No Exposure
8181	998211500	S067857	Triple P Inc Peters Concrete Co	TRIPLE P INC PETERS CONCRETE CO	TRIPLE P INC PETERS CONCRETE CO - Rodgers Crusher C-32-PP	1516 Atkinson Dr	GREEN BAY - C	54303	3273		Storm Water Industrial Tier 2 Permit
414	405044970	S066666	Ultra Plating Corporation	ULTRA PLATING CORPORATION	Ultra Plating Corporation	345 S Pearl St, Green Bay, WI 54303	GREEN BAY - C	54306	3471	15	Storm Water No Exposure
10934	405172020	S067857	United Parcel Service	UNITED PARCEL SERVICE	United Parcel Service Bay View	1065 Discovery Road	GREEN BAY - C	53122	4215	88	Storm Water Industrial Tier 2 Permit
36328	405085670	S066666	US Oil Co Inc	US OIL CO INC	US Oil - Green Bay Buckeye Terminal	410 Prairie Avenue	GREEN BAY - C	54113	5171	2	Storm Water No Exposure
15401	405030890	S067857	US Venture Inc	US VENTURE - US OIL GREEN BAY HURLBUT NORTH TERMINAL	US Venture Inc - US Oil Green Bay Hurlbut North Terminal	1031 Hurlbut Street, Green Bay, WI 54303	GREEN BAY - C	54915	5171		Storm Water Industrial Tier 2 Permit
15391	405033420	S066666	US Venture Inc	US OIL GREEN BAY BYLSBY TERMINAL	US Oil Green Bay Bylsby Terminal	1391 Bylsby Avenue, Green Bay, WI 54303	GREEN BAY - C	54915	5171		Storm Water No Exposure
25264	399026650	S067857	Vinton Construction Company	VINTON CONSTRUCTION COMPANY MOBILE UNIT 1124	Vinton Construction Company - Mobile Unit 1124	1511 Atkinson Dr, Green Bay	GREEN BAY - C	542211987	3273	2	Storm Water Industrial Tier 2 Permit
87345		S067857	Vinton Construction Company	VINTON CONSTRUCTION COMPANY	Green Bay Yard	1511 Atkinson Drive	GREEN BAY - C	542211987	3273		Storm Water Industrial Tier 2 Permit
568		S066666	Western Repair Service, Inc.	WESTERN REPAIR SERVICE INC	WESTERN REPAIR SERVICE INC	1301 Bylsby Ave	GREEN BAY - C	54306	3743		Storm Water No Exposure
25170		S066666	Weston Foods	WESTON FOODS	Weston Foods	1122 Lincoln Street	GREEN BAY - C	54303	2052	75	Storm Water No Exposure
8370	405159920	S067857	Wisconsin Central Ltd-Fox Valley & Western	WISCONSIN CENTRAL LTD-FOX VALLEY & WESTERN	Wisconsin Central-Fox Valley & Western	300 Prairie Avenue	GREEN BAY - C	604301339	4011		Storm Water Industrial Tier 2 Permit
38990		S066666	Wisconsin Fabricating Co	WISCONSIN FABRICATING CO	Wisconsin Fabricating Co	1814 South Broadway	GREEN BAY - C	54306	3441		Storm Water No Exposure
33463	405247040	0046515	Peters Concrete Co	PETERS CONCRÉTE CO GREEN BAY WASH PLANT	Peters Concrete Co	1270 Hurlbut Street	GREEN BAY				Permit is effective. Non-metallic Mining Permit
2982	405041560	0046515	GLC Minerals LLC	GLC MINERALS LLC	GLC Minerals LLC	1400 Bylsby Avenue	GREEN BAY				Permit is effective. Non-metallic Mining Permit
		TOTAL:	107								



0 7,000 14,000 Feet
1"=7,000'
1:84,000

Legend

- City Operated Storage Facility
- Parks

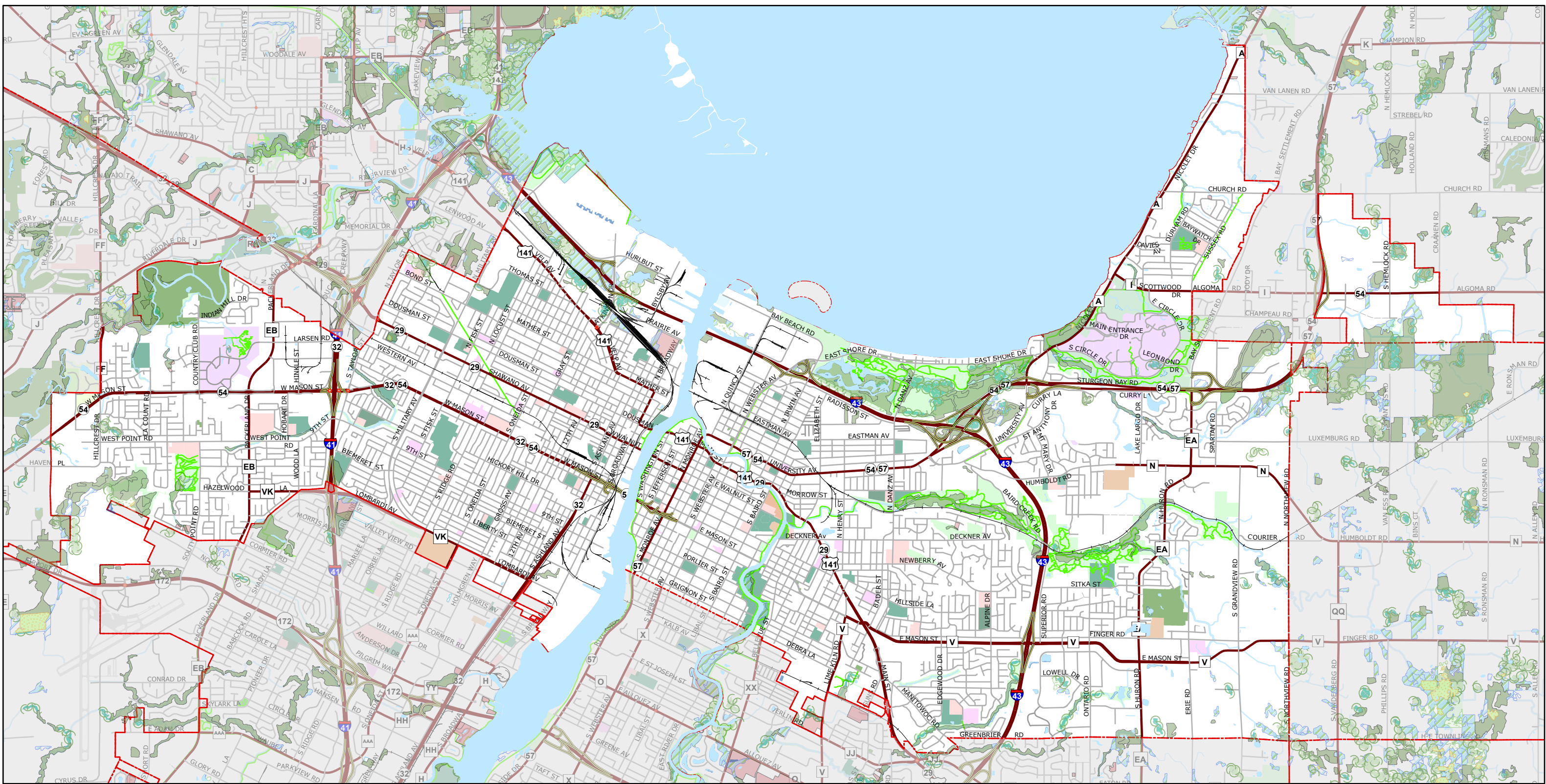
- Astor
- Broadway-Dousman
- Broadway-Walnut
- Downtown
- National Register of Historic Places
- Oakland-Dousman
- Whitney School
- Trails
- Lakes, Ponds & Rivers

City of Green Bay Streets, Parks, Historic Districts and City Operated Storage Facilities 2023

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Map prepared by City of Green Bay Department of Public Works, zacharyje
Date Printed: 14 Feb 2024

X:\PubWorks\Maps\Maps for Abby\MS4 Annual Report Maps\2023\Maps - Updated\Street, Parks, Historic Districts, City Operated Facilities\2021 Streets, Parks_Historic Districts and City Operated Facilities.aprx



0 6,000 12,000
Feet
1"=5,000'
1:60,000

Legend

- | | |
|---|----------------------------------|
| Deep water lake | Forested, Open Water |
| Emergent/wet meadow | Forested, Scrub/shrub |
| Emergent/wet meadow, Flats/unvegetated wet soil | Open Water |
| Emergent/wet meadow, Open Water | Scrub/shrub |
| Filled/drained wetland, Forested | Scrub/shrub, Emergent/wet meadow |
| Forested | Scrub/shrub, Open Water |
| Forested, Emergent/wet meadow | Upland |

2023 Water Classification Wetlands ESA City of Green Bay

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City of Green Bay Receiving Waters
Outstanding Receiving Waters (ORW), Exceptional Receiving Waters (ERW), and 303 (d) Impaired Classifications

Unique_ID/WBIC	Waterbody	Description	Classification	ORW	ERW	303(d)	Date Added	Priority
118100	Baird Creek	Lower Reach {mile 0-3.5}	WWFF	N	N	y	2006	N/A
118100	Baird Creek	Mile 3.5-13.10	WWFF	N	N	y	2008	N/A
	4 unnamed streams in the BairdCreek Watershed	4.67 miles	FAL	N	N	N	-	-
409700	Duck Creek	Mile 0-4.96	WWSF	N	N	y	1998	N/A
409700	Duck Creek	Mile 4.96-25.69	WWFF	N	N	N	-	-
410100	Beaver Dam Creek	Mile 4-5.79	FAL	N	N	N	-	-
3000021	Mahon Creek	Mile 0-2.75	FAL	N	N	N	-	-
5017300	Unnamed Stream	Mile 0.58	FAL	N	N	N	-	-
5017245	Unnamed Stream	Mile 0.55	FAL	N	N	N	-	-
5018176	1 unnamed streams in theBower Creek Watershed	Mile 0-3.17	FAL	N	N	N	-	-
117900	Lower Fox River {Mouth to DePere Dam}	Mile 0-7.39	WWSF	N	N	y	1998	Low
5017372	Unnamed Stream	Mile 0-0.62	FAL	N	N	N	-	-
5017415	Unnamed Stream	Mile 0-5	FAL	N	N	N	-	-
117800	Bay Beach La:oons	49.76 acres	FAL	N	N	N	-	-
	6 unnamed streams in the FoxRiver Watershed	5.93 miles	FAL	N	N	N	-	-
118000	East River	Mile 0-14.15	WWSF	N	N	y	1998	Low
118300	Local Water - Willow Creek	Mile 0-6.51	FAL	N	N	N	-	-
	3 unnamed streams in the EastRiver Watershed	3.1 miles	FAL	N	N	N	-	-
174	Green Bay {Inner Bay, AOC}	13, 867 acres	WWSF	N	N	y	1998	Low
483034	Green Bay {GI Shoreline}	Mile 0-131.2	WWSF	N	N	y		Low

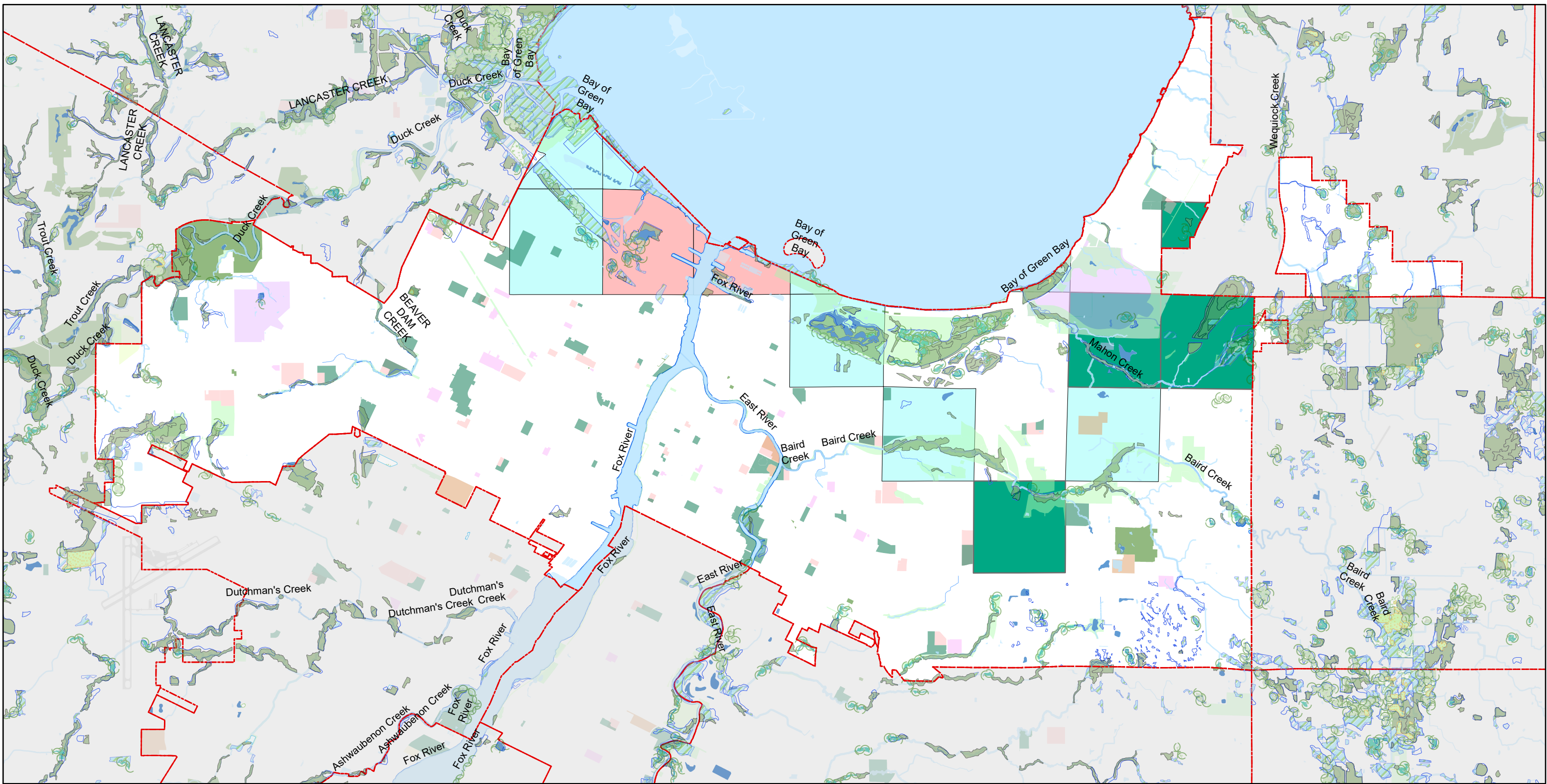
Last Updated 2/7/2023

2023 - No change

Data Sources:

WI DNR Proposed 2022 Impaired Water List

WI DNR Surface Water Data Viewer



0 7,500 15,000 Feet
 1"=7,500'
 1:90,000

Legend

- Terrestrial Species and/or Natural Community
- Terrestrial Aquatic Species and/or Natural Community
- Aquatic Species and/or Natural Community

City of Green Bay Endangered/Threatened Resources 2023

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Map prepared by City of Green Bay Department of Public Works, zacharyje
 Date Printed: 14 Feb 2024

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Brown County Natural Heritage Inventory Data

Common name	Scientific name	WI Status	Federal Status	Group	Sensitive Species
Mottled Dusky Wing	Erynnis martialis	SC/N		Butterfly	
Dwarf Lake Iris	Iris lacustris	THR	LT	Plant~	
Forster's Tern	Sterna forsteri	END		Bird~	
American Eel	Anguilla rostrata	SC/N		Fish~	
Cherrystone Drop	Hendersonia occulta	THR		Snail	
Alvar	Alvar	NA		Community	
Climbing Fumitory	Adlumia fungosa	SC		Plant	
Blanchard's Cricket Frog	Acris blanchardi	END		Frog~	
Western Meadowlark	Sturnella neglecta	SC/M		Bird	
Great Lakes Ridge and Swale	Great lakes ridge and swale	NA		Community~	
Marsh Bedstraw	Galium palustre	SC		Plant~	
Callused Vertigo (Hubricht's Vertigo)	Vertigo arthuri	END		Snail	
Common Tern	Sterna hirundo	END	SOC	Bird~	
Black-crowned Night-Heron	Nycticorax nycticorax	SC/M		Bird~	
Dentate Supercoil	Paravitrea multidentata	SC/N		Snail	
Blunt-lobed Grape-fern	Sceptridium oneidense	SC		Plant	
Handsome Sedge	Carex formosa	THR		Plant	
Wood Turtle	Glyptemys insculpta	THR	SOC	Turtle~	Y
Moist Cliff	Moist cliff	NA		Community	
Emergent Marsh	Emergent marsh	NA		Community~	
Northern Dry-mesic Forest	Northern dry-mesic forest	NA		Community	
American Sea-rocket	Cakile edentula var. lacustris	SC		Plant	
Sculpted Glyph	Glyphyalinia rhoadsi	SC/N		Snail	
Blanding's Turtle	Emydoidea blandingii	SC/P	SOC	Turtle~	
Northern Mesic Forest	Northern mesic forest	NA		Community	
Brilliant Granule	Guppya sterkii	SC/N		Snail	
Long-spurred Violet	Viola rostrata	SC		Plant	
Lake--Shallow, Hard, Seepage	Lake--shallow, hard, seepage	NA		Community~	
Northern Wet-mesic Forest	Northern wet-mesic forest	NA		Community~	
Longear Sunfish	Lepomis megalotis	THR		Fish~	
Snow Trillium	Trillium nivale	THR		Plant	
Black Striate	Striatura ferrea	SC/N		Snail	
Limestone Oak Fern	Gymnocarpium robertianum	SC		Plant	
Flat-stemmed Spike-rush	Eleocharis compressa var. compressa	SC		Plant~	
Seaside Crowfoot	Ranunculus cymbalaria	THR		Plant~	
Great Lakes Beach	Great lakes beach	NA		Community~	
Redfin Shiner	Lythrurus umbratilis	THR		Fish~	
Small-flowered Woolly Bean	Strophostyles leiosperma	SC		Plant	
Southern Sedge Meadow	Southern sedge meadow	NA		Community~	
Upland Sandpiper	Bartramia longicauda	THR		Bird	

Southern Dry-mesic Forest	Southern dry-mesic forest	NA		Community	
Migratory Bird Concentration Site	Migratory Bird Concentration Site	SC		Other~	
Stream--Slow, Hard, Warm	Stream--slow, hard, warm	NA		Community~	
Deep-throated Vertigo	Vertigo nylanderii	SC/N		Snail	
Northern Wet Forest	Northern wet forest	NA		Community~	
Male Fern	Dryopteris filix-mas	SC		Plant	
Pale Green Orchid	Platanthera flava var. herbiola	THR		Plant~	
Lake Sturgeon	Acipenser fulvescens	SC/H		Fish~	
A Leafhopper	Limotettix elegans	SC/N		Leafhopper~	
Shrub-carr	Shrub-carr	NA		Community~	
Peregrine Falcon	Falco peregrinus	END		Bird	
American Bittern	Botaurus lentiginosus	SC/M		Bird~	
Slippershell Mussel	Alasmidonta viridis	THR		Mussel~	
A Predaceous Diving Beetle	Agabus discolor	SC/N		Beetle~	
A Water Scavenger Beetle	Cymbiodyta toddi	SC/N		Beetle~	
Ribbed Striate	Striatura exigua	SC/N		Snail	
Pale Beardtongue	Penstemon pallidus	SC		Plant	
Red-shouldered Hawk	Buteo lineatus	THR		Bird~	
Fernald's Sedge	Carex merriitt-fernaldii	SC		Plant	
Piping Plover	Charadrius melodus	END	LE	Bird~	
Purple Martin	Progne subis	SC/M		Bird	
Swamp Bedstraw	Galium brevipes	SC		Plant~	
Rusty Patched Bumble Bee	Bombus affinis	SC/FL	LE	Bee	
Wilson's Phalarope	Phalaropus tricolor	SC/M		Bird~	
Yellow-headed Blackbird	Xanthocephalus xanthocephalus	SC/M		Bird~	
Least Bittern	Ixobrychus exilis	SC/M		Bird~	
Yellow Bumble Bee	Bombus fervidus	SC/N		Bee	
Yellowbanded Bumble Bee	Bombus terricola	SC/N	SOC	Bee	
Indiscriminate Cuckoo Bumble Bee	Bombus insularis	SC/N		Bee	
Wafer-ash	Ptelea trifoliata ssp. trifoliata var. trifoliata	SC		Plant	
Northern Yellow Lady's-slipper	Cypripedium parviflorum var. makasin	SC		Plant~	
Great Plains Lady's-tresses	Spiranthes magnicamporum	SC		Plant	
Rusty Patched Bumble Bee Federal High Potential Zone	Rusty Patched Bumble Bee Federal High Potential Zone	NA	HPZ	Bee	
Bald Eagle	Haliaeetus leucocephalus			Bird~	

<https://dnrx.wisconsin.gov/nhiportal/public/data/county>

Accessed on 2/20/2024

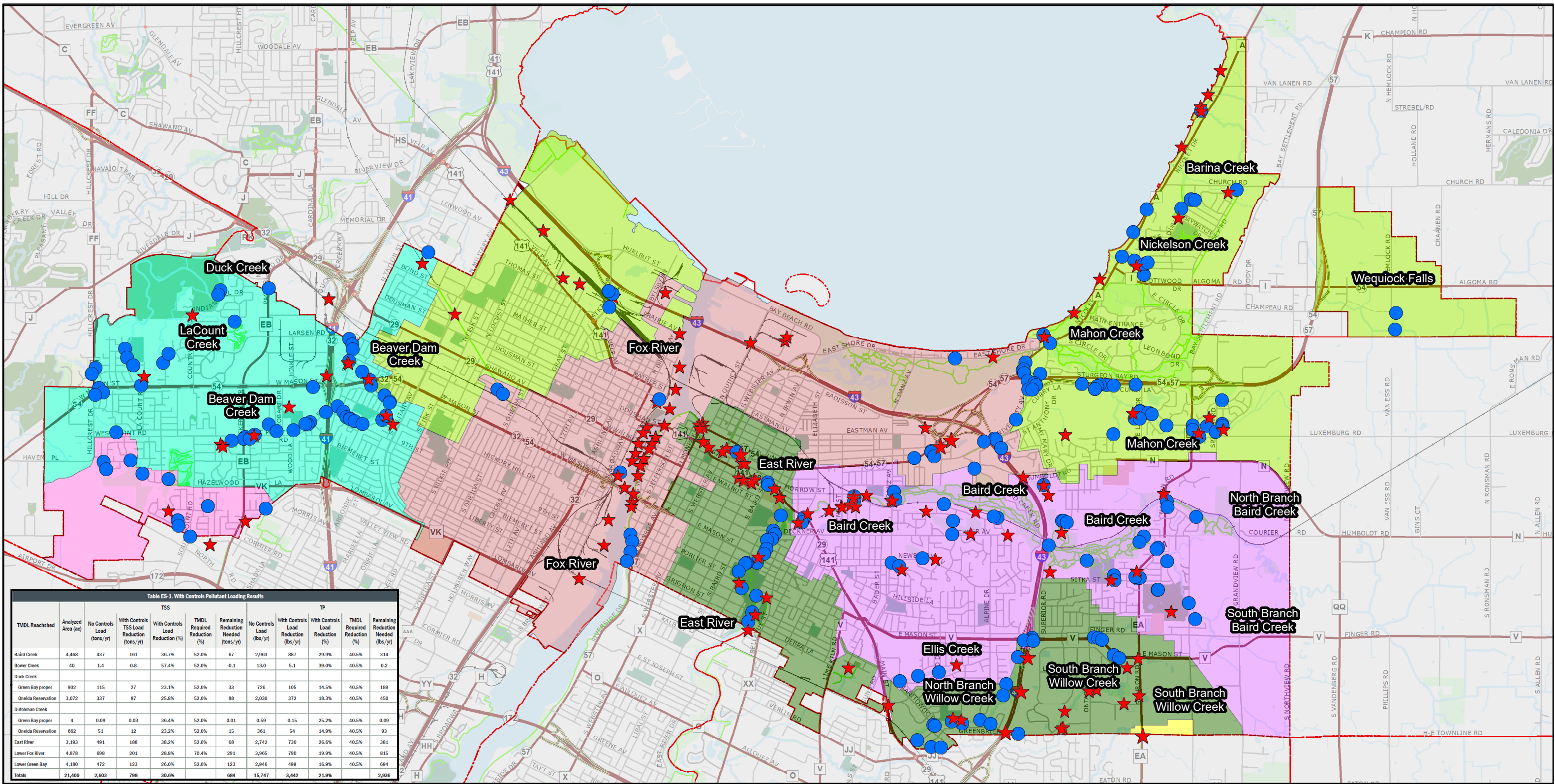


Table ES-1. With Controls Pollutant Loading Results											
TMDL Reachshed	Analyzed Area (ac)	TSS		TP		TSS		TP		TSS	
		No Controls Load (tons/yr)	With Controls Load Reduction (tons/yr)	With Controls Load Reduction (%)	TMDL Required Reduction (%)	Remaining Reduction Needed (tons/yr)	No Controls Load (lbs/yr)	With Controls Load Reduction (lbs/yr)	With Controls Load Reduction (%)	TMDL Required Reduction (%)	Remaining Reduction Needed (lbs/yr)
Baird Creek	4,468	437	161	36.7%	52.0%	67	2,963	887	29.9%	40.5%	314
Bower Creek	40	1.4	0.8	57.4%	52.0%	-0.1	13.0	5.1	39.0%	40.5%	0.2
Duck Creek											
Green Bay proper	902	115	27	23.1%	52.0%	33	726	185	14.5%	40.5%	189
Oneida Reservation	3,072	337	87	25.8%	52.0%	88	2,030	372	18.3%	40.5%	450
Dutchman Creek											
Green Bay proper	4	0.09	0.03	36.4%	52.0%	0.01	0.59	0.15	25.2%	40.5%	0.09
Oneida Reservation	662	51	12	23.2%	52.0%	15	361	54	14.9%	40.5%	93
East River	3,193	491	188	38.2%	52.0%	68	2,742	730	26.6%	40.5%	381
Lower Fox River	4,878	698	201	28.8%	70.4%	291	3,965	790	19.9%	40.5%	815
Lower Green Bay	4,180	472	123	26.0%	52.0%	123	2,946	499	16.9%	40.5%	694
Totals	21,400	2,603	798	30.6%		684	15,747	3,442	21.9%		2,936



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Map prepared by City of Green Bay Department of Public Works, A. Adams
Date Printed: 13 Feb 2024
X:\PubWorks\Maps\Maps for Abby\MS4 Annual Report Maps\2023\Maps - Updated\TMDL Reachsheds.mxd



2000 Feet
1" = 5,000'
1:60,000

Legend

★

Major Outfalls

●

Minor Outfalls

TMDL Reachsheds

Baird Creek

Bower Creek

Duck Creek

Dutchman Creek

East River

Lower Fox River

Lower Green Bay

City of Green Bay

TMDL Reachsheds

2023

GB - GIS



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

February 28, 2024

PREPARED BY

AGENDA ITEM # E.6

Consideration with possible action on request by Department of Public Works to award Parks 1-24 JOANNES PARK- PARKING LOT RESURFACING at a staff level due to timeliness factor and schedule of upcoming Improvement & Services Committee and Common Council meetings.

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

None



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

February 28, 2024

PREPARED BY

AGENDA ITEM # E.7

Consideration with possible action on request by Department of Public Works to enter into a Professional Services Agreement with Mach IV for the design of infrastructure for Arndt and Bridge Streets adjacent to the Shipyard Development.

BACKGROUND

Professional Services Agreement

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

None



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

February 28, 2024

PREPARED BY

AGENDA ITEM # E.8

Consideration with possible action on request by Department of Public Works to award purchase of two Bobcat UW56 Toolcats to Bobcat Plus Inc., in the amount of \$179,603.54.

BACKGROUND

The Department of Public Works utilizes sidewalk tractors year-round for various core functions including snow removal, litter cleanup, yard waste collection and grass cutting. Unit 751, a 2015 Bobcat Toolcat has reached its maximum service life and the replacement has been approved in the 2024 budget. Additionally, to meet the growing demands of the department and to increase the level of service, a second Toolcat and attachments has been approved for purchase in 2024.

RECOMMENDATION

To purchase (2) Bobcat UW56 Toolcats, (1) 72" mower, (1) 68" bucket, (1) snow blower, (1) salter and (1) 68" heavy duty grapple bucket from Bobcat Plus off the Sourcewell Contract #040329-CEC totaling \$179,603.54 which includes delivery, setup, warranty, and operator training.

FISCAL IMPACT

ATTACHMENTS

1. CITY OF GREEN BAY - UW56 - quote-MB289173
2. Toolcats and Attachments Req background and recommendation



Product Quotation
Quotation Number: **MB289173**
Quote Sent Date: **Jan 11, 2024**
Expiration Date: **Feb 10, 2024**

Your Bobcat Contact
Mason Brekke
Phone:
E-mail: mason.brekke@doosan.com

Your Customer Contact

Deliver to
City of Green Bay - Public Works
519 S ONEIDA ST
GREEN BAY, WI, 54303-2009

Bobcat Dealer
Brain Weber
Bobcat Plus, Inc., DePere, WI
1372 MID VALLEY DR.
DEPERE, , 54115

Bill to
NEW GOVERNMENT CUSTOMER
2391333
250 E Beaton Dr
West Fargo, ND, 58078-2656

Item Name	Item Number	Quantity	Price Each	Total
Bobcat UW56	M1225	1	63,825.60	63,825.60
Standard Equipment: Adjustable Vinyl Seats All-Wheel Steer Automatically Activated Glow Plugs Auxiliary Hydraulics Variable Flow with dual direction detent Beverage Holders Bob-Tach Boom Float Cargo Box Support Cruise Control Speed Management Enclosed Cab with HVAC Dual Port USB charger Lower Engine Guard Limited Slip Transaxle Engine and Hydraulic Monitor with Shutdown Front LED Work Lights Full-time Four-Wheel Drive		Horsepower Management Roll Over Protective Structure (ROPS) . Meets Requirements of SAE-J1040 & ISO 3471 Falling Object Protective Structure (FOPS) . Meets Requirements of SAE-J1043 & ISO3449, Level I Dome Light Hydraulic Dump Box Instrumentation: Standard 5" Display with Keyless Start, Engine Temperature and Fuel Gauges, Hour meter, RPM and Warning Indicators. Includes maintenance interval notification, fault display, job codes, quick start, and security lockouts. Joystick, Manually Controlled with Lift Arm Float Lift Arm Support Parking Brake, automatic Power Steering with Tilt Steering Wheel Radiator Screen Rear Receiver Hitch Seat Belts, Shoulder Harness Spark Arrestor Muffler Suspension, 4-wheel independent Tires: 27 x 10.5-15 (8 ply), Lug Tread Toolcat Interlock Control System (TICS) Two-Speed Transmission Machine Warranty: 12 Months, unlimited hours Bobcat Engine Warranty: Additional 12 Months or total of 2000 hours after initial 12 month warranty		
Deluxe Road Package <i>Included:</i> Deluxe Road Package includes: Backup Alarm, Turn Signals, Flashers, Tail Lights, Brake Lights, Rear view mirror, Side Mirrors, Horn, Rear work lights, and headlights	M1225-P01-C01	1	2,364.00	2,364.00
Attachment Control	M1225-R08-C02	1	204.00	204.00

Engine Block Heater	M1225-A01-C02	1	116.00	116.00
Heavy Duty Battery	M1225-R07-C02	1	80.00	80.00
High Flow Package	M1225-R03-C02	1	1,388.80	1,388.80
Interior Trim	M1225-A01-C04	1	172.00	172.00
Power Bob-Tach	M1225-R14-C03	1	920.00	920.00
Radio Option	M1225-R15-C02	1	452.00	452.00
Rear View Camera	M1225-R20-C01	1	300.00	300.00
Traction Control	M1225-R16-C02	1	484.00	484.00
Snow Blower 32X60	M7046	1	5,306.32	5,306.32
MOTOR PACKAGE 130CC (22-28 gpm)	M7046-R01-C03	1	831.44	831.44
72" Mower	7144850	1	5,707.60	5,707.60
SP13 Sand and Salt Spreader	7453395	1	5,031.20	5,031.20
Box Stake Pocket	7190021	1	33.66	33.66
Vibrator Kit	7455401	1	443.75	443.75
68" Heavy Duty Bucket	7272679	1	1,301.12	1,301.12
Bolt-On Cutting Edge, 68"	6718006	1	278.01	278.01
68" Industrial Bucket Grapple	7168340	1	3,720.96	3,720.96
Rear Window Guard	7150926	1	966.09	966.09
36 Month/3000 Hour Full Extended Warranty	9974373	1	2,900.00	2,900.00
	Total for Bobcat UW56			96,826.55
Bobcat UW56	M1225	1	63,825.60	63,825.60
Standard Equipment:				
Adjustable Vinyl Seats				Horsepower Management
All-Wheel Steer				Roll Over Protective Structure (ROPS) . Meets Requirements of SAE-J1040 & ISO 3471
Automatically Activated Glow Plugs				Falling Object Protective Structure (FOPS) . Meets Requirements of SAE-J1043 & ISO3449, Level I
Auxiliary Hydraulics				Dome Light
Variable Flow with dual direction detent				Hydraulic Dump Box
Beverage Holders				Instrumentation: Standard 5" Display with Keyless Start, Engine Temperature and Fuel Gauges, Hour meter, RPM and Warning Indicators. Includes maintenance interval notification, fault display, job codes, quick start, and security lockouts.
Bob-Tach				Joystick, Manually Controlled with Lift Arm Float
Boom Float				Lift Arm Support
Cargo Box Support				Parking Brake, automatic
Cruise Control				Power Steering with Tilt Steering Wheel
Speed Management				Radiator Screen
Enclosed Cab with HVAC				Rear Receiver Hitch
Dual Port USB charger				Seat Belts, Shoulder Harness
Lower Engine Guard				Spark Arrestor Muffler
Limited Slip Transaxle				Suspension, 4-wheel independent
Engine and Hydraulic Monitor with Shutdown				Tires: 27 x 10.5-15 (8 ply), Lug Tread
Front LED Work Lights				Toolcat Interlock Control System (TICS)
Full-time Four-Wheel Drive				Two-Speed Transmission
				Machine Warranty: 12 Months, unlimited hours
				Bobcat Engine Warranty: Additional 12 Months or total of 2000 hours after initial 12 month warranty
Deluxe Road Package	M1225-P01-C01	1	2,364.00	2,364.00

<i>Included:</i> Deluxe Road Package includes: Backup Alarm, Turn Signals, Flashers, Tail Lights, Brake Lights, Rear view mirror, Side Mirrors, Horn, Rear work lights, and headlights					
Attachment Control	M1225-R08-C02	1	204.00	204.00	
Engine Block Heater	M1225-A01-C02	1	116.00	116.00	
Heavy Duty Battery	M1225-R07-C02	1	80.00	80.00	
High Flow Package	M1225-R03-C02	1	1,388.80	1,388.80	
Interior Trim	M1225-A01-C04	1	172.00	172.00	
Power Bob-Tach	M1225-R14-C03	1	920.00	920.00	
Radio Option	M1225-R15-C02	1	452.00	452.00	
Rear View Camera	M1225-R20-C01	1	300.00	300.00	
Traction Control	M1225-R16-C02	1	484.00	484.00	
Rear Window Guard	7150926	1	966.09	966.09	
36 Month/3000 Hour Full Extended Warranty	9974373	1	2,900.00	2,900.00	
Total for Bobcat UW56				74,172.49	
Quote Total - USD				170,999.04	
Dealer P.D.I.				2,100.00	
Freight Charges				2,900.00	
Destination Charges				1,086.00	
Dealer Assembly Charges				1,218.50	
Charges					
Wiring and switch for Customer installed Strobe light				650.00	
Wiring and Switch for Customer installed Strobe light 2nd machine				650.00	
Quote Total - USD				179,603.54	

Comment:

*Plus applicable taxes. IF Tax Exempt, please include Tax Exempt Certificate with the order.

*Prices per the Sourcewell Contract #_040319-CEC.

*Sourcewell Member Number (if applicable): _____

*All orders should include 1) Accounts Payable Contact and email address, 2) W9 with correct legal entity name, and 3) Bill to Address.

*Orders may be placed with the contract holder or authorized dealer as allowed by the terms and conditions of the contract. *A Copy of all orders must be provided to Heather.Messmer@Doosan.com.

*Contact Holder Information: Clark Equipment Company dba Bobcat Company, Govt Sales, 250 E Beaton Drive, West Fargo, ND 58078. TID# 38-0425350.

*Payment Terms: Net 60 Days. Credit cards accepted.

*Remittance address: Clark Equipment Company d/b/a Bobcat Company, P. O. Box 74007382, Chicago, IL 60674-7382

*Questions can be submitted via email to randy.fuss@doosan.com or by phone at: 1-800-965-4232v

Customer Acceptance:

Quotation Number: **MB289173**

Purchase Order: _____

Authorized Signature:

Print: _____ Sign: _____

Date: _____ Email: _____

Addresses:

Delivery Address: _____

Billing Address (if different from ship to): _____

Tax Exempt: Y ☐ / N ☐

Exempt in the State of: _____

Tax Exempt ID:

Federal: _____

State: _____

Expiration Date: _____

Request Request

To: Beth Nadolski Spears
Public Works Supervisor

From: Nathan Wachtendonk
Fleet Manager

Date: January 23, 2024

Re: Toolcats and Attachments



Item: (2) Toolcats w/attachments.

Cost: \$179,603.54 per attached quote# 040329-CEC

Vendor: Bobcat Plus

Account# 427503E-55140

Delivery: DPW West Side Garage

Background:

The Department of Public Works utilizes sidewalk tractors year-round for various core functions including snow removal, litter cleanup, yard waste collection and grass cutting. Unit 751, a 2015 Bobcat Toolcat has reached its maximum service life and the replacement has been approved in the 2024 budget. Additionally, to meet the growing demands of the department and to increase the level of service, a second Toolcat and attachments has been approved for purchase in 2024.

Recommendation:

To purchase (2) Bobcat UW56 Toolcats, (1) 72" mower, (1) 68" bucket, (1) snow blower, (1) salter and (1) 68" heavy duty grapple bucket from Bobcat Plus off the Sourcewell Contract #040329-CEC totaling \$179,603.54 which includes delivery, setup, warranty, and operator training.



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

February 28, 2024

PREPARED BY**AGENDA ITEM # E.9**

Consideration with possible action on request by Department of Public Works to award purchase of six post truck lifts to Stertil-Koni USA, Inc. in the amount of \$81,276.25 which includes delivery, setup, warranty, and mechanic training.

BACKGROUND

The Department of Public Works utilizes mobile column truck lifts to perform maintenance and repairs on vehicles and equipment. The existing column lifts, 1998 Sefec 1200M65's have reached the end of their service life and the replacement has been approved in the 2024 budget.

RECOMMENDATION

To purchase (6) Stertil-Koni ST-1064-3FWA lifts from Midwest Equipment Specialists, Inc for the purchase price of \$81,276.25 which includes, delivery, setup, warranty, and mechanic training.

FISCAL IMPACT**ATTACHMENTS**

1. Mobile Column Truck Lifts Req background and recommendation
2. Quote #882v3 City_of_Green_Bay-ST1064-3FWA_Green_Bay_WI

Requestion Request

To: Beth Nadolski Spears
Public Works Supervisor

From: Nathan Wachtendonk
Fleet Manager

Date: January 23, 2024

Re: (6) Mobile Column Truck Lifts



Item: (6) Mobile Column Truck Lifts

Cost: \$81,276.25 Sourcewell Contract# 013020-SKI

Vendor: Midwest Equipment Specialist, Inc

Account# 427503E-55140

Delivery: West Shop

Background:

The Department of Public Works utilizes mobile column truck lifts to perform maintenance and repairs on vehicles and equipment. The existing column lifts, 1998 Sefec 1200M65's have reached the end of their service life and the replacement has been approved in the 2024 budget.

Recommendation:

To purchase (6) Stertil-Koni ST-1064-3FWA lifts from Midwest Equipment Specialists, Inc for the purchase price of \$81,276.25 which includes, delivery, setup, warranty, and mechanic training.



Quote

Stertil-Koni USA, Inc.
200 Log Canoe Circle
Stevensville, MD 21666
T: 410.643.9001
F: 410.643.8901

Quote #	882
Date	01/19/2024
Expires	02/18/2024
RSM	Jeff Sampson

Billing Address
City of Green Bay
Nathan Wachtendonk
519 South Oneida St
Green Bay, WI
54303
Nathanw@greenbaywi.gov
(920) 680-6164

Shipping Address
City of Green Bay
Nathan Wachtendonk
519 South Oneida St
Green Bay, WI
54303
Nathanw@greenbaywi.gov
(920) 680-6164

Sourcewell Contract #: 013020-SKI

Item	Qty	Price	Discount	Total
ST-1064-3FWA	1.00	\$111,375.00	29.00%	\$79,076.25
Set of 6 - 84,000lbs capacity, 24 volts DC, control box on every column. Adj. forks				

Subtotal:	\$111,375.00
Discount:	(\$32,298.75)
Tax:	\$0.00
Shipping:	\$2,200.00
Total	\$81,276.25

Comments

Sourcewell Member ID# 25917

Price includes Midwest Equipment Specialists delivering the columns to your shop and training your personnel.

Subcontract:

Local Distributor:

Midwest Equipment Specialists, Inc.
Rick Nordness
rick@midwest-equipment.com
(608) 838-8151

Terms and Conditions

1. Purchase Orders MUST be issued to Stertil- Koni USA, Inc., not the Local Distributor. Please submit Purchase Orders to orders@stertil-koni.com.
2. P.O.s must be issued on a company letterhead and must contain contact information, billing address, shipping address, phone number, and email. P.O. must also contain direct reference to parts, pricing, and quantity provided on the quote or direct reference to quote number.
3. Product availability and proposed delivery date provided ARO.
4. Customer is responsible for paying sales tax, if any, when applicable.



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

February 28, 2024

PREPARED BY**AGENDA ITEM # E.10**

Consideration with possible action on request by Department of Public Works to award purchase of front end loader wing and plow to Monroe Truck Equipment in the amount of \$60,104.00.

BACKGROUND

The Department of Public Works-Operations Division Street Section utilizes front end loaders year-round to 1) manage the City's two (2) yard waste sites, 2) collect curbside yard waste and bulk trash, and 3) plow and clear snow from streets. Unit 802, a 2012 Case 721F front end loader with wing, plow, and grapple bucket has reached the end of its useful service life, and the replacement was approved in the 2024 budget.

RECOMMENDATION

To purchase a front end loader wing and plow that will be mounted on the City owned front end loader from Monroe Truck Equipment on the Sourcwell Contract# 062222-AEB-I for the cost of \$60,104 which includes delivery, installation, and warranty.

FISCAL IMPACT**ATTACHMENTS**

1. Front end loader wing and plow req 1-26-24
2. Green Bay 47062 loader plow wing 2024

Request Request

To: Beth Nadolski Spears
Public Works Supervisor

From: Nathan Wachtendonk
Fleet Manager

Date: January 26, 2024

Re: Front End Loader Wing and Plow



Item: Front end loader wing and plow

Cost: \$60,104 Sourcwell contract# 062222-AEB-1

Vendor: Monroe Truck Equipment

Account#: 427503E-55140

Delivery: West Shop

Background:

The Department of Public Works-Operations Division Street Section utilizes front end loaders year-round to 1) manage the City's two (2) yard waste sites, 2) collect curbside yard waste and bulk trash, and 3) plow and clear snow from streets. Unit 802, a 2012 Case 721F front end loader with wing, plow, and grapple bucket has reached the end of its useful service life, and the replacement was approved in the 2024 budget.

Recommendation:

To purchase a front end loader wing and plow that will be mounted on the City owned front end loader from Monroe Truck Equipment on the Sourcwell Contract# 062222-AEB-1 for the cost of \$60,104 which includes delivery, installation, and warranty.



1151 W Main Avenue
DePere, WI 54115
Sales Rep: Troy Redfearn
Ph: (920) 360-4446
www.MonroeTruck.com

J.O. #

Quotation ID: 2MAW003459

Date: 1/25/2024

Valid thru: 2/25/2024

Terms: NET 30

Quoted by: Mark Woelfel

Ph/Fax: 920-347-4181 / 920-336-8118

Quoted to:

GREEN BAY,CITY (OPERATION DIV) (ATTN:)

519 S. ONEIDA ST.

GREEN BAY, WI 54303

Ph: 920-492-3751 / Fax: 920-492-3747

Email:

Chassis Information

Year:	Make:	Model:	Chassis Color:	Cab Type:
Single/Dual:	CA:	CT:	Wheelbase:	Engine:
			F.O. Number #:	Vin: VCE0L90HP0S626086

Notes: INSTALLATION WILL BE DONE IN DEPERE, WI

IT WILL BE RESPONSIBILITY OF THE LOADER DEALER TO MOVE MACHINE TO AND FROM THE DE PERE FACILITY

Monroe Truck Equipment, Inc. is pleased to offer the following quote for your review:

Description	Amount
-------------	--------

LOADER SIDE HITCH

- MONROE QHTP FLAT PLATE HITCH

- VOLVO STYLE HOOKS

- CUSTOM STOPS DESIGNED INTO HITCH FOR EASIER HOOK-UP

- POWDER COATED BLACK

MONROE TORSION TRIP EDGE "J" STYLE REVERSIBLE PLOW

- MPPJ45R12-ISTT

* 3/8" ORANGE POLY MOLDBOARD

- (10) 1/2" ONE-PIECE FLAME CUT RIBS

- (6) ADJUSTABLE 3/4" TORSION TRIP SPRING ASSEMBLIES FOR A TWO-SECTION TRIP

- 3" X 10" DOUBLE ACTING REVERSE CYLINDERS

- BUILT-IN MONROE LEVEL LIFT ASSEMBLY

- MOLDBOARD AND PUSHFRAME TO BE 100% CONTINUOUSLY WELDED

- MOLDBOARD FRAME WORK POWDER COATED BLACK

- PUSH FRAME POWDER COATED BLACK

* 12" RUBBER SNOW DEFLECTOR, INSTALLED

* SWIVEL PLATE, PLOW SIDE HITCH

- MARKERS ON PLOW

10' MONROE DFPW HD DOUBLE FUNCTION PATROL WING

* PARA-GLIDE FRONT POST, US PATENT # 8,596,396

- REAR MOUNTED CROSS TUBE

- TRIP EDGE SAFETY MECHANISM WITH EASILY REMOVABLE SPRINGS

- TOP CORNER OF MOLDBOARD CUT AT A 45 DEGREE ANGLE TO CLEAR MAILBOXES

- STRAIGHT MOLDBOARD

* RUBBER BLOCK WING STOP

* WING LOCK ON TOE AND HEEL CYLINDERS

* WING HEEL MARKER

- MOLDBOARD POLY ORANGE

- HARDWARE POWDER COATED BLACK

- HYDRAULIC HOSES TO PLOW AND WING

LIGHTING:

(1) RED/AMBER STROBE MOUNTED ON WING

(6) ENT2B3K RED/AMBER STROBES

- (2) FORWARD FACING UNDER HEADLAMPS

- (4) CAB MOUNTED (2) FORWARD FACING, (2) REARWARD FACING

(2) ENFSS3K RED/AMBER STROBE MOUNTED IN GRILL FACING REAR

(2) LED CLEAR WING LIGHTS



Description	Amount
Quote Total:	\$60,104.00

Sourcewell Contract number 062222-AEB-1

**** DUE TO CURRENT MARKET CONDITIONS, IF THE CHASSIS WILL NOT BE ON-GROUND AT MONROE TRUCK EQUIPMENT WITHIN 240 CALENDAR DAYS OF ORDER DATE, WE WILL REQUIRE A MINIMUM 50% DOWN PAYMENT BEFORE THE 210TH DAY. IF YOU ARE NOT ABLE TO PROVIDE A DOWN PAYMENT, YOUR MUNICIPALITY COULD BE SUBJECT TO A MINIMUM OF 3% - 5% PRICE INCREASE ON BID PRICE AT TIME OF INVOICE!**

Down Payment Due Date: _____

Additional Options:

Description	Amount	Add to quote? Yes / No
-------------	--------	---------------------------

Terms & Conditions

- Terms are Due Upon Receipt unless prior credit arrangements are made at the time of order.
- Please note if chassis is furnished, it is as a convenience and terms are Net Due on Receipt of Chassis.
- State and Federal taxes will be added where applicable. **Out-of-state municipal entities may be subject to Wisconsin sales tax.**
- Restocking fees may be applicable for cancelled orders.
- MTE is not responsible or liable for equipment that does not meet local/state regulations if those laws are not made known at time of order.

By signing and accepting this quote, the customer agrees to the terms listed above and has confirmed that all chassis information listed above is accurate to chassis specs.

Re-Assign (Required for all pool units): ☐ Fleet ☐ Retail	MSO/MCO (ONLY check if legally required): ☐ MCO ☐ MSO	
Customer Signature:	Customer P.O. Number:	Date of Acceptance:



Report to the
**Improvement and Service Committee
of the City of Green Bay**

MEETING DATE

February 28, 2024

PREPARED BY

AGENDA ITEM # E.11

Consideration with possible action on request by Department of Public Works to award purchase of Sewer Inspection CCTV Camera to Aries Industries, Inc., in the amount of \$27,698.00.

BACKGROUND

The Department of Public Works purchased an Aries main line sewer inspection camera system in 2019 for inspection and televising of the City's sanitary and storm water sewer systems. To improve efficiencies and increase production, an additional camera has been approved in the 2024 budget.

RECOMMENDATION

To purchase a Aries PE3530-SK Pathfinder camera at the purchase price of \$27,698 off the Sourcewell contract# 120721-ARS which includes, delivery, setup, operator training, and warranty.

FISCAL IMPACT

ATTACHMENTS

1. Sewer Camera Req background and recommendation 1-29-24
2. Green Bay Sourcewell Quote Camera
3. Sole Source-No Sub Approval Aries Tractor 1-23-24

Request Request

To: Beth Nadolski Spears
Public Works Supervisor

From: Nathan Wachtendonk
Fleet Manager

Date: January 29, 2024

Re: Sewer Inspection CCTV Camera



Item: Sewer inspection CCTV Camera

Cost: \$27,698

Vendor: Aries Industries Inc.

Account# 428520-55150

Delivery: East Shop

Background:

The Department of Public Works purchased an Aries main line sewer inspection camera system in 2019 for inspection and televising of the City's sanitary and storm water sewer systems. To improve efficiencies and increase production, an additional camera has been approved in the 2024 budget.

Recommendation:

To purchase a Aries PE3530-SK Pathfinder camera at the purchase price of \$27,698 off the Sourcewell contract# 120721-ARS which includes, delivery, setup, operator training, and warranty.



550 Elizabeth St (262) 896-7205 ph (800) 234-7205 tf
Waukesha WI 53186 (262) 896-7099 fx

QUOTE# S240120

QUOTATION

Customer Information

Contact	Date	1/20/2024
Organization City of Green Bay	Expiration	2/19/2024
Sourcewell # 210291	Salesman	Greg Fry
Address 1820 Mills Street	Terms	Net 30
City Green Bay	Delivery	8-10 Weeks
State WI	FOB	Destination
Zip Code 54303		
Phone		
email		

Item#	Qty	U/M	Part#	Description	Unit Price	Extended
				****Sourcewell Contract 120721-ARS Pricing****		
	1	ea		PE3530-SK Pathfinder Camera Kit	\$27,698.00	\$27,698.00
I accept the terms and conditions of this quotation PO# _____ Name _____ Title _____ Signature _____						Subtotal \$27,698.00 Shipping & Handling Included Taxes _____ Other _____ TOTAL \$27,698.00

Aries Industries Inc terms and conditions of sale for this quotation are available upon request

Please visit our website: www.ariesindustries.com



PE3530-SK Pathfinder Camera Kit Details

1 Aries PE3430 Pathfinder series zoom, pan & tilt camera w/ high-intensity LED lighting and integrated self-cleaning lens wiper system, including:

- Pathfinder zoom pan and tilt camera w/ multi-axis infinite rotation
- Integrated on-demand self-cleaning lens wiper system
- 120X zoom (10X optical & 12X digital)
- High-resolution 480(V) x 720(H) output
- Auto-focus with manual override
- Auto-iris with manual override
- Maintenance-free forward-facing white LED lighting located in the camera forks
- Maintenance-free directional white LED lighting that follows the camera's field of view
- White balance optimization with (4) selectable settings
- High-sensitivity camera sensor for low-light applications
- "Starlite" low-light level amplification feature with (4) user selectable amplification steps
- Automatic home feature with forks at top and bottom of camera head
- Robust, environmentally sealed camera for use in live pipe, including:
 - Scratch-resistant sapphire lens window
 - Camera recessed behind forks for frontal impact protection
 - Camera housing with hardened metal finishes and non-corrosive metals
 - Recessed fasteners & no camera protrusions
- Proportionately slowed camera movements when zooming
- Fast-check internal pressure monitoring system
- On-screen camera diagnostics functions including:
 - Camera internal pressure, temperature, operating hours, internal power regulated voltage value, camera model, serial number, firmware revision, control error recognition, LED current value.
- 1 Camera storage and transport case
- 1 Camera nitrogen recharge kit

City of Green Bay, Wisconsin
REQUEST FOR APPROVAL OF "NO SUBSTITUTE" PURCHASE SPECIFICATION

TO : Purchasing Division/Administrative Services

DATE: 01/23/24

FROM: Department/Division Public Works

REQUISITION #

List "No Substitute" Item(s) here:

Areis PE3530-SK Pathfinder Camera Kit

Select One:

- ☒ 1) One Time Purchase Estimated Cost: \$ \$27,698
- ☐ 2) Annual Commodity purchase: Estimated annual cost: \$
- ☐ 3) Item may be purchased again: Indicate term: Estimated Annual Cost: \$
- Example: 1 year, indefinite, etc. Long term requests will be reevaluated periodically)

We request approval of a "NO SUBSTITUTE" specification for the purchase of the subject item(s)

Check appropriate justification(s). Provide DETAILED explanation(s) below.

- ☒ 1. Sole Source – The below signed has searched the market and verified that no comparable item is available.
- ☐ 2. Single Source – Although comparable items are available, THIS is the only brand/model that will work.
- ☐ 3. Item(s) is (are) only acceptable replacement part(s) known for _____ (Identify)
- ☐ 4. Continuity of design is overriding consideration (ex: playground equipment or street furniture)
- ☐ 5. Safety:
- ☐ 6. Other:

*Explanations shall contain sufficient information and justification for the items to be considered and approved as "NO SUBSTITUTE" items. Failure to do so will result in the request being denied and returned to the originator.

*Recommending Department Head will be available to defend said recommendation to the appropriate City Committee and/or Common Council.

PLEASE EXPLAIN YOUR REASONS FOR THIS REQUEST (additional info may be attached on a separate sheet):

The Department of Public Works purchased an Aries main line sewer inspection camera system in 2019 for inspection and televising of the City's sanitary and storm water sewer systems. To improve efficiencies and increase production, an additional camera has been approved in the 2024 budget. The tractor that the camera is secured to while inspecting the sewer pipes and Aries camera systems are proprietary to Aries, no other cameras or tractors are compatible. The City received a quote from JWR Inc. off the Sourcewell Contract (competitively bid co-op) for the purchase of a Aries PE3530-SK Pathfinder camera at the purchase price of \$27,698 which includes, delivery, setup, operator training, and warranty.

Approvals:

Requestor: _____

Date: _____

Department Head: _____

Date: _____

Purchasing Manager: _____

Date: _____



Report to the
**Improvement and Service Committee
of the City of Green Bay**

MEETING DATE

February 28, 2024

PREPARED BY

AGENDA ITEM # E.12

Consideration with possible action on request by Department of Public Works to award purchase of two 1,800-gallon brine tanks to Monroe Truck Equipment in the amount of \$74,896.00.

BACKGROUND

The Department of Public Works Streets Department utilizes anti-ice inserts mounted on tandem axle dump trucks to pre-treat and treat City roadways with salt brine to prevent and combat icy road conditions. Currently, the department has (4) inserts, to increase efficiency, response time, and to aid in keeping the roadways safe for travel. The addition of (2) anti-ice inserts has been approved in the 2024 budget.

RECOMMENDATION

To purchase (2) 1,800 anti-ice units that will be mounted in existing City owned tandem axle dump trucks from Monroe Truck Equipment for the purchase price of \$74,896 on Sourcewell contract# 062222-AEB-I which includes delivery and warranty.

FISCAL IMPACT

ATTACHMENTS

1. 1800 gallon brine tank inserts req background and recommendation
2. Green Bay Anti-Ice Units 2024

Requestion Request

To: Beth Nadolski Spears
Public Works Supervisor

From: Nathan Wachtendonk
Fleet Manager

Date: January 23, 2024

Re: (2) 1,800 Gallon Anti-Ice Inserts



Item: (2) 1,800 Gallon Anti-Ice Inserts

Cost: \$74,896 on Sourcewell Contract# 062222-AEB-1

Vendor: Monroe Truck Equipment

Account# 427503E-55140

Delivery: West Shop

Background:

The Department of Public Works Streets Department utilizes anti-ice inserts mounted on tandem axle dump trucks to pre-treat and treat City roadways with salt brine to prevent and combat icy road conditions. Currently, the department has (4) inserts, to increase efficiency, response time, and to aid in keeping the roadways safe for travel, the addition of (2) anti-ice inserts has been approved in the 2024 budget.

Recommendation:

To purchase (2) 1,800 anti-ice units that will be mounted in existing City owned tandem axle dump trucks from Monroe Truck Equipment for the purchase price of \$74,896 on Sourcewell contract# 062222-AEB-1 which includes delivery and warranty.



1151 W Main Avenue
DePere, WI 54115
Sales Rep: Troy Redfearn
Ph: (920) 360-4446
www.MonroeTruck.com

J.O. #
Quotation ID: 2MAW003597
Date: 1/25/2024
Valid thru: 2/25/2024
Terms: NET 30
Quoted by: Mark Woelfel
Ph/Fax: 920-347-4181 / 920-336-8118

Quoted to:
GREEN BAY,CITY (OPERATION DIV) (ATTN:)
519 S. ONEIDA ST.
GREEN BAY, WI 54303
Ph: 920-492-3751 / Fax: 920-492-3747
Email:

Chassis Information

Year:	Make: INTERNATIONAL		Model: HV SERIES		Chassis Color:	Cab Type: REGULAR
Single/Dual: DRW	CA:	CT:	Wheelbase:	Engine: DIESEL	F.O. Number #:	Vin:

Notes:

Monroe Truck Equipment, Inc. is pleased to offer the following quote for your review:

Description	Amount
1800 GALLON ANTI-ICE UNIT - POLY TANK - 3 LANE ANTI-ICE UNIT - CLOSED LOOP - NON-TIERED PLUMBING - HEAVY DUTY CENTRIFUGAL PUMP - STAINLESS STEEL SPRAY BARS AND BRASS NOZZLES - CAPABLE OF SELF LOADING FROM OPTIONAL BULK TANKS - SKID MOUNTED FOR INSTALLATION INTO DUMP BODY - 24 GPM PER LANE - BRASS NOZZLES INSTALLED ON CENTER AND SIDE BOOMS - HYDRAULIC DRIVE - STAINLESS STEEL SLIP-IN UNIT - STAINLESS STEEL LEG KIT * STAINLESS STEEL COUPLERS AND SHORT HOSE KIT * ADJUST AND CALIBRATE SYSTEM * (2) RATCHET STRAPS OVER FRONT OF UNIT TO BODY * INSTALLED IN 14' TANDEM BODY * TRUCK SIDE HYDRAULICS NOT INCLUDED * QUANTITY OF TWO	Quote Total: \$74,896.00

Sourcewell Contract number 062222-AEB-1

**** DUE TO CURRENT MARKET CONDITIONS, IF THE CHASSIS WILL NOT BE ON-GROUND AT MONROE TRUCK EQUIPMENT WITHIN 240 CALENDAR DAYS OF ORDER DATE, WE WILL REQUIRE A MINIMUM 50% DOWN PAYMENT BEFORE THE 210TH DAY. IF YOU ARE NOT ABLE TO PROVIDE A DOWN PAYMENT, YOUR MUNICIPALITY COULD BE SUBJECT TO A MINIMUM OF 3% - 5% PRICE INCREASE ON BID PRICE AT TIME OF INVOICE!**

Down Payment Due Date: _____

Additional Options:

Description	Amount	Add to quote? Yes / No
-------------	--------	---------------------------

Terms & Conditions

- Terms are Due Upon Receipt unless prior credit arrangements are made at the time of order.
- Please note if chassis is furnished, it is as a convenience and terms are Net Due on Receipt of Chassis.
- State and Federal taxes will be added where applicable. **Out-of-state municipal entities may be subject to Wisconsin sales tax.**
- Restocking fees may be applicable for cancelled orders.
- MTE is not responsible or liable for equipment that does not meet local/state regulations if those laws are not made known at time of order.

By signing and accepting this quote, the customer agrees to the terms listed above and has confirmed that all chassis information listed above is accurate to chassis specs.



Re-Assign (Required for all pool units): ☐ Fleet ☐ Retail		MSO/MCO (ONLY check if legally required): ☐ MCO ☐ MSO	
Customer Signature:		Customer P.O. Number:	Date of Acceptance:



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

February 28, 2024

PREPARED BY

AGENDA ITEM # E.13

Consideration with possible action on request by Department of Public Works to award purchase of front end loader to Airing Equipment in the amount of \$172,891.87.

BACKGROUND

The Department of Public Works-Operations Division Street Section utilizes front end loaders year-round to 1) manage the City's two (2) yard waste sites, 2) collect curbside yard waste and bulk trash, and 3) plow and clear snow from streets. Unit 802, a 2012 Case 721F front end loader with wing, plow, and grapple bucket has reached the end of its useful service life, and the replacement was approved in the 2024 budget.

The City has been renting a front end loader from Airing Equipment Company since November of 2022 with the option to purchase the rented loader (new price \$213,500) at the end of the rental period applying monthly rental charges (\$66,750) to the final purchase price less interest (\$26,141.87) bringing the final purchase price to \$172,891.87 for a savings of \$40,608.13.

RECOMMENDATION

To purchase the rented 2022 Volvo L90 front end loader from Airing Equipment for \$172,891.87 which includes delivery, warranty, and operator training.

FISCAL IMPACT

ATTACHMENTS

1. Front end loader req I-26-24
2. CITY_OF_GREEN_BAY_L90H_SN_626499

Requestion Request



To: Beth Nadolski Spears
Public Works Supervisor

From: Nathan Wachtendonk
Fleet Manager

Date: January 26, 2024

Re: Front End Loader

Item: Front end loader

Cost: \$172,891.87

Vendor: Airing Equipment Company

Account# 427503E-55140

Delivery: West Shop

Background:

The Department of Public Works-Operations Division Street Section utilizes front end loaders year-round to 1) manage the City's two (2) yard waste sites, 2) collect curbside yard waste and bulk trash, and 3) plow and clear snow from streets. Unit 802, a 2012 Case 721F front end loader with wing, plow, and grapple bucket has reached the end of its useful service life, and the replacement was approved in the 2024 budget.

The City has been renting a front end loader from Airing Equipment Company since November of 2022 with the option to purchase the rented loader (*new price \$213,500*) at the end of the rental period applying monthly rental charges (*\$66,750*) to the final purchase price less interest (*\$26,141.87*) bringing the final purchase price to **\$172,891.87** for a savings of **\$40,608.13**.

Recommendation:

To purchase the rented 2022 Volvo L90 front end loader from Airing Equipment for \$172,891.87 which includes delivery, warranty, and operator training.

New Price	\$213,500.00
Total Rent Paid	-\$66,750.00
Interest Paid	\$26,141.87
Final Purchase Price	\$172,891.87

www.aringequipment.com

Butler, WI
13001 W Silver Spring Dr
Butler, WI 53007
262-781-3770

De Pere, WI
1800 N. Ashland Ave.
De Pere, WI 54115
920-336-3601

De Forest, WI
5005 Cake Parkway
De Forest, WI 53532
608-846-9600

Eau Claire, WI
2727 Alpine Rd
Eau Claire, WI 54703
715-835-6133



ALSO FEATURING:



Prepared For:

Nathan Watchendonk
CITY OF GREEN BAY OPERAT
519 South Oneida St
Green Bay, WI, 54303

Quote

Quote No.	Q3167
Date	Jan 18, 2024
Valid Till	
Salesman	Scott Shield

Product Details	Unit Price	Quantity	Total
L90HLB S/N 626499	\$ 213,500.00	1	\$ 213,500.00
LESS RENT PAID	\$ -66,750.00	1	\$ -66,750.00
INTEREST	\$ 26,141.87	1	\$ 26,141.87

Sub Total	\$ 172,891.87
Sales Tax	\$ 0.00
F.E.T. Tax (If applicable)	
Grand Total	\$ 172,891.87

Terms & Conditions:

Notes:



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

February 28, 2024

PREPARED BY

AGENDA ITEM # E.14

Consideration with possible action on request by Department of Public Works to award purchase of two tandem axle plow truck chassis to Packer City International in the amount of \$249,550.00.

BACKGROUND

The Department of Public Works utilizes tandem axle dump trucks for collection of yard waste, hauling construction material and snow fighting operations. The chassis on truck 27, a 2003 Sterling tandem axle plow truck and truck 21, a 2004 International tandem axle plow truck have reached their maximum service life, and the replacements has been approved in the 2024 budget.

RECOMMENDATION

To purchase one (2) 2024 International HV607 tandem axle dump truck chassis from Packer City International off the Sourcewell contract# 060920-NVS for the cost of \$249,550 which includes delivery, warranty, and driver training.

FISCAL IMPACT

ATTACHMENTS

1. Tandem axle truck chassis background and recommendation
2. GB 24
3. 20240131134245956

Memo



To: Steve Grenier
Director of Public Works

From: Nathan Wachtendonk
Fleet Manager

Date: January 31, 2024

Re: (2) Tandem Axle Plow Truck Chassis

Item: (2) Tandem axle plow truck chassis

Cost: \$124,775 each totaling \$249,550 off Sourcewell contract# 06920-NVS

Vendor: Packer City International

Account# 427503E-55140

Delivery: West Shop

Background:

The Department of Public Works utilizes tandem axle dump trucks for collection of yard waste, hauling construction material and snow fighting operations. The chassis on truck 27, a 2003 Sterling tandem axle plow truck and truck 21, a 2004 International tandem axle plow truck have reached their maximum service life, and the replacements has been approved in the 2024 budget.

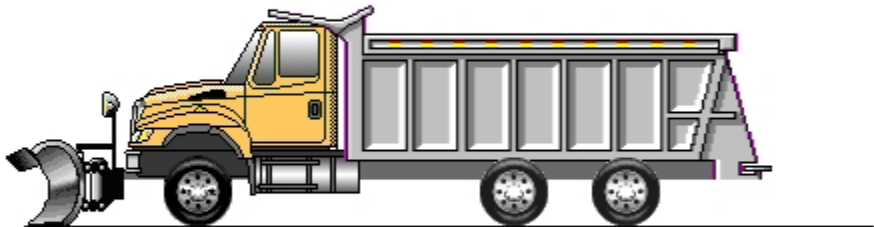
Recommendation:

To purchase one (2) 2024 International HV607 tandem axle dump truck chassis from Packer City International off the Sourcewell contract# 060920-NVS for the cost of \$249,550 which includes delivery, warranty, and driver training.

Prepared For:
City Of Green Bay Purchasing
Nathan Wachtendonk
100 North Jefferson Street
GREEN BAY, WI 54301-
(920)448 - 3047
Reference ID: 2023

Presented By:
PACKER CITY INT'L TRKS
Mark Winkler
611 HANSEN ROAD
GREEN BAY WI 54304 -
(920)499-0879

Thank you for the opportunity to provide you with the following quotation on a new International truck. I am sure the following detailed specification will meet your operational requirements, and I look forward to serving your business needs.



Model Profile
2025 HV607 SBA (HV607)

AXLE CONFIG:	6X4
APPLICATION:	Front Plow and Wing with Spreader
MISSION:	Requested GVWR: 58000. Calc. GVWR: 60000. Calc. GCWR: 80000 Calc. Start / Grade Ability: 22.02% / 2.52% @ 55 MPH Calc. Geared Speed: 67.4 MPH
DIMENSION:	Wheelbase: 183.00, CA: 115.90, Axle to Frame: 77.00
ENGINE, DIESEL:	{Cummins L9 370} EPA 2024, 370HP @ 2100 RPM, 1250 lb-ft Torque @ 1200 RPM, 2100 RPM Governed Speed, 370 Peak HP (Max)
TRANSMISSION, AUTOMATIC:	{Allison 3000 RDS} 6th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway
CLUTCH:	Omit Item (Clutch & Control)
AXLE, FRONT NON-DRIVING:	{Meritor MFS-20-133A} Wide Track, I-Beam Type, 20,000-lb Capacity
AXLE, REAR, TANDEM:	{Meritor MT-40-14X-4DFR} Single Reduction, 40,000-lb Capacity, .433"(11mm) Wall Housing Thickness, R Wheel Ends Gear Ratio: 5.86
CAB:	Conventional, Day Cab
TIRE, FRONT:	(2) 315/80R22.5 Load Range L HAU 3 WT (CONTINENTAL), 480 rev/mile, 68 MPH, All-Position
TIRE, REAR:	(8) 11R22.5 Load Range H HDR2+ (CONTINENTAL), 491 rev/mile, 75 MPH, Drive
SUSPENSION, REAR, AIR, TANDEM:	{Hendrickson PRIMAAX EX} 46,000-lb Capacity, 56" Axle Spacing, 9.0" Ride Height, with Shock Absorbers
PAINT:	Cab schematic 100WL Location 1: 1627, Palomino (Custom) Chassis schematic N/A

<u>Code</u>	<u>Description</u>
HV60700	Base Chassis, Model HV607 SBA with 183.00 Wheelbase, 115.90 CA, and 77.00 Axle to Frame.
1572	TOW HOOK, REAR (2)
1AND	AXLE CONFIGURATION {Navistar} 6x4
	<u>Notes</u> : Pricing may change if axle configuration is changed.
1CGE	FRAME RAILS Heat Treated Alloy Steel (125,000 PSI Yield); 11.25" x 4.00" x 0.500" (285.75mm x 101.6mm x 12.7mm); 480.8" (12212mm) Maximum OAL
1LNR	BUMPER, FRONT Swept Back, Steel, Painted 0001 Canyon Black, Heavy Duty
1MEJ	FRAME DIMPLE Dimple on Left and Right Top Flange of Frame Rail to Reference Rear Axle Centerline
1UAM	FRAME EXTENSION, FRONT Integral; 27" In Front of Grille
1WDU	CROSSMEMBER, FRONT for Hydraulic Pump, Mounting Flange to Accommodate Pump
1WGX	WHEELBASE RANGE 169" (430cm) Through and Including 219" (555cm)
2ARY	AXLE, FRONT NON-DRIVING {Meritor MFS-20-133A} Wide Track, I-Beam Type, 20,000-lb Capacity
3ACS	SUSPENSION, FRONT, SPRING Multileaf, Shackle Type, 20,000-lb Capacity, Less Shock Absorbers
4091	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications
	<u>Includes</u> : BRAKE LINES Color and Size Coded Nylon : DRAIN VALVE Twist-Type : GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster : PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel : PARKING BRAKE VALVE For Truck : QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4 : SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4/8x6
4619	TRAILER CONNECTIONS Four-Wheel, with Hand Control Valve and Tractor Protection Valve, for Straight Truck
	<u>Notes</u> : When electronic stability control is ordered with trailer connections on a 4x2 truck, please check the operator manual for trailer weight restrictions.
4732	DRAIN VALVE {Berg} with Pull Chain, for Air Tank
4AZJ	AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Full Vehicle Wheel Control System, with Automatic Traction Control
4EBS	AIR DRYER {Bendix AD-9} with Heater
4EXU	BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 SqIn Spring Brake
4EXV	BRAKE CHAMBERS, FRONT AXLE {Bendix} 24 SqIn
4GBM	BRAKE, PARKING Manual Push-Pull Pneumatic Parking Brake
4LAG	SLACK ADJUSTERS, FRONT {Gunite} Automatic
4LGG	SLACK ADJUSTERS, REAR {Gunite} Automatic
4LGR	SLACK ADJUSTER PINS Stainless Steel Slack Adjuster Pins/Cotter Pins on Front and Rear
4SPA	AIR COMPRESSOR {Cummins} 18.7 CFM
4VKC	AIR DRYER LOCATION Mounted Inside Left Rail, Back of Cab

<u>Code</u>	<u>Description</u>
4WBX	DUST SHIELDS, FRONT BRAKE for Air Cam Brakes
4WDM	DUST SHIELDS, REAR BRAKE for Air Cam Brakes
4WZJ	AIR TANK LOCATION (2) : One Mounted Under Each Rail, Front of Rear Suspension, Parallel to Rail
4XDR	BRAKES, REAR {Meritor 16.5X7 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 7", 23,000-lb Capacity per Axle
4XDT	BRAKES, FRONT {Meritor 16.5X6 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 6", 23,000-lb Capacity
4XEE	PARK BRAKE CHAMBERS, ADDITIONAL (2) Spring Brake Type
5710	STEERING COLUMN Tilting and Telescoping
5CAW	STEERING WHEEL 4-Spoke; 18" Dia., Black
5PTB	STEERING GEAR (2) {Sheppard M100/M80} Dual Power
6DGW	DRIVELINE SYSTEM {Dana Spicer} Service Free SPL170 Main Driveline with SPL170 Interaxle Shaft, for 6x4
7BEU	AFTERTREATMENT COVER Aluminum
7BLW	EXHAUST SYSTEM Horizontal Aftertreatment System, Frame Mounted Right Side Under Cab, for Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab
7WAZ	TAIL PIPE (1) Turnback Type
7WCM	EXHAUST HEIGHT 8' 10"
7WDN	MUFFLER/TAIL PIPE GUARD (1) Aluminum
8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment
	<u>Includes</u>
	: DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab
	: HAZARD SWITCH Push On/Push Off, Located on Instrument Panel to Right of Steering Wheel
	: HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever
	: PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light
	: STARTER SWITCH Electric, Key Operated
	: STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector
	: TURN SIGNAL SWITCH Self-Cancelling for Trucks, Manual Cancelling for Tractors, with Lane Change Feature
	: WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever
	: WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted
	: WIRING, CHASSIS Color Coded and Continuously Numbered
8899	JUMP START STUD (2) Remote Mounted
8GGG	ALTERNATOR {Delco Remy 36SI} Brushless, 12 Volt, 165 Amp Capacity, Pad Mount, with Remote Sense
8MWL	BATTERY SYSTEM {Deka/EAST PENN 9F31 Fahrenheit AGM} Maintenance-Free, (3) AGM 12-Volt 2775CCA Total, Top Threaded Stud
8RGA	2-WAY RADIO Wiring Effects; Wiring with 20 Amp Fuse Protection, Includes Ignition Wire with 5 Amp Fuse, Wire Ends Heat Shrink and Routed to Center of Header Console in Cab
8RMZ	SPEAKERS (2) 6.5" Dual Cone Mounted in Both Doors, (2) 5.25" Dual Cone Mounted in Both B-Pillars
8RPB	RADIO, AUXILIARY CONTROLS Mounted in Steering Wheel, Radio Function Control Switch, Includes Volume Up/Down, Mute, Forward/Back and Bluetooth Answer/Disconnect
8RPR	ANTENNA for Increased Roof Clearance Applications

<u>Code</u>	<u>Description</u>
8RPS	RADIO AM/FM/WB/Clock/Bluetooth/USB Input/Auxiliary Input
8THJ	AUXILIARY HARNESS 3.0' for Auxiliary Front Head Lights and Turn Signals for Front Plow Applications
8TME	TRAILER CONNECTION SOCKET {Phillips} 7-Way, Mounted at Rear of Frame, Wired for Turn Signals Independent of Stop, Compatible with Trailers with Amber or Side Turn Lamps
8VAY	HORN, ELECTRIC Disc Style
8WGA	SOLENOID, AIR for Customer Use; Provides (1) Normally Closed Pilot Air Source, Approx. 4 CFM, Includes Latched Switch in Cab; Air Available Only with Key in "Ignition" or "Accessory" Position; Air Will Exhaust with Key in "Off" Position
8WPH	CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade
8WTK	STARTING MOTOR {Delco Remy 38MT Type 300} 12 Volt, Less Thermal Over-Crank Protection
8WWJ	INDICATOR, LOW COOLANT LEVEL with Audible Alarm
8WZP	INDICATOR, BATTERY WARNING Green BATTERY ON Indicator, Mounted on Left Side of Instrument Panel, To be Used with Factory Installed or Customer Mounted Battery Disconnect Switch
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses
8XDZ	BATTERY BOX Steel, 2-3 Battery Capacity, Mounted Inside the Cab, Under Passenger Seat
8XGT	TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender
8XHD	BATTERY DISCONNECT SWITCH 300 Amp, Disconnects Charging Circuits, Locks with Padlock, Cab Mounted
8XHN	HORN, AIR Single Trumpet, Black, with Lanyard Pull Cord
8XNY	HEADLIGHTS Halogen
9585	FENDER EXTENSIONS Rubber
9AAB	LOGOS EXTERIOR Model Badges
9AAE	LOGOS EXTERIOR, ENGINE Badges
9ANG	HOOD, HATCH (01) for Servicing
9HBM	GRILLE Stationary, Chrome
9WAC	BUG SCREEN Mounted Behind Grille
9WBC	FRONT END Tilting, Fiberglass, with Three Piece Construction, for WorkStar/HV
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100
	<u>Includes</u> : PAINT SCHEMATIC ID LETTERS "WL"
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone
10771	PAINT CLASS Single Custom Color
10AGB	COMMUNICATIONS MODULE Telematics Device with Over the Air Programming; Includes Five Year Data Plan and International 360
10SLV	PROMOTIONAL PACKAGE Government Silver Package
10WCY	SAFETY TRIANGLES
10XAN	FIRE EXTINGUISHER 5 lb Class A B C
10XAP	FIRE EXTINGUISHER BRACKET Mounted Left Side Driver Seat

<u>Code</u>	<u>Description</u>
10XBU	SPECIAL RATING, GVWR Limited to 68,000-lb GVWR
11001	CLUTCH Omit Item (Clutch & Control)
12703	ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection
12849	BLOCK HEATER, ENGINE 120V/1000W, for Cummins ISB/B6.7/ISL/L9 Engines <u>Includes</u> : BLOCK HEATER SOCKET Receptacle Type; Mounted below Drivers Door
12EZA	ENGINE, DIESEL {Cummins L9 370} EPA 2024, 370HP @ 2100 RPM, 1250 lb-ft Torque @ 1200 RPM, 2100 RPM Governed Speed, 370 Peak HP (Max)
12THT	FAN DRIVE {Horton Drivemaster} Two-Speed Type, Direct Drive, with Residual Torque Device for Disengaged Fan Speed <u>Includes</u> : FAN Nylon
12UWZ	RADIATOR Aluminum, Cross Flow, Front to Back System, 1228 SqIn, with 1167 SqIn Charge Air Cooler, Includes In-Tank Oil Cooler <u>Includes</u> : DEAERATION SYSTEM with Surge Tank : HOSE CLAMPS, RADIATOR HOSES Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps : RADIATOR HOSES Premium, Rubber
12VAG	AIR CLEANER Single Element, with Integral Snow Valve and In-Cab Control
12VJS	EMISSION, CALENDAR YEAR {Cummins L9} EPA, OBD and GHG Certified for Calendar Year 2024
12VXT	THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel
12VYL	ACCESSORY WIRING, SPECIAL for Road Speed Wire Coiled Under Instrument Panel for Customer Use
12VYP	ENGINE CONTROL, REMOTE MOUNTED No Provision for Remote Mounted Engine Control
12WVG	EPA IDLE COMPLIANCE Low NOx Idle Engine, Complies with EPA Clean Air Regulations; Includes "Certified Clean Idle" Decal on Hood
12WZE	CARB IDLE COMPLIANCE Does Not Comply with California Clean Air Idle Regulations
12XCS	CARB EMISSION WARR COMPLIANCE Does Not Comply with CARB Emission Warranty
13BCS	TRANSMISSION, AUTOMATIC {Allison 3000 RDS} 6th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway
13WET	TRANSMISSION SHIFT CONTROL Column Mounted Stalk Shifter, Not for Use with Allison 1000 & 2000 Series Transmission
13WLP	TRANSMISSION OIL Synthetic; 29 thru 42 Pints
13WUC	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS) and Regional Haul Series (RHS), General Purpose Trucks, Construction, Package Number 223
13WVV	NEUTRAL AT STOP Allison Transmission Shifts to Neutral When Service Brake is Depressed and Vehicle is at Stop; Remains in Neutral Until Service Brake is Released
13WYU	SHIFT CONTROL PARAMETERS {Allison} 3000 or 4000 Series Transmissions, Performance Programming
13XAM	PTO LOCATION Dual, Customer Intends to Install PTO at Left and/or Right Side of Transmission
14899	SUSPENSION AIR CONTROL VALVE Pressure Release Control In Cab

<u>Code</u>	<u>Description</u>
14GVY	AXLE, REAR, TANDEM {Meritor MT-40-14X-4DFR} Single Reduction, 40,000-lb Capacity, .433"(11mm) Wall Housing Thickness, R Wheel Ends . Gear Ratio: 5.86
14UNX	SUSPENSION, REAR, AIR, TANDEM {Hendrickson PRIMAAX EX} 46,000-lb Capacity, 56" Axle Spacing, 9.0" Ride Height, with Shock Absorbers
14WMJ	AXLE, REAR, LUBE {EmGard FE-75W-90} Synthetic Oil; 50 thru 64.99 Pints
15LMA	LOCATION FUEL/WATER SEPARATOR Mounted Outside Left Rail, 15" Back of Cab
15LNG	FUEL/WATER SEPARATOR {Davco 245} 12 VDC Electric Heater, Includes Pre-Heater, Includes Water-in-Fuel Sensor
15SGG	FUEL TANK Top Draw, Non-Polished Aluminum, D-Style, 19" Tank Depth, 70 US Gal (265L), Mounted Left Side, Under Cab
15WDG	DEF TANK 7 US Gal (26L) Capacity, Frame Mounted Outside Left Rail, Under Cab
16030	CAB Conventional, Day Cab
16BAM	AIR CONDITIONER with Integral Heater and Defroster
16GED	GAUGE CLUSTER Base Level; English with English Electronic Speedometer
	<u>Includes</u> : GAUGE CLUSTER DISPLAY: Base Level (3" Monochromatic Display), Premium Level (5" LCD Color Display); Odometer, Voltmeter, Diagnostic Messages, Gear Indicator, Trip Odometer, Total Engine Hours, Trip Hours, MPG, Distance to Empty/Refill for : GAUGE CLUSTER Speedometer, Tachometer, Engine Coolant Temp, Fuel Gauge, DEF Gauge, Oil Pressure Gauge, Primary and Secondary Air Pressure : WARNING SYSTEM Low Fuel, Low DEF, Low Oil Pressure, High Engine Coolant Temp, Low Battery Voltage (Visual and Audible), Low Air Pressure (Primary and Secondary)
16HKE	GAUGE, LOAD INDICATING REAR Text Message in Cluster Display, for use with Rear Air Suspension
16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster
16LSD	SEAT, DRIVER {National 2000} Air Suspension, High Back with Integral Headrest, Mordura Cloth, Isolated, with 2 Position Front Cushion Adjustment, -3 to +14 Degree Seat Back Adjustment, Single Chamber Air Lumbar Support
16SMW	GRAB HANDLE, EXTERIOR Black, Aluminum, for Cab Entry Mounted Left Side at B-Pillar
16SMZ	SEAT, PASSENGER {Seats, Inc.} Non Suspension, High Back, Fixed Back, Integral Headrest, Mordura Cloth, for use with Batteries in Cab
16SPJ	MIRRORS (2) C-Loop, Power Adjust, Heated, LED Clearance Lights, Bright Heads and Arms, 7" x 14.5", Includes 8" x 6" Convex Mirrors, for 96" Load Width
	<u>Notes</u> : Mirror Dimensions are Rounded to the Nearest 0.5"
16VCC	SEAT BELT All Orange; 1 to 3
16VKB	CAB INTERIOR TRIM Classic, for Day Cab
	<u>Includes</u> : CONSOLE, OVERHEAD Molded Plastic with Dual Storage Pockets, Retainer Nets and CB Radio Pocket; Located Above Driver and Passenger : DOME LIGHT, CAB Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Overhead Console, Center Mounted : SUN VISOR (2) Padded Vinyl; 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Toll Ticket Strap
16VLV	MONITOR, TIRE PRESSURE Omit
16VSL	WINDSHIELD Heated, Single Piece

<u>Code</u>	<u>Description</u>
16WBY	ARM REST, RIGHT, DRIVER SEAT
16WEE	CAB SOUND INSULATION Includes Dash Insulator and Engine Cover Insulator
16WJU	WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature
16WSK	CAB REAR SUSPENSION Air Bag Type
16XJP	INSTRUMENT PANEL Wing Panel
16XWY	WINDSHIELD WASHER RESERVOIR Mounted Under Cab with Remote Fill Mounted Behind Cab Drivers Side
16ZBT	ACCESS, CAB Steel, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab and Extended Cab
16ZPH	FLOOR, COATING LINE-X, Applied to Interior Cab Floor
27DVY	WHEELS, FRONT {Alcoa 89U63} DISC; 22.5x9.00 Rims, Non-Polished Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs, Non-Standard Offset 4.06"
28DUK	WHEELS, REAR {Accuride 29169} DUAL DISC; 22.5x8.25 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with .472" Thick Increased Capacity Disc and Steel Hubs
29PAX	PAINT IDENTITY, REAR WHEELS Disc Rear Wheels; with Vendor Applied Gray Powder Coat Paint
29WAP	WHEEL GUARDS, FRONT {Accuride} for Metric Hub Piloted Wheels with Flanged Mounting Nuts Mounted Between Hub and Wheel
60AAG	BDY INTG, REMOTE POWER MODULE Mounted Inside Cab Behind Driver Seat, Up to 6 Outputs & 6 Inputs, Max 20 amp per Channel, Max 80 amp Total; Includes 1 Switch Pack with Latched Switches
60ACS	BDY INTG, SWITCH MOMNTRY 3POS Rocker, Backlit, with "ON" Indicator Mounted on Dash, Latching Software, for 1; Auxiliary Load 20 amp. Maximum; Power Available Only in "Ignition" or "Accessory" Position, Output Also Controlled by a Customer Remote Mounted Switch (requires 1 Remote Power Module input & 1 output)
7382135444	(8) TIRE, REAR 11R22.5 Load Range H HDR2+ (CONTINENTAL), 491 rev/mile, 75 MPH, Drive
7792545437	(2) TIRE, FRONT 315/80R22.5 Load Range L HAU 3 WT (CONTINENTAL), 480 rev/mile, 68 MPH, All-Position

Services Section:

40128	WARRANTY Standard for HV507, HV50B, HV607 Models, Effective with Vehicles Built July 1, 2017 or Later, CTS-2025A
40RBE	SERVICES, TOWING {Navistar} Service Call to 12-Month/Unlimited Mileage to the Nearest Navistar Dealer for Navistar Warrantable Failure as Contract Defined; Includes Engine Failure if Supplier Declines Tow Coverage & ESC Supplied thru Navistar; \$550 (USA) Maximum Benefit per Incident
40YZL	SRV CONTRACT, EXT CMS ENG/AFTR {Cummins} To 60-Month/100,000 Miles (160,000 km), Extended Cummins L9 Engine Coverage, Protection Plan 1 and Aftertreatment, (Truck Application Only)

(US DOLLAR)	
Description	Price
Net Sales Price:	\$124,775.00

Please feel free to contact me regarding these specifications should your interests or needs change. I am confident you will be pleased with the quality and service of an International vehicle.

Approved by Seller:	Accepted by Purchaser:
Official Title and Date	Firm or Business Name
Authorized Signature	Authorized Signature and Date

This proposal is not binding upon the seller without Seller's Authorized Signature

Official Title and Date

The TOPS FET calculation is an estimate for reference purposes only. The seller or retailer is responsible for calculating and reporting/paying appropriate FET to the IRS.

The limited warranties applicable to the vehicles described herein are Navistar, Inc.'s standard printed warranties which are incorporated herein by reference and to which you have been provided a copy and hereby agree to their terms and conditions.



International Trucks is pleased to provide you with this proposal compliant with all terms of the Sourcewell Vehicles and Chassis Contract #060920-NVS awarded to Navistar, Inc for new International Trucks. If you have any questions regarding enrollment in Sourcewell or detailed contract terms and conditions, please see your International Truck sales representative.

PROPOSAL PREPARED FOR:		PROPOSAL PREPARED BY:
Sourcewell Member:	City of Green Bay	pci
Contact:	Nathan	mw
Address:	100 North Jefferson St	
City/State/Zip:	Green Bay, WI 54301	
Phone:	920-448-3047	
Email:	nathan.wachtendonk@greenbaywi.gov	

Proposal Number	13388
Date	1/27/2024
Quantity of this Specification	1
Single Sourcewell Transaction Total Volume	

Chassis			
New 2025 International HV607 6x4 Chassis			\$ 184,113.00
Base Chassis List	\$ 121,554.00		
Options List	\$ 62,559.00		
Sourcewell Contract Discount	31.0%	\$ (57,152.40)	
Volume Incentive		\$ -	
Material Price Increases		\$ -	
Net Sourcewell Chassis Price		\$ 126,960.60	
Sourcewell Partner Body			
		\$ -	
		\$ -	
Handling Fee		\$ -	
Non-Sourcewell Dealer Supplied Body			
		\$ -	
		\$ -	
Handling Fee		\$ -	
Additional Post Build Work			
spares		\$ -	
battery		\$ 1,150.00	
		\$ -	
Handling Fee		\$ -	
Service Contracts			
5/100		\$ 2,250.00	
		\$ -	
		\$ -	
Additional Freight			
		\$ -	
		\$ -	
Additional Floorplan			
		\$ -	
		\$ -	
Additional Fees & Taxes			
		\$ -	
		\$ -	
		\$ -	
Final Sourcewell Per Vehicle Price FOB		\$ 124,775.00	
Final Sourcewell Total Vehicle(s) Price		\$ 124,775.00	
Additional Sourcewell Qualified Content			
Customer Parts Credit - Fleet Charge only	\$200		
A26 Incremental Parts Credit - Fleet Charge only	\$200		
Silver Package Award	\$1,200		

Terms:

Stock unit in dealer's inventory, dealer will accept a final purchase order using the current Sourcewell pricing quoted above.

Dealer placing a new orders for the Sourcewell Member, the purchase order cannot be firmed up until the unit is slotted to build with a firm build date or lineset. Once a firm build date has been established, dealer will provide the Sourcewell Member approved pricing and a final purchase order can be accepted with firm pricing. Dealer cannot guarantee bodies and/or equipment pricing added to the chassis for a turnkey sale until chassis is lineset.



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

February 28, 2024

PREPARED BY

AGENDA ITEM # E.15

Consideration with possible action on request by Department of Public Works to award the TRANSIT I-24 JOIST REPAIR contract at a staff level and report the award at the next Improvement & Services Committee meeting.

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

- I. QUESTCDN_Project Bid ResultsTransit I-24 Joist Repair

TRANSIT 1-24 JOIST REPAIR

Quest Number: 8919760

Closing Date: Tue, 02/20/2024 02:00 PM CST

Posting Type: Construction Project

Owner Name:	Green Bay WI, City of
Owner Contact:	Steven Grenier, P.E.
Owner Phone:	920-448-3100
Solicitor Name:	Green Bay WI, City of
Contact:	Trista Hobbs
Email:	trista.hobbs@greenbaywi.gov
Phone:	920-448-3114
Award Date:	
Comments:	
Award Status:	Pending
Letting Bid Tabulation:	View on vBid

Company	Contact	Phone	E-mail	Amount	Awarded	Comment
Mill Coatings, Inc.	Sharon Gay	920-434-1891	millcoatings@sbcglobal.net	\$ 52,975.00		
Beson and Houle	Jesse Houle	9209792914	jhoule@beson-houle.com	\$ 119,950.00		



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

February 28, 2024

PREPARED BY

AGENDA ITEM # E.16

Consideration with possible action on request by Department of Public Works to award the PAVEMENT X-24 HOWARD ST., S. OAKLAND AVE., AND SCHOOL PL. RECONSTRUCTION AND SEYMOUR PARK WEST STORMWATER POND contract at a staff level and report the award at the next Improvement & Services Committee meeting following the contract award.

BACKGROUND

The Department of Public Works intends to bid the Pavement X-24 Howard St., S. Oakland Ave. and School Place Reconstruction and Seymour Park West Stormwater Pond project in March 2024. Due to the size of the project and coordination required, it is necessary for Department of Public Works to begin construction as soon as practical.

RECOMMENDATION

To approve the Department of Public Works to award the PAVEMENT X-24 Howard, Oakland and School Place Reconstruction and Seymour Park West Stormwater Pond contract at staff level and report the award at the next Improvement and Services Committee Meeting following the contract award.

FISCAL IMPACT

The project is funded under the 2023 and 2024 Capital Improvements Program budget. A portion of the Seymour Park West Stormwater Pond project will be funded by remaining ARPA funds.

ATTACHMENTS

None



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

February 28, 2024

PREPARED BY

AGENDA ITEM # E.17

Consideration with possible action on the review and award of contract RAMPS I-24 PARKING RAMP REPAIRS.

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

None



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

February 28, 2024

PREPARED BY

AGENDA ITEM # E.18

Consideration with possible action on request by Department of Public Works to award a sole source contract to OilGear for the rehabilitation of two existing OilGear PVK Series Pumps for the hydraulic rehabilitation of the Ray Nitschke Memorial Bridge, not to exceed \$115,000.00.

BACKGROUND

The double leaf bascule bridge spans the Fox River. The Fox River is a shipping channel; it is a requirement of the US Coast Guard that the bridge remain operable to allow vessel navigation to and from the channel. Existing hydraulic pumps on the Ray Nitschke Bridge are approaching the end of their useable service life. To extend the service life and keep the bridge in operable condition for passage of vessels, the existing pumps require refurbishment.

RECOMMENDATION

The pump manufacturer, Oilgear, must be utilized for refurbishment of the pumps. Incorporation of the same equipment will maintain familiarity of the system for operations and maintenance and avoid costly redesign to accommodate an alternate manufacturer. Refurbishment of the pumps will result in a time and approximate \$90,000 cost savings per pump in comparison to replacement of the pumps.

FISCAL IMPACT

This contract will be reimbursed by the 1.2-million-dollar SMA with WisDOT for the hydraulic rehabilitation of the Ray Nitschke Bridge.

ATTACHMENTS

- I. Sole Source_Oilgear Pumps Refurbishment_Signed

City of Green Bay, Wisconsin
REQUEST FOR APPROVAL OF "NO SUBSTITUTE" PURCHASE SPECIFICATION

TO : Purchasing Division/Administrative Services

DATE: 02/01/24

FROM: Department/Division *Public Works*

REQUISITION #

List "No Substitute" Item(s) here:

Refurbishment of two (2) Oilgear PVK series pump assemblies including charge and pilot pressure pumps and servo control valves.

Select One:

- ☐ 1) One Time Purchase Estimated Cost: \$ \$115,000
- ☐ 2) Annual Commodity purchase: Estimated annual cost: \$
- ☒ 3) Item may be purchased again: Indicate term: *as needed* Estimated Annual Cost: \$ \$115,000

Example: 1 year, indefinite, etc. Long term requests will be reevaluated periodically)

We request approval of a "NO SUBSTITUTE" specification for the purchase of the subject item(s)

Check appropriate justification(s). Provide DETAILED explanation(s) below.

- ☐ 1. Sole Source – The below signed has searched the market and verified that no comparable item is available.
- ☐ 2. Single Source – Although comparable items are available, THIS is the only brand/model that will work.
- ☐ 3. Item(s) is (are) only acceptable replacement part(s) known for _____ (Identify)
- ☐ 4. Continuity of design is overriding consideration (ex: playground equipment or street furniture)
- ☐ 5. Safety:
- ☒ 6. Other: (Manufacturer Purchase) Pump Assembly - Lifecycle

*Explanations shall contain sufficient information and justification for the items to be considered and approved as "NO SUBSTITUTE" items. Failure to do so will result in the request being denied and returned to the originator.

*Recommending Department Head will be available to defend said recommendation to the appropriate City Committee and/or Common Council.

PLEASE EXPLAIN YOUR REASONS FOR THIS REQUEST (additional info may be attached on a separate sheet):

Public Works is rehabilitating the existing hydraulic mechanical equipment for the Ray Nitschke Memorial Bridge. The Fox River is a shipping channel; it is a requirement of the US Coast Guard that the bridge remain operable to allow vessle navigation to and from the channel. The existing hydraulic system utilizes Oilgear components. The pump manufacturer, Oilgear, must be utilized for refurbishment of the pumps. Incorporation of the same equipment will maintain familiarity of the system for operations and maintenance and avoid costly redesign to accomodate an alternate manufacturer. Refurbishment of the pumps will result in a cost savings over replacement of the pumps.

Approvals:

Requestor:

Date:

Department Head:

Date:

Purchasing Manager:

Date:



Report to the
**Improvement and Service Committee
of the City of Green Bay**

MEETING DATE

February 28, 2024

PREPARED BY

AGENDA ITEM # E.19

Consideration with possible action on request by Department of Public Works to award a design services contract for the structural rehabilitation of the Ray Nitschke Memorial Bridge at a staff level and report the award at the next Improvement & Services Committee meeting.

BACKGROUND

The Ray Nitschke Memorial Bridge was originally constructed in 1998; structural components of the bridge including the steel coating system and expansion joints are approaching the end of their usable service life and require repair. Structural rehabilitation of the bridge will prolong the overall service life of the structure. Public Works is seeking consultant proposals to complete the design of the structural rehabilitation.

RECOMMENDATION

Consultant proposals will be reviewed by Public Works and the selection of a design firm will be based on a combination of qualifications, strength of team, and costs, in the best interest of the City. Due to a compressed time frame to complete the design, Public Works is requesting an award at staff level to escalate the award of the contract to begin the design as soon as possible.

FISCAL IMPACT

Design funds were included in the approved 2024 CIP.

ATTACHMENTS

None



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

February 28, 2024

PREPARED BY

AGENDA ITEM # E.20

Consideration with possible action to approve and accept the easement for sewer purposes required for the Grove Street siphon project.

<u>Part of Tax Parcel #</u>	<u>Interest Required</u>	<u>Owner's Name</u>	<u>Amount</u>
17-1061	Easement	Green Bay Area School District	Public \$10.00

BACKGROUND

Easement for Sewer Purposes required for the Grove Street Siphon Project.

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

- I. APPROVAL EASEMENT - GROVE STREET SIPHON PROJECT

I&S Agenda February 28, 2024

Consideration with possible action to approve and accept the Easement for Sewer Purposes required for the Grove Street Siphon Project.

<u>Part of tax parcel number</u>	<u>Interest Required</u>	<u>Owners Name</u>	<u>Amount</u>
17-1061	Easement	Green Bay Area Public School District	\$10.00

EASEMENT FOR SEWER PURPOSES

It having been deemed necessary for the Improvement, maintenance or protection of public or private property to occupy or use lands owned by GREEN BAY AREA PUBLIC SCHOOL DISTRICT in the City of Green Bay, Brown County, Wisconsin.

KNOWN ALL BY THESE PRESENTS that the owner(s) herein for and in consideration of the sum of Ten and no/100 dollars (\$10.00) in hand paid, the receipt of which is hereby acknowledged, do hereby bargain, sell, convey, transfer and deliver unto

Return this document to:
Green Bay - City Clerk
100 N Jefferson Street
Green Bay, WI 54301

The CITY OF GREEN BAY, a municipal corporation,

a PERMANENT EASEMENT and right-of-way including the perpetual right to enter upon the real estate described in Exhibit

A at any time that it may seem fit and construct, maintain and repair underground pipelines and necessary appurtenances (or manholes) for the purposes of conveying sewage over, across, through and under the lands hereinafter described, together with the right to excavate and refill ditches and/or trenches for the location of said pipelines, and the further right to remove trees, bushes, undergrowth, and other obstructions interfering with the location, construction and maintenance of said pipelines and necessary appurtenances, over the following described in Exhibit A.

It is expressly understood and agreed that during the construction of said pipeline and necessary appurtenances materials and excavation may be placed beyond the limits of the lands described in Exhibit A, which materials and soil shall be removed immediately upon completion of construction and ground restored to original condition. After the construction of said pipeline and necessary appurtenances, grantor and his successors shall have and retain all rights to the use and occupation of said real estate, provided that no structure shall be erected over the lands described in Exhibit A.

For the purpose of the construction, maintenance and repair of said pipeline and necessary appurtenances, the said CITY OF GREEN BAY shall have the right to enter, pass over and use said premises and the lands adjacent thereto for the transportation, laying down, and storage of materials, tools and equipment, the depositing and removal of excavated materials, and for other purposes incidental to the work, but shall do so with the least inconvenience practicable to the grantor(s), and provided that in the event that damage is caused to said real estate or to the lands adjacent thereto, including building erected thereon, by reason of the CITY OF GREEN BAY entering thereon for the purpose of the maintenance and/or repair of said pipeline and necessary appurtenances, said CITY OF GREEN BAY shall reasonably compensate said grantor or successors therefor.

Signed and sealed this 15th day of January, 2024 for the Green Bay Area Public School District.

X _____

 Print or type name and title above



Melissa Thid Collar

 Print or type name of Notary Public above.
 Notary Public, Brown County, Wisconsin
 My Commission Expires: permanently

I:\DeptData\PubWorks\Eng\CAD\ACAD\ROW\Easements\Grove Street Siphon Project\GBAPSD Easement.doc

EXHIBIT A

That part of Lot 2 of Brown County Certified Survey Map Number 8934 as recorded in Volume 63 of Certified Survey Maps, Page 531, as Document Number 2826696, (being part of Government Lots 2 and 3, Section 31, Township 24 North Range 21 East, City of Green Bay, Brown County, Wisconsin, described as follows:

Beginning at the northeast corner of said Lot 2, Certified Survey Map Number 8934;

thence S87°-44'-37"E, 57.32 feet, along the north line of said Lot 2;

thence S57°-59'-47"E, 233.65 feet;

thence N45°-15'-24"E, 40.13 feet, to the Meander Line described in said Certified Survey Map Number 8934;

thence S33°-54'-44"E, 40.73 feet along said Meander Line;

thence S45°-15'-24"W, 64.15 feet;

thence N57°-59'-47"W, 282.40 feet, to the west line of said Lot 2;

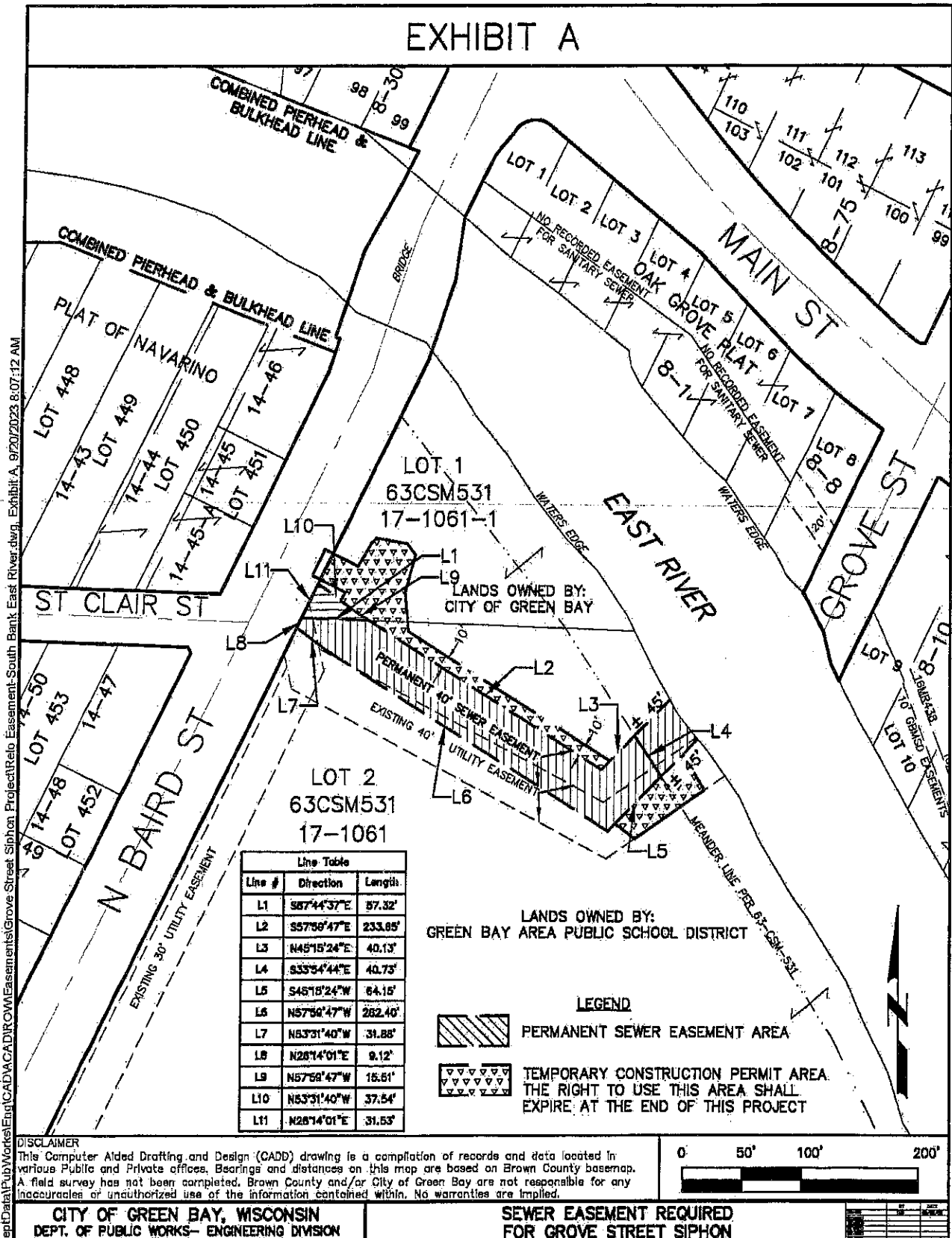
thence N53°-31'-40"W, 31.88 feet;

thence N26°-14'-01"E, 9.12 feet, along said west line of Lot 2, to the point of beginning.

Intending to include all lands between the Meander Line herein described and the southerly bank of the East River.

Part of tax parcel number 17-1061.

EXHIBIT A





Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

February 28, 2024

PREPARED BY

AGENDA ITEM # E.2I

Report of actions taken by the Department of Public Works.

A. Granting of Licenses

1. Sidewalk Builder

- a. Scott R. Weidner Concrete Construction LLC
- b. Verheyen Construction
- c. Craftsman Concrete LLC
- d. LDR Utility, Inc.
- e. RG Hendricks Concrete Construction
- f. Mc Donald Services LLC
- g. Carter Trucking & Excavating Inc.
- h. JC Santy Construction
- i. Bath Concrete Flatwork, LLC
- j. JD Concrete Corporation

2. Tree & Brush Trimmer

- a. A-I Tree Service Inc.
- b. Wolfrath's Landscaping, LLC
- c. Yesterdays Trees
- d. R&J Tree Services
- e. All WI Tree Services, LLC

3. Underground Sprinkler System

- a. Fox Valley Irrigation Inc.
- b. ADC Maintenance LLC
- c. Wolfrath's Landscaping, LLC

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

None



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

February 28, 2024

PREPARED BY

AGENDA ITEM # F.I

Director's Report on recent activities of the Public Works Department.

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

None