Board of Public Works

Regular Meeting

Agenda

335 South Broadway
De Pere, WI 54115
https://www.deperewi.gov/

Monday, March 8, 2021 | **7:30 PM** | **GoToMeeting**

Pursuant to Wisconsin Statutes 19.84, Notice is hereby given to the public that a meeting of the **Board of Public Works** of the City of De Pere will be held on **March 8, 2021** at **7:30 PM.**

Due to the current public health emergency, the meeting will be held electronically and the public may attend this meeting electronically or telephonically by accessing either:

Please join my meeting from your computer, tablet or smartphone.
https://www.gotomeet.me/DePere

You can also dial in using your phone.
United States (Toll Free): 1 866 899 4679
United States: +1 (312) 757-3117

Access Code: 154-883-285

THIS MEETING WILL NOT BE HELD IN PERSON.

This meeting may also be rebroadcast on Spectrum Cable Channel 4 and AT&T U-verse Channel 99 throughout the week and available on demand at http://deperecitywi.iqm2.com/.

I. Call to Order

1. Roll Call

II. Items

1. Approval of February 8, 2021 Board of Public Works Meeting Minutes
2. Consideration and possible action on AT&T's 1st Amendment Lease Agreement for Merrill Water Tower*
3. Consideration and possible action on Definitely De Pere's Request for Replacing Downtown Light Pole Banners Utilizing Excess Stadium Tax Funds*
4. Consideration and possible action on Definitely De Pere's Request for Sculpture Walk Project Utilizing Excess Stadium Tax Funds*
5. Consideration and possible action on Preliminary Resolution for Special Assessments for Storm Sewer Main and/or Laterals
6. Consideration and possible action on New Contract for Uniform Services
7. Consideration and possible action on Preventative Maintenance Contract for Backup Generators*
8. Consideration and possible action on award of Contract 21-03 Sewer Lining*
9. Consideration and possible action on award of Contract 21-15 Sewer Televising*
10. Consideration and possible action on award of Contract 21-20 Commerce Drive Concrete Paving*

11. Consideration and possible action on 2020 Draft Annual Report for the Wisconsin Department of Natural Resources MS4 General Permit*

12. Discuss Ald. Hansen's Request for Installation of Underground Power in Existing Neighborhoods

III. Future Agenda Items

IV. Adjournment

***Items with an asterisk require City Council approval.**

Any person wishing to attend this meeting who, because of disability, requires special accommodations should contact the Clerk-Treasurer's office at 339-4050 by Noon, Monday, March 8, 2021 so that arrangements can be made.

Agenda Sent To:

MAYOR
ALDERPERSONS
DEPARTMENT HEADS
ANTHONY D & KATHERINE J HAMILTON
MARY MCDONALD
COTTER INVESTMENTS LLC
NEW HORIZON ENTERPRISES LLC
ANTHONY D & KATHERINE J HAMILTON
MARY MCDONALD
MELISSA HAEVERS
KENNETH M TOUTLOFF II
CASTLE ROCK HOMES LLC
JEREMY D MILLER
GARY W MARTIN
LAURIE J BECKERS
BEACHWALKER EXPRESS LLC
DEANNA J PETERSON
EPL INVESTMENTS LLC
RICK A & THERESA A VANENKEVORT
ALFRED J & MELISSA L WALKER
DAVID P & MICHELLE A SPIERING
ANDREW & SOFIA KRANS
AMY L SADEWATER
ANDREA THORPE
KENT A & KIMBERLY E THEEL
DENNIS N & JOANNE H ODONNELL
JENNIFER SOLCZ
GERALD H & SARAH J CEGELSKI
BARBARA WOCHE

JODIE L GEHM
LINDSAY J MUSHYNSKI
MATTHEW K & ANGELIQUE C WEGMANN
EDWARD & JUDITH M KASS TRUST AGREEMENT
DE PERE CHAMBER OF COMMERCE
TV, NEWSPAPERS & RADIO
KRESS FAMILY LIBRARY
JEAN A WEAVER
EUGENE L & KATHERINE A FORREST
RACHAEL M GILBERTSON
LESLIE A PETERSON
MICHAEL D & NANCY L LEMAY
MELISSA A SCHUETTE
JENNIFER R CLASSON
ANDREW M & CHRISTINA L DEKEUSTER
JUSTIN M & MIRAN E MATTERN
CHRISTOPHER G & ANNETTE EASTMAN
ANTHONY J LANZ
JULIE MALONEY
KENNETH L CLARK
ERIC S KORDES
VANROY NANCY L REVOCABLE TRUST
JOHN J & SHIELA MAE HOLDER
AVERY G GARCIA, ETAL
MARGARET A CHRIST
STEPHANIE L & CYNTHIA M MOSTEK
KODY SEBO
LARRY F & ROBERTA R LONGLAIS
MICHIELS BONNIE J SURVIVOR'S TRUST
DWELL RENTAL PROPERTIES LLC
MOSTEK ROBERTA L REVOCABLE TRUST
JASON & SADIE BUBOLTZ-DUBS
DEBORAH L THOMSON
SMULLEN MICHAEL J & SUSAN K REVOCABLE TRUST
SCOTT L & DEBORAH L RUGGLES
THOMAS R & SUZANNE M VANDELIST

PENNY A SMITH

THOMAS J & JOAN W KIELY
STEVEN P & DEANNA J SULLIVAN
EMILY SCHULTZ
JANE E GANTENBEIN
CINTAS
MICHELS PIPE SERVICES
SOMMERS CONSTRUCTION CO., INC
AT&T
MARGARET A MCGINN
STEVEN & LYNNE SMET
DEBORAH MEYER
KATHLEEN SMITS
CUMMINS SALES AND SERVICE
GREEN BAY PIPE & TV, LLC
DEFINITELY DE PERE

Notice is hereby given that a majority of the members of the Common Council of the City of De Pere may attend this meeting to gather information about a subject (s) over which they have decision-making responsibility.

City of De Pere, Wisconsin

Request For Board of Public Works Action

MEETING DATE:	**March 8, 2021**
DEPARTMENT:	**Board of Public Works**
FROM:	**Betty Sellenheim**
SUBJECT:	**Approval of February 8, 2021 Board of Public Works Meeting Minutes**

ATTACHMENTS:

- 2021 0208 CE_BOPW_Draft Minutes (PDF)

Board of Public Works

335 South Broadway
De Pere, WI 54115
https://www.deperewi.gov/

Regular Meeting

Draft Minutes

Monday, February 8, 2021 **7:30 PM** **GoToMeeting**

I. Call to Order

The meeting was called to order at 7:30 PM by Mayor James Boyd

Attendee Name	Title	Status	Arrived
James Boyd	Mayor	Remote	
Dan Carpenter	Alderperson	Remote	
Jonathon Hansen	Alderperson	Remote	
Shana Defnet Ledvina	Alderperson	Remote	
Dean Raasch	Alderperson	Remote	

Others present:
Scott Thoresen, Director of Public Works (Remote)
Eric Rakers, City Engineer (Remote)
Betty Sellenheim, Recording Secretary (Remote)
Jim Schneider, Sustana (Remote)
Patrick Wrenn, St. Norbert College (Remote)

II. Items

1. Approval of the January 11, 2021 Board of Public Works Meeting Minutes

Mayor Boyd moved to approve the January 11, 2021 Board of Public Works Meeting Minutes, seconded by Alderperson Hansen.
Upon vote, the motion passed unanimously.

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	James Boyd, Mayor
SECONDER:	Jonathon Hansen, Alderperson
AYES:	Boyd, Carpenter, Hansen, Defnet Ledvina, Raasch

2. Consideration and possible action on Sustana Request to Discharge Non-Contact Coolant Water to Future Storm Water Pond*

Eric Rakers, City Engineer, outlined the 2021 construction of storm water ponds off Matthew Drive and potential discharge of non-contact coolant water from Sustana. Staff would further investigate the request from Sustana and bring back an agreement for approval by Board of Public Works and Common Council after the investigation was found favorable.
Alderperson Raasch verified the discharge to be non-contact cooling water, rather than gray water discharge. Mr. Rakers stated it would be and the DNR would not allow discharge of gray water. Alderperson Raasch questioned processing and pre-treating done at the plant. Mr. Rakers stated they do some pre-treatment of waste water and have a separate force main.

Mayor Boyd moved to open the meeting for public comment at 7:35 PM, seconded by Alderperson Raasch. Upon vote, the motion passed unanimously.

Jim Schneider, Vice-President of Operations-Sustana, provided additional information regarding their request for discharge of non-contact coolant water and plant operations.

Alderperson Carpenter questioned the future force main usage by the plant. Mr. Schneider stated there may be a point in the future that it is not used as they transition to zero-waste-discharge within the plant, but would need to keep it operational for times when the city requests the discharge be re-directed from the ponds for maintenance.

Mayor Boyd moved to return to regular session at 7:39 PM, seconded by Alderperson Carpenter. Upon vote, the motion passed unanimously.

Alderperson Carpenter expressed concerns about providing this option without compensation and previous loss of revenues when large-businesses were allowed to install wells rather than using City water system, causing residential tax payers to pick up extra costs. Mr. Rakers and Scott Thoresen, Director of Public Works, stated the collection cost for sanitary are low due to the direct connection to GBMSD through the force main resulting in the City not losing much revenue by this change of discharge to the pond. Mr. Thoresen added that the entire Green Bay area may see a change from GBMSD as they use the total inflow to determine rates and this volume loss could cause rates to increase. Alderperson Raasch agreed with Alderperson Carpenter regarding extra costs to tax payers once the discharge is redirected.

Alderperson Raasch moved to approve staff investigation regarding Sustana request to discharge non-contact coolant water to future storm water pond, seconded by Alderperson Carpenter. Upon vote, the motion passed unanimously.

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	Dean Raasch, Alderperson
SECONDER:	Dan Carpenter, Alderperson
AYES:	Boyd, Carpenter, Hansen, Defnet Ledvina, Raasch

3. Consideration and possible action on award of Contract 21-05 Sidewalk and Curb Repairs*

Eric Rakers, City Engineer, outlined Project 21-05 Sidewalk and Curb Repairs.

Mayor Boyd moved to approve award of Contract 21-05 Sidewalk and Curb Repairs to Sommers Construction Company in the amount of $238,190, seconded by Alderperson Ledvina.

Alderperson Hansen asked if the sidewalk program was back to the normal repair schedule. Mr. Rakers stated it was.

Upon vote, the motion passed unanimously.

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	James Boyd, Mayor
SECONDER:	Shana Defnet Ledvina, Alderperson
AYES:	Boyd, Carpenter, Hansen, Defnet Ledvina, Raasch

4. Consideration and possible action on award of Contract 21-06 Concrete Street Repairs*

Eric Rakers, City Engineer, outlined Project 21-06 Concrete Street Repairs and funding sources.

Mayor Boyd moved to approve the award of Contract 21-06 Concrete Street Repairs to Vinton Construction Company in the amount of $247, 223, seconded by Alderperson Raasch.
Upon vote, the motion passed unanimously.

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	James Boyd, Mayor
SECONDER:	Dean Raasch, Alderperson
AYES:	Boyd, Carpenter, Hansen, Defnet Ledvina, Raasch

5. Consideration and possible action on the 2021 Storm Lateral Assessment Charge-Residential

Eric Rakers, City Engineer, explained the storm lateral assessment charge for residential properties and how it is calculated.

Alderperson Hansen moved to approve the 2021 Storm Later Assessment Charge for residential properties, seconded by Alderperson Carpenter.
Upon vote, the motion passed unanimously.

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	Jonathon Hansen, Alderperson
SECONDER:	Dan Carpenter, Alderperson
AYES:	Boyd, Carpenter, Hansen, Defnet Ledvina, Raasch

6. Consideration and possible action on the 2021 Storm Lateral Assessment Charge-Existing Non-Residential Properties

Eric Rakers, City Engineer, explained the storm lateral assessment charge for non-residential properties and how it is calculated.

Mayor Boyd moved to approve the 2021 Storm Lateral Assessment Charge for Non-residential properties, seconded by Alderperson Ledvina.
Upon vote, the motion passed unanimously.

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	James Boyd, Mayor
SECONDER:	Shana Defnet Ledvina, Alderperson
AYES:	Boyd, Carpenter, Hansen, Defnet Ledvina, Raasch

7. Consideration and possible action on the 2021 Sidewalk Special Charge Rates and Payback Periods

Eric Rakers, City Engineer, explained the limits of the 2021 sidewalk repair program and estimated costs.
Alderperson Hansen asked for additional information regarding the City Attorney's stance on not charging interest, as it has been done the last two years of sidewalk charges. Mr. Rakers explained the State Statute does not state you can or cannot charge interest, causing staff to err on the side of not charging interest. Alderperson Carpenter expressed interest in a tiered approach to payback options, especially if no interest is being charged. Mayor Boyd asked if Alderperson Carpenter is interested in a higher cost to allow payback options ($1,500 rather than $1,000) or no payback option at all. Alderperson Carpenter clarified that he would like to see a three year payback option for $1,000 and higher. Alderperson Ledvina asked if residents could apply for hardship for sidewalk

charges. Mr. Rakers stated residents could apply for hardship for sidewalk repair charges. Scott Thoresen, Director of Public Works, added in the last three or four years, two residents have applied for hardship and their charges were under $1,000.

Alderperson Hansen moved to approve the 2021 special charge rates and a three year payback option for 2021 sidewalk repairs costing over $1,000 with no interest, seconded by Alderperson Carpenter.
Upon vote, the motion passed unanimously.

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	Jonathon Hansen, Alderperson
SECONDER:	Dan Carpenter, Alderperson
AYES:	Boyd, Carpenter, Hansen, Defnet Ledvina, Raasch

8. Consideration and possible action on Agreement Between the City and St. Norbert College Regarding Reconstruction and Discontinuance of Portion of Reid Street*

Scott Thoresen, Director of Public Works, explained the request from St. Norbert College to discontinue a portion of Reid Street east of Third Street to control the area within campus and reconstruction as planned in Capital Improvements Plan. Mr. Thoresen explained if approved the street vacation will be forwarded to Plan Commission for review and approval.
Alderperson Carpenter asked the limits of the water main relay. Mr. Thoresen explained the plan was to relay until just east of the old First Street (Kunkle Way) and there are no immediate plans to relay under the Fox River. Alderperson Carpenter asked if the agreement includes staff access/ROW for tie-in for replacing/relaying under the Fox River. Mr. Thoresen stated the agreement includes City access for maintaining utilities.

Mayor Boyd moved to open the meeting for public comment at 8:11 PM, seconded by Alderperson Carpenter. Upon vote, the motion passed unanimously.

Pat Wrenn, Director of Facilities-St. Norbert College, explained the college has no plans for any improvements that may interfere with the utilities or access. Mr. Wrenn stated a riverwalk has been of interest to the college but would be easily dismantled for access to make repairs to utilities.

Mayor Boyd moved to return to regular session at 8:13 PM, seconded by Alderperson Raasch. Upon vote, the motion passed unanimously.

Alderperson Raasch moved to approve the Agreement between the City of De Pere and St. Norbert College regarding the reconstruction and discontinuance of a portion of Reid Street, seconded by Mayor Boyd.
Upon vote, the motion passed unanimously.

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	Dean Raasch, Alderperson
SECONDER:	James Boyd, Mayor
AYES:	Boyd, Carpenter, Hansen, Defnet Ledvina, Raasch

9. Consideration and possible action on Project Approach for Full-Length Sanitary Sewer Lateral Replacement

Eric Rakers, City Engineer, explained staff's recommended approach regarding full-length replacements. Staff will need to set policy/standards for replacement, a notification process, and associated timeline for resident replacement before staff has the contractor repair the lateral to the home (similar to the annual sidewalk program), establish annual costs, determine any city-funded portions, and payback process (similar to storm sewer laterals/main). Mr. Rakers explained staff would need to get the laterals televised a year in advance to allow staff to evaluate and the resident time to repair. Mr. Rakers stated lateral televising cannot be done in-house with the current equipment and would need to be added to the televising contract. Mr. Rakers stated City Ordinance would also need to be reviewed to allow staff access to private property for the inspections and repairs, set penalties for failure to remove or repair improper connections, and conditions requiring repair/replacement and timeline. Staff would also need to update the standard specifications to outline repair/replacement options. Mr. Rakers stated staff will be bringing forward to a future Board of Public Works Meeting, plans for smoke testing and sump pump inspections.
Alderperson Carpenter asked whether smoke testing would or could occur before an ordinance is in place and if communities have had an issue with ruining a lateral through the televising/jetting process. Mr. Rakers stated the televising system has a side camera that can be pushed through the laterals and would rely on the operator to notify staff if the lateral appears to be in exceptionally poor condition. With the current sewer lining program, contractors are asked to televise if a property has multiple laterals and if bulk-headed, they are lined and not opened back up to reduce potential I&I into the system. Mr. Rakers stated staff will be sending out proposals for smoke testing, to be completed in summer 2021. Alderperson Carpenter asked if laterals will be relayed to the property line on Erie Street during construction on Project 21-02. Mr. Rakers stated they would be for the properties that are serviced off Erie Street (not alley connections).

Mayor Boyd moved to approve the project approach for full-length sanitary sewer lateral replacements, seconded by Alderperson Raasch.
Upon vote, the motion passed unanimously.

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	James Boyd, Mayor
SECONDER:	Dean Raasch, Alderperson
AYES:	Boyd, Carpenter, Hansen, Defnet Ledvina, Raasch

10. Consideration and possible action on 9th Street Reservoir Mixer

Scott Thoresen, Director of Public Works, explained staff request to change the 2021 water utility budgeted Merrill Street Reservoir Mixer to Ninth Street Reservoir Mixer due to unforeseen costs associated with upgrading SCADA at Merrill Street. Merrill Street would be appropriately budgeted for 2022 SCADA upgrades and mixer installation. Alderperson Carpenter asked if the mixers would all be installed by end of 2022. Mr. Thoresen stated there would be two remaining for 2022 and would be completed in next year's budget cycle if approved.

Mayor Boyd moved to approve changing the budgeted Merrill Street Reservoir Mixer to Ninth Street Reservoir Mixer and send out proposals, seconded by Alderperson Raasch.
Upon vote, the motion passed unanimously.

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	James Boyd, Mayor
SECONDER:	Dean Raasch, Alderperson
AYES:	Boyd, Carpenter, Hansen, Defnet Ledvina, Raasch

11. Consideration and possible action on Soliciting for Design Services for MSC Expansion*

Scott Thoresen, Director of Public Works, outlined the request to solicit design services to expand the Municipal Service Center to accommodate City equipment housed at this location. Mr. Thoresen explained the company that provides the design services will provide bidding documents and construction estimates for the expansion to be included in the 2022 budget. Mr. Thoresen explained the site will need to be rezoned in order to expand. If the site is not rezoned, a new site would need to be found and a new building would need to be constructed, costing many millions of dollars.
Alderperson Raasch asked how long the requested expansion would fulfill staff and equipment needs and if additional lot space is available surrounding the current location for additional expansions. Mr. Thoresen stated that he believes the expansion would fulfill staff and equipment needs for about 10-15 years and the expansion would primarily be to the north, east and west of the current footprint. Alderperson Raasch asked if expansion east towards the railroad tracks was possible. Mr. Thoresen explained there is not a lot of room to the east but the City owns a vacant lot to the south along the railroad tracks on Lande Street. Alderperson Hansen asked if the fuel tanks will be repaired as part of the expansion project and included in the proposal. Mr. Thoresen stated the replacement of the fuel tanks would be included in the design services proposal. Alderperson Hansen asked if staff had considered pursuing a new site rather than expanding. Mr. Thoresen explained staff had done some research on relocating and estimated the cost to be about $50 Million compared to expanding at an approximate cost of $5 Million.

Mayor Boyd moved to approve solicitation for design services for MSC expansion on the existing site, seconded by Alderperson Raasch.
Upon vote, the motion passed unanimously.

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	James Boyd, Mayor
SECONDER:	Dean Raasch, Alderperson
AYES:	Boyd, Carpenter, Hansen, Defnet Ledvina, Raasch

12. Consideration and possible action on Ald. Hansen's Request for Responsible Bidder's Ordinance*

Scott Thoresen, Director of Public Works, explained the attachments included from the January Board of Public Works meeting along with additional attachments as requested by Alderperson Hansen.
Alderperson Hansen summarized his memo regarding adopting a Responsible Bidder's Ordinance, such as those adopted by Green Bay and Brown County.
Mr. Thoresen spoke on behalf of staff not supporting this ordinance and explained why. Eric Rakers, City Engineer, explained additional reasons staff does not support this ordinance. Alderperson Hansen further expressed his interest in the ordinance with regards to the apprenticeship program. Alderperson Ledvina spoke in favor of the apprenticeship program and encouraging the trades. Mayor Boyd stated at the state or county level there is an initiative to incorporate and encourage trades at younger ages.

Alderperson Hansen moved to approve a Responsible Bidder's Ordinance, seconded by Alderperson Ledvina.

Alderperson Raasch expressed his thoughts regarding the apprenticeship program, labor protections, the ordinance as a whole, and the current pre-qualification process. Alderperson Carpenter spoke in favor of the current pre-qualification process and potential issues with requirements in the proposed ordinance. Alderperson Ledvina stated she could see both sides, in support and opposition. Mayor Boyd stated he could also see both sides but did not believe this was the right choice for De Pere and the residents.

Upon vote, the motion failed with Alderpersons Hansen and Ledvina voting in favor.

RESULT:	**DEFEATED [2 TO 3]**
MOVER:	Jonathon Hansen, Alderperson
SECONDER:	Shana Defnet Ledvina, Alderperson
AYES:	Jonathon Hansen, Shana Defnet Ledvina
NAYS:	James Boyd, Dan Carpenter, Dean Raasch

III. Future Agenda Items

Alderperson Hansen asked staff to investigate for discussion the option of burying power lines and encouraging underground utilities.

IV. Adjournment

Mayor Boyd moved to adjourn the meeting at 9:02 PM, seconded by Alderperson Raasch. Upon vote, the motion passed unanimously.

Respectfully submitted,
Betty Sellenheim

City of De Pere, Wisconsin

Request For Board of Public Works Action

MEETING DATE:	**March 8, 2021**
DEPARTMENT:	**Public Works**
FROM:	**Scott Thoresen**
SUBJECT:	**Consideration and possible action on AT&T's 1st Amendment Lease Agreement for Merrill Water Tower***

ATTACHMENTS:

- Consider AT&T's 1st Amendment Lease Agreement - Merrill Tower 3-3-2021 (PDF)
- AT&T - First Amendment to Tower Lease Agmt - Merrill Tower (PDF)
- AT&T Merrill Original Lease (PDF)

CITY OF DE PERE
MEMO

To: Honorable Mayor Boyd
Board of Public Works Members
From: Scott J. Thoresen, Director of Public Works
Date: March 3, 2021
RE: Consideration and possible action on AT&T's 1st Amendment Lease Agreement for Merrill Water Tower*

The City currently has a lease agreement with AT&T for their wireless facilities on the Merrill water tower and receives a current annual payment of $36,659.12. The original lease agreement (See attached) was originally approved on June 4, 2001 and is set to expire on June 3, 2021.

The City also has the following wireless companies with lease agreements on Merrill tower:

- Verizon - $21,301.92 annual payment
- T-Mobile - $36,951.36 annual payment
- Sprint - $42,277.92 annual payment

AT&T approached the City to renegotiate the lease agreement terms because they are currently in the process of re-evaluating their mapping network due to the change in demands of their customers. AT&T felt the current economics of the existing lease agreement had become unsustainable and had to be reduced if they were going to continue to have the Merrill water tower as a designated location for their wireless facilities for their network.

AT&T and staff negotiated the proposed the "First Amendment to Tower Lease Agreement" (See attached) extending the current lease agreement with the following terms:

- Lease shall renew for six (6) separate consecutive additional periods of five (5) years;
- Rent shall be $32,000 annually;
- Rent will increase 15% over the five (5) year term

Staff recommends approving the agreement.

Cell Site No.: WI6443
Cell Site Name: City of De Pere WT
Fixed Asset No.: 10083186
Market: IL / WI
Address: 1501 Merrill Street, De Pere, WI 54115

FIRST AMENDMENT TO TOWER LEASE AGREEMENT

THIS FIRST AMENDMENT TO TOWER LEASE AGREEMENT ("**First Amendment**"), dated as of the latter of the signature dates below (the "**Effective Date**"), is by and between the City of De Pere, a Wisconsin municipal corporation, having a mailing address of 335 South Broadway, De Pere, WI 54115 (hereinafter referred to as "**Landlord**"), and New Cingular Wireless PCS, LLC, a Delaware limited liability company, successor to TeleCorp Realty, L.L.C., a Delaware limited liability company, having a mailing address of 1025 Lenox Park Blvd. NE, 3rd Floor, Atlanta, GA 30324 (hereinafter referred to as "**Tenant**"), collectively referred to as "**the Parties**."

WHEREAS, Landlord and Tenant (or its respective predecessor) entered into a Tower Lease Agreement dated June 4, 2001 (hereinafter, the "**Lease**"), whereby Landlord leased to Tenant certain premises ("**Premises**"), therein described, that are a portion of the property ("**Property**") located at 1501 Merrill Street, De Pere, WI; and

WHEREAS, the current term of the Lease will expire on June 3, 2021; and

WHEREAS, the Parties mutually desire to renew the Lease, memorialize such renewal period and modify the Lease in certain other respects, all on the terms and conditions contained herein; and

WHEREAS, Landlord and Tenant desire to amend the Lease to extend the term of the Lease; and

WHEREAS, Landlord and Tenant desire to amend the Lease to adjust the rent (as defined below) in conjunction with the modifications to the Lease contained herein; and

WHEREAS, Landlord and Tenant desire to amend the Lease to modify the notice section thereof; and

WHEREAS, Landlord and Tenant, in their mutual interest, wish to amend the Lease as set forth below accordingly.

NOW THEREFORE, in consideration of the foregoing and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Landlord and Tenant agree that the recitals set forth above are incorporated herein as if set forth in their entirety and further agree as follows:

1. **Extension of Term**. Paragraph 3 of the Lease is hereby deleted and replaced with the following: The term of the Lease shall be amended to provide that the current term, which commenced on June 4, 2016, shall expire on June 3, 2021 ("**Current Term**"), and commencing on June 4, 2021, will be automatically renewed, upon the same terms and conditions of the

Lease, as amended herein, for up to six (6) separate consecutive additional periods of five (5) years each (each such five (5) year additional period is hereinafter referred to as an "**Additional Renewal Term**" and each such Additional Renewal Term shall be considered an Renewal Term under the Lease), without further action by Tenant unless Tenant notifies Landlord in writing of Tenant's intention not to renew the Lease at least sixty (60) days prior to the expiration of the Current Term or the then current Additional Renewal Term. The Current Term and the Additional Renewal Term(s) are collectively referred to as the Term ("**Term**").

2. **Rent**. Commencing on June 4, 2021, the current annual Rent payable under the Lease shall be Thirty-Two Thousand and No/100 Dollars ($32,000.00) per year (the "**Rent**"), and shall continue during the Term, subject to adjustment as provided herein. Paragraph 4(a) of the Lease shall be amended to provide that Rent shall be adjusted as follows: commencing on June 4, 2026, and each Additional Extension Term exercised thereafter, the annual Rent will increase by fifteen percent (15%) over the Rent paid during the previous five (5) year term.

3. **Charges**. All charges payable under the Lease such as utilities and taxes shall be billed by Landlord within one (1) year from the end of the calendar year in which the charges were incurred; any charges beyond such period shall not be billed by Landlord, and shall not be payable by Tenant. The foregoing shall not apply to monthly Rent which is due and payable without a requirement that it be billed by Landlord. The provisions of this subparagraph shall survive the termination or expiration of the Lease.

4. **Acknowledgment**. Landlord acknowledges that: 1) this First Amendment is entered into of the Landlord's free will and volition; 2) Landlord has read and understands this First Amendment and the underlying Lease and, prior to execution of this First Amendment, was free to consult with counsel of its choosing regarding Landlord's decision to enter into this First Amendment and to have counsel review the terms and conditions of this First Amendment; 3) Landlord has been advised and is informed that should Landlord not enter into this First Amendment, the underlying Lease between Landlord and Tenant, including any termination or non-renewal provision therein, would remain in full force and effect.

5. **Notices**. Paragraph 13 of the Lease is hereby deleted in its entirety and replaced with the following:

"(a) NOTICES. All notices, requests, demands and communications hereunder will be given by first class certified or registered mail, return receipt requested, or by a nationally recognized overnight courier, postage prepaid, to be effective when properly sent and received, refused or returned undelivered. Notices will be addressed to the parties as follows:
If to Tenant:

New Cingular Wireless PCS, LLC
Attn.: Network Real Estate Administration
Re: Cell Site #: WI6443
Cell Site Name: City of De Pere WT (WI); Fixed Asset No.: 10083186
1025 Lenox Park Blvd. NE

3rd Floor
Atlanta, GA 30319

With a required copy of the notice sent to the address above to AT&T Legal at:

New Cingular Wireless PCS, LLC
Attn.: AT&T Legal Department
Re: Cell Site #: WI6443
Cell Site Name: City of De Pere WT (WI); Fixed Asset No.: 10083186
208 S. Akard Street
Dallas, Texas, 75202-4206

A copy sent to the Legal Department is an administrative step which alone does not constitute legal notice.

And as to Landlord:

City of De Pere
Attn.: City Administrator
335 South Broadway
De Pere, WI 54115

Either party hereto may change the place for the giving of notice to it by thirty (30) days prior written notice to the other as provided herein."

6. **Memorandum of Lease**. Either party will, at any time upon fifteen (15) days prior written notice from the other, execute, acknowledge and deliver to the other a recordable Memorandum of Lease substantially in the form of the Attachment 1. Either party may record this memorandum at any time, in its absolute discretion.

7. **Other Terms and Conditions Remain**. In the event of any inconsistencies between the Lease and this First Amendment, the terms of this First Amendment shall control. Except as expressly set forth in this First Amendment, the Lease otherwise is unmodified and remains in full force and effect. Each reference in the Lease to itself shall be deemed also to refer to this First Amendment.

8. **Capitalized Terms**. All capitalized terms used but not defined herein shall have the same meanings as defined in the Lease.

[NO MORE TEXT ON THIS PAGE - SIGNATURES TO FOLLOW ON NEXT PAGE]

Cell Site No.: WI6443
Cell Site Name: City of De Pere WT
Fixed Asset No.: 10083186
Market: IL / WI
Address: 1501 Merrill Street, De Pere, WI 54115

IN WITNESS WHEREOF, the parties have caused their properly authorized representatives to execute this First Amendment on the dates set forth below.

LANDLORD:
City of De Pere,
a Wisconsin municipal corporation

By: _____

Print Name: James G. Boyd

Title: Mayor

Date: _____

By: _____

Print Name: Carey E. Danen

Title: City Clerk

Date: _____

TENANT:
New Cingular Wireless PCS, LLC,
a Delaware limited liability company

By: AT&T Mobility Corporation
Its: Manager

By: _____

Print Name: _____

Title: _____

Date: _____

[ACKNOWLEDGMENTS APPEAR ON THE NEXT PAGE]

Cell Site No.: WI6443
Cell Site Name: City of De Pere WT
Fixed Asset No.: 10083186
Market: IL / WI
Address: 1501 Merrill Street, De Pere, WI 54115

LANDLORD ACKNOWLEDGMENT

STATE OF _____)
) SS.
COUNTY OF _____)

I certify that I know or have satisfactory evidence that _____ is the person who appeared before me, and said person acknowledged that said person signed this instrument, on oath stated that said person was authorized to execute the instrument and acknowledged it as the _____ of the **City of De Pere, a Wisconsin municipal corporation**, to be the free and voluntary act of such party for the uses and purposes mentioned in the instrument.

DATED: _____.

Notary Seal

_____
(Signature of Notary)

_____
(Legibly Print or Stamp Name of Notary)
Notary Public in and for the State of
_____
My appointment expires: _____

Cell Site No.: WI6443
Cell Site Name: City of De Pere WT
Fixed Asset No.: 10083186
Market: IL / WI
Address: 1501 Merrill Street, De Pere, WI 54115

LANDLORD ACKNOWLEDGMENT

STATE OF _____)
) SS.
COUNTY OF _____)

I certify that I know or have satisfactory evidence that _____ is the person who appeared before me, and said person acknowledged that said person signed this instrument, on oath stated that said person was authorized to execute the instrument and acknowledged it as the _____ of the **City of De Pere, a Wisconsin municipal corporation**, to be the free and voluntary act of such party for the uses and purposes mentioned in the instrument.

DATED: _____.

Notary Seal

_____
(Signature of Notary)

_____
(Legibly Print or Stamp Name of Notary)
Notary Public in and for the State of
_____
My appointment expires: _____

Cell Site No.: WI6443
Cell Site Name: City of De Pere WT
Fixed Asset No.: 10083186
Market: IL / WI
Address: 1501 Merrill Street, De Pere, WI 54115

TENANT ACKNOWLEDGMENT

STATE OF _____)
) SS.
COUNTY OF _____)

I certify that I know or have satisfactory evidence that _____ is the person who appeared before me, and said person acknowledged that he/she signed this instrument, on oath stated that he/she was authorized to execute the instrument and acknowledged it as the _____ of AT&T Mobility Corporation, the Manager of **New Cingular Wireless PCS, LLC**, **a Delaware limited liability company**, to be the free and voluntary act of such party for the uses and purposes mentioned in the instrument.

DATED: _____.

Notary Seal

_____
(Signature of Notary)

_____
(Legibly Print or Stamp Name of Notary)
Notary Public in and for the State of
_____
My appointment expires: _____

Cell Site No.: WI6443
Cell Site Name: City of De Pere WT
Fixed Asset No.: 10083186
Market: IL / WI
Address: 1501 Merrill Street, De Pere, WI 54115

Attachment 1

Memorandum of Lease

See Next Sheet

Cell Site No.: WI6443
Cell Site Name: City of De Pere WT
Fixed Asset No.: 10083186
Market: IL / WI
Address: 1501 Merrill Street, De Pere, WI 54115

Document Number

MEMORANDUM OF LEASE

Document Title

THIS DOCUMENT PREPARED BY, and WHEN RECORDED RETURN TO:

Catherine Abejar, Lease Processing
(858) 799-7850
Md7, LLC
10590 West Ocean Air Drive
Suite 300
San Diego, CA 92130

Parcel ID Number:
ED-1436-3

SPACE ABOVE FOR RECORDER'S USE

Re: Cell Site #: WI6443
Cell Site Name: City of De Pere WT (WI)
Fixed Asset Number: 10083186
State: WI
County: Brown

MEMORANDUM
OF
LEASE

This Memorandum of Lease is entered into on this ____ day of _____, 202__, by and between the City of De Pere, a Wisconsin municipal corporation, having a mailing address at 335 South Broadway, De Pere, WI 54115 (hereinafter referred to as "**Landlord**") and New Cingular Wireless PCS, LLC, a Delaware limited liability company, successor to TeleCorp Realty, L.L.C., a Delaware limited liability company, having a mailing address of 1025 Lenox Park Blvd. NE, 3rd Floor, Atlanta, GA 30319 (hereinafter referred to as "**Tenant**").

1. Landlord and Tenant (or its predecessor) entered into a certain Tower Lease Agreement dated June 4, 2001, as further amended by that certain First Amendment to Tower Lease Agreement dated _____ ____, 202__ (hereinafter, collectively, the "**Lease**") for the purpose of installing, operating and maintaining a communications facility and other improvements at Landlord's real property located in the City of De Pere, County of Brown, commonly known as 1501 Merrill Street. All of the foregoing are set forth in the Lease.

Cell Site No.: WI6443
Cell Site Name: City of De Pere WT
Fixed Asset No.: 10083186
Market: IL / WI
Address: 1501 Merrill Street, De Pere, WI 54115

2. Commencing on June 4, 2021, the Agreement shall extend for six (6) successive five (5) year options to renew.

3. The portion of the land being leased to Tenant (the "**Premises**") is described in **Exhibit 1** annexed hereto.
4. This Memorandum of Lease is not intended to amend or modify and shall not be deemed or construed as amending or modifying, any of the terms, conditions or provisions of the Lease, all of which are hereby ratified and affirmed. In the event of a conflict between the provisions of this Memorandum of Lease and the provisions of the Lease, the provisions of the Lease shall control. The Lease shall be binding upon and inure to the benefit of the parties and their respective heirs, successors, and assigns, subject to the provisions of the Lease.

[NO MORE TEXT ON THIS PAGE - SIGNATURES TO FOLLOW ON NEXT PAGE]

Cell Site No.: WI6443
Cell Site Name: City of De Pere WT
Fixed Asset No.: 10083186
Market: IL / WI
Address: 1501 Merrill Street, De Pere, WI 54115

IN WITNESS WHEREOF, the parties have executed this Memorandum of Lease as of the day and year first above written.

LANDLORD:
City of De Pere,
a Wisconsin municipal corporation

By: _____

Print Name: James G. Boyd

Title: Mayor

Date: _____

By: _____

Print Name: Carey E. Danen

Title: City Clerk

Date: _____

TENANT:
New Cingular Wireless PCS, LLC,
a Delaware limited liability company

By: AT&T Mobility Corporation
Its: Manager

By: _____

Print Name: _____

Title: _____

Date: _____

[ACKNOWLEDGMENTS APPEAR ON THE NEXT PAGE]

Cell Site No.: WI6443
Cell Site Name: City of De Pere WT
Fixed Asset No.: 10083186
Market: IL / WI
Address: 1501 Merrill Street, De Pere, WI 54115

LANDLORD ACKNOWLEDGMENT

STATE OF _____)
) SS.
COUNTY OF _____)

I certify that I know or have satisfactory evidence that _____ is the person who appeared before me, and said person acknowledged that said person signed this instrument, on oath stated that said person was authorized to execute the instrument and acknowledged it as the _____ of the **City of De Pere, a Wisconsin municipal corporation**, to be the free and voluntary act of such party for the uses and purposes mentioned in the instrument.

DATED: _____.

Notary Seal

_____
(Signature of Notary)

_____
(Legibly Print or Stamp Name of Notary)
Notary Public in and for the State of
_____
My appointment expires: _____

Cell Site No.: WI6443
Cell Site Name: City of De Pere WT
Fixed Asset No.: 10083186
Market: IL / WI
Address: 1501 Merrill Street, De Pere, WI 54115

LANDLORD ACKNOWLEDGMENT

STATE OF _____)
) SS.
COUNTY OF _____)

I certify that I know or have satisfactory evidence that _____ is the person who appeared before me, and said person acknowledged that said person signed this instrument, on oath stated that said person was authorized to execute the instrument and acknowledged it as the _____ of the **City of De Pere, a Wisconsin municipal corporation**, to be the free and voluntary act of such party for the uses and purposes mentioned in the instrument.

DATED: _____.

Notary Seal

_____
(Signature of Notary)

_____
(Legibly Print or Stamp Name of Notary)
Notary Public in and for the State of
_____
My appointment expires: _____

Cell Site No.: WI6443
Cell Site Name: City of De Pere WT
Fixed Asset No.: 10083186
Market: IL / WI
Address: 1501 Merrill Street, De Pere, WI 54115

TENANT ACKNOWLEDGMENT

STATE OF _____)
) SS.
COUNTY OF _____)

I certify that I know or have satisfactory evidence that _____ is the person who appeared before me, and said person acknowledged that he/she signed this instrument, on oath stated that he/she was authorized to execute the instrument and acknowledged it as the _____ of AT&T Mobility Corporation, the Manager of **New Cingular Wireless PCS, LLC**, **a Delaware limited liability company**, to be the free and voluntary act of such party for the uses and purposes mentioned in the instrument.

DATED: _____.

Notary Seal

_____
(Signature of Notary)

_____
(Legibly Print or Stamp Name of Notary)
Notary Public in and for the State of
_____
My appointment expires: _____

Cell Site No.: WI6443
Cell Site Name: City of De Pere WT
Fixed Asset No.: 10083186
Market: IL / WI
Address: 1501 Merrill Street, De Pere, WI 54115

Exhibit 1 to Memorandum of Lease

Legal Description

Street Address: 1501 Merrill Street, De Pere, WI 54115

Parcel ID #: ED-1436-3

That certain Premises (and access and utility easements) on a portion of the real property described as follows:

LEASE PARCEL

A part of Lot 4 and Lot 12 of Williamson Subdivision of Private Claims No. 33 and 34, East side of Fox River, City of DePere, Brown County, Wisconsin containing 272 square feet (0.006 acres) of land and being described as.

Commencing at the Junction of the northerly extension of the Easterly line of vacated South Webster Avenue in Quinnette Plat with the Northerly line of Merrill Street; thence S65° - 00' – 34"E, 87.99' (Recorded as 88.1 feet); along the Northerly line of Merrill Street; thence N24° - 59' – 26"E 80.00 feet; thence S65° - 00' – 34"E 28.42 feet to the point of beginning; thence continuing S65° - 00' – 34"E 17.00 feet; thence S24° - 59' – 26"W 16.00 feet; thence N65° - 00' – 34"W 17.00 feet; thence N24° - 59' – 26"E 16.00 feet to the point of beginning. Together with a 12 foot wide Utility and Ingress/Egress Easement being 6 feet either side of and parallel to a line described as:

Commencing at the junction of the Northerly extension of the Easterly line of vacated South Webster Avenue in Quinnette Plat with the Northerly line of Merrill Street, thence S65° - 00' – 34E 181.76 feet along the Northerly line of Merrill Street to the point of beginning; thence N03° - 28' – 36"E 54.82 feet; thence N65° – 00 – 34"W 34.25 feet; thence N24° - 59' – 26"E 13.00 feet to the Southerly line of afore described LEASE PARCEL and the point of termination.

8 FOOT WIDE UTILITY EASEMENT

An 8 foot wide Utility Easement being a part of Lot 4 and Lot 12 of Williamson Subdivision of Private Claims No. 33 and 34, East side of Fox River, City of DePere, Brown Couty, Wisconsin containing 633 square feet (0.015 acres) of land and being 4 feet either side of and parallel to the following described line.

Docun

Commencing at the junction of the Northerly extension of the Easterly line of vacated South Webster Avenue in Quinnette Plat with the Northerly line of Merrill Street; thence S65° - 00' – 34"E 87.99 feet (Recorded as 88.1 feet); along the Northerly line of Merrill Street; thence N24° - 59' – 26"E 80.00 feet; thence S65° - 00' – 34"E 28.42 feet; thence S24° - 59' – 26"W 15.00 feet; thence S65° - 00' – 34"E 11.00 feet to the point of beginning; thence S24° - 59' – 26"W 13.00 feet; thence S65° - 00' – 34"EW 34.25 feet; thence S82° - 37' – 47"E 15.82 feet; thence S65° - 00' – 34E 16.00 feet to the point of termination.

Telecorp Realty, LLC
N922 Tower View Drive
Suite 100
Greenville, WI 54942

Document

Title

MEMORANDUM OF LEASE

Premises I.D.: ED-1436-3
Premises Location: 1501 Merrill
De Pere, WI 54115

THIS SPACE RESERVED FOR RECORDING DATA

NAME AND RETURN ADDRESS

Tax Key No.:

This Memorandum of Lease is entered into effective as of March 12, 2002 by and between the City of De Pere (the "Lessor"), and TELECORP REALTY, L.L.C., a Delaware limited liability company ("Lessee"). Lessor and Lessee hereby acknowledge and confirm that they have entered into a certain Tower Lease Agreement dated June 4, 2001 ("Lease") affecting certain real estate and improvements thereon, if any, located at the above-described location and legally described on Exhibit A attached hereto and incorporated herein by this reference and certain access and utility easements appurtenant thereto ("Premises"). Some of the terms of the Lease are as follows:

1. The initial term of the Lease is for a period of Ten (10) years commencing on June 4, 2001. The Term of the Lease shall automatically renew for Three (3) additional successive and consecutive periods of Five (5) years each ("Renewal Terms"), subject to termination by Lessee in accordance with the terms of the Lease.

2. The Lease contains various provisions for the benefit of Lessee relating to interference with the operation of its equipment and restrictions on use of the real estate and improvements thereon, if any, for other communications devices.

3. Although this Memorandum of Lease does not include all of the terms and provisions of the Lease, constructive knowledge of all such terms and provisions is provided hereby and any person or entity interested in the real estate and improvements, if any, shall be deemed to have actual knowledge thereof and the duty to inquire regarding the specific terms and provisions of the Lease. Nothing contained herein shall be deemed to amend or modify the Lease in any way whatsoever and, in the event of any inconsistency between the terms of the Lease and this Memorandum of Lease, the terms and provisions of the Lease shall supersede and control.

MIL193

4. This Memorandum of Lease may be executed by the parties hereto on any number of separate counterparts, and all such counterparts so executed constitute one agreement binding on all the parties hereto notwithstanding that all the parties hereto are not signatories to the same counterpart.

IN WITNESS WHEREOF, Lessor and Lessee have executed this Memorandum of Lease effective as of the date first above written.

LESSEE:

TELECORP REALTY, L.L.C.
By: TeleCorp Communications, Inc.
Its: Managing Member

By: _____
Print Name: Thomas H. Sullivan
Title: President

LESSOR:

CITY OF DE PERE
By: Michael J. Walsh, Mayor

By: Michael J. Walsh
Print Name: Michael J. Walsh
Title: Mayor

David G. Minten

By: David G. Minten
Print Name: David G. Minten
Title: Clerk-Treasurer

STATE OF WISCONSIN)
) ss.
COUNTY OF **Brown**)

I, the undersigned, a Notary Public in and for said County, in the State aforesaid, DO HEREBY CERTIFY that Michael Walsh & David Minten, personally known to me to be the Mayor & Clerk-Treasurer of the City of De Pere, a Municipal corporation, and personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that as such —, (s)he signed and delivered said instrument as — of said corporation, pursuant to authority given by the Board of Directors of said corporation as his/her free and voluntary act, and as the free and voluntary act and deed of said corporation, for the uses and purposes therein set forth.

Given under my hand and official seal, this 12th day of March, 2002.

Lara J Thomas
Notary Public

My commission is permanent/expires: 9/1/02

COMMONWEALTH OF VIRGINIA)
) ss.

COUNTY OF Arlington)

On this 14th day of January, 2003, before me appeared Thomas H. Sullivan to me personally known, who, being by me duly sworn, did say that he is the President of TeleCorp Realty, L.L.C., a Delaware limited liability company, and that said instrument was signed in behalf of said limited liability company, and said — acknowledged said instrument to be the free act and deed of said limited liability company.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my official seal in the County and State aforesaid, the day and year first above written.

Notary Public

My term is permanent/expires: 3/31/03

This document was drafted by:

Dave Sommer

EXHIBIT A

The Premises

LEASE PARCEL

A part of Lot 4 and Lot 12 of Williamson Subdivision of Private Claims No. 33 and 34, East side of Fox River, City of DePere, Brown County, Wisconsin containing 272 square feet (0.006 acres) of land and being described as:

Commencing at the junction of the Northerly extension of the Easterly line of vacated South Webster Avenue in Quinnette Plat with the Northerly line of Merrill Street; thence S65°-00'-34"E 87.99 feet (Recorded as 88.1 feet); along the Northerly line of Merrill Street; thence N24°-59'-26"E 80.00 feet; thence S65°-00'-34"E 28.42 feet to the point of beginning; thence continuing S65°-00'-34"E 17.00 feet; thence S24°-59'-26"W 16.00 feet; thence N65°-00'-34"W 17.00 feet; thence N24°-59'-26"E 16.00 feet to the point of beginning. Together with a 12 foot wide Utility and Ingress/Egress Easement being 6 feet either side of and parallel to a line described as:
Commencing at the junction of the Northerly extension of the Easterly line of vacated South Webster Avenue in Quinnette Plat with the Northerly line of Merrill Street; thence S65°-00'-34"E 181.76 feet along the Northerly line of Merrill Street to the point of beginning; thence N0J°-28'-36"E 54.82 feet; thence N65°-00'-34"W 34.25 feet; thence N24°-59'-26"E 13.00 feet to the Southerly line of afore described LEASE PARCEL and the point of termination.

8 FOOT WIDE UTILITY EASEMENT

An 8 foot wide Utility Easement being a part of Lot 4 and Lot 12 of Williamson Subdivision of Private Claims No. 33 and 34, East side of Fox River, City of DePere, Brown County, Wisconsin containing 833 square feet (0.015 acres) of land and being 4 feet either side of and parallel to the following described line:

Commencing at the junction of the Northerly extension of the Easterly line of vacated South Webster Avenue in Quinnette Plat with the Northerly line of Merrill Street; thence S65°-00'-34"E 87.99 feet (Recorded as 88.1 feet); along the Northerly line of Merrill Street; thence N24°-59'-26"E 80.00 feet; thence S65°-00'-34"E 28.42 feet; thence S24°-59'-26"W 16.00 feet; thence S65°-00'-34"E 11.00 feet to the point of beginning; thence S24°-59'-26"W 13.00 feet; thence S65°-00'-34"EW 34.25 feet; thence S82°-37'-47"E 15.82 feet; thence S65°-00'-34"E 16.00 feet to the point of termination.

MIL143A

TOWER LEASE AGREEMENT

This Tower Lease Agreement ("Lease") is entered into this 4th day of June, 2001 by and between the City of De Pere, a Wisconsin municipal corporation ("Landlord") and TeleCorp Realty, L.L.C, a Delaware Limited Liability Company ("Tenant").

In consideration of the terms and covenants of this Agreement and for other good and valuable consideration, the parties agree as follows:

1. Leased Premises. Subject to the terms and conditions of this Lease, Landlord leases to Tenant and Tenant leases from Landlord certain portions of real property owned by Landlord located in the City of De Pere, Wisconsin, and described in Exhibit A attached hereto to install up to a maximum of nine (9) antennas on the water tower located on such property. The property which is the subject of this Agreement is subject to all existing easements, covenants, conditions, and restrictions of record, if any. This Lease includes certain space on Landlord's water tower located on the subject property.

2. Term. The initial term of this Lease shall be ten (10) years commencing upon after the last date of execution shown on this document. Thereafter, Tenant shall have the right to renew this lease for up to three (3) successive five (5) year renewal terms. Should Tenant choose not to renew this Lease, Tenant shall provide Landlord with written notice of nonrenewal at least sixty (60) days prior to the expiration of the current term. Tenant shall begin installation on the tower within one hundred twenty (120) days of entering into this lease. If Tenant has failed to install its equipment on the site described in this Lease within twelve (12) months of the signature of the Mayor on this Lease, even though all rent payments have been made, Landlord may choose to terminate this Lease. If termination is chosen, Landlord will inform Tenant in writing.

3. Extensions and Renewals. This Lease may be extended upon mutual agreement by both parties.

4. Rent.

(a) Rent shall be paid in equal quarterly installment, on the same day of the year as the Commencement Date, each year, in advance, to the City of De Pere or to such other person, form, or place as Landlord may, from time to time, designate in writing at least thirty (30) days in advance of any rental payment due. The annual rent shall be seventeen thousand four hundred dollars ($17,400). On each anniversary of the Commencement Date, the annual rent shall be increased by an amount equal to the previous year's rent times the greater of the following: (1) four percent (4%); or (2) by an amount equal to the percentage increase in the CPI (Consumer Price Index as hereinafter defined) computed by comparing the CPI for the Base Month of the immediate preceding year. If the anniversary date of the Commencement Date occurs prior to the issuance of the CPI for the relevant month, then the increase provided herein shall be calculated promptly after the relevant anniversary of the Commencement Date occurs. The "CPI" means the Consumer Price Index for All Urban Consumers, U.S. City Average, All Items, Issued by the Bureau of Labor Statistics of the United States Department of Labor (1982-1984=100). If the CPI is converted to a different standard reference base or otherwise revised or replaced, the adjustment set forth in this paragraph shall be made with the use of the conversion formula published by the Bureau of Labor Statistics.

(b) Unless otherwise provided for in this Agreement, if this Lease is terminated at a time other than on the last day of the year, rent shall be prorated as of the date of

termination, and in the event of termination for any reason other than nonpayment of rent, all prepaid rents shall be refunded to Tenant.

(c) A landscape plan for the site shall be approved by Landlord prior to the Commencement Date of this Lease. A copy of this approved landscaping plan shall be attached hereto and incorporated herein as Exhibit B. Tenant, at its expense, shall install and maintain its landscape according to the approved landscaping plan. Tenant agrees to make the site improvements described on Exhibit B within the first six months of the Lease.

(d) All consideration to be provided by Tenant to Landlord shall be paid or provided to Landlord without offset. Landlord shall not be required to make any expenditure of any kind in connection with this Lease or make any repairs or improvements to the leased premises except as otherwise provided in this Lease. The rent hereunder is reserved on an absolute net basis. Tenant shall pay all taxes, assessments, insurance premiums, maintenance charges and any other charges, costs and expenses against the leased premises contemplated under any provision of this Lease which are incurred solely by reason of Tenant's improvements. Landlord shall provide to Tenant proof of such increase upon demand of Tenant.

5. Use/Compliance with Laws.

(a) Tenant may use the leased premises for the installation, operation and maintenance of facilities for the transmission and reception of radio communication signals in such frequencies as may be assigned to TeleCorp, PCS, Inc. by the Federal Communications Commission ("FCC") as managed and operated by Tenant, as amended from time to time and for the operation of related equipment in accordance with the provisions of this Lease and for no other purpose. Tenant shall use the leased premises in compliance with all federal, state, and local laws and regulations including, without limitation: all FCC and Federal Aviation Administration rules, in relation to any of its business activities or other operations conducted upon, above, or adjacent to the premises; the American National Standards Institute's ("ANSI") Safety Levels with respect to Human Exposure to Radio Frequency Electromagnetic Fields as set forth in the current ANSI standard or any FCC standard which supersedes these standards. If, for any reason, Tenant's use of the leased premises fails to comply with any federal, state or local law and Tenant fails to bring its use within compliance within thirty (30) days of written notice of such noncompliance, this Lease shall be terminated as provided herein, unless sooner authorized by such law. Landlord agrees to reasonably cooperate with Tenant in obtaining, at Tenant's expense, all Federal Government and/or State of Wisconsin licenses and permits required for Tenant's use of the leased premises. Tenant shall pay, as they become due and payable, all fees, charges, taxes, and expenses required for licenses and permits required for Tenant's use of the leased premises.

(b) If during the term of this Lease there is a determination made pursuant to an official unappealable order of the Federal Communications Commission that use of the site by Tenant poses a human health hazard which cannot be remediated, Tenant will immediately ceases all operations at the leased premises and this lease shall terminate as of the date of such order.

6. Installation of Improvements. Access. Utilities.

(a) Tenant shall have the nonexclusive right, at its sole cost and expense, to install certain improvements on the leased portions of the tower described in Exhibit A attached hereto, which improvements include communication transmitting and receiving antennas (the "Antenna Facilities") and structures to store Tenant's equipment. Prior to commencing

construction, Tenant shall submit plans and specifications for all improvements to Landlord for Landlord's written approval. Such plans and specifications as approved by Landlord shall be attached as Exhibit C. All such improvements shall be constructed in accordance with Landlord's specifications and according to a site plan approved by Landlord. Tenant's installation of all such equipment, personal property, and facilities shall be done according to the plans approved by Landlord and no equipment or property shall be subsequently relocated on the property without Landlord's approval, which approval shall not be unreasonably withheld, delayed, or conditioned.

(i) Prior to commencing construction, Tenant shall also provide Landlord with the name of the contractor that will be constructing the improvements. The contractor is subject to the prior written approval of Landlord, within five (5) working days of Notice to Landlord, which shall not, unless Tenant fails to provide the Indemnification and Hold Harmless Agreements as required by paragraph 20, below, be unreasonably withheld. All improvements shall be constructed in a professional manner and shall be completed in compliance with all applicable laws, rules, ordinances and regulations.

(ii) Any damage done to the property or tower described in Exhibit A due to the Tenant's actions during installation or during operations shall be immediately repaired at Tenant's expense and returned to prior condition to Landlord's satisfaction. Tenant shall not permit any claim or lien to be placed against any part of the leased premises that arises out of work, labor, material or supplies provided or supplied to Tenant, its contractors or subcontractors, for the construction, installation, operation, maintenance or use of the leased premises or its Antenna Facilities, equipment, or personal property.

(b) Tenant may update or replace the Antenna Facilities from time to time with the prior written approval of Landlord, within five (5) working days of Notice to Landlord, provided that the replacement facilities are not greater in number or size than the existing facilities and provided that their location on the leased portion of the tower is satisfactory to Landlord. Tenant shall submit to Landlord a proposal for any such replacement facilities and for any supplemental materials as may be reasonably requested by Landlord's evaluation and approval, which approval shall not be unreasonably withheld or delayed. All costs for required structural studies will be paid by Tenant.

(c) Tenant shall have the nonexclusive right, at its sole cost and expense, to operate and maintain on the leased portion of the property described in Exhibit A attached hereto, the improvements described in Exhibit C and installed pursuant to Paragraph 6(a) of this Lease. The Antenna Facilities, structures, and all equipment stored or operated therein for the benefit of Tenant shall remain the exclusive property of Tenant, subject to the provisions of Paragraph 9(c) of this Lease. No equipment shall be stored on the property outside of the structures and all appropriate permits must be obtained prior to construction and use of the structures.

(d) At all times during this Lease, Landlord hereby grants to Tenant a nonexclusive easement for ingress, egress and access over the property which gives Tenant access to the structures and to the base of the tower at no additional charge to Tenant. The location of such easement shall be depicted on Exhibit A. Landlord expressly reserves the right to locate such nonexclusive easement at any time at Landlord's cost to any location on Landlord's property deemed appropriate by Landlord, provided that Landlord provides uninterrupted access to the premises during the period of relocation and such relocated easement provides Tenant with reasonable access to the leased premises of similar or better quality as the original access.

(e) Tenant, at all time during this lease, shall have access to the property in order to install, operate, and maintain its transmission facilities. Tenant shall have standard access to the tower only during regular water utility working hours (Monday-Friday, 7 a.m.-3 p.m.) with the approval of Landlord and in the presence of an employee of Landlord. Tenant shall request access to the tower 24 hours in advance and Landlords approval thereof shall not be unreasonably withheld or delayed. Tenant shall have access to the property at other times only for emergency purposes. Landlord will respond on two hours notice from Tenant of the emergency. Landlord will provide Tenant with the pager number for a responsive agent of Landlord for such purposes. If Landlord needs to notify Tenant of an emergency need to access Tenants facilities, Tenant will respond on 2 hours notice from Landlord. Tenant shall provide Landlord with the pager number for a responsive agent of Tenant. Tenant and Landlord will use all reasonable efforts to provide emergency response. Access will not be unreasonably withheld or delayed. Tenant will pay Landlord for all emergency labor overtime costs incurred in providing emergency response to Tenants request. Such emergency labor overtime costs shall not exceed said labor costs under the City's bargaining contract with its Water Utility workers, said cost to be adjusted annually per the labor contract.

(f) Tenant shall separately meter changes for the consumption of electricity and any other utilities associated with use of the leased premises and shall pay all costs associated therewith. All utilities will be buried unless they conflict with existing underground utilities.

(g) Tenant, at its expense, shall provide Landlord with as-built planning and engineering drawings of the equipment installed on the tower and improvements installed on the property which show the actual location of all equipment and improvements. These drawings need not include any proprietary information. Such drawings shall be accompanied by complete and detailed inventory of all equipment, personal property and Antenna Facilities actually placed on the tower. A site plan will be provided showing the proposed placement of the structures. In the event Tenant makes any modifications as provided in paragraph 6(b), above, Tenant shall provide Landlord with updated as-built planning and engineering drawings as specified in this paragraph.

(h) Tenant shall have sole responsibility for the maintenance, repair, and security of its equipment, personal property, Antenna Facilities, structures, and leasehold improvements, and shall keep the same in good repair and condition during the Lease term.

(i) Tenant will adhere to all OSHA safety requirements.

(j) There will be no advertising on the site or on any structure on the site.

(k) All antenna panels will be painted to match the water tower.

(l) Any additional costs for servicing or maintaining the tower that are due to the presence or the installation of Tenant's antennas, structures, or any other equipment, will be the responsibility of Tenant. Tenant shall remove graffiti on Tenant's antennas, structures, or any of its other equipment within fifteen (15) days of written notice from Landlord. Should Tenant fail to remove such graffiti within that fifteen (15) day period, Landlord may remove the graffiti at Tenant's expense.

(m) Tenant's rights under this Lease are nonexclusive, and Landlord reserves the right to make space available on the Tower for lease by other personal communications services or cellular providers ("Other Providers"). Landlord also reserve the right to permit the

Other Providers the right to use and construct such ancillary buildings or facilities on the leased premises as may be reasonably necessary in connection with the communications operations of the Other Providers, provided they do not interfere with Tenant's operations.

(n) Tenant shall design, place, and improve all of its Antenna Facilities, structures, and personal property in a manner that will keep negative aesthetic impact held to a minimum practical level. Landlord reserves the right to require that Tenant shield Antenna Facilities and/or structures from view and take such other reasonable and appropriate action(s) as Landlord from time to time determines necessary or convenient to minimize aesthetic impact.

(o) Landlord reserves the right to determine when the Tower subject to this Lease shall be repainted, repaired or replaced. Landlord shall notify Tenant at least ninety (90) days in advance of the date when the Tower to which Tenant's Antenna Facilities are attached (the "Tower") is scheduled to be painted, repaired, or replaced. Landlord shall decide, after consulting with Tenant, which of the following two options shall be used. Option 1: Shortly before the date at which the Tower is to be removed for painting, repair or replacement; Tenant, at its sole expense, shall place a temporary antenna array on a crane parked near the site on the subject property. Tenant shall then remove the antennas from the Tower and the painting/repair/replacement shall proceed as it normally does. Once the painting/repair/replacement is completed, Tenant, at is sole expense, shall then reattach the antennas where they were. The antennas shall then be painted by Landlord at Tenant's expense to match the newly painted Tower. Option 2: Landlord may temporarily relocate the Antenna Facilities to another Tower owned and operated by Landlord until the painting/repairs/replacement is completed. Once the painting/repair/replacement is completed, Tenant, at its sole expense, shall then reattach the antennas where they were. The antennas shall the be painted by Landlord at Tenant's expense to match the newly painted Tower.

7. Reasonable Approval. Both parties shall not unreasonably withhold, delay, or condition approvals required under this Lease.

8. Interference.

(a) Tenant's installation, operation, and use of its transmission facilities under this Lease shall not damage or interfere in any way with Landlord's water tower operations or related repair and maintenance activities. Landlord, at all times during this Lease, reserves the right to take any action it deems necessary in its sole discretion, to repair, maintain, alter, or improve the leased premises and to temporarily interfere with Tenant's personal property, equipment, Antenna Facilities, or structures as may be necessary in order to carry out any of such activities. Landlord agrees to give reasonable advance notice of at least thirty (30) days unless necessitated by emergency of such activities to Tenant and to reasonably cooperate with Tenant to carry out such activities with a minimum amount of interference with Tenant's transmission operations.

(b) Landlord shall not guarantee to Tenant and make no warranties or representations regarding Tenant's exclusive use of the Premises or non-interference with Tenant's transmission operations or that the subject property or utilities serving it, if any, are fit for Tenant's intended use; and all such warranties and representatives are hereby disclaimed. Notwithstanding the above, and subject to paragraph 6(m), above, in the event any other party requests permission to place any type of additional antenna or transmission facility on the tower or the property after Tenant, this paragraph will govern the determination of whether such antenna or transmission facility will interfere with Tenant's transmission operations. If Landlord

receives any such request, it shall submit the proposal to Tenant for review for non-interference. Tenant shall have thirty (30) days following receipt of said proposal to make any objections thereto and failure to make any objection within said 30 day period shall be deemed consent by Tenant to the installation of antennas or transmission facilities pursuant to said proposal. Any dispute between Landlord and Tenant regarding the proposed additional installation and its potential for interference with Tenant's transmission operation shall be resolved by submitting the issue for decision to an independent third party mutually agreed upon by Landlord and Tenant, whose decision regarding interference shall be binding on both parties hereto and whose expense shall be borne equally by both parties. If the independent third party's decision does not eliminate potential interference with Tenant's transmission operation, Tenant shall have the option to terminate this Lease, without penalty, and all obligations of Tenant to Landlord hereunder shall be null and void.

(c) In the event Tenant's transmission operations interfere with any type of radio or television reception or transmission of pre-existing parties in the transmission area, Tenant agrees to use reasonable best efforts to remedy such interference in accordance with applicable regulations and standards of the FCC and any other governing body. Tenant warrants that it shall maintain all of its Antenna Facilities in full compliance with all applicable regulations of the FCC and other governing bodies. Tenant will be responsible for correcting any intermod problems with pre-existing users of the property should they occur due to the equipment installed and operated by Tenant.

(d) Landlord represents that it shall require any future Lease Agreements of the subject property to contain substantially similar interference language as contained herein.

9. Termination.

(a) Except as otherwise provided herein, this Lease may be terminated by one party upon 30 days written notice to the other party as follows:

(i) by either party upon a default of any covenant or term hereof by the other party, which default is not cured within 20 days of receipt of written notice of default to the other party;

(ii) by Tenant if it is unable to obtain or maintain any license, permit, or other governmental approval necessary for the construction and/or operation of the transmission facilities or Tenant's business;

(iii) by Tenant if the leased property is or becomes unacceptable under Tenant's design or engineering specifications for its Antenna Facilities or the communication systems to which the Antenna Facilities belong;

(iv) by Landlord if it determines in its sole discretion that the tower is structurally unsound for use as a water tower, including, but not limited to, consideration of age of the structure, damage or destruction of all or part of the tower or the property from any source or factors relating to condition of the property; or

(v) by Landlord it Tenant's use of the property becomes illegal under any federal, state, or local law, rule, or regulation.

(vi) If, during the term of this Lease, Landlord determines that the leased premises are needed by Landlord, which cannot be suitably located elsewhere and which would exclude Tenant's Antenna Facilities and all other similar uses by any party other than Landlord itself, Landlord may require Tenant to relocate the Antenna Facilities and related structures and equipment to another location on the subject property or to other property owned or controlled by Landlord that is located in the general vicinity of the premises and reasonably suitable for Tenant's Antenna Facilities as reasonably determined by Tenant, which new location shall then constitute the subject property, leased premises, and the improvements subject to this Lease. Landlord shall be responsible for relocating Tenant's existing antenna facilities to the new site.

(vii) by Landlord, as provided in paragraphs 17 and 18 of this Agreement.

(b) If the Tower subject to this Lease is destroyed, dismantled or removed, and a replacement Tower is reconstructed anywhere on the subject property, Tenant shall have the right to place Tenant's Antenna Facilities on the new replacement Tower at Tenant's costs and in a similar manner as Tenant's Antenna Facilities on the existing Tower.

(c) Upon termination of this Lease for any reason, Tenant shall remove its equipment, personal property, Antenna Facilities, structures, and leasehold improvements from the Tower and the property within thirty (30) days after the date of termination and shall restore the Tower and the Property to the condition they were in on the commencement date of the term of this Lease, reasonable wear and tear excepted, all at Tenant's sole cost and expense. Landlord shall also give Nortel Networks, Inc. a copy of said notice of lease termination. Tenant, and/or Nortel Networks, Inc., may request, in writing, an additional thirty (30) days to vacate the premises. Such permission shall not be unreasonably withheld by Landlord. Any personal property, equipment, or other improvements which are not removed by either Tenant or Nortel Networks, Inc. by the end of the lease term shall either be removed by Landlord at Tenant's expense or shall become the property of Landlord, at Landlord's option, subject to any valid and existing purchase money security interests in and to such assets of Tenant.

10. Insurance.

(a) General. At all times during the term of this Agreement, Tenant shall keep in force and effect all insurance policies as outlined below, issued by a company or companies licensed to do business in the State of Wisconsin and which companies have a "A-" or better rating in Best's Guide. Such approval shall not be unreasonably withheld, conditioned, or delayed. All contractors and all of their subcontractors who perform work on the property shall carry, in full force and effect, worker's compensation, commercial general liability and automobile liability insurance coverages of the type that Tenant is required to obtain under this paragraph with the same limits. Upon the execution of this Agreement and prior to each insurance policy expiration date during the term of this Agreement, Tenant will furnish Landlord with a Certificate of Insurance. The Certificate shall reference this Agreement and Worker's Compensation and property insurance waivers of suborgation required by this Agreement. Landlord will be given thirty (30) days advance notice of cancellation or nonrenewal of insurance during the term of this Agreement. Landlord, its City Council, and any other of its boards, commissions, agencies, officers, employees, and representatives (collectively, "Additional Insured Parties") shall be named as Additional Insured Parties under all of the policies except worker's compensation policies, which shall be so stated in the Certificate of Insurance and such insurance shall be primary. All policies, other than worker's compensation, shall be written on an

occurrence and not on a claims basis. Tenant shall defend, indemnify, and hold harmless Landlord and Additional Insured Parties from and against payment of any deductible and payment of any premium on any policy required under this paragraph.

(b) Worker's Compensation and Employer's Liability Insurance. Statutory worker's compensation benefits and employer's liability insurance with a limit of liability no less than $100,000 each incident. Tenant shall require subcontractors and others not protected under its insurance to obtain and maintain such insurance.

(c) Commercial General Liability Insurance. Policy will be written to provide coverage, for but not limited to, the following: premises and operations, products and completed operations, personal injury, blanket contractual coverage, broad from property damages, independent contractor's coverage, and coverage for property damage from perils of explosion, collapse or damage to underground utilities (commonly know as XCU coverage). Limits of liability not less than $1,000,000 general aggregate, $1,00,000 products/completed operations aggregate, $1,000,000 personal injury, $1,000,00 each occurrence. Coverage shall not exclude claims or suits that arise from the effects of electromagnetic fields or radiation. To the extent such coverage cannot be obtained through commercial general liability insurance, Tenant shall obtain equivalent insurance to insure the property against environmental hazards.

(d) Automobile Liability Insurance. Business automobile policy covering all owned and hired private passenger autos and commercial vehicles. Limits of liability not less than $300,000 per each occurrence ($1,000,000) aggregate.

(e) Umbrella Liability Insurance. Coverage to be in excess of employer's liability, commercial general liability, and automobile liability insurance required above. Limits of liability not less than $4,000,000 each occurrence, $4,000,000 aggregate.

The aforesaid limits of liability may be increased or decreased by mutual consent of the parties, which consent will not be unreasonably withheld by either party, in the event of any factors or occurrences, including substantial increases in the level of jury verdicts or judgements or the passage of state, federal, or other governmental compensation plans or laws which would materially increase or decrease Landlord's or Tenant's exposure to risk.

(f) Worker's Compensation Waiver of Subrogation. Landlord shall not be liable to Tenant, Tenant's contractors or their subcontractors, for any injuries to Tenant's employees or those of its contractors of their subcontractors arising out of, or in connection with, the grant of this Agreement, including any and all work of any type performed upon the premises or property, including injuries arising during equipment installation, alteration, modification, improvement, maintenance, repair, replacement, or use, or ingress or egress to or from the property unless caused by the willful acts, bad faith, or the negligence of Landlord, its agents or employees.

Tenant and Tenant's contractors and their subcontractors shall each waive any and all right of recovery from Landlord for worker's compensation claims made by their respective employees and shall obtain such waiver from their worker's compensation insurer. Tenant, for itself and its contractors and their subcontractors, agrees that the indemnification and hold harmless provisions within this Agreement extend to any such claims brought by or on behalf of any employee or Tenant, any contractor of Tenant, or their subcontractors.

(g) Property Insurance. Each party will be responsible for maintaining property insurance in its own buildings and other improvements, including all equipment, fixtures, utility structures, fencing, or support systems that may be built or placed upon the site fully protect against hazards of fire, vandalism and malicious mischief, and such other perils as are covered by policies of insurance commonly referred to and known as "extended coverage" insurance or self-insure against such exposures with a bona fide and adequately funded self-insurance plan. Notwithstanding any provision of this Agreement to the contrary, Tenant and Landlord hereby release each other from, and waive all rights against each other for, any loss or damage to the property caused by fire or other peril commonly covered by an "extended coverage" insurance policy, even of such loss or damage is caused by the fault or negligence of the other party or anyone for which such party is responsible. Tenant and Landlord agree that to the extent any such policy of insurance provides a right of subrogation in the insurer, each will obtain from its insurance carrier a waiver of subrogation for the matters here described in any such policy of insurance. The policies will provide such waivers of subrogation by endorsement or otherwise.

11. Damage or Destruction of Property. If the property, tower, or Antenna Facilities are destroyed or damaged so as, in Tenant's judgement, to render the site unusable as an antenna facility, Tenant may elect to terminate this Lease upon 30 days written notice to Landlord. In the event Tenant elects to terminate the Lease, Tenant shall be entitled to reimbursement of rent paid for the period that the property was unusable.

12. Indemnification. Tenant shall defend, indemnify and hold harmless Landlord and all associated, affiliated, allied and subsidiary entities of Landlord, whether existing now or in the future, and their respective officials, departments, agencies, counties, boards, representatives, employees, agents, contractors and attorneys (collectively "Indemnified Parties") against any and all liability, claims, costs, damages, expenses, demands, lawsuits or disputes (including reasonable attorney fees of counsel selected by Landlord and all other costs and expenses of litigation) except to the extent caused by or attributed to the negligence or intentional and willful acts of Landlord, it agents, employees, contractors or servants, arising in any way from (i) any condition, occurrence, or accident upon the property which causes injury or illness to any person or persons whomsoever or to any property whatsoever arising in any way from the installation, presence, operation, maintenance, or removal of the communications facilities; (ii) work, labor, material, or supplies provided or supplied to Tenant, its contractors or subcontractors, for the installation, construction, operation, maintenance or use of the premises or communications facilities, including any claim or lien arising therefrom; (iii) Tenant's breach of any warranty, representation, obligation, or other provision of this Lease; and (iv) any financing or securities offering by Tenant or its affiliates for violations of common law or any laws, statutes, or regulations of the State of Wisconsin or United States, including those of the Federal Securities and Exchange Commission, whether by Tenant or otherwise. This indemnification language specifically includes, among other things, any and all liability related to, or associated with, exposure to electromagnetic fields or radio frequencies.

13. Notices. All notices, requests, demands, and other communications hereunder shall be in writing and shall be deemed given if personally delivered or mailed, certified mail, return receipt requested, to the following addresses:

If to Landlord: City of De Pere
City Administrator
335 South Broadway
De Pere, Wisconsin 54115
Phone #: (414) 339-4044

If to Tenant: TeleCorp Realty, L.L.C.
1010 N. Glebe Road, Suite 800
Arlington, VA 22201
Attention: General Counsel

14. Representations and Warranties.

(a) Landlord warrants that (i) it has full right, power, and authority to execute this Lease; and (ii) it has good and unencumbered title to the property free and clear of any liens or mortgages, except as may be disclosed by review of title. Landlord warrants that Tenant shall have the quiet enjoyment of the property during the term of this Lease in accordance with its terms.

(b) Tenant represents and warrants that its use of the subject property will not generate any hazardous substances, that it will not unlawfully store or dispose on the leased premises or unlawfully transport to or over the subject property any hazardous substances, and that its Antenna Facilities, structures, and equipment do not constitute or unlawfully contain and will not generate any hazardous substance.

(c) Landlord represents that it has no knowledge of any toxic or hazardous substances or chemicals in excess of naturally occurring concentrations on the site that are identified as hazardous or toxic in any applicable federal, state, or local law or regulation.

(d) "Hazardous substance" shall be interpreted to mean any substance or material designated or defined as hazardous or toxic waste, hazardous or toxic material, hazardous or toxic or radioactive substance, or other similar term by any federal, state, or local laws, regulations or rules now or hereafter in effect, including any amendments. Tenant shall defend, indemnify, and hold harmless Indemnified Parties from and against any and all liability, loss, cost, damage, and expense, including reasonable attorney fees arising out of the release, threatened release, storage or discovery of any such hazardous wastes or hazardous substances on, under or adjacent to the subject property as a result of activities of Tenant.

(e) Each party hereby agrees to defend, indemnify, and hold harmless the other party and its respective officials, departments, agencies, boards, representatives, officers, directors, owners, employees, agents, contractors, attorneys, successors and assigns from and against any and all liability, loss, cost, damages, and expense, including reasonable attorney fees which may arise in the event of breakage, leakage, incineration, or other disaster occurring on the Landlord's or any adjacent property which is caused by the indemnifying party, or any release of any hazardous waste or substance from materials owned or operated by Tenant.

(f) Tenant, at its own cost, has the right to obtain an environmental analysis, engineering study and a title commitment for a leasehold title policy from a title insurance company of its choice. If, in the opinion of Tenant, such environmental analysis, engineering study or title commitment shows any defects of title or any liens or encumbrances which may adversely affect Tenant's use of the property or such environmental analysis or engineering study is deemed unsatisfactory in Tenant's reasonable discretion, Tenant shall have the right to cancel this Lease immediately upon written notice to Landlord.

15. Assignability. Tenant may not assign or sublet this Lease without the prior written consent of Landlord except to any entity which controls, is controlled by, or is under the common control with Tenant, or to any entity resulting from any merger or consolidation with Tenant, or to any partner of Tenant, or to any partnership in which Tenant is a general partner, or to any person or entity which acquires all of the assets of Tenant as a going concern, or to any entity which obtains a security interest in a substantial portion of Tenant's assets.

16. Taxes: No Liens. Tenant shall pay, and responsible for, any and all personal and real estate taxes and assessments, general and special, levied and assessed against, or with respect to, or measured by, the leased premises and the communications facilities. If any sales, use, income, or other tax is ever assessed or levied against the Lease fee, charges payable by Tenant under this Lease or that otherwise relates in any way to this Lease, Tenant shall pay that tax upon demand by Landlord. Tenant shall not do anything which might cause or result in, and shall not permit the filing of, a lien against any part of the property, whether filed against Landlord or Tenant.

17. Default. Tenant shall be deemed in default hereunder upon occurrence of any of the following events: (a) Tenant defaults in the payment of the Lease fee or any other sums to Landlord when due and does not cure that default within fifteen (15) days of receipt of written notice of default; (b) Tenant default in the performance of any other term of this Lease or any other agreement between Tenant and Landlord and does not cure that default within thirty (30) days after written notice thereof by landlord, provided that such period shall be extended as reasonably necessary in the event that Tenant is proceeding in good faith with due diligence to cure such default but is unable to do so within thirty (30) days; (c) Tenant abandons or vacates the property, excepting those provisions contained herein; (d) Tenant files for relief under federal bankruptcy laws or makes any assignment for the benefit of creditors; or (e) Tenant becomes insolvent.

18. Remedies on Default. Subject to paragraph 17 above, in the event of any default by Tenant, Landlord may, in addition to any other remedy it may have under law, serve a written notice upon Tenant that Landlord elects to terminate this Lease upon a specified date not less than ten (10) calendar days after the date of service of such notice, and this Lease shall expire on the date so specified as if that date had been originally fixed as the expiration date of the term granted herein. In the event this Lease is so terminated, Tenant shall immediately pay Landlord a sum of money equal to the total of (a) the unpaid consideration accrued through the date of termination plus one months rent; (b) all consideration reserved for the balance of the current two (2) year term of this Lease (as if the term had not expired as a result of termination); and (c) all other amounts reasonably necessary and documented to compensate Landlord for damages caused by Tenant's failure to perform reasonable attorney's fees and costs incurred as a result of such default.

19. Survival of Provisions. All indemnification obligations of Tenant under this Lease shall survive the expiration of earlier termination of this Lease.

20. Assumption of Risk. Tenant undertakes and assumes for its officers, agents, affiliates, and employees (collectively "Tenant" for the purpose of this paragraph) all risk of dangerous conditions, if any, on or about the property. Tenant shall provide Landlord Indemnification and Hold Harmless Agreements signed by Tenant and all contractors and subcontractors, which substantially conform with paragraph 12 (ii) herein, which shall indemnify and save harmless Landlord for all claims/injuries as provided therein.

21. Successors and Assigns. This Lease shall run with the property described in Exhibit A. This Lease shall be binding upon and inure to the benefit of the parties, their respective successors, personal representatives, and assigns.

22. Miscellaneous.

(a) Each party agrees to furnish the other, within ten (10) days after request, such truthful estoppel information as the other may reasonably request.

(b) This Lease constitutes the entire agreement and understanding of the parties, and supersedes all offers, negotiations, and other agreements of any kind. There are no representations or understandings of any kind not set forth herein. Any modification or amendment to this Lease must be in writing and executed by both parties.

(c) This Lease shall be construed in accordance with the laws of the State of Wisconsin.

(d) If any term of this Lease is found to be void or invalid, such invalidity shall not affect the remaining terms of this Lease, which shall continue in full force and effect.

(e) Upon Landlord's request, Tenant shall provide Landlord with copies of all petitions, applications, reports and communications submitted by Tenant to the FCC, Securities and Exchange Commission or any other federal or state regulatory commission or agency having jurisdiction in respect to any matter affecting this Lease or Tenant's operation of its Antenna Facilities.

(f) Nothing contained in this Lease shall limit or interfere with, or be construed to limit or interfere with, any of Landlord's regulatory powers, including, Landlord's authority to enforce its municipal ordinances, include its zoning code.

(g) No provision of this Lease is intended to be, or shall be construed as, a waiver for any purpose by Landlord of the provisions of Section 893.80 of the Wisconsin Statutes or other applicable limits on municipal liability. No indemnification provision contained in this Lease shall be construed to in any way limit any other indemnification provision contained in this Lease.

23. Attorney Fees. Tenant covenants and agrees to pay and discharge all reasonable costs, attorney fees, and expenses which shall be made and incurred by Landlord in the negotiation and preparation of this Lease, which fees (including costs and expenses) shall not exceed actual expenses of $1,000. The parties understand that payment of this amount by Tenant under this paragraph shall be in satisfaction of any obligations to pay attorney fees and expenses under any of the agreements or conditions named in this paragraph. This Lease shall not become effective until such fees and costs are paid.

24. Title/Lien Waiver.

Title to Tenant's communication equipment, antenna, cabling and lines and all other property of Tenant ("Tenant's Equipment") shall be held by Tenant. Tenant's Equipment shall remain Tenant's personal property and are not fixtures. Tenant has the right to remove all Tenant's Equipment at its sole expense before or within thirty (30) days subsequent to the expiration or earlier termination of the Agreement; provided, however, that Tenant is not in default of the Agreement and Tenant repairs any damage to the Leased Premises caused by such removal.

Notwithstanding any language to the contrary contained herein, Lessor does hereby waive any security interest or lien, inclusive of landlord's lien, whether arising under contract, common law, statute or otherwise in and to Tenant's Equipment and other improvements and personal property of Tenant located in, on or about the Tower, Leased Premises or real property.

END OF TERMS

THE UNDERSIGNED LESSOR HEREBY AGREES TO LEASE THE ABOVE MENTIONED PROPERTY ON THE TERMS AND CONDITIONS SET FORTH HEREIN.

CITY OF DE PERE, LESSOR

Michael J. Walsh

Michael J. Walsh, Mayor

David G. Minten

David G. Minten, Clerk-Treasurer

Personally came before me this 4th day of June, 2000, the above mentioned Michael J. Walsh and David G. Minten to me known to be the persons who executed the foregoing instrument and acknowledge the same.

Sara J Thomas

Notary Public, Brown County, Wisconsin

My Commission expires 9/1/2002

(is permanent)

TELECORP REALTY, L.L.C.

By: Telecorp Communications, Inc

Its: Managing Member

By: Gerald T. Vento

Name: Gerald T. Vento

Title: CEO

Personally came before me this 21 day of May, 2000, the above mentioned Gerald L. Vento to me known to be the person who executed the foregoing instrument and acknowledge the same.

Amy Murray
Notary Public, Arlington County, ~~Wisconsin~~ Virginia
My Commission expires 6-30-2002
(is permanent)

EXHIBIT A

The Premises

LEASE PARCEL

A part of Lot 4 and Lot 12 of Williamson Subdivision of Private Claims No. 33 and 34, East side of Fox River, City of DePere, Brown County, Wisconsin containing 272 square feet (0.006 acres) of land and being described as:

Commencing at the junction of the Northerly extension of the Easterly line of vacated South Webster Avenue in Quinnette Plat with the Northerly line of Merrill Street; thence S65°-00'-34"E 87.99 feet (Recorded as 88.1 feet); along the Northerly line of Merrill Street; thence N24°-59'-26"E 80.00 feet; thence S65°-00'-34"E 28.42 feet to the point of beginning; thence continuing S65°-00'-34"E 17.00 feet; thence S24°-59'-26"W 16.00 feet; thence N65°-00'-34"W 17.00 feet; thence N24°-59'-26"E 16.00 feet to the point of beginning. Together with a 12 foot wide Utility and Ingress/Egress Easement being 6 feet either side of and parallel to a line described as:
Commencing at the junction of the Northerly extension of the Easterly line of vacated South Webster Avenue in Quinnette Plat with the Northerly line of Merrill Street; thence S65°-00'-34"E 181.76 feet along the Northerly line of Merrill Street to the point of beginning; thence N03°-28'-36"E 54.82 feet; thence N65°-00'-34"W 34.25 feet; thence N24°-59'-26"E 13.00 feet to the Southerly line of afore described LEASE PARCEL and the point of termination.

8 FOOT WIDE UTILITY EASEMENT

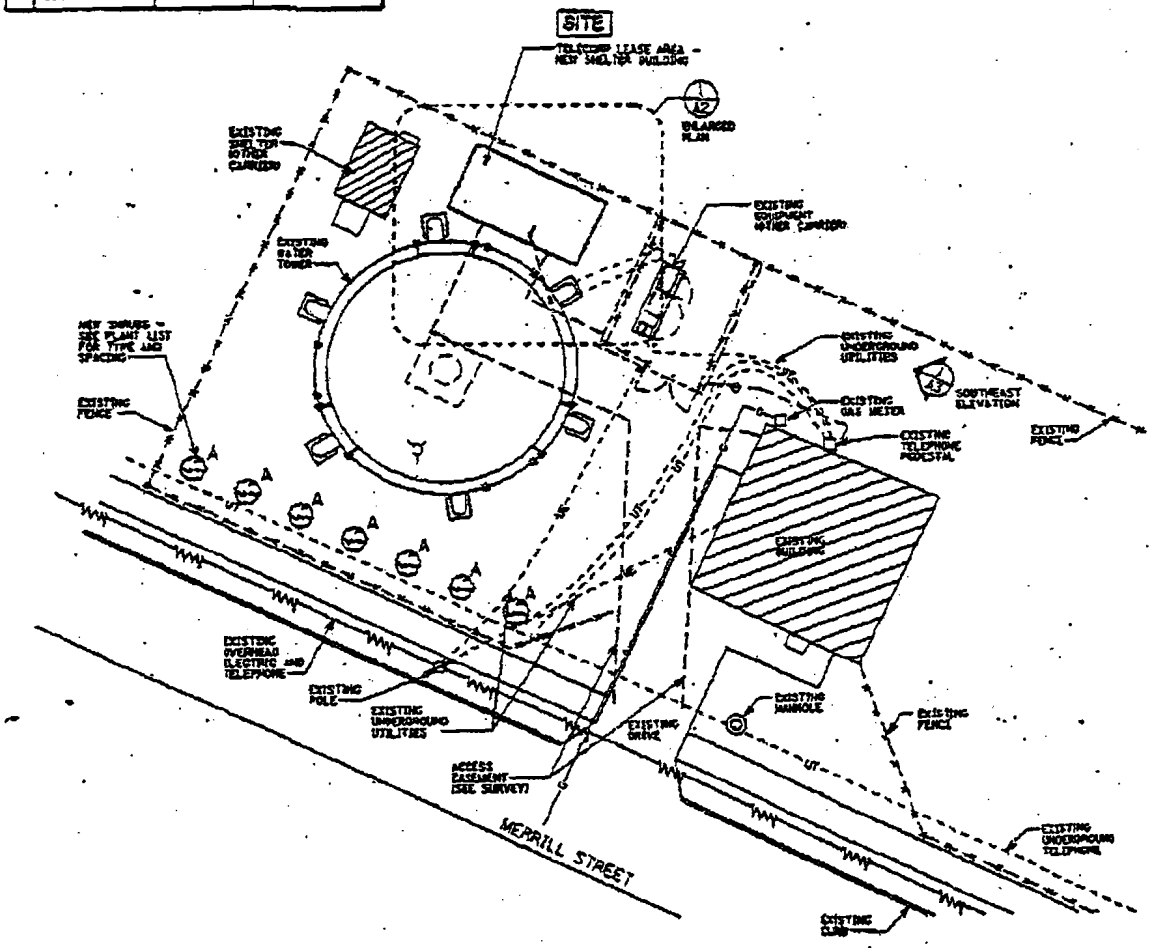
An 8 foot wide Utility Easement being a part of Lot 4 and Lot 12 of Williamson Subdivision of Private Claims No. 33 and 34, East side of Fox River, City of DePere, Brown County, Wisconsin containing 633 square feet (0.015 acres) of land and being 4 feet either side of and parallel to the following described line:

Commencing at the junction of the Northerly extension of the Easterly line of vacated South Webster Avenue in Quinnette Plat with the Northerly line of Merrill Street; thence S65°-00'-34"E 87.99 feet (Recorded as 88.1 feet); along the Northerly line of Merrill Street; thence N24°-59'-26"E 80.00 feet; thence S65°-00'-34"E 28.42 feet; thence S24°-59'-26"W 16.00 feet; thence S65°-00'-34"E 11.00 feet to the point of beginning; thence S24°-59'-26"W 13.00 feet; thence S65°-00'-34"EW 34.25 feet; thence S82°-37'-47"E 15.82 feet; thence S65°-00'-34"E 16.00 feet to the point of termination.

EXHIBIT B

Landscape Plan

PLANT LIST			
	BOTANICAL NAME	COMMON NAME	DESCRIPTION
A	THUJA OCCIDENTALIS	AMERICAN ARBORVITAE	3' TO 4' TALL 10'± O.C.



SITE LEGEND

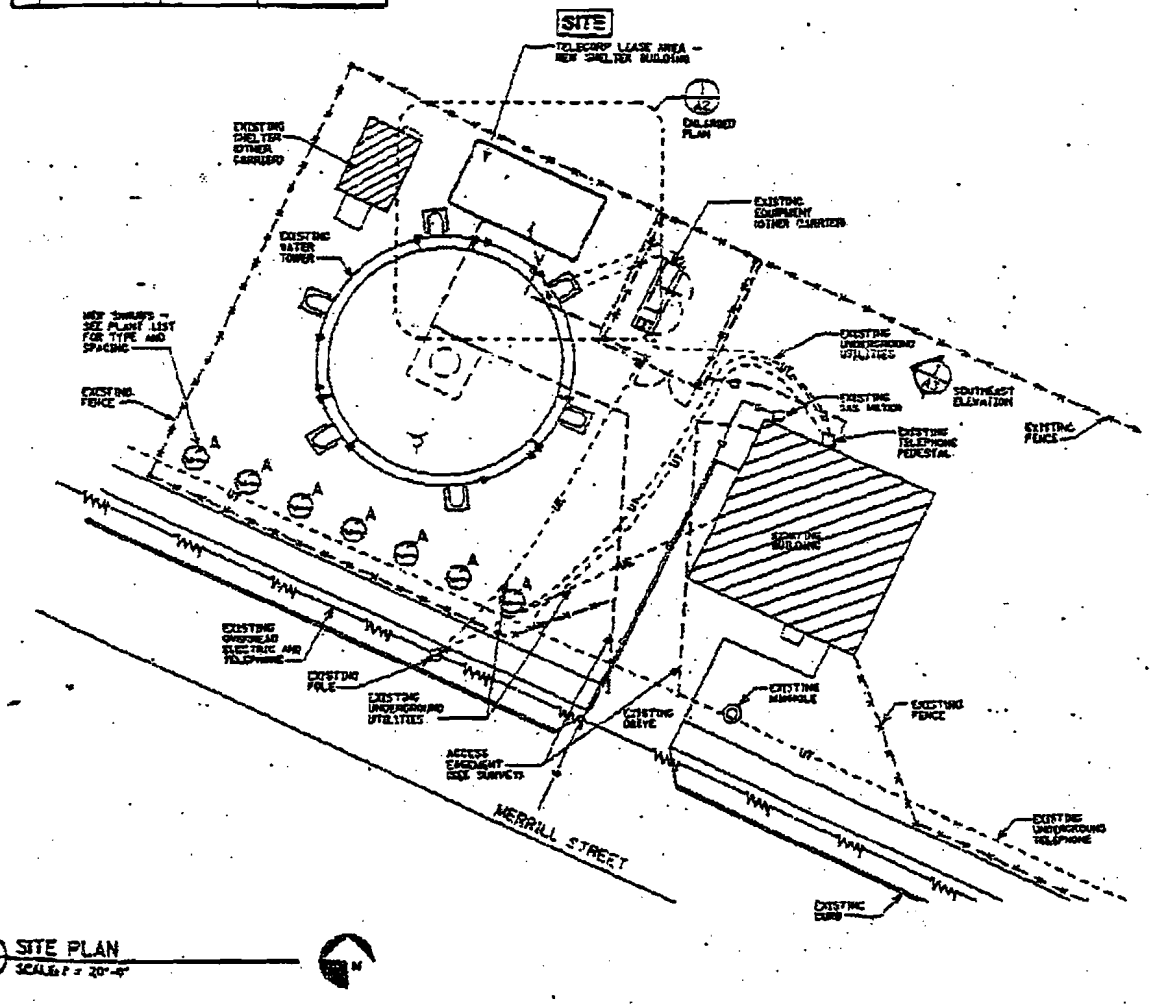
EXISTING	PROPOSED
SAS	SANITARY SEWER
STD	STORM SEWER
W	WATER MAIN
	RIGHT OF WAY (R/W)
	SURFACE MARKING
	LIGHT STANDARD
	STREET LIGHT
512.75	SPOT ELEVATION
	CONTOUR
G	GAS MAIN
	PETROLEUM
	MANHOLE
	CATCH BASIN
	VAULT
	VALVE IN VAULT
	FIRE HYDRANT
	GARDNER LINE
	FENCE
UE/UT	UNDER GROUND UTILITY
	UTILITY POLE
	OVERHEAD UTILITY LINE
	BUILDING
	PROPERTY LINE

1 SITE PLAN
SCALE: 1" = 20'-0"

EXHIBIT C

Site Plan

PLANT LIST			
	BOTANICAL NAME	COMMON NAME	DESCRIPTION
A	THUJA OCCIDENTALIS	AMERICAN ARBORVITAE	3' TO 4' TALL 10'± O.C.



SITE LEGEND	
(E) EXISTING	PROPOSED
SANITARY SEWER	SAS
STORM SEWER	STS
WATER MAIN	W
RIGHT OF WAY (R/W)	
DRAINAGE DIRECTION	
LIGHT STANDARD	
STREET LIGHT	
SPOT ELEVATION	XXX.XX
CONTOUR	
GAS MAIN	G
PETROLEUM	P
MANHOLE	
CATCH BASIN	
INLET	
VALVE IN BOX	
FIRE HYDRANT	
EASEMENT LINE	
FENCE	
UNDER UTILITY	
UTILITY POLE	
OVERHEAD UTILITY LINE	
BUILDING	
PROPERTY LINE	

1 SITE PLAN
SCALE: 1" = 20'-0"

City of De Pere, Wisconsin

Request For Board of Public Works Action

MEETING DATE:	**March 8, 2021**
DEPARTMENT:	**Public Works**
FROM:	**Scott Thoresen**
SUBJECT:	**Consideration and possible action on Definitely De Pere's Request for Replacing Downtown Light Pole Banners Utilizing Excess Stadium Tax Funds***

Definitely De Pere is requesting the City consider utilizing $10,000 of the remaining streetscape funds from the Excess Stadium Tax for replacing the downtown light pole banners (See attached proposal).

Staff recommends approving the request.

ATTACHMENTS:

- Light Pole Banner Proposal 3-3-2021 (PDF)

Downtown Light Pole Banner Proposal

Submitted by: Definitely De Pere

Streetscape Project History

In February of 2017, the Common Council approved $150,000 of Excess Stadium Tax funds to be allocated to Definitely De Pere for streetscape improvements downtown De Pere. To date the following projects have been approved or are pending:

Urban Scale Planters - $48,550
Artistic Benches - $30,000 (May 2021 installation)
Sculpture Walk Program (2019) - $31,640
Sculpture Walk Program (2021)- $25,000 (request pending)

Total Funds Allocated - **$135,190**
Funds Remaining - **$14,810**

Request Summary

Definitely De Pere is requesting funds to replace the summer light pole banners that were acquired in 2015. We are making this request because the old banners have begun to fade and they do not include the new City logo. We would like to replace them with an updated design that incorporates the new City of De Pere branding. We believe that consistency and cohesiveness in how we brand our community is important. The light pole banners are downtown's billboard and help create awareness while adding vibrancy to the streetscape.

Project Cost

The total cost for replacing the winter banners in 2018 was $7,420. We are requesting an allocation of up to $10,000 to design and fabricate the new winter banners incorporating the City of De Pere brand.

Design Process and Timeline

Definitely De Pere will solicit quotes and work with City Staff on design selection and fabrication details. The goal will be to replace the winter banners by May 1, or as soon as possible.

Funding and Payment Process

Excess Stadium Tax revenue will fund this project in an amount not to exceed $10,000. Payments are proposed to be made directly by Definitely De Pere. Definitely De Pere will submit invoices and supporting material to the Director of Public Works for review and administrative approval.

City of De Pere, Wisconsin

Request For Board of Public Works Action

MEETING DATE:	**March 8, 2021**
DEPARTMENT:	**Public Works**
FROM:	**Scott Thoresen**
SUBJECT:	**Consideration and possible action on Definitely De Pere's Request for Sculpture Walk Project Utilizing Excess Stadium Tax Funds***

Definitely De Pere is requesting the City consider utilizing $25,000 of the remaining streetscape funds from the Excess Stadium Tax for another seasonal display of public art.(See attached proposal) The intent would be to feature a public art display of fourteen (14) sculptures temporarily installed on both the east and west side of downtown. The art displays would be exhibited for six (6) months.

Staff recommends approving the request.

ATTACHMENTS:

- Sculpture Walk Project Proposal 2021 (PDF)

Sculpture Walk Project Proposal

Submitted by: Definitely De Pere

Streetscape Project History

In February of 2017, the Common Council approved $150,000 of Excess Stadium Tax funds to be allocated to Definitely De Pere for streetscape improvements downtown De Pere. To date the following projects have been approved:

Urban Scale Planters - $48,550.
Artistic Benches - $30,000 (May 2021 installation)
Sculpture Walk Program (2019) - $31,640

Total Funds Allocated - **$110,190**
Funds Remaining - **$39,810**

Sculpture Walk History

The Sculpture Walk Project, a seasonal display of public art, was implemented in 2019. In its inaugural year, 10 sculptures were on display June – October. A People's Choice award resulted in the purchase of the 'tree' sculpture titled *The Transformation of Daphne*, valued at $25,000. An anonymous private donor purchased and gifted the 'fish' sculpture titled *Papermouth*, valued at $8,000. The program investment of $31,640 resulted in adding 2 permanent sculptures to the City's public art collection valued at $33,000.

Sculpture Walk Project Additional Funding Request

Definitely De Pere would like to request additional funding to support this program again in 2021. The purpose of the Sculpture Walk project is to integrate art to enliven the streetscape. The project will feature a seasonal public art display of 14 original outdoor sculptures temporarily installed on the east and west side of downtown. The work will be welded to existing concrete pads and will be exhibited for 6 months. Definitely De Pere will work with the Department of Public Works to identify locations suitable for display in the public right away. Sculptures will be safe and able to withstand all weather conditions, extreme temperatures, and the interaction of the public. The work will remain the property of the artist and is on loan for the duration for the exhibit.

Project Costs

The total cost for funding the Sculpture Walk is estimated to be $25,000. Of this, up to $15,000 will be allocated to the People's Choice purchase award. The winning sculpture would be purchased and permanently installed downtown De Pere at a location to be determined. A $500-$750 stipend will be paid to each of the 14 artists for use of their work and to cover costs of transportation, installation and removal of the work.

Funding and Payment Process

Excess Stadium Tax revenue will fund this project in an amount not to exceed $25,000. Payments are proposed to be made directly to Definitely De Pere. Definitely De Pere will submit invoices and supporting material to the Director of Public Works for review and administrative approval.

Application and Review Process

Definitely De Pere will issue an RFP to artists. Submissions will be reviewed by the Public Art Committee based on specific criteria including artistic merit, creativity, public safety, durability in an outdoor setting, and public viewing suitability.

Timeline

Definitely De Pere will issue the RFF by March 20. The submission deadline will be April 15. Installation will occur by May 31.

City of De Pere, Wisconsin

Request For Board of Public Works Action

MEETING DATE:	**March 8, 2021**
DEPARTMENT:	**Board of Public Works**
FROM:	**Eric Rakers**
SUBJECT:	**Consideration and possible action on Preliminary Resolution for Special Assessments for Storm Sewer Main and/or Laterals**

ATTACHMENTS:

- 2021 0308 CI_BOPW_Storm_Lateral_Preliminary_Assessment (PDF)
- BPW Resolution 21-1 (PDF)
- Schedules_Exhibits (PDF)

CITY OF DE PERE
MEMO

To: Honorable Mayor Boyd
Members of the Board of Public Works
From: Eric P. Rakers, P.E., City Engineer
Date: March 8, 2021

RE: **Consideration and Possible Action on Preliminary Resolution for Special Assessments for Storm Sewer Main and/or Laterals**

The purpose for this item is to approve a preliminary resolution for special assessments for storm sewer main and/or storm lateral construction associated with street resurfacing and reconstruction in 2021.

Background

The City is performing the following construction in 2021 that includes the installation of new storm sewer main and/or storm laterals:

- N. Winnebago Street from Fulton Street to Ridgeway Boulevard
- N. Erie Street from George Street to Ridgeway Boulevard
- James Street from N. Erie Street to N. Huron Street

Storm sewer lateral installation on N. Erie Street and James Street conforms to the City Municipal Code Section 26-5-5(b) which states:

> *"(1) Installation. Storm sewer main and lateral installation to each lot of record shall be constructed at the time of street reconstruction in those streets which do not have storm sewer. The location of the lateral installation shall be as determined by the City Engineer or designee."*

The City has had drainage issues in the areas of N. Winnebago Street over the last few years. Because of this, storm sewer laterals are being installed to properties within these blocks. The installation of storm laterals conforms to the City Municipal Code Section 26-5-5(c) which states:

> *"(1) Installation. Storm sewer main and lateral installation to each lot of record shall be constructed at during street resurfacing improvements when:*
> *a. Requested by a property owner along the street to be resurfaced; or*
> *b. When ordered by the Director of Public Works to address drainage issues.*
> *The location of the lateral installation shall be as determined by the City Engineer or designee."*

Assessments for these services were calculated per City Municipal Code Section 13-7. As calculated per Municipal Code Section 13-7 and approved by the Board of Public Works, the costs for the 2021 storm sewer special assessments are as follows:

- Residential Properties
  - Storm Lateral Assessment - $1,739.52
  - Storm Main Assessment - $498.10
- Non-Residential Properties
  - Storm Main Assessment - $8.72
  - 6-inch Storm Lateral Assessment - $2,002.20
  - 8-inch Storm Lateral Assessment - $3,240.52
  - 12-inch Storm Lateral Assessment - $3,701.26

The locations impacted by storm sewer assessments include:

- N. Winnebago Street from Fulton Street to Ridgeway Boulevard
- N. Erie Street from George Street to Ridgeway Boulevard
- James Street from N. Erie Street to N. Huron Street

Property owners have been notified several times of this project including:

- January 25, 2021: Letters sent notifying property owners of storm sewer assessments and public information meeting.
- February 2, 2021: Public information meeting notifying property owners of storm sewer assessments.
- March 1, 2021: Letter sent notifying property owners of preliminary assessment amount and invitation to Board of Public Works meetings on March 8, 2021 and April 12, 2021.
- March 2, 2021: Letter sent notifying property owners of preliminary assessment amount and invitation to Board of Public Works meetings on March 8, 2021 and April 12, 2021.

Code Section 13-7(d)(1)(d) further identifies procedures and pay options for the storm sewer and special assessments as follows:

"d. Public hearing. The board shall hold a public hearing on the assessments and after the hearing may by resolution approve, disapprove, modify or refer the report with such directions as it deems necessary. The board shall provide for the following payment alternatives if it determines to assess for any of the improvements:

i. No interest imputed if payment of assessment made in full within 30 days of invoice;

ii. Payment in such number of yearly installments as deemed reasonable by the board, together with interest thereon at the rate of one percent over the interest rate paid by the city on its latest bonding issue, with payment in full due upon transfer of the property;

iii. Deferred payment of assessment with interest to accrue at the rate of one percent over the interest rate paid by the city on its last bond issue, with the total becoming due on the earliest of the following:

A. Transfer of the benefited property to any other person or entity:

B. Subdivision of the benefited property;

C. Connection to the storm sewer;

D. The expiration of 25 years from the date of adoption of the final assessment resolution, at which time the assessment plus accrued interest shall be made in full against the benefited property.

iv. Interest on alternatives ii. and iii. Above shall stop accruing after a period of ten years."

Note under item ii. the Board of Public Works can establish a number of yearly establishments for payback. Also, under iii., property owners are not required to pay until they connect to the storm lateral, sell or subdivide the property, or 25 years, whichever occurs first.

Recommendation

Staff recommends that the Board of Public Works adopt the preliminary resolution and schedule a public hearing at the Board of Public Works on April 12, 2021. The Board of Public Works can establish a number of yearly establishments for payback. In the past, the Board established a 5-year payback period.

Attachments

Schedule B (PDF)
Schedule C (PDF)
Schedule D (PDF)
BPW Resolution 21-1 (PDF)
N. Winnebago Street Assessment Map (PDF)
N. Erie Street & James Street Assessment Map (PDF)

RESOLUTION #21-1

PRELIMINARY RESOLUTION DECLARING INTENTION TO EXERCISE
SPECIAL ASSESSMENT POWERS UNDER SECTION 13-7 DE PERE MUNICIPAL CODE and
Wis. Stats. §66.0703
STORM SEWER MAIN AND/OR LATERALS ON
N. WINNEBAGO STREET FROM FULTON STREET TO RIDGEWAY BOULEVARD,
N. ERIE STREET FROM GEORGE STREET TO RIDGEWAY BOULEVARD, AND
JAMES STREET FROM N. ERIE STREET TO N. HURON STREET

BE IT HEREBY RESOLVED, by the Board of Public Works of the City of De Pere, Wisconsin, as follows:

1. That the Board of Public Works hereby declares its intention to exercise its police powers and levy special assessments pursuant to Section 13-7, De Pere Municipal Code and Wis. Stats. §66.0703, for improvements constructed within the area described below and special assessments to be levied on a reasonable basis upon the properties benefited thereby. Said improvements to include storm sewer main and/or laterals. Said improvements shall be constructed and the properties benefiting there from are contained in the following described areas or abutting streets:

STORM SEWER MAIN AND/OR LATERALS

Both Sides of N. Winnebago Street from Fulton Street to Ridgeway Boulevard
Both Sides of N. Erie Street from George Street to Ridgeway Boulevard
Both Sides of James Street from N. Erie Street to N. Huron Street

2. The total assessed against such districts shall not exceed the total cost of the improvements. The Board of Public Works determines that such improvements shall be installed and assessed therefore levied under the police power and that the amount assessed against each benefited parcel shall be based on each unit for Storm Sewer and/or Laterals.

3. The assessments against any parcel shall be paid as follows:

(a) No interest imputed if payment of assessment made in full within 30 days of invoice;

(b) Payment shall be in five (5) yearly installments once the assessment

is due, together with interest on the unpaid balance thereon at the rate of one percent over the interest rate paid by the city on its latest bonding issue, with payment in full due upon transfer of the property;

(c) Deferred payment of assessment with interest to accrue at the rate of one percent over the interest rate paid by city on its last bond issue, with the total becoming due on the earliest of the following:

i. Transfer of the benefited property to any other person or entity;

ii. Subdivision of the benefited property;

iii. Connection to the storm sewer;

iv. The expiration of 25 years from the date of the adoption of the final assessment resolution, at which time the assessment plus accrued interest shall be made in full against the benefited property.

(d) Interest on alternatives (b) and (c) above shall stop accruing after a period of ten years

4. The Director of Public Works is directed to prepare a report incorporating the recommendation of the Board of Public Works consisting of:

(a) Preliminary plans and specifications for said improvements;

(b) An estimate of the entire cost of the proposed improvements;

(c) A schedule of the proposed assessments;

(d) A statement that the property against which the assessments are proposed is benefited.

After compiling such report, the Director of Public Works is directed to file a copy thereof in the Municipal Service Center office (925 S. Sixth Street) for public inspection by appointment or on the City of De Pere website.

5. Upon receiving the report of the Board of Public Works, the Clerk-Treasurer is directed to give a Class I notice of public hearing on such report as specified in Section 66.60, Wis. Stats. The hearing shall be held in the Common Council

Chambers of the City Hall at a time set by the Clerk-Treasurer in accordance with the aforementioned statutory provision.

Adopted by the Board of Public Works of the City of De Pere, Wisconsin, this _____day of _____, 2021.

APPROVED:

_____
James Boyd, Mayor and Chair of the Board of Public Works

Ayes: ____ Nays: ____

SCHEDULE B

EXISTING DEVELOPMENT RESIDENTIAL

UP TO TWO UNITS PER BUILDING

Schedule B
Storm Sewer Cost Evaluation - Residential
Summary Based on 2018-2020 Asphalt Reconstruction and Resurfacing Projects.
City of De Pere
Date: 1/15/2021

Mainline Cost

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
18-01	ST-03	Provide 12" PVC or RCP (Class III) Storm Sewer	LF	1,248.0	$50.00	$62,400.00	
18-01	ST-06	Remove and Relay 12" PVC or RCP (Class III) Storm Sewer (Granular Backfill)	LF	59.3	$51.00	$3,024.30	
18-02	ST-06	Provide 12" PVC or RCP Class III Storm Sewer	LF	936.0	$52.76	$49,383.36	
18-11	ST-04	Remove and Relay 12" PVC or RCP (Class III) Storm Sewer	LF	117.5	$58.00	$6,815.00	
18-11	ST-05	Provide 12" PVC or RCP (Class III) Storm Sewer (Natural Backfill)	LF	86.0	$48.00	$4,128.00	
18-11	ST-06	Provide 12" PVC or RCP (Class III) Storm Sewer (Granular Backfill)	LF	24.0	$58.00	$1,392.00	
19-01	ST-02	Provide 12" PVC or RCP (Class III) Storm Sewer	LF	342.7	$51.00	$17,477.70	
19-01	ST-03	Remove and Relay 12" PVC, RCP (Class III), or PP Storm Sewer	LF	120.6	$53.00	$6,391.80	
19-18	ST-01	Remove and Replace 12" PVC or RCP (Class III) Storm Sewer	LF	207.0	$78.00	$16,146.00	
20-01A	ST-04	Remove and Relay 12" PVC or RCP Class III Storm Sewer	LF	150.0	$68.00	$10,200.00	
20-01B	ST-05	Remove and Relay 12" PVC or RCP (Class III) Storm Sewer	LF	321.0	$100.00	$32,100.00	
20-01B	ST-06	Provide 12" PVC or RCP (Class III) Storm Sewer	LF	190.0	$66.00	$12,540.00	
20-02	ST-04	Provide 12" PVC or RCP Class III Storm Sewer	LF	111.5	$110.00	$12,265.00	
20-06	ST-01	Provide 12" PVC or RCP (Class III) Storm Sewer	LF	60.0	$83.00	$4,980.00	
20-07	ST-02	Remove and Relay 12-inch PVC or RCP (Class III) Storm Sewer	LF	185.5	$72.36	$13,422.78	
20-07	ST-03	Provide 12-inch PVC or RCP (Class III) Storm Sewer	LF	127.0	$72.36	$9,189.72	
Total				4286.1		$261,855.66	
Average Cost Per Foot						**$61.09**	

Schedule B
Storm Sewer Cost Evaluation - Residential
Summary Based on 2018-2020 Asphalt Reconstruction and Resurfacing Projects.
City of De Pere
Date: 1/15/2021

Lateral Cost

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
18-01	ST-08	Provide 6" Storm Sewer Lateral	LF	1,049.0	$34.00	$35,666.00	
18-02	ST-09	Provide 6" PVC Storm Sewer Lateral	LF	529.0	$33.10	$17,509.90	
18-07	ST-01	Provide 6" PVC Storm Sewer Lateral	LF	108.0	$35.00	$3,780.00	
18-11	ST-07	Provide 6" PVC Storm Sewer Lateral	LF	3.0	$51.00	$153.00	
19-01	ST-05	Provide 6" PVC Storm Sewer Lateral	LF	2,139.3	$44.00	$94,129.20	
20-01A	ST-06	Provide 6" PVC Storm Sewer	LF	616.3	$50.00	$30,815.00	
20-01B	ST-10	Provide 6" PVC Storm Sewer Lateral	LF	2,141.0	$48.00	$102,768.00	
20-01B	ST-11	Remove and Relay 6" PVC Storm Sewer Lateral	LF	11.0	$48.00	$528.00	
20-02	ST-07	Provide 6" PVC Storm Sewer Lateral	LF	84.0	$85.00	$7,140.00	
Total				6680.6		$292,489.10	
Average Cost Per Foot						$43.78	
Average Cost per Lot at 30 Feet of Lateral (100% to Resident)						**$1,313.40**	Average length of lateral is based on a 60 foot right of way and several laterals being connected to inlets.

Storm Wye Cost

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
18-01	ST-10	Provide 12"x6" Storm Branch or Inserta Tee	EA	28	$165.00	$4,620.00	
18-02	ST-11	Provide 30"x6" Storm Sewer Branch or Inserta Tee	EA	5	$279.27	$1,396.35	
18-02	ST-12	Provide 24"x6" Storm Sewer Branch or Inserta Tee	EA	5	$306.03	$1,530.15	
18-02	ST-13	Provide 21"x6" Storm Sewer Branch or Inserta Tee	EA	2	$291.89	$583.78	
18-02	ST-14	Provide 18"x6" Storm Sewer Branch or Inserta Tee	EA	2	$291.89	$583.78	
18-02	ST-15	Provide 15"x6" Storm Sewer Branch or Inserta Tee	EA	2	$291.89	$583.78	
18-02	ST-16	Provide 12"x6" Storm Sewer Branch or Inserta Tee	EA	2	$309.06	$618.12	
18-11	ST-08	Provide 12"x6" Storm Branch or Inserta Tee	EA	1	$300.00	$300.00	
19-01	ST-07	Provide 8"x6" Storm Branch or Inserta Tee	EA	58	$80.00	$4,640.00	
20-01A	ST-07	Provide 8" x 6" Storm Branch or Inserta Tee	EA	20	$70.00	$1,400.00	
20-01B	ST-13	Provide 30" x 6" Storm Branch or Inserta Tee	EA	5	$250.00	$1,250.00	
20-01B	ST-14	Provide 24" x 6" Storm Branch or Inserta Tee	EA	13	$200.00	$2,600.00	
20-01B	ST-15	Provide 21" x 6" Storm Branch or Inserta Tee	EA	3	$200.00	$600.00	
20-01B	ST-16	Provide 15" x 6" Storm Branch or Inserta Tee	EA	4	$200.00	$800.00	
20-01B	ST-17	Provide 8" x 6" Storm Branch or Inserta Tee	EA	35	$100.00	$3,500.00	
20-02	ST-08	Provide 29" x 45" x 6" Tee or 6" Inserta Tee	EA	1	$200.00	$200.00	
20-02	ST-09	Provide 24" x 38" x 6" Tee or 6" Inserta Tee	EA	2	$200.00	$400.00	
Total				188		$25,605.96	
Average Cost Per Wye						**$136.20**	

Schedule B
Storm Sewer Cost Evaluation - Residential
Summary Based on 2018-2020 Asphalt Reconstruction and Resurfacing Projects.
City of De Pere
Date: 1/15/2021

Storm Sewer Manhole

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
18-01	ST-13	Provide 4' Diameter Storm Manhole	VF	32.48	$507.00	$16,467.36	
18-01	ST-16	Remove and Replace 4' Diameter Storm Manhole	VF	5.20	$450.00	$2,340.00	
18-02	ST-18	Provide 4' Diameter Storm Manhole	VF	91.23	$401.41	$36,620.63	
18-11	ST-09	Remove and Replace 4' Diameter Storm Manhole	VF	3.80	$435.00	$1,653.00	
18-11	ST-10	Provide 4' Diameter Storm Manhole	VF	11.90	$365.00	$4,343.50	
19-01	ST-08	Provide 4' Diameter Storm Manhole	VF	68.30	$690.00	$47,127.00	
19-01	ST-09	Remove and Replace 4' Diameter Storm Manhole	VF	9.27	$600.00	$5,562.00	
19-18	ST-02	Remove and Replace 4' Diameter Storm Manhole	VF	7.50	$450.00	$3,375.00	
20-01A	ST-12	Provide 4' Diameter Storm Manhole	VF	9.90	$450.00	$4,455.00	
20-01A	ST-13	Remove and Replace 4' Diameter Storm Manhole	VF	3.83	$450.00	$1,723.50	
20-01B	ST-20	Remove and Replace 4' Diameter Storm Manhole	VF	64.86	$415.00	$26,916.90	
20-01B	ST-21	Provide 4' Diameter Storm Manhole	VF	27.44	$415.00	$11,387.60	
20-02	ST-13	Provide 4' Diameter Storm Manhole	VF	4.70	$600.00	$2,820.00	
20-07	ST-04	Remove and Replace 4-foot Diameter Storm Manhole	VF	6.72	$523.62	$3,518.73	
Total				347.13		$168,310.22	
Cost Per Foot						$484.86	
Cost for a 5 foot Deep Manhole						$2,424.30	
Average Per Foot Cost with a 300 Foot Spacing						**$8.08**	

SCHEDULE B

EXISTING DEVELOPMENT OTHER THAN RESIDENTIAL

UP TO TWO UNITS PER BUILDING

Schedule B

2021 Storm Sewer Cost Evaluation - Existing Development Other Than Residential up to Two Units per Building

Summary Based on 2018-2020 Asphalt Reconstruction and Resurfacing Projects.

City of De Pere

Date: 1/15/2021

Mainline Cost

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
18-02	ST-04	Provide 18" PVC , RCP Class III, or PP Storm Sewer	LF	260.0	$52.74	$13,712.40	
19-01	ST-01	Remove and Relay 18" PVC or RCP (Class III) Storm Sewer	LF	25.0	$65.00	$1,625.00	
20-02	ST-03	Provide 18" PVC, RCP Class III, or PP Storm Sewer	LF	38.0	$120.00	$4,560.00	
20-07	ST-01	Remove and Relay 18-inch PVC, RCP (Class III), or PP Storm Sewer	LF	57.0	$81.41	$4,640.37	
Total				380.0		$24,537.77	
Average Cost Per Foot						**$64.57**	

Schedule B

2021 Storm Sewer Cost Evaluation - Existing Development Other Than Residential up to Two Units per Building

Summary Based on 2018-2020 Asphalt Reconstruction and Resurfacing Projects.

City of De Pere

Date: 1/15/2021

Storm Sewer Manhole

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
18-01	ST-13	Provide 4' Diameter Storm Manhole	VF	32.48	$507.00	$16,467.36	
18-01	ST-16	Remove and Replace 4' Diameter Storm Manhole	VF	5.20	$450.00	$2,340.00	
18-02	ST-18	Provide 4' Diameter Storm Manhole	VF	91.23	$401.41	$36,620.63	
18-11	ST-09	Remove and Replace 4' Diameter Storm Manhole	VF	3.80	$435.00	$1,653.00	
18-11	ST-10	Provide 4' Diameter Storm Manhole	VF	11.90	$365.00	$4,343.50	
19-01	ST-08	Provide 4' Diameter Storm Manhole	VF	68.30	$690.00	$47,127.00	
19-01	ST-09	Remove and Replace 4' Diameter Storm Manhole	VF	9.27	$600.00	$5,562.00	
19-18	ST-02	Remove and Replace 4' Diameter Storm Manhole	VF	7.50	$450.00	$3,375.00	
20-01A	ST-12	Provide 4' Diameter Storm Manhole	VF	9.90	$450.00	$4,455.00	
20-01A	ST-13	Remove and Replace 4' Diameter Storm Manhole	VF	3.83	$450.00	$1,723.50	
20-01B	ST-20	Remove and Replace 4' Diameter Storm Manhole	VF	64.86	$415.00	$26,916.90	
20-01B	ST-21	Provide 4' Diameter Storm Manhole	VF	27.44	$415.00	$11,387.60	
20-02	ST-13	Provide 4' Diameter Storm Manhole	VF	4.70	$600.00	$2,820.00	
20-07	ST-04	Remove and Replace 4-foot Diameter Storm Manhole	VF	6.72	$523.62	$3,518.73	
Total				347.13		$168,310.22	
Cost Per Vertical Foot						$484.86	
Cost for a 5 foot Deep Manhole						$2,424.30	
Average Per Foot Cost with a 300 Foot Spacing						**$8.08**	

Schedule B

2021 Storm Sewer Cost Evaluation - Existing Development Other Than Residential up to Two Units per Building

Summary Based on 2018-2020 Asphalt Reconstruction and Resurfacing Projects.

City of De Pere

Date: 1/15/2021

Lateral Cost

Lateral 6"

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
18-01	ST-08	Provide 6" Storm Sewer Lateral	LF	1,049.0	$34.00	$35,666.00	
18-02	ST-09	Provide 6" PVC Storm Sewer Lateral	LF	529.0	$33.10	$17,509.90	
18-07	ST-01	Provide 6" PVC Storm Sewer Lateral	LF	108.0	$35.00	$3,780.00	
18-11	ST-07	Provide 6" PVC Storm Sewer Lateral	LF	3.0	$51.00	$153.00	
19-01	ST-05	Provide 6" PVC Storm Sewer Lateral	LF	2,139.3	$44.00	$94,129.20	
20-01A	ST-06	Provide 6" PVC Storm Sewer	LF	616.3	$50.00	$30,815.00	
20-01B	ST-10	Provide 6" PVC Storm Sewer Lateral	LF	2,141.0	$48.00	$102,768.00	
20-01B	ST-11	Remove and Relay 6" PVC Storm Sewer Lateral	LF	11.0	$48.00	$528.00	
20-02	ST-07	Provide 6" PVC Storm Sewer Lateral	LF	84.0	$85.00	$7,140.00	
Total				6,680.6		$292,489.10	
Average Cost Per Foot						$43.78	
Average Cost per Lot at 35 Feet of Lateral (100% to Owner)						**$1,532.30**	Average length of lateral is based on a 70 foot right of way.

Lateral 8"

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
18-02	ST-07	Provide 8" PVC Storm Sewer	LF	53.0	$36.85	$1,953.05	
18-02	ST-08	Provide 8" PVC Storm Sewer Lateral	LF	48.0	$40.40	$1,939.20	
19-01	ST-04	Provide 8" PVC Storm Sewer	LF	2,455.0	$46.00	$112,930.00	
20-01A	ST-05	Provide 8" PVC Storm Sewer	LF	773.0	$55.00	$42,512.80	
20-01B	ST-08	Provide 8" PVC Storm Sewer	LF	1,757.0	$50.00	$87,850.00	
20-02	ST-05	Provide 8" PVC Storm Sewer	LF	47.0	$135.00	$6,345.00	
20-02	ST-06	Provide 8" PVC Storm Sewer Lateral	LF	68.0	$105.00	$7,140.00	
Total				5,201.0		$260,670.05	
Average Cost Per Foot						$50.12	
Average Cost per Lot at 35 Feet of Lateral (100% to Owner)						**$1,754.20**	Average length of lateral is based on a 70 foot right of way.

Schedule B

2021 Storm Sewer Cost Evaluation - Existing Development Other Than Residential up to Two Units per Building

Summary Based on 2018-2020 Asphalt Reconstruction and Resurfacing Projects.

City of De Pere

Date: 1/15/2021

Lateral Cost

Lateral 12"

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
18-01	ST-03	Provide 12" PVC or RCP (Class III) Storm Sewer	LF	1,248.0	$50.00	$62,400.00	
18-01	ST-06	Remove and Relay 12" PVC or RCP (Class III) Storm Sewer (Granular Backfill)	LF	59.3	$51.00	$3,024.30	
18-02	ST-06	Provide 12" PVC or RCP Class III Storm Sewer	LF	936.0	$52.76	$49,383.36	
18-11	ST-04	Remove and Relay 12" PVC or RCP (Class III) Storm Sewer	LF	117.5	$58.00	$6,815.00	
18-11	ST-05	Provide 12" PVC or RCP (Class III) Storm Sewer (Natural Backfill)	LF	86.0	$48.00	$4,128.00	
18-11	ST-06	Provide 12" PVC or RCP (Class III) Storm Sewer (Granular Backfill)	LF	24.0	$58.00	$1,392.00	
19-01	ST-02	Provide 12" PVC or RCP (Class III) Storm Sewer	LF	342.7	$51.00	$17,477.70	
19-01	ST-03	Remove and Relay 12" PVC, RCP (Class III), or PP Storm Sewer	LF	120.6	$53.00	$6,391.80	
19-18	ST-01	Remove and Replace 12" PVC or RCP (Class III) Storm Sewer	LF	207.0	$78.00	$16,146.00	
20-01A	ST-04	Remove and Relay 12" PVC or RCP Class III Storm Sewer	LF	150.0	$68.00	$10,200.00	
20-01B	ST-05	Remove and Relay 12" PVC or RCP (Class III) Storm Sewer	LF	321.0	$100.00	$32,100.00	
20-01B	ST-06	Provide 12" PVC or RCP (Class III) Storm Sewer	LF	190.0	$66.00	$12,540.00	
20-02	ST-04	Provide 12" PVC or RCP Class III Storm Sewer	LF	111.5	$110.00	$12,265.00	
20-06	ST-01	Provide 12" PVC or RCP (Class III) Storm Sewer	LF	60.0	$83.00	$4,980.00	
20-07	ST-02	Remove and Relay 12-inch PVC or RCP (Class III) Storm Sewer	LF	185.5	$72.36	$13,422.78	
20-07	ST-03	Provide 12-inch PVC or RCP (Class III) Storm Sewer	LF	127.0	$72.36	$9,189.72	
Total				4,286.1		$261,855.66	
Average Cost Per Foot						$61.09	
Average Cost per Lot at 35 Feet of Lateral (100% to Owner)						**$2,138.15**	Average length of lateral is based on a 70 foot right of way.

Schedule B

2021 Storm Sewer Cost Evaluation - Existing Development Other Than Residential up to Two Units per Building

Summary Based on 2018-2020 Asphalt Reconstruction and Resurfacing Projects.

City of De Pere

Date: 1/15/2021

Connection Cost

Storm Wye Cost (6")

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
18-01	ST-10	Provide 12"x6" Storm Branch or Inserta Tee	EA	28	$165.00	$4,620.00	
18-02	ST-11	Provide 30"x6" Storm Sewer Branch or Inserta Tee	EA	5	$279.27	$1,396.35	
18-02	ST-12	Provide 24"x6" Storm Sewer Branch or Inserta Tee	EA	5	$306.03	$1,530.15	
18-02	ST-13	Provide 21"x6" Storm Sewer Branch or Inserta Tee	EA	2	$291.89	$583.78	
18-02	ST-14	Provide 18"x6" Storm Sewer Branch or Inserta Tee	EA	2	$291.89	$583.78	
18-02	ST-15	Provide 15"x6" Storm Sewer Branch or Inserta Tee	EA	2	$291.89	$583.78	
18-02	ST-16	Provide 12"x6" Storm Sewer Branch or Inserta Tee	EA	2	$309.06	$618.12	
18-11	ST-08	Provide 12"x6" Storm Branch or Inserta Tee	EA	1	$300.00	$300.00	
19-01	ST-07	Provide 8"x6" Storm Branch or Inserta Tee	EA	58	$80.00	$4,640.00	
20-01A	ST-07	Provide 8" x 6" Storm Branch or Inserta Tee	EA	20	$70.00	$1,400.00	
20-01B	ST-13	Provide 30" x 6" Storm Branch or Inserta Tee	EA	5	$250.00	$1,250.00	
20-01B	ST-14	Provide 24" x 6" Storm Branch or Inserta Tee	EA	13	$200.00	$2,600.00	
20-01B	ST-15	Provide 21" x 6" Storm Branch or Inserta Tee	EA	3	$200.00	$600.00	
20-01B	ST-16	Provide 15" x 6" Storm Branch or Inserta Tee	EA	4	$200.00	$800.00	
20-01B	ST-17	Provide 8" x 6" Storm Branch or Inserta Tee	EA	35	$100.00	$3,500.00	
20-02	ST-08	Provide 29" x 45" x 6" Tee or 6" Inserta Tee	EA	1	$200.00	$200.00	
20-02	ST-09	Provide 24" x 38" x 6" Tee or 6" Inserta Tee	EA	2	$200.00	$400.00	
Total				188		$25,605.96	
Average Cost Per Wye						**$136.20**	

Core Storm Tee Cost (8" & 12")

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
18-02	ST-10	Provide 30"x8" Storm Sewer Branch or Inserta Tee	EA	2	$489.35	$978.70	
20-06	ST-03	Core Drill Existing Main with NPC Kor-N-Tee	EA	1	$1,860.00	$1,860.00	
Total				3		$2,838.70	
Average Cost Per Connection/Core						**$946.23**	

SCHEDULE C

EXISTING DEVELOPMENT OTHER THAN RESIDENTIAL

UP TO TWO UNITS PER BUILDING

Schedule C
2021 Storm Sewer Cost Evaluation - Residential
Summary Based on 2018-2020 Asphalt Reconstruction and Resurfacing Projects.
City of De Pere
Date: 1/15/2021

Storm Mainline Cost

Item Description	Cost Per LF	Comment
12" Storm Sewer Main	$61.09	
4' Diameter Storm Manhole	$8.08	300 foot spacing with a 5' depth
Mainline Cost Per Street Foot	$69.17	
Cost Per Side of Street	$34.59	
Cost Per Lot	$2,075.40	60 foot wide lot
Assessable Amount (20%)	$415.08	Remaining 80% funded by Storm Water Utility
Engineering and Administration (20%)	$83.02	
Total Mainline Costs	**$498.10**	

Storm Lateral Cost

Item Description	Cost Per EA	Comment
6" Storm Lateral	$1,313.40	30 foot average length. Some laterals will be connected to inlets.
Storm Wye Cost	$136.20	
Assessable Amount (100%)	$1,449.60	
Engineering and Administration (20%)	$289.92	
Total Lateral Costs	**$1,739.52**	

Total Cost

Mainline	$498.10
Storm Lateral	$1,739.52
Total Cost	**$2,237.62**

Schedule C
2021 Storm Sewer Cost Evaluation - Existing Development Other Than Residential up to Two Units per Building
Summary Based on 2018-2020 Asphalt Reconstruction and Resurfacing Projects.
City of De Pere
Date: 1/15/2021

Storm Mainline Cost

Item Description	Cost Per LF	Comment
18" Storm Sewer Main	$64.57	
4' Diameter Storm Manhole	$8.08	300 foot spacing with a 5' depth
Mainline Cost Per Street Foot	$72.65	
Cost Per Side of Street	$36.33	
Assessable Amount (20%)	$7.27	Remaining 80% funded by Storm Water Utility
Engineering and Administration (20%)	$1.45	
Total Mainline Cost Per Front Lot Foot	**$8.72**	

Storm Lateral Cost

Item Description	Cost Per EA	Comment
6" Storm Lateral	$1,532.30	35 foot average length.
Storm Wye Cost	$136.20	
Assessable Amount (100%)	$1,668.50	
Engineering and Administration (20%)	$333.70	
Total Lateral Costs	**$2,002.20**	

Storm Lateral Cost

Item Description	Cost Per EA	Comment
8" Storm Lateral	$1,754.20	35 foot average length.
Storm Wye Cost (Core)	$946.23	Average of cost to core pipe
Assessable Amount (100%)	$2,700.43	
Engineering and Administration (20%)	$540.09	
Total Lateral Costs	**$3,240.52**	

Storm Lateral Cost

Item Description	Cost Per EA	Comment
12" Storm Lateral	$2,138.15	35 foot average length.
Storm Wye Cost (Core)	$946.23	Average of cost to core pipe
Assessable Amount (100%)	$3,084.38	
Engineering and Administration (20%)	$616.88	
Total Lateral Costs	**$3,701.26**	

SCHEDULE D

SCHEDULE D - SCHEDULE OF PRELIMINARY ASSESSMENTS

PRELIMINARY ASSESSMENTS

TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS

LOCATIONS - N ERIE ST FROM GEORGE ST TO RIDGEWAY BLVD, N WINNEBAGO ST FROM FULTON ST TO RIDGEWAY BLVD & JAMES ST FROM N. ERIE ST TO N. HURON ST

RESIDENTIAL ASSESSMENT	
COST PER UNIT - STORM MAIN:	**$498.10**
COST PER UNIT - STORM LATERAL:	**$1,739.52**

NON-RESIDENTIAL ASSESSMENT	
COST PER LINEAR FOOT - STORM MAIN:	**$8.72**
COST PER UNIT - 6" STORM LATERAL:	**$2,002.20**
COST PER UNIT - 8" STORM LATERAL:	**$3,240.52**
COST PER UNIT - 12" STORM LATERAL:	**$3,701.26**

PROPERTY OWNER	LOT NO. PROPERTY ADDRESS PARCEL NUMBER	STORM MAIN ASSESSMENT UNIT	STORM MAIN ASSESSMENT COST	STORM LATERAL ASSESSMENT UNIT	STORM LATERAL ASSESSMENT COST	TOTAL ASSESSMENT	COMMENT
Project 21-01 Sewer and Water Relay and Street Resurfacing							
Cynthia M & Stephanie L Mostek 1026 Ridgeway Blvd De Pere, WI 54115	606 N Winnebago St ED-1435-14	1	$498.10	1	$1,739.52	$2,237.62	
Michiels Bonnie J Survivor's Trust 607 N Winnebago St De Pere, WI 54115-3058	607 N Winnebago St ED-1435-3	1	$498.10	1	$1,739.52	$2,237.62	
Kody & Morgan Sebo 612 Winnebago St De Pere, WI 54115	612 Winnebago St ED-1435-15	1	$498.10	1	$1,739.52	$2,237.62	
Roberta R & Larry F Longlais 613 N Winnebago St De Pere, WI 54115-3058	613 N Winnebago St ED-1435-2	1	$498.10	1	$1,739.52	$2,237.62	
Avery G Garcia, Etal 619 N. Winnebago St De Pere, WI 54115-3058	619 N Winnebago Street ED-1435-1	1	$498.10	1	$1,739.52	$2,237.62	
Margaret A McGinn 625 N Winnebago St De Pere, WI 54115-3058	625 N Winnebago St ED-29-C	1	$498.10	1	$1,739.52	$2,237.62	
Suzanne M & Thomas R Vandelist 631 N Winnebago St De Pere, WI 54115-3058	631 N Winnebago St ED-29-A	1	$498.10	1	$1,739.52	$2,237.62	
Penny A Smith 637 N Winnebago St De Pere, WI 54115	637 N Winnebago St ED-29-B	0	$0.00	1	$1,739.52	$1,739.52	Has inlet across the street abutting the park.
Jessica E & Jerame J Streichert 705 N Winnebago St De Pere, WI 54115-3060	705 N Winnebago St ED-26-4-3	0	$0.00	0	$0.00	$0.00	Existing 6" Storm Lateral and Storm Main on Winnebago St
Smullen Michael J & Susan K Revocable Trust 706 N Winnebago St De Pere, WI 54115-3061	706 N Winnebago St ED-28	0	$0.00	0	$0.00	$0.00	Existing 6" Storm Lateral and Storm Main on Winnebago St
Deborah L Thomson 711 N Winnebago St De Pere, WI 54115-3060	711 N Winnebago St ED-26-4-4	0	$0.00	0	$0.00	$0.00	Existing 6" Storm Lateral and Storm Main on Winnebago St
Dwell Rental Properties LLC 3032 Autumn Leaves Ci Green Bay, WI 54313	1019 Fulton St ED-1435-4	0	$0.00	1	$1,739.52	$1,739.52	Existing 12" Storm main on Fulton Street
Mostek Roberta L Revocable Trust 1026 Ridgeway Blvd De Pere, WI 54115-3051	1026 Ridgeway Blvd ED-26-4-1	0	$0.00	0	$0.00	$0.00	Existing 8" Storm Lateral and Storm main on Ridgeway
Margaraet A Christ 1105 Fulton Street De Pere, WI 54115-3521	1105 Fulton Street ED-1435-13	0	$0.00	1	$1,739.52	$1,739.52	Existing 12" Storm main on Fulton Street
Deborah L & Scott L Ruggles 1106 Ridgeway Blvd De Pere, WI 54115-3532	1106 Ridgeway Blvd ED-28-1	0	$0.00	1	$1,739.52	$1,739.52	Existing 36" Storm main on Ridgeway Blvd.

SCHEDULE D - SCHEDULE OF PRELIMINARY ASSESSMENTS

PRELIMINARY ASSESSMENTS

TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS

LOCATIONS - N ERIE ST FROM GEORGE ST TO RIDGEWAY BLVD, N WINNEBAGO ST FROM FULTON ST TO RIDGEWAY BLVD & JAMES ST FROM N. ERIE ST TO N. HURON ST

RESIDENTIAL ASSESSMENT	
COST PER UNIT - STORM MAIN:	**$498.10**
COST PER UNIT - STORM LATERAL:	**$1,739.52**

NON-RESIDENTIAL ASSESSMENT	
COST PER LINEAR FOOT - STORM MAIN:	**$8.72**
COST PER UNIT - 6" STORM LATERAL:	**$2,002.20**
COST PER UNIT - 8" STORM LATERAL:	**$3,240.52**
COST PER UNIT - 12" STORM LATERAL:	**$3,701.26**

PROPERTY OWNER	LOT NO. PROPERTY ADDRESS PARCEL NUMBER	STORM MAIN ASSESSMENT UNIT	STORM MAIN ASSESSMENT COST	STORM LATERAL ASSESSMENT UNIT	STORM LATERAL ASSESSMENT COST	TOTAL ASSESSMENT	COMMENT
Project 20-02 Erie Street Reconstruction & Utility Relay							
Deanna J Peterson 108 N Erie St De Pere, WI 54115	108 N Erie St ED-1090	1	$498.10	1	$1,739.52	$2,237.62	
New Horizon Enterprises LLC 2040 E Higgins Hill De Pere, WI 54115	109 N Erie St ED-1065	0	$0.00	0	$0.00	$0.00	Storm Sewer and Lateral Identified.
EPL Investments LLC PO Box 293 Appleton, WI 54913	114 N Erie St ED-1091	1	$498.10	1	$1,739.52	$2,237.62	
Cotter Investments LLC 800 Webster Ave De Pere, WI 54115	115 N Erie St ED-1064	0	$0.00	0	$0.00	$0.00	Connection to Mini-Sewer on Erie Street
Mary McDonald 121 N Erie St De Pere, WI 54115-2905	121 N Erie St ED-1063	1	$498.10	1	$1,739.52	$2,237.62	
Theresa A & Rick A Vanenkevort 124 N Erie St De Pere, WI 54115-2906	124 N Erie St ED-1092	1	$498.10	1	$1,739.52	$2,237.62	
Alfred J & Melissa L Walker 132 N Erie St De Pere, WI 54115-2906	132 N Erie St ED-1093	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer Inlet at James Street Intersection
Phillip W Mullins Jr 132 N Huron St De Pere, WI 54115-2813	132 N Huron St ED-1072	0	$0.00	0	$0.00	$0.00	Lateral installed during Project 17-02.
Jeremy D Miller 202 N Erie St De Pere, WI 54115-2908	202 N Erie St ED-1081	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Peter J Lempereur 202 N Huron St De Pere, WI 54115-2815	202 N Huron St ED-1076	0	$0.00	0	$0.00	$0.00	Lateral installed during Project 17-02.
Gary W Martin 206 N Erie St De Pere, WI 54115-2908	206 N Erie St ED-1082	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Kenneth M Toutloff II 209 N Erie St De Pere, WI 54115	209 N Erie St ED-1074	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Laurie J Beckers 212 N Erie St De Pere, WI 54115-2908	212 N Erie St ED-1082-1	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
John P Ronski 901 Cherry St Wausau WI, 54401-2003	215 N Erie St ED-1073	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Kathleen Smits 430 N Erie St De Pere, WI 54115	430 N Erie St ED-533	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.

SCHEDULE D - SCHEDULE OF PRELIMINARY ASSESSMENTS

PRELIMINARY ASSESSMENTS

TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS

LOCATIONS - N ERIE ST FROM GEORGE ST TO RIDGEWAY BLVD, N WINNEBAGO ST FROM FULTON ST TO RIDGEWAY BLVD & JAMES ST FROM N. ERIE ST TO N. HURON ST

RESIDENTIAL ASSESSMENT	
COST PER UNIT - STORM MAIN:	**$498.10**
COST PER UNIT - STORM LATERAL:	**$1,739.52**

NON-RESIDENTIAL ASSESSMENT	
COST PER LINEAR FOOT - STORM MAIN:	**$8.72**
COST PER UNIT - 6" STORM LATERAL:	**$2,002.20**
COST PER UNIT - 8" STORM LATERAL:	**$3,240.52**
COST PER UNIT - 12" STORM LATERAL:	**$3,701.26**

PROPERTY OWNER	LOT NO. PROPERTY ADDRESS PARCEL NUMBER	STORM MAIN ASSESSMENT UNIT	STORM MAIN ASSESSMENT COST	STORM LATERAL ASSESSMENT UNIT	STORM LATERAL ASSESSMENT COST	TOTAL ASSESSMENT	COMMENT
Project 20-02 Erie Street Reconstruction & Utility Relay							
Deborah Meyer 431 N Erie St De Pere, WI 54115	431 N Erie St ED-523	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Jean A Weaver 436 N Erie St De Pere, WI 54115-2910	436 N Erie St ED-534	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Lynne & Steven Smet 365 Iroquois Ave Green Bay, WI 54301-1919	437 N Erie St ED-522	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Jane E Gantenbein 443 N Erie St De Pere, WI 54115	443 N Erie St ED-521	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Katherine A & Eugene L Forrest 448 N Erie St De Pere, WI 54115-2910	448 N Erie St ED-535	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Rachael M Gilbertson 450 N Erie St De Pere, WI 54115-2910	450 N Erie St ED-537-1	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Deanna J & Steven P Sullivan 503 N Erie St De Pere, WI 54115-3001	503 N Erie St ED-514	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Guinness Development LLC 2222 American Blvd De Pere, WI 54115	509 N Erie St ED-513	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Nancy L & Michael D Lemay 512 N Erie St De Pere, WI 54115-3002	512 N Erie St ED-545	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Guinness Development LLC 2222 American Blvd De Pere, WI 54115	515 N Erie St ED-512	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Melissa A Schuette 518 N Erie St De Pere, WI 54115	518 N Erie St ED-546	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Angelique C & Matthew K Wegmann 521 N Erie St De Pere, WI 54115-3001	521 N Erie St ED-511	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Jennifer R Classon 526 N Erie St De Pere, WI 54115-3002	526 N Erie St ED-547	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Lindsay J Mushynski 1620 Rusk St De Pere, WI 54115	527 N Erie St ED-510	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Christina L & Andrew M DeKeuster 602 N Erie St De Pere, WI 54115-3004	602 N Erie St ED-552	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.

SCHEDULE D - SCHEDULE OF PRELIMINARY ASSESSMENTS

PRELIMINARY ASSESSMENTS

TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS

LOCATIONS - N ERIE ST FROM GEORGE ST TO RIDGEWAY BLVD, N WINNEBAGO ST FROM FULTON ST TO RIDGEWAY BLVD & JAMES ST FROM N. ERIE ST TO N. HURON ST

RESIDENTIAL ASSESSMENT	
COST PER UNIT - STORM MAIN:	**$498.10**
COST PER UNIT - STORM LATERAL:	**$1,739.52**

NON-RESIDENTIAL ASSESSMENT	
COST PER LINEAR FOOT - STORM MAIN:	**$8.72**
COST PER UNIT - 6" STORM LATERAL:	**$2,002.20**
COST PER UNIT - 8" STORM LATERAL:	**$3,240.52**
COST PER UNIT - 12" STORM LATERAL:	**$3,701.26**

PROPERTY OWNER	LOT NO. PROPERTY ADDRESS PARCEL NUMBER	STORM MAIN ASSESSMENT UNIT	STORM MAIN ASSESSMENT COST	STORM LATERAL ASSESSMENT UNIT	STORM LATERAL ASSESSMENT COST	TOTAL ASSESSMENT	COMMENT
Project 20-02 Erie Street Reconstruction & Utility Relay							
Miran E & Justin M Mattern 614 N Erie St De Pere, WI 54115-3004	614 N Erie St ED-553	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Annette & Christopher G Eastman 618 N Erie St De Pere, WI 54115-3004	618 N Erie St ED-554	0	$0.00	0	$0.00	$0.00	Storm Sewer and Lateral Identified.
Barbara Woche 621 N Erie St De Pere, WI 54115-3003	621 N Erie St ED-503	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Eric S Kordes 624 N Erie St De Pere, WI 54115	624 N Erie St ED-573	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Anthony J Lanz 625 N Erie St De Pere, WI 54115-3003	625 N Erie St ED-570	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Julie Maloney 631 N Erie St De Pere, WI 54115	631 N Erie St ED-571	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
VanRoy Nancy L Revocable Trust 632 N Erie St De Pere, WI 54115-3004	632 N Erie St ED-574	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Kenneth L Clark 635 N Erie St De Pere, WI 54115-3003	635 N Erie St ED-572	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Shiela Mae E & John J Holder 636 N Erie St De Pere, WI 54115-3004	636 N Erie St ED-575	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Kimberly E & Kent A Theel 702 N Erie St De Pere, WI 54115-3006	702 N Erie St ED-124-H-6	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Andrea Thorpe 703 N Erie St De Pere, WI 54115-3005	703 N Erie St ED-124-H-5	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Joanne H & Dennis N O'Donnell 706 N Erie St De Pere, WI 54115-3006	706 N Erie St ED-124-H-7	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Amy L Sadewater 707 N Erie St De Pere, WI 54115-3005	707 N Erie St ED-124-H-4	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Jennifer Solcz 1126 Pleasant Valley Dr Oneida, WI 54155-8634	712 N Erie St ED-124-H-8	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Sofia & Andrew Krans 941 Lawton Pl De Pere, WI 54115	713 N Erie St ED-124-H-3	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.

SCHEDULE D - SCHEDULE OF PRELIMINARY ASSESSMENTS

PRELIMINARY ASSESSMENTS

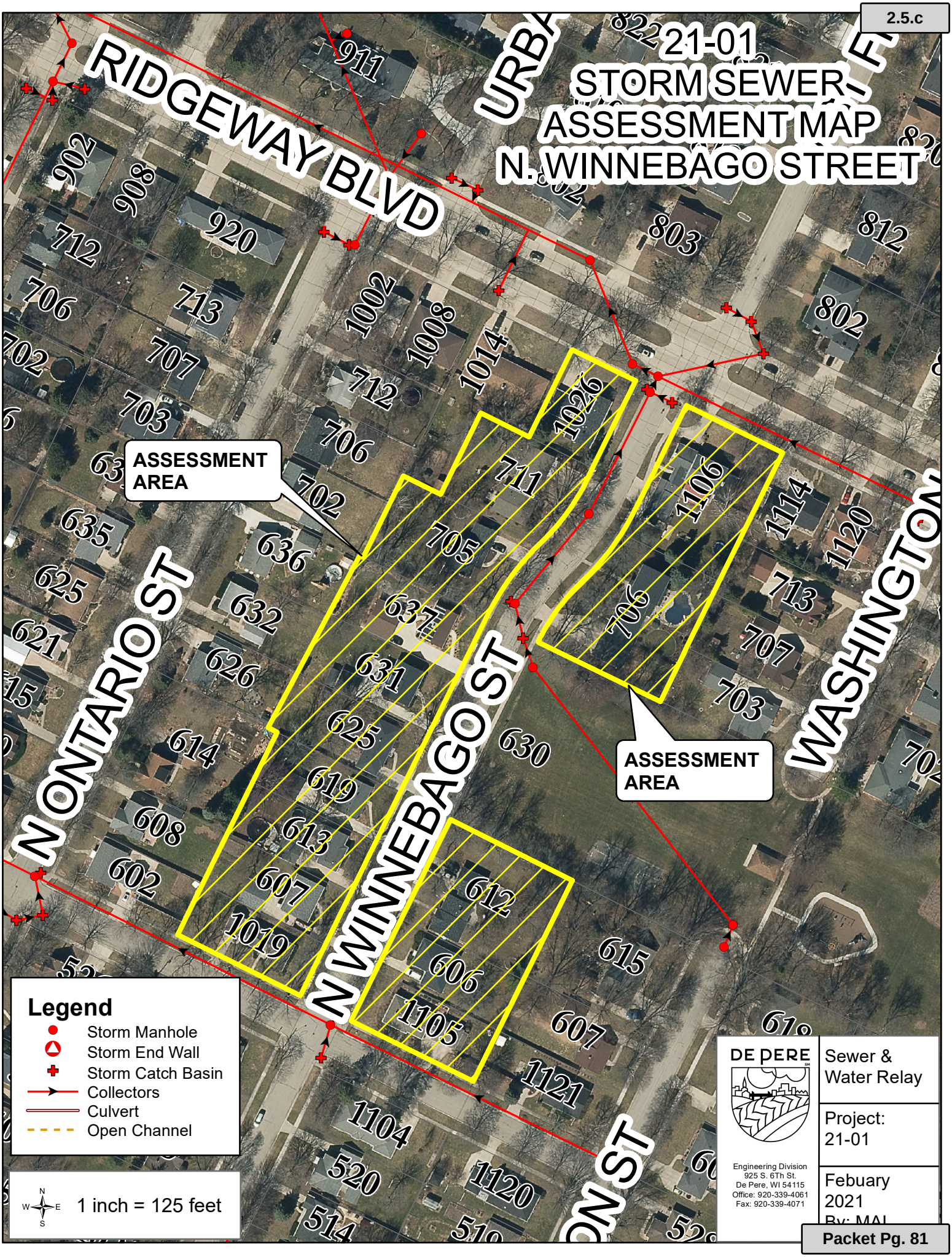
TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS

LOCATIONS - N ERIE ST FROM GEORGE ST TO RIDGEWAY BLVD, N WINNEBAGO ST FROM FULTON ST TO RIDGEWAY BLVD & JAMES ST FROM N. ERIE ST TO N. HURON ST

RESIDENTIAL ASSESSMENT	
COST PER UNIT - STORM MAIN:	**$498.10**
COST PER UNIT - STORM LATERAL:	**$1,739.52**

NON-RESIDENTIAL ASSESSMENT	
COST PER LINEAR FOOT - STORM MAIN:	**$8.72**
COST PER UNIT - 6" STORM LATERAL:	**$2,002.20**
COST PER UNIT - 8" STORM LATERAL:	**$3,240.52**
COST PER UNIT - 12" STORM LATERAL:	**$3,701.26**

PROPERTY OWNER	LOT NO. PROPERTY ADDRESS PARCEL NUMBER	STORM MAIN ASSESSMENT UNIT	STORM MAIN ASSESSMENT COST	STORM LATERAL ASSESSMENT UNIT	STORM LATERAL ASSESSMENT COST	TOTAL ASSESSMENT	COMMENT
Project 20-02 Erie Street Reconstruction & Utility Relay							
Alexandria Hughes 814 James St De Pere, WI 54115	814 James St ED-1061	1	$498.10	1	$1,739.52	$2,237.62	
Emily Schultz 920 Franklin St De Pere, WI 54115-3044	820 Franklin St ED-520	1	$498.10	1	$1,739.52	$2,237.62	
Katherine J & Anthony D Hamilton 820 James St De Pere, WI 54115-2921	820 James St ED-1062	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
New Horizon Enterprises LLC 2040 E Higgins Hill De Pere, WI 54115	821 George St ED-1066	0	$0.00	0	$0.00	$0.00	Storm Sewer and Lateral Identified.
Castle Rock Homes LLC 1385 Castle Rock Ct De Pere, WI 54115	821 James Street ED-1075	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Michelle A & David P Spiering 822 Ridgeway Blvd De Pere, WI 54115-3029	822 Ridgeway Blvd ED-124-H-2	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Jodie L Gehm PO Box 2 De Pere, WI 54115	823 Fulton St ED-504	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Sarah J & Gerald H Cegelski 902 Ridgeway Blvd De Pere, WI 54115-3031	902 Ridgeway Blvd ED-124-H-9	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Leslie A Peterson 903 Franklin St De Pere, WI 54115-3007	903 Franklin St ED-543-1	0	$0.00	1	$1,739.52	$1,739.52	Storm Sewer on N. Erie Street.
Beachwalker Express LLC 905 George St De Pere, WI 54115	905 George St ED-1089	0	$0.00	0	$0.00	$0.00	Storm Sewer on N. Erie Street.
		13	$6,475.30	59	$102,631.68	$109,106.98	



DE PERE

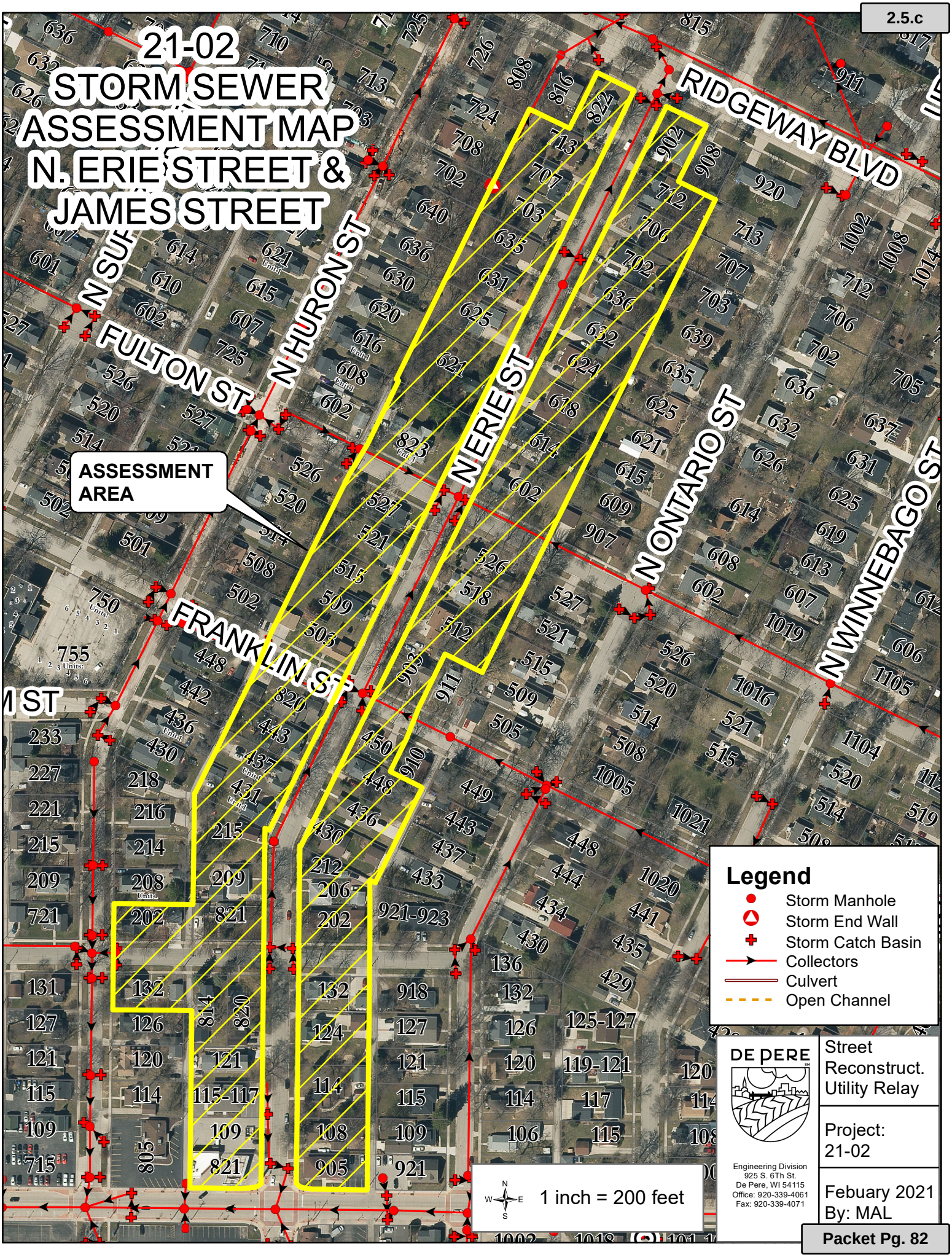
Engineering Division
925 S. 6Th St.
De Pere, WI 54115
Office: 920-339-4061
Fax: 920-339-4071

Sewer & Water Relay

Project: 21-01

Febuary 2021

By: MAL


21-02
STORM SEWER
ASSESSMENT MAP
N. ERIE STREET &
JAMES STREET
ASSESSMENT AREA
RIDGEWAY BLVD
N HURON ST
FULTON ST
N ERIE ST
N ONTARIO ST
N WINNEBAGO ST
FRANKLIN ST
Legend
Storm Manhole
Storm End Wall
Storm Catch Basin
Collectors
Culvert
Open Channel
1 inch = 200 feet
DE PERE
Engineering Division
925 S. 6Th St.
De Pere, WI 54115
Office: 920-339-4061
Fax: 920-339-4071
Street Reconstruct. Utility Relay
Project: 21-02
Febuary 2021
By: MAL

City of De Pere, Wisconsin

Request For Board of Public Works Action

MEETING DATE:	**March 8, 2021**
DEPARTMENT:	**Board of Public Works**
FROM:	**Tom Blohowiak**
SUBJECT:	**Consideration and possible action on New Contract for Uniform Services**

ATTACHMENTS:

- Memo for Uniform Services at MSC (PDF)
- Cintas Quote uniforms(PDF)
- Unifirst Quote uniforms (PDF)
- Bay Towel rental service agreement and current invoice (PDF)

CITY OF DE PERE
MEMO

To: Honorable Mayor Boyd
Members of the Board of Public Works
From: Thomas Blohowiak, Maintenance Supervisor
Date: March 8, 2021

RE: **Consideration & possible action on new contract for uniform services**

The Municipal Service Center has a renewal contract with Bay Towel for coveralls and shop towels that is due. We have been working with Bay Towel for several years. Staff has noticed significant price changes from what was in the contract and learned that they could raise prices up to 8% per year without notifying staff.

The City of De Pere requested proposals from 3 vendors for this service. (See attached)

1. Cintas $33.82/ week
2. UniFirst $36.00/ Week
3. Bay Towel $117.00/ week

Staff is recommending the contract be given to Cintas, the lowest proposal for the service.

February 10, 2021

Program For: **City of De Pere**
Attention: **Tom Blohowiak**

City of De Pere

Cintas Products	Units	Freq.	Unit Cost	Subtotal
Poly/Cotton Coverall	57	Weekly	$ 0.255	$ 14.535
Red Shop Towel	200	Weekly	$ 0.080	$ 16.000
Red Shop Towel - Lost Replacement 4% at $0.41	8	Weekly	$ 0.410	$ 3.280
Service Charge	1	Weekly	$ -	$ -
			Estimated Weekly Total :	**$ 33.82**

One Source, One Company, One Answer

Please Call Nate Glime at (920)362-1280 with any questions.

February 10, 2021

Uniform Service Proposal For

City of De Pere Maintenance

Rental

UniFirst Code	Item Description	Total Inventory	Weekly Qty	Unit Rate	Weekly Total
3002	UniWear Cotton Blend Zip Front Coverall LS	40	16	$ 0.35	$ 14.00
4022	Short Sleeve Speed Suit, 65/35 Poly/Cotton Blend.	17	7	$ 0.38	$ 6.46
				Weekly Total Uniform Rate	$ 20.46

Rental

UniFirst Code	Item Description	Total Inventory	Weekly Qty	Unit Rate	Weekly Total
8023	Shop Towel	400	200	$ 0.05	$ 10.00
	Towel Replacement Fee		4	$ 0.26	$ 1.04
				$ -	$ -
				Facility Services Weekly Total	$ 11.04

		# of Wearers	Weekly per Wearer Rate	Weekly Total
		8	$ 2.56	$ 20.46
Total	Facility Services Weekly Total			$ 11.04
HDW	Hardware (bagstand, lockers, etc)			$ 1.00
GM	Garment Maintenance			$ -
DEFE	Delivery, Environmental, Fuel, Energy			$ 3.50
			Weekly Total	$ 36.00

Proposed pricing effective for 30 days from date at top of page

UniFirst Sales Representative

Dylan Vandenhouten

920.265.0600

Thank you for the opportunity to earn your business!

February 10, 2021

Uniform Service Proposal For

City of De Pere Maintenance

ONE TIME CHARGES FOR NEW EMPLOYEES

COMPANY LOGO EMBLEM	$ 3.50
INDIVIDUAL NAME EMBLEM	$ 1.50
CUSTOM DIRECT EMBROIDERED COMPANY LOGO	$ 4.50

CUSTOM DIRECT EMBROIDERED EMPLOYEE NAME		$ 2.50			
GARMENT SET-UP CHARGE		$ 0.75			

Full Rental Service Includes:

> Sizing with sample garments to assure a comfortable fit.

> Weekly garment inspection for items in need of repair or replacement

> Garment repair at **No Additional Charge.**

> Worn garments replaced at **No Additional Charge.**

> Guaranteed **24-Hour Response** to All Customer Service Inquiries.

> Quarterly Customer Satisfaction Audits.

> UniFirst **Written** Guarantee Service Promise

> No Hidden Charges

UniFirst Sales Representative

Dylan Vandenhouten

920.265.0600

Thank you for the opportunity to earn your business!

BAY TOWEL

BAY TOWEL, INC. RENTAL SERVICE AGREEMENT

This Rental Service Agreement made and executed by and between City of DePere Maintenance hereinafter called 'Customer' and Bay Towel, Inc. of 2580 South Broadway, Green Bay, Wisconsin, hereinafter called 'Supplier'.

WHEREAS, Customer desires to rent from Supplier and Supplier desires to rent to Customer, clean uniforms, linens, towels and other items for the use of Customer and Customer's employees in Customer's business; and

WHEREAS, Customer acknowledges that Supplier will be required to make a substantial investment in uniforms, linens and other items and equipment in order to supply such rental service to Customer.

NOW, THEREFORE, for value received and consideration hereafter recited, Customer and Supplier hereby agree as follows:

1. Supplier agrees to furnish linen, uniforms, dust control and other items as set forth in Table A below, on the terms and conditions contained in this Agreement. Supplier shall maintain a regular delivery schedule to pick up and deliver uniforms, linens and towels to Customer. Any additions to the amount or types of merchandise, equipment or services requested by Customer shall be and will become a part of this Agreement and shall be subject to the same terms and conditions below. All Prices Are Based On 52 Weeks per Year Service.

TABLE A

Item Description	Inventory	Changes/Wk	Unit Price	Minimum Billing %
Coveralls	varies		$1.000	
Jackets	varies		$3.780	
Shop Towels	400	200	$0.070	
Laundry Bag	4	2	$0.250	

2. If Supplier's cost of service under this Agreement increases during the term of this Agreement, and any extension thereof, Supplier is entitled to increase its prices. If a price increase is 8% or less per annum, Customer acknowledges any such increase to be reasonable and agrees that no written notice need be given by Supplier. However, if a price increase exceeds 8% per annum, Supplier must notify Customer in writing and Customer may reject the price increase by notifying Supplier in writing of rejection within fourteen (14) days of receipt of the notice of any such increase. All adjusted billing(s) reflecting such a price increase shall be deemed to be adequate notice of increase(s) to the Customer. If Customer furnishes a written rejection of the increase charge within the agreed fourteen (14) day period, Supplier, at its option, may either continue the service at the existing prices, or cancel this Agreement upon notice to Customer. [ ] Customer initial.

3. Customer acknowledges that Supplier will be obligated to make substantial investment in the rental items necessary to fulfill the terms of this Agreement. This Agreement shall take effect on the date of signing. The agreed term of this Agreement, therefore, shall be for a period of Thirty-Six months from the later of the effective date or the date of initial delivery. The parties agree that this Agreement shall be automatically renewed for a Twelve(12) month term, unless Customer provides written notice of termination to Supplier on or before 12/16/2023.
[ ] Customer initial.

4. Any continued receipt of service by the Customer (acceptance of rental items or service from supplier) after the expiration of this Agreement (and any extension thereof) shall allow the supplier to enforce all of the terms, conditions and obligations as stated in any provision of this Agreement.

SEE REVERSE FOR ADDITIONAL PROVISIONS

CUSTOMER ALSO WARRANTS THAT HE/SHE HAS READ THE ENTIRE CONTRACT, FRONT AND BACK, AND HAS RECEIVED A COPY OF THIS AGREEMENT. THE SIGNATORY FOR CUSTOMER WARRANTS THAT HE/SHE IS AUTHORIZED ON BEHALF OF CUSTOMER TO EXECUTE THIS AGREEMENT.

Signed this 15th day of March, 2021

CUSTOMER:

Signed by:

Print:

Title:

Email

Address: 925 S. 6th Street

DePere WI 54115

Phone #:

This Agreement is executed by:

- ☐ An Officer of the Corporation
- ☐ Member of the LLC
- ☐ Partner of Partnership
- ☑ Authorized Agent

BAY TOWEL, INC.:

Signed by:

Print:

Title:

Salesperson: Travis Koske

Customer is a(n):

- ☐ Corporation
- ☐ LLC
- ☐ Partnership
- ☑ Municipality
- ☐ Sole Proprietor

V.2020020

BAY TOWEL
LINEN AND UNIFORM RENTAL

Invoice

BAY TOWEL
PO BOX 12115
GREEN BAY, WI 54307 (920)497-2000

DE PERE, CITY OF, MAINTENANCE
925 SOUTH 6TH STREET
DE PERE, WI 54115-1199 (920)339-4060

Date	Day	Invoice	Freq	Seq	Term	Account	Route
02/04/2021	Thu	4104743	7	40	CHG	14052-59645	10

Line	Item	Empl	Name / Description		Sizes	Qty	Inv	Unit Pr	Ext. Price	Adj. Qty	Adj. Amt	Total
1	933		BAG,BWN,TAPERED,POLYESTER			2	4	$0.3240	$0.65		$0.00	$0.65
2	1880		SHOP TOW RD 18			200	400	$0.0864	$17.28		$0.00	$17.28
3	2200		BAG STAND			0	1	$0.0000	$0.00		$0.00	$0.00
4	2205		HANGER CADDIES			0	1	$0.0000	$0.00		$0.00	$0.00
5	CT16NV	10	CO USE	COVERALL NAVY SP	46	1	3	$1.6416	$3.28		$0.00	$3.28
6	CT16NV	10	CO USE	COVERALL NAVY SP	50	1	3	$1.6416				
7	CT10NV	11	CO USE	COVERALL NAVY AC	54 LN	3	7	$1.6416	$4.92		$0.00	$4.92
8	CT16NV	12	BERNIE SKOVIAK	COVERALL NAVY SP	46L 45	7	14	$1.6416	$11.49		$0.00	$11.49
9	CT10NV	17	CRAIG THIEM	COVERALL NAVY AC	48 LN	3	7	$1.6416	$9.84		$0.00	$9.84
10	CT16NV	17	CRAIG THIEM	COVERALL NAVY SP	48 LN	3	6	$1.6416				
11	CT10NV	19	CO USE PARK	COVERALL NAVY AC	50 41	1	3	$1.6416	$1.64		$0.00	$1.64
12	CT16NV	20	MARCUS WEBSTER	COVERALL NAVY SP	54 REG	7	14	$1.6416	$11.49		$0.00	$11.49
13	FINCHG		FINANCE CHG			0	0	$0.0000	$1.77		$0.00	$1.77
14	SC		SERVICE CHARGE			0	0	$0.0000	$28.12		$0.00	$28.12
15	STMP		STMP			0	0	$0.0000	$29.27		$0.00	$29.27

Total Due	Cur. Bus.	Cur. Bal.	30	60	90	120
$718.87	$119.75	$481.14	$0.00	$117.98	$0.00	$0.00

Subtotal:	$119.75	Total Adj.:	$0.00
Sales Tax:	$0.00	Tax Adj.:	$0.00
Prebill:	$119.75	Net Adj.:	$0.00

Comment: _____

Total Adj.:	$0.00
Tax Adj.:	$0.00
Net Charge:	**$119.75**

Received By: _____

City of De Pere, Wisconsin

Request For Board of Public Works Action

MEETING DATE:	**March 8, 2021**
DEPARTMENT:	**Board of Public Works**
FROM:	**Tom Blohowiak**
SUBJECT:	**Consideration and possible action on Preventative Maintenance Contract for Backup Generators***

ATTACHMENTS:

- Memo for Preventative Maintenance for Back up Generators-Revised 3-1-2021 (PDF)
- Cummins quote for current 2 Generators Fire Dept. (PDF)
- Cummins quote for 3 new Generators (PDF)
- Total Energy systems quote for 5 generators. (PDF)

CITY OF DE PERE MEMO

To: Honorable Mayor Boyd
Members of the Board of Public Works
From: Thomas Blohowiak, Maintenance Supervisor
Date: March 8, 2021

RE: **Consideration and possible action on Preventative Maintenance Contract for Backup Generators***

The City now owns a total of 5 back-up generators. There is one at each of the fire stations, one for the MSC, one trailer mounted (#34) for the lift station , and the new trailer mounted (#68) 175 KW generator for the city hall complex. The current contract for services for the 2 fire station generators is due for renewal this year. I went looking for quotes from vendors in the local area to do the same services, but to include the 3 generators that are not on a service contract.

The City of De Pere requested proposals from 2 vendors that are local for this service. Cummins is our current vender doing the services. Total Energy Systems, LLC is the vender that sold the two trailer units to the City of De Pere. The following two quotes (see attached) were received for consideration.

Generators	CUMMINS (5 Year)	TOTAL ENERGY SYSTEMS (5 Year)
Fire station 1	$3,779.37	$3,570.00
Fire station 2	$3,194.86	$3,610.00
34	$3,509.63	$3,610.00
68	$5,175.51	$5,900.00
MSC	$4,510.77	$3,610.00
Battery every 2 Yrs.	included	$2,350.00
5 Year Total	$20,170.14	$22,650.00

Note: To make quotes Equal, I added in Batteries every 2 years and left out the oil samples from Total Energy Systems.

Staff is recommending the contract be given to Cummins the lowest proposal for the service.

Sales and Service

GREEN BAY WI BRANCH
939 LAWRENCE DRIVE
DEPERE, WI 54115 5070
Phone: 920-336-9631

PLANNED MAINTENANCE AGREEMENT

Customer Address	Customer Contact		Quote Information	
DE PERE FIRE RESCUE	Contact:	Joe Beard	Quote Date:	08-JAN-21
400 LEWIS ST	Phone:	920 4454805	Quote Expires:	07-APR-21
De Pere, WI 54115	Fax:	920 4037883	Quote Num:	121613
	Cust Id:	37350	Quoted By:	John D Prill
			Quote Term:	5 Year(s)

Site Information

1	EAST FIRE STATION	400 LEWIS ST	DE PERE	WI	54115
2	WEST FIRE STATION	1180 GRANT STREET	DE PERE	WI	54115

Site	Unit Number	Manufacturer	Model	Prod Model	Serial Number	Type
1	EAST STATION	KOHLER	GENSET KOHLE	60RZ6	0684186	ST
2	WEST STATION	KOHLER	GENSET KOHLE	45REOZ71	065170	ST

Site	Unit Number	Service Event	Qty	Sell Price	Extended Price
1	EAST STATION	STANDARD PM FULL SERVICE	2	360.18	720.36
		FULL SERVICE W/ BATT R&R	3	535.31	1,605.93
		INSP W/LOAD BANK 2 HR	1	663.32	663.32
		INSPECTION	4	197.44	789.76
2	WEST STATION	STANDARD PM FULL SERVICE	2	310.94	621.88
		FULL SERVICE W/ BATT R&R	3	480.60	1,441.80
		INSP W/LOAD BANK 2 HR	1	599.94	599.94
		INSPECTION	4	132.81	531.24

THIS QUOTE DOES NOT INCLUDE APPLICABLE TAXES

Please complete, sign and return to:
Dan Prill, Inside Sales at john.prill@cummins.com, Phone: 651-286-2223 or fax 651-286-2145

Current Account Status: Charge account customer/Pay upon receipt of invoice after service is performed.

Based on your previous PM schedule, tentative schedule is as follows:

INSPECTION IN APRIL OF 2021, 2022, 2023, 2024 AND 2025.
FULL SERVICE IN OCTOBER OF 2021, 2022, 2023, 2024 AND 2025.
2-HOUR LOAD BANK IN APRIL OF 2021.
BATTERY REPLACEMENT IN OCTOBER OF 2021, 2023 AND 2025 (LAST REPLACED IN OCTOBER OF 2019).

Unless otherwise requested this quote reflects labor during regular business hours. No additional repairs will be performed without customer's authorization.

Mike Obermann-Planned Maintenance Sales - Cummins Sales and Service
Phone 920-445-6543 Fax 920-338-6105 michael.obermann@cummins.com

Sales and Service

PLANNED MAINTENANCE AGREEMENT

Customer Address	Customer Contact		Quote Information	
DE PERE FIRE RESCUE	Contact:	Joe Beard	Quote Date:	08-JAN-21
400 LEWIS ST	Phone:	920 4454805	Quote Expires:	07-APR-21
De Pere, WI 54115	Fax:	920 4037883	Quote Num:	121613
	Cust Id:	37350	Quoted By:	John D Prill
			Quote Term:	5 Year(s)

Standard Agreement Amount	**$6,974.23**
Proposal Total	**$6,974.23**

THERE ARE ADDITIONAL CONTRACT TERMS AND CONDITIONS ON THE REVERSE SIDE OF THIS DOCUMENT, INCLUDING LIMITATIONS OF WARRANTIES AND LIABILITY, WHICH ARE EXPRESSLY INCORPORATED HEREIN. CUSTOMER ACKNOWLEDGES THAT THE CONTRACT TERMS AND CONDITIONS HAVE BEEN READ, FULLY UNDERSTOOD, AND ACCEPTED.

Customer Approval

Signature: _____

Date: _____

CUMMINS INC

Signature: _____

Date: _____

PLANNED MAINTENANCE AGREEMENT TERMS AND CONDITIONS

These Planned Maintenance Agreement Terms and Conditions, together with the Quote on the front side and the Scope of Services, are hereinafter referred to as this 'Agreement' and shall constitute the entire agreement between the customer identified in the Quote ('Customer') and Cummins Inc. ('Cummins') and supersede any previous agreement or understanding (oral or written) between the parties with respect to the subject matter of this Agreement. In the event of any inconsistency between this Agreement and any purchase order, terms and conditions or other document produced or delivered by Customer, the terms and conditions of this Agreement shall take precedence.

1. SCOPE OF SERVICES; PERFORMANCE OF SERVICES. Cummins shall perform the maintenance ('Services') on the equipment identified in the Quote ('Equipment') in accordance with the schedule specified in the Quote. The Services include those services defined in the 'Service Event' section of the Quote. No additional services or materials are included in this Agreement unless agreed upon by the parties in writing. Unless otherwise indicated in the Quote, Cummins will provide the labor and tools necessary to perform the Services and shall keep Customer's property free from accumulation of waste materials caused by Cummins' operations. Either party may terminate this Agreement with or without cause by providing thirty (30) days written notice to the other.

2. CUSTOMER OBLIGATIONS. Customer shall provide Cummins safe access to Customer's site and arrange for all related services and utilities necessary for Cummins to perform the Services. During the performance of the Services, Customer shall fully and completely secure all or any part of any facility where the Equipment is located to remove and mitigate any and all safety issues and risks, including but not limited to facility occupants, customers, invitees, or any third party and or property damage or work interruption arising out of the Services. Customer shall make all necessary arrangement to address and mitigate the consequences of any electrical service interruption which might occur during the Services. CUSTOMER IS RESPONSIBLE FOR OPERATING AND MAINTAINING THE EQUIPMENT IN ACCORDANCE WITH THE OWNER'S MANUAL FOR THE EQUIPMENT.

3. PAYMENT TERMS. Unless otherwise agreed to by the parties in writing and subject to credit approval by Cummins, payments are due thirty (30) days from the date of the invoice. If Customer does not have approved credit with Cummins, as solely determined by Cummins, payments are due in advance or at the time of supply of the Services. If payment is not received when due, in addition to any rights Cummins may have at law, Cummins may charge Customer eighteen percent (18%) interest annually on late payments, or the maximum amount allowed by law. Customer agrees to pay all Cummins' costs and expenses (including all reasonable attorneys' fees) related to Cummins' enforcement and collection of unpaid invoices, or any other enforcement of this Agreement by Cummins. Unless otherwise stated, the Quote excludes all applicable local, state, or federal sales and/or use or similar taxes which Cummins is required by applicable laws to collect from Customer and shall be stated on the invoice.

4. DELAYS. Any performance dates indicated in this Agreement are estimated and not guaranteed. Cummins shall not be liable for any delays in performance however occasioned, including any that result directly or indirectly from acts of Customer or causes beyond Cummins' control, including but not limited to acts of God, accidents, fire, explosions, flood, unusual weather conditions, acts of government authority, or labor disputes.

5. WARRANTY. Cummins shall perform the Services in a reasonable and workmanlike manner. Parts and components supplied under this Agreement are governed by the express written manufacturer's limited warranty. No other warranty for parts or components is provided under this Agreement. All Services shall be free from defects in workmanship for a period of ninety (90) days after completion of Services. In the event of a warrantable defect in workmanship of Services supplied under this Agreement ('Warrantable Defect'), Cummins' obligation shall be solely limited to correcting the Warrantable Defect. Cummins shall correct the Warrantable Defect where (i) such Warrantable Defect becomes apparent to Customer during the warranty period; (ii) Cummins receives written notice of any Warrantable Defect within thirty (30) days following discovery by Customer; and (iii) Cummins has determined that there is a Warrantable Defect. Warrantable Defects remedied under this provision shall be subject to the remaining warranty period of the original warranty of the Services. New parts supplied during the remedy of Warrantable Defects are warranted for the balance of the warranty period still available from the original warranty of such parts. The remedies set forth in this Section 5 shall not be deemed to have failed of their essential purpose so long as Cummins is willing to correct defective Services or refund the purchase price therefor.

6. LIMITATIONS OF WARRANTIES AND LIABILITY.
THE REMEDIES PROVIDED IN THE LIMITED WARRANTY AND THIS AGREEMENT ARE THE SOLE AND EXCLUSIVE WARRANTIES AND REMEDIES PROVIDED BY CUMMINS TO THE CUSTOMER UNDER THIS AGREEMENT. EXCEPT AS SET OUT IN THE WARRANTY AND THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY LAW, CUMMINS EXPRESSLY DISCLAIMS ALL OTHER REPRESENTATIONS, WARRANTIES, ENDORSEMENTS, AND CONDITIONS OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY STATUTORY OR COMMON LAW IMPLIED REPRESENTATIONS, WARRANTIES AND CONDITIONS OF FITNESS FOR A PURPOSE OR MERCHANTABILITY.
NOTWITHSTANDING ANY OTHER TERM OF THIS AGREEMENT, IN NO EVENT SHALL CUMMINS, ITS OFFICERS, DIRECTORS, EMPLOYEES, OR AGENTS BE LIABLE TO CUSTOMER OR ANY THIRD PARTY FOR ANY INDIRECT, INCIDENTAL, SPECIAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES OF ANY KIND (INCLUDING WITHOUT LIMITATION DOWNTIME, LOSS OF PROFIT OR REVENUE, LOSS OF DATA, LOSS OF OPPORTUNITY, DAMAGE TO GOODWILL, AND DAMAGES CAUSED BY DELAYS) IN ANY WAY RELATED TO OR ARISING FROM CUMMINS' SUPPLY OF PARTS OR SERVICES UNDER THIS AGREEMENT. IN NO EVENT SHALL CUMMINS' LIABILITY TO CUSTOMER OR ANY THIRD PARTY CLAIMING DIRECTLY THROUGH CUSTOMER OR ON CUSTOMER'S BEHALF UNDER THIS AGREEMENT EXCEED THE TOTAL COST OF PARTS AND SERVICES SUPPLIED BY CUMMINS UNDER THIS AGREEMENT. BY ACCEPTANCE OF THIS AGREEMENT, CUSTOMER ACKNOWLEDGES CUSTOMER'S SOLE REMEDY AGAINST CUMMINS FOR ANY LOSS SHALL BE THE REMEDY PROVIDED HEREIN.

7. INDEMNITY. Customer shall indemnify, defend and hold harmless Cummins from and against any and all claims, actions, costs, expenses, damages and liabilities, including reasonable attorneys' fees, brought against or incurred by Cummins related to or arising out of this Agreement or the Services supplied under this Agreement (collectively, the ('Claims'), where such Claims were caused or contributed to by, in whole or in part, the acts, omissions, fault or negligence of the Customer. Customer shall present any Claims covered by this indemnity to its insurance carrier unless Cummins directs that the defense will be handled by Cummins' legal counsel at Customer's expense.

8. CONFIDENTIALITY. Each party shall keep confidential any information received from the other that is not generally known to the public and at the time of disclosure, would reasonably be understood by the receiving party to be proprietary or confidential, whether disclosed in oral, written, visual, electronic or other form, and which the receiving party (or agents) learns in connection with this Agreement including, but not limited to: (a) business plans, strategies, sales, projects and analyses; (b) financial information, pricing, and fee structures; (c) business processes, methods and models; (d) employee and supplier information; (e) specifications; and (f) the terms and conditions of this Agreement. Each party shall take necessary steps to ensure compliance with this provision by its employees and agents.

9. GOVERNING LAW. This Agreement and all matters arising hereunder shall be governed by and construed in accordance with the laws of the State of Indiana without giving effect to any choice or conflict of law provision. The parties agree that the courts of the State of Indiana shall have exclusive jurisdiction to settle any dispute or claim arising in connection with this Agreement.

10. INSURANCE. Upon Customer's request, Cummins will provide to Customer a Certificate of Insurance evidencing Cummins' relevant insurance coverage.

11. ASSIGNMENT. This Agreement shall be binding on the parties and their successors and assigns. Customer shall not assign this Agreement without the prior written consent of Cummins.

12. INTELLECTUAL PROPERTY. Any intellectual property rights created by either party, whether independently or jointly, in the course of the performance of this Agreement or otherwise related to Cummins pre-existing intellectual property or subject matter related thereto, shall be Cummins' property. Customer agrees to assign, and does hereby assign, all right, title, and interest to such intellectual property to Cummins. Any Cummins pre-existing intellectual property shall remain Cummins' property. Nothing in this Agreement shall be deemed to have given Customer a licence or any other rights to use any of the intellectual property rights of Cummins.

13. MISCELLANEOUS. Cummins shall be an independent contractor with respect to the Services performed under this Agreement. All notices under this Agreement shall be in writing and be delivered personally, mailed via first class certified or registered mail, or sent by a nationally recognized express courier service to the addresses set forth in the Quote. No amendment of this Agreement shall be valid unless it is writing and signed by the parties hereto. Failure of either party to require performance by the other party of any provision hereof shall in no way affect the right to require such performance at any time thereafter, nor shall the waiver by a party of a breach of any of the provisions hereof constitute a waiver of any succeeding breach. Any provision of this Agreement that is invalid or unenforceable shall not affect the validity or enforceability of the remaining terms hereof.

14. ON-CALL SERVICES. Upon Customer's request, Cummins shall provide on-call services (repair, emergency work or other) on the Equipment ('On-call Services'). Any On-call Services shall be invoiced to the Customer at the Cummins current hour rate (including traveling) and shall be governed by the terms and conditions of this Agreement.

Sales and Service

2/10/2021

CITY OF DE PERE
925 S 6TH ST
DE PERE, WI 54115
RE: Planned Maintenance Proposal

Dear Tom Blohowiak,

Cummins Sales and Service is a premier engine and power generation systems provider committed to delivering fast and proven solutions to our customers. We are pleased to offer you a Planned Maintenance Proposal for your review and approval. Due to the critical nature of your standby power system, this Agreement was developed based on your specific needs and equipment to ensure maximum performance and reliability.

Benefits of Planned Maintenance

- Improves system reliability.
- Maintenance performed by certified technicians specifically trained in power generation.
- PM customers receive preferred service for unscheduled emergency repairs.
- Creation of a service record for customer equipment.
- Additional maintenance recommendations documented at that time.
- Scheduling managed by Cummins Sales and Service to ensure timely maintenance intervals.
- Eliminates administrative burden, covers equipment from multiple vendors.

Please sign, date and return the enclosed Agreement to our office along with any purchase documentation necessary so we can tend to your servicing needs. Planned Maintenance Agreements are "auto-renewed" annually prior to the end of your agreement. Should you have any questions or require additional information on this or any other subject relating to your equipment, please feel free to contact me. We look forward to the opportunity to earn your trust and business.

Sincerely,

Michael Obermann

Michael Obermann
Planned Maintenance Sales
Office: (920) 338-5903
Cell:
Email: michael.obermann@cummins.com

Sales and Service

Cummins Inc.
939 Lawrence Drive
De Pere, WI 54115
Phone: (920) 336-9631
Fax: 1-888-230-6699

PLANNED EQUIPMENT MAINTENANCE AGREEMENT

Customer Address	Customer Contact	Quote Information	
CITY OF DE PERE	Name: Tom Blohowiak	Quote Date:	2/10/2021
925 S 6TH ST	Phone: (920) 339-4050	Quote Expires:	4/11/2021
DE PERE, WI 54115	Cell:	Quote ID:	QT-7938
Customer #: 70434	Fax:	Quoted By:	Michael Obermann
Payment Type: Pay As You Go	E-mail: tblohowiak@deperewi.gov	Quote Term:	5 Year

Site Name: MSC
(925 S 6TH ST DE PERE WI 54115)

Unit Name: MSC unit
Make: Cummins
Model: 30DDA-15R-14D
S/N: G810582827
Size: 30kW
ATS Qty: 1
Notes:

Year	Month of 1st Service	Service Type	Qty	Sell Price	Extended Price
1	May	Inspection	1	$230.11	$230.11
1	November	Full Service	1	$462.11	$462.11
1	November	Loadbank (2 Hrs)	1	$541.21	$541.21
				Year 1 Total:$1,233.43	
2	May	Inspection	1	$236.91	$236.91
2	November	Full Service	1	$475.87	$475.87
2	November	Battery	1	$143.93	$143.93
				Year 2 Total:$856.71	
3	May	Inspection	1	$243.91	$243.91
3	November	Full Service	1	$490.04	$490.04
				Year 3 Total:$733.95	
4	May	Inspection	1	$251.12	$251.12
4	November	Full Service	1	$504.64	$504.64
4	November	Battery	1	$152.70	$152.70
				Year 4 Total:$908.46	
5	May	Inspection	1	$258.55	$258.55
5	November	Full Service	1	$519.67	$519.67
				Year 5 Total:$778.22	

Unit Name: Trailer 43
Make: Kohler
Model: 35REOZT4
S/N: 33F6GMGL0002
Size: 35kW
ATS Qty: 1
Notes:

Year	Month of 1st Service	Service Type	Qty	Sell Price	Extended Price
1	May	Inspection	1	$168.30	$168.30
1	November	Full Service	1	$359.11	$359.11
1	November	Loadbank (2 Hrs)	1	$458.81	$458.81
				Year 1 Total:$986.22	
2	May	Inspection	1	$173.24	$173.24
2	November	Full Service	1	$369.78	$369.78
2	November	Battery	1	$122.71	$122.71
				Year 2 Total:$665.73	
3	May	Inspection	1	$178.34	$178.34
3	November	Full Service	1	$380.77	$380.77
				Year 3 Total:$559.11	
4	May	Inspection	1	$183.58	$183.58
4	November	Full Service	1	$392.08	$392.08
4	November	Battery	1	$130.19	$130.19

				Year 4 Total:$705.85	
5	May	Inspection	1	$188.98	$188.98
5	November	Full Service	1	$403.74	$403.74
				Year 5 Total:$592.72	

Unit Name: Trailer 68
Make: Kohler
Model: 175REOZT4
S/N: 337NGMHM0002
Size: 175kW
ATS Qty: 1
Notes:

Year	Month of 1st Service	Service Type	Qty	Sell Price	Extended Price
1	May	Inspection	1	$219.81	$219.81
1	November	Full Service	1	$550.70	$550.70
1	November	Loadbank (2 Hrs)	1	$507.81	$507.81
				Year 1 Total:$1,278.32	
2	May	Inspection	1	$226.30	$226.30
2	November	Full Service	1	$567.12	$567.12
2	November	Battery	1	$281.00	$281.00
				Year 2 Total:$1,074.42	
3	May	Inspection	1	$232.98	$232.98
3	November	Full Service	1	$584.02	$584.02
				Year 3 Total:$817.00	
4	May	Inspection	1	$239.87	$239.87
4	November	Full Service	1	$601.44	$601.44
4	November	Battery	1	$298.12	$298.12
				Year 4 Total:$1,139.43	
5	May	Inspection	1	$246.96	$246.96
5	November	Full Service	1	$619.38	$619.38
				Year 5 Total:$866.34	

Year 1 Total:*	$3,497.97
Year 2 Total:*	$2,596.86
Year 3 Total:*	$2,110.06
Year 4 Total:*	$2,753.74
Year 5 Total:*	$2,237.28
Total Agreement Amount:*	~~**$13,195.87**~~

Quote does not include applicable taxes

$13,195.91

Sales and Service

Cummins Inc.
939 Lawrence Drive
De Pere, WI 54115
Phone: (920) 336-9631

PLANNED EQUIPMENT MAINTENANCE AGREEMENT

Customer Address	Customer Contact	Quote Information	
CITY OF DE PERE	Name: Tom Blohowiak	Quote Date:	2/10/2021
925 S 6TH ST	Phone: (920) 339-4050	Quote Expires:	4/11/2021
DE PERE, WI 54115	Cell:	Quote ID:	QT-7938
Customer #: 70434	Fax:	Quoted By:	Michael Obermann
Payment Type: Pay As You Go	E-mail: tblohowiak@deperewi.gov	Quote Term:	5 Year

Total Agreement Amount:* **$13,195.87**

Quote does not include applicable taxes

Comment:

***INVOICES ARE SENT AS SERVICES ARE RENDERED

***CUSTOMER CAN CANCEL AT ANY TIME AT ZERO COST

Total Agreement Amount Does Not Include Applicable Taxes. Please call (651) 636-1000 for invoice total prior to sending payment.

Planned Equipment Maintenance Agreements are designed with an automatic renewal provision. Details of this provision are listed in the "Planned Equipment Maintenance Agreement Terms and Conditions". If you do not wish to participate in the auto renew option, please check the box below to opt out.

☐ Opt out of Automatic Renewal.

Selection Required for Load Bank Test

Readings will be taken every 15 minutes, unless otherwise specified.

*If no selection is made, we will perform this option by default

☐ *30% of the EPS nameplate kW rating for 30 minutes, followed by 50% of the EPS nameplate kW rating for 30 minutes, followed by 75% of the EPS nameplate kW rating for 60 minutes for a total of 2 continuous hours

☐ 80% of the EPS nameplate kW rating for 2 continuous hours

☐ Other – Please Specify _____

Please return signed agreement to:
Cummins Inc.
1600 Buerkle Road
White Bear Lake, MN 55110
p: (651) 636-1000
fax: (888) 230-6699

Seller hereby agrees to sell to Buyer, and Buyer hereby agrees to buy from Seller, the foregoing products/services upon the terms and conditions set forth in the "Planned Equipment Maintenance Agreement Terms and Conditions" attached hereto, which are hereby incorporated herein by reference.

Customer Approval (Quote ID QT-7938)	Cummins Inc. Approval
Signature:_____	Signature:_____
Date: _____	Date: _____

PLANNED MAINTENANCE AGREEMENT TERMS AND CONDITIONS

These Planned Maintenance Agreement Terms and Conditions, together with the Quote on the front side and the Scope of Services, are hereinafter referred to as this "Agreement" and shall constitute the entire agreement between the customer identified in the Quote ("Customer") and Cummins Inc. ("Cummins") and supersede any previous agreement or understanding (oral or written) between the parties with respect to the subject matter of this Agreement. No prior inconsistent course of dealing, course of performance, or usage of trade, if any, constitutes a waiver of or serves to explain or interpret this Agreement. Electronic transactions between Customer and Cummins will be solely governed by this Agreement, and any terms and conditions on Customer's website or other internet site will be null and void and of no legal effect on Cummins. In the event Customer delivers, references, incorporates by reference, or produces any purchase order or document, any terms and conditions related thereto shall be null and void and of no legal effect on Cummins.

1. SCOPE OF SERVICES; PERFORMANCE OF SERVICES. Cummins shall perform the maintenance ("Services") on the equipment identified in the Quote ("Equipment") in accordance with the schedule specified in the Quote. The Services include those services defined in the "Service Event" section of the Quote. No additional services or materials are included in this Agreement unless agreed upon by the parties in writing. Unless otherwise indicated in the Quote, Cummins will provide the labor and tools necessary to perform the Services and shall keep Customer's property free from accumulation of waste materials caused by Cummins' operations. Either party may terminate this Agreement with or without cause by providing thirty (30) days written notice to the other.

2. CUSTOMER OBLIGATIONS. Customer shall provide Cummins safe access to Customer's site and arrange for all related services and utilities necessary for Cummins to perform the Services. During the performance of the Services, Customer shall fully and completely secure all or any part of any facility where the Equipment is located to remove and mitigate any and all safety issues and risks, including but not limited to facility occupants, customers, invitees, or any third party and or property damage or work interruption arising out of the Services. Customer shall make all necessary arrangement to address and mitigate the consequences of any electrical service interruption which might occur during the Services. CUSTOMER IS RESPONSIBLE FOR OPERATING AND MAINTAINING THE EQUIPMENT IN ACCORDANCE WITH THE OWNER'S MANUAL FOR THE EQUIPMENT.

3. PAYMENT TERMS. Unless otherwise agreed to by the parties in writing and subject to credit approval by Cummins, payments are due thirty (30) days from the date of the invoice. If Customer does not have approved credit with Cummins, as solely determined by Cummins, payments are due in advance or at the time of supply of the Services. If payment is not received when due, in addition to any rights Cummins may have at law, Cummins may charge Customer eighteen percent (18%) interest annually on late payments, or the maximum amount allowed by law. Customer agrees to pay all Cummins' costs and expenses (including all reasonable attorneys' fees) related to Cummins' enforcement and collection of unpaid invoices, or any other enforcement of this Agreement by Cummins. Unless otherwise stated, the Quote excludes all applicable local, state, or federal sales and/or use or similar taxes which Cummins is required by applicable laws to collect from Customer and shall be stated on the invoice.

4. DELAYS. Any performance dates indicated in this Agreement are estimated and not guaranteed. Cummins shall not be liable for any delays in performance however occasioned, including any that result directly or indirectly from acts of Customer or causes beyond Cummins' control, including but not limited to acts of God, accidents, fire, explosions, flood, unusual weather conditions, acts of government authority, or labor disputes. *AS A RESULT OF THE OUTBREAK OF THE DISEASE COVID-19 ARISING FROM THE NOVEL CORONAVIRUS, TEMPORARY DELAYS IN DELIVERY, LABOUR OR SERVICES FROM CUMMINS AND ITS SUB-SUPPLIERS OR SUBCONTRACTORS MAY OCCUR. AMONG OTHER FACTORS, CUMMINS' DELIVERY OBLIGATIONS ARE SUBJECT TO CORRECT AND PUNCTUAL SUPPLY FROM OUR SUB-SUPPLIERS OR SUBCONTRACTORS, AND CUMMINS RESERVES THE RIGHT TO MAKE PARTIAL DELIVERIES OR MODIFY ITS LABOUR OR SERVICE. WHILE CUMMINS SHALL MAKE EVERY COMMERCIALLY REASONABLE EFFORT TO MEET THE DELIVERY, SERVICE OR COMPLETION OBLIGATIONS SET FORTH HEREIN, SUCH DATES ARE SUBJECT TO CHANGE.*

5. WARRANTY. Cummins shall perform the Services in a reasonable and workmanlike manner. Parts and components supplied under this Agreement are governed by the express written manufacturer's limited warranty. No other warranty for parts or components is provided under this Agreement. All Services shall be free from defects in workmanship for a period of ninety (90) days after completion of Services. In the event of a warrantable defect in workmanship of Services supplied under this Agreement ("Warrantable Defect"), Cummins' obligation shall be solely limited to correcting the Warrantable Defect. Cummins shall correct the Warrantable Defect where (i) such Warrantable Defect becomes apparent to Customer during the warranty period; (ii) Cummins receives written notice of any Warrantable Defect within thirty (30) days following discovery by Customer; and (iii) Cummins has determined that there is a Warrantable Defect. Warrantable Defects remedied under this provision shall be subject to the remaining warranty period of the original warranty of the Services. New parts supplied during the remedy of Warrantable Defects are warranted for the balance of the warranty period still available from the original warranty of such parts. The remedies set forth in this Section 5 shall not be deemed to have failed of their essential purpose so long as Cummins is willing to correct defective Services or refund the purchase price therefor.

6. LIMITATIONS OF WARRANTIES AND LIABILITY. THE REMEDIES PROVIDED IN THE LIMITED WARRANTY AND THIS AGREEMENT ARE THE SOLE AND EXCLUSIVE WARRANTIES AND REMEDIES PROVIDED BY CUMMINS TO THE CUSTOMER UNDER THIS AGREEMENT. EXCEPT AS SET OUT IN THE WARRANTY AND THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY LAW, CUMMINS EXPRESSLY DISCLAIMS ALL OTHER REPRESENTATIONS, WARRANTIES, ENDORSEMENTS, AND CONDITIONS OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY STATUTORY OR COMMON LAW IMPLIED REPRESENTATIONS, WARRANTIES AND CONDITIONS OF FITNESS FOR A PURPOSE OR MERCHANTABILITY.

NOTWITHSTANDING ANY OTHER TERM OF THIS AGREEMENT, IN NO EVENT SHALL CUMMINS, ITS OFFICERS, DIRECTORS, EMPLOYEES, OR AGENTS BE LIABLE TO CUSTOMER OR ANY THIRD PARTY FOR ANY INDIRECT, INCIDENTAL, SPECIAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES OF ANY KIND (INCLUDING WITHOUT LIMITATION DOWNTIME, LOSS OF PROFIT OR REVENUE, LOSS OF DATA, LOSS OF OPPORTUNITY, DAMAGE TO GOODWILL, AND DAMAGES CAUSED BY DELAYS) IN ANY WAY RELATED TO OR ARISING FROM CUMMINS' SUPPLY OF PARTS OR SERVICES UNDER THIS AGREEMENT. IN NO EVENT SHALL CUMMINS' LIABILITY TO CUSTOMER OR ANY THIRD PARTY CLAIMING DIRECTLY THROUGH CUSTOMER OR ON CUSTOMER'S BEHALF UNDER THIS AGREEMENT EXCEED THE TOTAL COST OF PARTS AND SERVICES SUPPLIED BY CUMMINS UNDER THIS AGREEMENT. BY ACCEPTANCE OF THIS AGREEMENT, CUSTOMER ACKNOWLEDGES CUSTOMER'S SOLE REMEDY AGAINST CUMMINS FOR ANY LOSS SHALL BE THE REMEDY PROVIDED HEREIN.

7. INDEMNITY. Customer shall indemnify, defend and hold harmless Cummins from and against any and all claims, actions, costs, expenses, damages and liabilities, including reasonable attorneys' fees, brought against or incurred by Cummins related to or arising out of this Agreement or the Services supplied under this Agreement (collectively, the ("Claims"), where such Claims were caused or contributed to by, in whole or in part, the acts, omissions, fault or negligence of the Customer. Customer shall present any Claims covered by this indemnity to its insurance carrier unless Cummins directs that the defense will be handled by Cummins' legal counsel at Customer's expense.

8. CONFIDENTIALITY. Each party shall keep confidential any information received from the other that is not generally known to the public and at the time of disclosure, would reasonably be understood by the receiving party to be proprietary or confidential, whether disclosed in oral, written, visual, electronic or other form, and which the receiving party (or agents) learns in connection with this Agreement including, but not limited to: (a) business plans, strategies, sales, projects and analyses; (b) financial information, pricing, and fee structures; (c) business processes, methods and models; (d) employee and supplier information; (e) specifications; and (f) the terms and conditions of this Agreement. Each party shall take necessary steps to ensure compliance with this provision by its employees and agents.

9. GOVERNING LAW. This Agreement and all matters arising hereunder shall be governed by and construed in accordance with the laws of the State of Indiana without giving effect to any choice or conflict of law provision. The parties agree that the courts of the State of Indiana shall have exclusive jurisdiction to settle any dispute or claim arising in connection with this Agreement.

10. INSURANCE. Upon Customer's request, Cummins will provide to Customer a Certificate of Insurance evidencing Cummins' relevant insurance coverage.

11. ASSIGNMENT. This Agreement shall be binding on the parties and their successors and assigns. Customer shall not assign this Agreement without the prior written consent of Cummins.

12. INTELLECTUAL PROPERTY. Any intellectual property rights created by either party, whether independently or jointly, in the course of the performance of this Agreement or otherwise related to Cummins pre-existing intellectual property or subject matter related thereto, shall be Cummins' property. Customer agrees to assign, and does hereby assign, all right, title, and interest to such intellectual property to Cummins. Any Cummins pre-existing intellectual property shall remain Cummins' property. Nothing in this Agreement shall be deemed to have given Customer a licence or any other rights to use any of the intellectual property rights of Cummins.

13. MISCELLANEOUS. Cummins shall be an independent contractor with respect to the Services performed under this Agreement. All notices under this Agreement shall be in writing and be delivered personally, mailed via first class certified or registered mail, or sent by a nationally recognized express courier service to the addresses set forth in the Quote. No amendment of this Agreement shall be valid unless it is writing and signed by the parties hereto. Failure of either party to require performance by the other party of any provision hereof shall in no way affect the right to require such performance at any time thereafter, nor shall the waiver by a party of a breach of any of the provisions hereof constitute a waiver of any succeeding breach. Any provision of this Agreement that is invalid or unenforceable shall not affect the validity or enforceability of the remaining terms hereof.

14. ON-CALL SERVICES. Upon Customer's request, Cummins shall provide on-call services (repair, emergency work or other) on the Equipment ("On-call Services"). Any On-call Services shall be invoiced to the Customer at the Cummins current hour rate (including traveling) and shall be governed by the terms and conditions of this Agreement.

15. To the extent applicable, this contractor and subcontractor shall abide by the requirements of 41 CFR §§ 60-1.4(a), 60-300.5(a) and 60-741.5(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities and prohibit discrimination against all individuals based on their race, color, religion, sex, sexual orientation, gender identity or national origin. Moreover, these regulations require that covered prime contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, protected veteran status or disability. The employee notice requirements set forth in 29 CFR Part 471, Appendix A to Subpart A, are hereby incorporated by reference into this contract.

Scope of Services

Power Generation System
Planned Maintenance

INSPECTION
MONTHLY, QUARTERLY, OR ONE-TIME PER YEAR

Battery & Battery Charger System
- Check battery charger functions
- Cable connections, termination cleanliness and security
- Check electrolyte level, vent caps of all cells in the starting batteries
- Battery conductance test

Fuel System
- Inspect main tank / day tank fuel level
- Inspect day tank controls and pumps. Test operate day tank controls (where available)
- Inspect all fuel hoses, clamps, pipes, components, and fittings
- Inspect governor linkage
- Visually inspect rupture / containment basin
- Water in Fuel Test - Sub-base, day tanks
- Optional - fuel sample for laboratory analysis*

Engine Cooling System
- Inspect all hoses and clamps for leaks, coolant level, and condition
- Inspect radiator cap and filler neck condition
- Inspect drive belts, observe alignment and deflection
- Observe coolant heater operations
- Utilize DCA test strip to record coolant properties
- Inspect radiator surfaces, shrouds, and barriers, for obstruction
- Visually inspect low temperature after cooler coolant
- Optional - coolant sampling*

Engine & Lubrication System
- Inspect lubrication system (visually check oil level)
- Inspect crankcase ventilation system
- Inspect spark ignited ignition system
- Oil sample for laboratory analysis when recommended

Intake / Exhaust System
- Inspect air cleaner element and entire intake system
- Inspect exhaust system and rain cap
- Inspect louver operations

Generator Controls & Power Connections
- Visually inspect all engine mounted wiring, senders, and devices
- Visually inspect all control mounted components and wiring
- Lamp test all lights and indicators
- Visually inspect breaker and power connections
- Manually operate generator main breaker(s) open and closed**

**NOTE: Will not exercise breakers or contactors on a paralleling device

Generator Operations
- Start and observe generator and equipment operations
- Verify engine and generator safeties for proper operation
- System test with or without load

Automatic Transfer Switch
Paralleling Switchgear, Bypass Switchgear, Manual Transfer Switches
- Visually inspect all power and control wiring
- Visually inspect switch mechanism and enclosure
- Visually inspect controls and time delays settings
- Verify function of exercise clock

FULL SERVICE
INCLUDES INSPECTION

Operational & Functional Review of Generator Critical Components
- Inspect engine cooling fan & fan drives for excessive wear or shaft wobble
- Check all pulleys, belt tensioners, slack adjusters & idler pulleys for travel, wear & overall condition
- Inspect / lubricate drive bearings, gear or belt drives, and other shaft connecting hardware

Lubrication Oil & Filtration Service
- Change engine lubrication oil
- Change primary lubrication and bypass filters
- Change fuel filters
- Post lube services operations of genset (unloaded) at rated temperature

*Additional Charge
Any additional repairs, parts, or service which are required will be brought to the attention of the owner. Repairs will only be made after proper authorization from the owner is given to Cummins. Any additional repairs, maintenance or service performed by Cummins or a Planned Maintenance Agreement holder will be at current Cummins labor rates.

Total Energy Systems, LLC

City of De Pere
Tom Blohowiak
335 S Broadway
De Pere, WI 54115
920-339-4060
tblohowiak@deperewi.gov

Planned Maintenance Agreement

Estimate Number: **0271-A-021**

Estimate Date: **February 5, 2021**

Total Energy Systems, LLC is pleased to submit the following generator maintenance program. We understand that our customers have different maintenance needs. With that in mind we have developed a few basic maintenance plans which can be altered to fit your requirements.

- **Annual Service:** We will visit the site one time per year. During the visit we will replace all applicable oil and fuel filters and complete a three page maintenance checklist which includes visual inspections, functional testing, and securing connections on the generator and transfer switch.
- **Semi Annual Inspection Adder:** Total Energy Systems will return to the site six months following the annual service planned maintenance to complete the maintenance checklist described in the Annual Service.
- **Fluid Sampling with PM Adder:** Fuel, oil and coolant fluid sample analysis is recommended within the generator service industry by all major OEM's and will likely detect any internal issues that are unable to be caught on a visual inspection or through routine planned services. Sample analysis reports are sent directly to the customer roughly two weeks from being drawn.
- **Custom Service:** Total Energy Systems has the ability to work with all of our customers to fit there needs. We can visit sites annually, semi-annually, quarterly, monthly etc. With the ability to adapt we can meet your service requirements.
- **Load Bank Testing:** Load banking is the only true way to exercise the entire generator. Standard exercising, or starting the unit and running the engine with no load transfer, exercises only the engine. JCAHO and NFPA 110 mandates load bank testing (specific conditions apply). The load bank testing will be completed during a scheduled Planned Maintenance visit.

Site #	*Model*	*Serial Number*	*Location*
1	60RZG	0684186	Fire Station #1 501 S. Washington St
2	35REOZT4	33F6GMGL0002	Towable #34 925 S. 6th St
3	175REOZT4	337NGMHM0002	Towable #86 925 S. 6th St
4	45RH	065170	Fire Station #2 1180 Grant St
5	30DDA	G810582527	Main Service Center 925 S. 6th St

THREE UNIQUES:

SINGULARLY FOCUSED,
HISTORY/TENURE & CUSTOMIZATION

Fire Station #1	1st Year	2nd Year	3rd Year	4th Year	5th Year
Annual Maintenance	$345.00	$345.00	$345.00	$370.00	$370.00
Two Hour Load Bank	$550.00				
Fluid Sampling w/ PM Visit	$50.00	$50.00	$50.00	$60.00	$60.00
Semi-Annual Inspection	$200.00	$200.00	$200.00	$215.00	$215.00
Battery Replacement w/ PM	$215.00 →			$215.00	

Towable #34	1st Year	2nd Year	3rd Year	4th Year	5th Year
Annual Maintenance	$345.00	$345.00	$345.00	$370.00	$370.00
Two Hour Load Bank	$550.00				
Fluid Sampling w/ PM Visit	$160.00	$160.00	$160.00	$185.00	$185.00
Semi-Annual Inspection	$200.00	$200.00	$200.00	$215.00	$215.00
Battery Replacement w/ PM	$255.00		$255.00		$255.00

Towable #86	1st Year	2nd Year	3rd Year	4th Year	5th Year
Annual Maintenance	$750.00	$750.00	$750.00	$795.00	$795.00
Two Hour Load Bank	$600.00				
Fluid Sampling w/ PM Visit	$160.00	$160.00	$160.00	$185.00	$185.00
Semi-Annual Inspection	$200.00	$200.00	$200.00	$215.00	$215.00
Battery Replacement w/ PM	$430.00		$430.00		$430.00

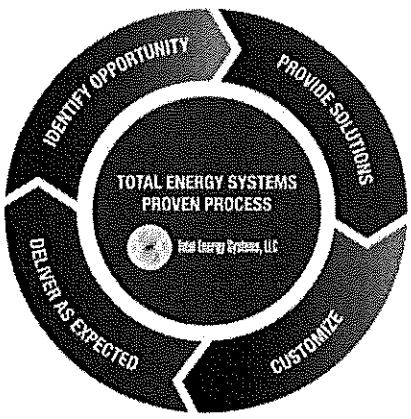
Fire Station #2	1st Year	2nd Year	3rd Year	4th Year	5th Year
Annual Maintenance	$345.00	$345.00	$345.00	$370.00	$370.00
Two Hour Load Bank	$550.00				
Fluid Sampling w/ PM Visit	$50.00	$50.00	$50.00	$60.00	$60.00
Semi-Annual Inspection	$200.00	$200.00	$200.00	$215.00	$215.00
Battery Replacement w/ PM	$255.00 →			$255.00	

Main Service Center	1st Year	2nd Year	3rd Year	4th Year	5th Year
Annual Maintenance	$345.00	$345.00	$345.00	$370.00	$370.00
Two Hour Load Bank	$550.00				
Fluid Sampling w/ PM Visit	$160.00	$160.00	$160.00	$185.00	$185.00
Semi-Annual Inspection	$200.00	$200.00	$200.00	$215.00	$215.00
Battery Replacement w/ PM	$255.00		$255.00		$255.00

Terms and Conditions:
Prices are FOB Green Bay, WI our dock. Payment terms are Net 30 days (subject to credit approval). Quotation is valid for 60 days. Prices do not include any applicable sales or use taxes.

Spencer VerVelde

www.totalenergysystems.com



Total Energy Systems, LLC

2211 American Blvd.
DePere, WI 54115

8525 N. 87th St.
Milwaukee, WI 54115

4324 Airlane Dr. SE
Grand Rapids, MI 49512

9330 James Avenue S
Bloomington, MN 55431

29905 Anthony Dr.
Wixom, MI 48393

Phone: 888-548-1400
Email: service@totalenergysystems.com

PLANNED MAINTENANCE AGREEMENT

This planned maintenance agreement is entered into by **TOTAL ENERGY SYSTEMS** of Green Bay / Milwaukee, Wisconsin and the Generator Set owner named below for the purpose of maintaining the standby generator set(s) and associated equipment listed below, and to minimize the necessity of emergency attention, thus assuring efficient upkeep practices by trained technical personnel at a minimum cost.

After each planned maintenance inspection, a checklist will be submitted to the owner, advising that the work has been performed and indicating what additional parts and labor are required, if any. For this purpose, any parts and/or labor required not specifically included on the attached checklist, will be charged to the generator set owner at regular rates then in effect.

It is understood that this agreement does not include any parts, labor, or travel expenses to repair damage caused by abuse, neglect, accident, theft, acts of a third person, forces of nature, or altering the equipment. This agreement does not include any major engine failure or generator overhaul. This will be negotiated under a separate purchase order. **TOTAL ENERGY SYSTEMS** shall not be responsible for failure to render the service for causes beyond its control, including strikes and labor disputes. This agreement is not assignable without the consent of **TOTAL ENERGY SYSTEMS** and will remain in force until cancelled by either party through written notice to the other.

TOTAL ENERGY SYSTEMS shall have no responsibility to the owner for special consequential damages, including loss of time, injury to person or property or any other consequential damage or incidental or economic loss. All other warranties, expressed and implied, including merchantability and fitness for a particular purpose, are hereby waived, disclaimed and excluded.

Please indicate the service(s) you would like Total Energy Systems, LLC to perform:

- ☐ Annual Maintenance
- ☐ Semi Annual Inspections
- ☐ Fluid Sampling w/ PM
- ☐ Generator Monitoring
- ☐ Fuel Polishing
- ☐ Thermal Imaging
- ☐ Two Hour Load Bank Test
- ☐ Four Hour Load Bank Test
- ☐ NFPA 110 2/2/4 Hour Load Bank Test
- ☐ Temporary Power during Maintenance
- ☐ ATS Maintenance
- ☐ Battery Replacement W/ PM Every 3rd Year

Please indicate the month you would like the Maintenance work completed: _____

Please indicate the length of the agreement you would like: _____ **Year(s)** or ☐ T&M (Market Price)

IT IS MUTUALLY UNDERSTOOD THAT THIS PROPOSAL SETS FORTH OUR ENTIRE AGREEMENT

Customer pre-authorizes Total Energy Systems to perform additional service work on each visit (if required) as long as said work does not exceed $_____. (use 0.00 if not authorizing) Authorized initials:_____. If additional work will exceed the maximum as stated, an estimate for additional work will be generated and should be forwarded to: (Name, Address, Email)

Customer:

Purchase Order:

Signature: _____ **DATE:** ___/___/_____

City of De Pere, Wisconsin

Request For Board of Public Works Action

MEETING DATE:	**March 8, 2021**
DEPARTMENT:	**Board of Public Works**
FROM:	**Eric Rakers**
SUBJECT:	**Consideration and possible action on award of Contract 21-03 Sewer Lining***

ATTACHMENTS:

- 2021 0308 CI_BOPW_Award_21-03 (DOCX)
- 2021 0225 Project 21-03 Bid Tab (PDF)

CITY OF DE PERE
MEMO

To: Honorable Mayor Boyd
Members of the Board of Public Works
From: Eric P. Rakers, P.E., City Engineer
Date: March 8, 2021

RE: **Consideration and possible action on award of Contract 21-03 Sewer Lining***

The Engineering Department received bids on Project 21-03 Sewer Lining on February 25, 2021. The project consists of pipe lining of deteriorated sewers at locations around the City. The bids received are as follows:

Contractor	Amount
Michels Pipe Services	$422,301.00
Visu-Sewer, Inc.	$441,642.25
Insituform Technologies USA, LLC	$556,041.30

The budgeted amount from the capital improvement budget is $516,000. Funding will be from the sewage revenue fund.

Staff's recommendation is to accept the bid from Michels Pipe Services in the amount of $422,301.00.

Attachments:
2021 0225 Project 20-13 Bid Tab (PDF)

DE PERE

PROJECT 21-03 SEWER LINING
BID TAB

ITEM	DESCRIPTION	UNIT	QTY	BIDDER NO. 1 Michels Pipe Services; Michels Corporation UNIT PRICE	BIDDER NO. 1 AMOUNT BID	BIDDER NO. 2 Visu-Sewer Inc UNIT PRICE	BIDDER NO. 2 AMOUNT BID	BIDDER NO. 3 Insituform Technologies USA, LLC UNIT PRICE	BIDDER NO. 3 AMOUNT BID
SS-01	Easement/Alley 30" Sanitary Sewer	LF	724	$ 127.00	$ 91,948.00	$ 155.00	$ 112,220.00	$ 208.00	$ 150,592.00
SS-02	Easement 18" Sanitary Sewer	LF	249	$ 70.00	$ 17,430.00	$ 71.00	$ 17,679.00	$ 82.50	$ 20,542.50
SS-03	Apollo Way 18" Sanitary Sewer	LF	768	$ 54.00	$ 41,472.00	$ 71.00	$ 54,528.00	$ 84.80	$ 65,126.40
SS-04	Lewis Street 12" Sanitary Sewer	LF	929	$ 29.00	$ 26,941.00	$ 27.25	$ 25,315.25	$ 41.60	$ 38,646.40
SS-05	Outward Avenue 8" Sanitary Sewer	LF	1,288	$ 24.00	$ 30,912.00	$ 24.00	$ 30,912.00	$ 29.80	$ 38,382.40
SS-06	South Sixth Street 8" Sanitary Sewer	LF	1,224	$ 24.00	$ 29,376.00	$ 24.00	$ 29,376.00	$ 30.30	$ 37,087.20
SS-07	Wilcox Court 8" Sanitary Sewer	LF	1,277	$ 24.00	$ 30,648.00	$ 24.00	$ 30,648.00	$ 29.60	$ 37,799.20
SS-08	Smits Street 8" Sanitary Sewer	LF	903	$ 24.00	$ 21,672.00	$ 24.00	$ 21,672.00	$ 30.40	$ 27,451.20
SS-09	N. Winnebago Street 8" Sanitary Sewer	LF	908	$ 24.00	$ 21,792.00	$ 24.00	$ 21,792.00	$ 33.20	$ 30,145.60
SS-10	N. Washington Street 8" Sanitary Sewer	LF	863	$ 24.00	$ 20,712.00	$ 24.00	$ 20,712.00	$ 33.50	$ 28,910.50
SS-11	Irwin Street 8" Sanitary Sewer	LF	821	$ 24.00	$ 19,704.00	$ 24.00	$ 19,704.00	$ 29.60	$ 24,301.60
SS-12	Armond Court Easement 8" Sanitary Sewer	LF	311	$ 24.00	$ 7,464.00	$ 24.00	$ 7,464.00	$ 32.10	$ 9,983.10
SS-13	Waubaunuqua Trail 8" Sanitary Sewer	LF	1,145	$ 24.00	$ 27,480.00	$ 24.00	$ 27,480.00	$ 33.50	$ 38,357.50
SS-14	Bypassing 30"/18" Sanitary Sewer (Easement/Alley)	LS	1	$ 13,000.00	$ 13,000.00	$ 12,860.00	$ 12,860.00	$ 4.10	$ 4.10
SS-15	Televising Sanitary Laterals	EA	58	$ 375.00	$ 21,750.00	$ 160.00	$ 9,280.00	$ 150.20	$ 8,711.60
	TOTALS			**$**	**422,301.00**	**$**	**441,642.25**	**$**	**556,041.30**

City of De Pere, Wisconsin

Request For Board of Public Works Action

MEETING DATE:	**March 8, 2021**
DEPARTMENT:	**Board of Public Works**
FROM:	**Eric Rakers**
SUBJECT:	**Consideration and possible action on award of Contract 21-15 Sewer Televising***

ATTACHMENTS:

- 2021 0308 CI_BOPW_Award_21-15 (PDF)
- 2021 0211 Project 21-15 Bid Tab (PDF)

CITY OF DE PERE
MEMO

To: Honorable Mayor Boyd
Members of the Board of Public Works
From: Eric P. Rakers, P.E., City Engineer
Date: March 8, 2021

RE: **Consideration and possible action on award of Contract 21-15 Sewer Televising***

The Engineering Department received bids on Project 21-15 Sewer Televising on February 11, 2021. The bids received are as follows:

Contractor	Amount
Green Bay Pipe & TV, LLC	$40,634.94
Northern Pipe, Inc.	$41,131.63
Great Lakes TV Seal, Inc.	$41,348.32
Speedy Clean, Inc.	$42,727.40
PLC Water Jetting Service, Inc.	$63,387.25
Hydro-Klean, LLC	$200,528.68
Equix Integrity, Inc.	$351,348.34
National Power Rodding Corp.	$372,444.95

The allocated amount from the capital improvement budget is $60,000. Funding will be $50,000 from the storm water utility fund and $10,000 from the sewage revenue fund.

Staff's recommendation is to accept he bid from Green Bay Pipe & TV, LLC in the amount of $40,634.94.

Attachments:
2021 0211 Project 21-15 Bid Tab (PDF)

DE PERE

PROJECT 21-15 SEWER TELEVISING
BID TAB

				BIDDER NO. 1		BIDDER NO. 2		BIDDER NO. 3		BIDDER NO. 4		BIDDER NO. 5		BIDDER NO. 6		BIDDER NO. 7		BIDDER NO. 8	
				Green Bay Pipe & TV		Northern Pipe, Inc		Great Lakes TV Seal, Inc		Speedy Clean, Inc		PLC Water Jetting Service, Inc		Hydro-Klean LLC		Equix Integrity, Inc		National Power Rodding Corp	
ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID
SP-01	Storm Sewer Cleaning (8-27 inch)	LF	47,669	$ 0.30	$ 14,300.70	$ 0.31	$ 14,777.39	$ 0.32	$ 15,254.08	$ 0.32	$ 15,254.08	$ 0.40	$ 19,067.60	$ 0.65	$ 30,984.85	$ 2.65	$ 126,322.85	$ 1.65	$ 78,653.85
SP-02	Storm Sewer Cleaning (30-48 inch)	LF	10,926	$ 0.31	$ 3,387.06	$ 0.31	$ 3,387.06	$ 0.31	$ 3,387.06	$ 0.33	$ 3,605.58	$ 0.40	$ 4,370.40	$ 0.80	$ 8,740.80	$ 4.15	$ 45,342.90	$ 2.10	$ 22,944.60
SP-03	Storm Sewer Cleaning (54 inch and larger)	LF	7,588	$ 0.31	$ 2,352.28	$ 0.31	$ 2,352.28	$ 0.31	$ 2,352.28	$ 0.33	$ 2,504.04	$ 0.40	$ 3,035.20	$ 1.00	$ 7,588.00	$ 6.05	$ 45,907.40	$ 3.00	$ 22,764.00
SP-04	Storm Sewer Heavy Cleaning (8-27 inch)	LF	5,000	$ 0.08	$ 400.00	$ 0.07	$ 350.00	$ 0.05	$ 250.00	$ -	$ -	$ 0.75	$ 3,750.00	$ 3.28	$ 16,400.00	$ 6.40	$ 32,000.00	$ 0.10	$ 500.00
SP-05	Storm Sewer Heavy Cleaning (30-48 inch)	LF	2,000	$ 0.08	$ 160.00	$ 0.07	$ 140.00	$ 0.05	$ 100.00	$ -	$ -	$ 1.50	$ 3,000.00	$ 4.10	$ 8,200.00	$ 8.25	$ 16,500.00	$ 5.00	$ 10,000.00
SP-06	Storm Sewer Heavy Cleaning (54 inch and larger)	LF	1,000	$ 0.08	$ 80.00	$ 0.07	$ 70.00	$ 0.05	$ 50.00	$ -	$ -	$ 5.00	$ 5,000.00	$ 4.75	$ 4,750.00	$ 14.50	$ 14,500.00	$ 10.00	$ 10,000.00
SP-07	Storm Sewer Televising (8-27 inch)	LF	47,669	$ 0.30	$ 14,300.70	$ 0.30	$ 14,300.70	$ 0.30	$ 14,300.70	$ 0.32	$ 15,254.08	$ 0.35	$ 16,684.15	$ 1.77	$ 84,374.13	$ 0.75	$ 35,751.75	$ 3.00	$ 143,007.00
SP-08	Storm Sewer Televising (30-48 inch)	LF	10,926	$ 0.30	$ 3,277.80	$ 0.30	$ 3,277.80	$ 0.30	$ 3,277.80	$ 0.33	$ 3,605.58	$ 0.35	$ 3,824.10	$ 1.85	$ 20,213.10	$ 0.96	$ 10,488.96	$ 4.25	$ 46,435.50
SP-09	Storm Sewer Televising (54 inch and larger)	LF	7,588	$ 0.30	$ 2,276.40	$ 0.30	$ 2,276.40	$ 0.30	$ 2,276.40	$ 0.33	$ 2,504.04	$ 0.35	$ 2,655.80	$ 1.85	$ 14,037.80	$ 0.96	$ 7,284.48	$ 5.00	$ 37,940.00
SP-10	Sewer Pipe Root Cutting (8-72 inch)	LF	1,000	$ 0.05	$ 50.00	$ 0.10	$ 100.00	$ 0.05	$ 50.00	$ -	$ -	$ 1.00	$ 1,000.00	$ 1.00	$ 1,000.00	$ 8.25	$ 8,250.00	$ 0.10	$ 100.00
SP-11	Removal Mineral Deposits	LF	1,000	$ 0.05	$ 50.00	$ 0.10	$ 100.00	$ 0.05	$ 50.00	$ -	$ -	$ 1.00	$ 1,000.00	$ 4.24	$ 4,240.00	$ 9.00	$ 9,000.00	$ 0.10	$ 100.00
	TOTALS			**$**	**40,634.94**	**$**	**41,131.63**	**$**	**41,348.32**	**$**	**42,727.40**	**$**	**63,387.25**	**$**	**200,528.68**	**$**	**351,348.34**	**$**	**372,444.95**

City of De Pere, Wisconsin

Request For Board of Public Works Action

MEETING DATE:	**March 8, 2021**
DEPARTMENT:	**Board of Public Works**
FROM:	**Eric Rakers**
SUBJECT:	**Consideration and possible action on award of Contract 21-20 Commerce Drive Concrete Paving***

ATTACHMENTS:

- 2021 0308 CI_BOPW_Award_21-20 (DOCX)
- 2021 0211 Project 21-20 Bid Tab (PDF)

CITY OF DE PERE
MEMO

To: Honorable Mayor Boyd
Members of the Board of Public Works
From: Eric P. Rakers, P.E., City Engineer
Date: March 8, 2021

RE: **Consideration and possible action on award of Contract 21-20 Commerce Drive Concrete Paving***

The Engineering Department received bids on Project 21-20 Commerce Drive Concrete Paving on February 11, 2021. This work will complete the concrete paving of Commerce Drive that was previously extended under Project 20-20 Commerce Drive Utility and Street Extension. The bids received are as follows:

Contractor	Amount
Sommers Construction Company, Inc.	$93,947.50
Vinton Construction Company	$106,203.90

The budgeted amount for this project is $197,000 from TID 10.

Staff's recommendation is to accept the bid from Sommers Construction Company, Inc. in the amount of $93,947.50.

Attachments:
2021 0211 Project 21-20 Bid Tab (PDF)

DE PERE

PROJECT 21-20 COMMERCE DRIVE CONCRETE PAVING
BID TAB

				BIDDER NO. 1		BIDDER NO. 2	
				Sommers Construction Company, Inc		Vinton Construction Company	
ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID
STREET AND DRAINAGE CONSTRUCTION							
SD-01	Remove Concrete Pavement with Integral Curb	SY	125	$ 7.00	$ 875.00	$ 8.00	$ 1,000.00
SD-02	Provide 1 1/4" Crushed Aggregate Base Course	TON	250	$ 13.00	$ 3,250.00	$ 0.01	$ 2.50
SD-03	Provide 9" Concrete Pavement with Integral Curb	SY	1650	$ 40.25	$ 66,412.50	$ 51.62	$ 85,173.00
SD-04	Provide 24" Integral Curb and Gutter	LF	920	$ 12.00	$ 11,040.00	$ 15.40	$ 14,168.00
SD-05	Provide Asphaltic Concrete Pavement Type 4 LT 58-28 S 2" Upper Layer	TON	20	$ 180.00	$ 3,600.00	$ 0.01	$ 0.20
SD-06	Provide Asphaltic Concrete Pavement Type 3 LT 58-28 S, 2" Lower Layer	TON	20	$ 180.00	$ 3,600.00	$ 0.01	$ 0.20
SD-07	Drilled Dowel Bars	EA	30	$ 6.00	$ 180.00	$ 10.00	$ 300.00
SD-08	Landscaping-Salvaged Topsoil, Seed, Fertilizer, and Mulch	SY	600	$ 4.50	$ 2,700.00	$ 6.25	$ 3,750.00
SPECIAL CONSTRUCTION							
SC-01	Inlet Protection Type D	EA	8	$ 130.00	$ 1,040.00	$ 70.00	$ 560.00
SC-02	Adjust Inlet	EA	5	$ 250.00	$ 1,250.00	$ 250.00	$ 1,250.00
	TOTALS			**$**	**93,947.50**	**$**	**106,203.90**

City of De Pere, Wisconsin

Request For Board of Public Works Action

MEETING DATE:	**March 8, 2021**
DEPARTMENT:	**Board of Public Works**
FROM:	**Eric Rakers**
SUBJECT:	**Consideration and possible action on 2020 Draft Annual Report for the Wisconsin Department of Natural Resources MS4 General Permit***

ATTACHMENTS:

- 2021 0308 CI_BOPW-WDNR MS4 Annual Permit (PDF)
- 1-DRAFT - MS5550-CITY_OF_DE_PERE_2020_MS4_ANNUA (PDF)
- 2-MS4 Activity Summary (PDF)
- 3-INSPECTION CHECKLIST POND (PDF)
- 4-Storm Water Facility Inventory (PDF)
- 5-2020 Map Update Summary (PDF)
- 6-2020 MS4 BASIN UPDATES (PDF)
- 7-MS4 TMDL MAPS (PDF)
- 8-2020 Outfall Update (PDF)
- 9-MAJOR AND MINOR OUTFALLS ID MAPS (PDF)
- 10-2020 Ashwaubenon Creek Changes (PDF)
- 11-2020 East River Basin Changes (PDF)
- 12-2020 Fox River Basin Changes (PDF)
- 13-2020 NEWSC OUTREACH REPORT (PDF)
- 14-2021 0216 Written Storm Water Management Programs_Appendices (PDF)

CITY OF DE PERE
MEMO

To: Honorable Mayor Boyd
Members of the Board of Public Works
From: Eric P. Rakers, P.E., City Engineer
Date: March 8, 2021

RE: **Consider Draft 2020 Annual Report for the Wisconsin Department of Natural Resources MS4 General Permit***

The City has been issued a Wisconsin Pollutant Discharge Elimination System Number WE-S050075-03 permit to discharge storm water from the Wisconsin Department of Natural Resources (WDNR). The City is required to complete an annual report as part of the permit. There are five different components to the permit that the City is responsible to complete during the permit five year cycle. These items include:

- Public Education and Outreach
- Public Involvement and Participation
- Illicit Discharge Detection and Elimination
- Construction Site Pollutant Control
- Post-Construction Storm Water Management
- Pollution Prevention

The Engineering Department has attached the draft Annual Report under MS4 General Permit for the 2020 calendar year and it is attached for your review. The Report identifies activities that the City has completed in 2020 to meet our MS4 General Permit for storm water discharge. Highlights from the 2020 Report include:

- Membership in the Northeast Wisconsin Stormwater Consortium (NEWSC) which helps the City meet the requirements for Public Outreach and Education and Public Involvement and Participation.
- Completed storm water pond construction for Garrity's Glen subdivision on the southwest side of the City.
- Installed storm sewer and/or laterals on Outward Avenue, Voelker Street, Merrill Street, and Quinette Lane to address drainage issues.
- Upsized storm sewer on Merrill Street due to 2019 street flooding.
- Performed extensive swale cleaning and brush clearing in 2020 including the Charles Street swale and Shelly Lane swale
- Cleaned and televised 22,000 linear feet of storm sewer.
- Spring and fall leaf collection.
- Spring and fall brush collection.
- Street sweeping.
- Inspected all storm water management ponds in the City.

For the 2021, permittees are required to develop a written program for meeting MS4 General Permit requirements. This is to be submitted to the WDNR by March 31st, 2021. Staff has prepared a draft written program and it has been attached for your review. The document provides additional detail on the City's storm water management program including how we intend to meet new requirements for Public Education and Outreach and Public Involvement and Participation.

Staff recommends the Board of Public Works approve the Annual Report and Written Storm Water Management Program for submittal to the WDNR.

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

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

Reporting Information

Will you be completing the Annual Report or other submittal type? (•) **Annual Report** ( ) **Other**

Project Name:	CITY OF DE PERE 2020 MS4 ANNUAL REPORT
County:	Brown
Municipality:	De Pere City
Permit Number:	S050075
Facility Number:	31088
Reporting Year:	2020

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 *(S050075-03 General Permit and S058416-04 Madison Area Group Permit shall have a written storm water management program that describes in detail how the permittee intends to comply with the permit requirements for each minimum control measure. Updated programs are due to the department by March 31, 2021.)*
    - 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 *(S050075-03 General Permit and S058416-04 Madison Area Group Permit 2.6.1 - inventory due to the department by March 31, 2021.)*
      - Municipal Storm Water Management Facility (BMP) Inspection and Maintenance Plan *(S050075-03 General Permit and S058416-04 Madison Area Group Permit 2.6.2 – document due to the department by March 31, 2021.)*
  - 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

Do not close your work until you SAVE.

Form 3400-224 (09/20)

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	De Pere City
Facility ID # or (FIN):	31088
Updated Information:	☐ Check to update mailing address information
Mailing Address:	925 S. Sixth Street
Mailing Address 2:	
City:	De Pere
State:	Wisconsin
Zip Code:	54115 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:	Eric
Last Name:	Rakers

☐ Select to ***update*** current contact information

Title:	City Engineer
Mailing Address:	925 S. Sixth St
Mailing Address 2:	
City:	De Pere
State:	WI
Zip Code:	54115 xxxxx or xxxxx-xxxx
Phone Number:	920-339-8304 Ext: xxx-xxx-xxxx
Email:	erakers@mail.de-pere.org

Additional Contacts Information (Optional)

☐ I&E Program

Individual with responsibility for: (Check all that apply)

- [x] IDDE Program
- [x] IDDE Response Procedure Manual
- [ ] Municipal-wide Water Quality Plan
- [ ] Ordinances
- [ ] Pollution Prevention Program
- [ ] Post-Construction Program
- [ ] Winter roadway maintenance

First Name:	Scott
Last Name:	Thoresen
Title:	Public Work Director
Mailing Address:	925 S. Sixth St.
Mailing Address 2:	
City:	De Pere
State:	WI
Zip Code:	54115 xxxxx or xxxxx-xxxx
Phone Number:	920-339-4060 Ext: xxx-xxx-xxxx
Email:	sthoresen@deperewi.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
- [x] Winter roadway maintenance

First Name:	Tony
Last Name:	Fietzer
Title:	StreetSuperintendent
Mailing Address:	925 S. Sixth St.
Mailing Address 2:	
City:	De Pere
State:	WI
Zip Code:	54115 xxxxx or xxxxx-xxxx
Phone Number:	920-339-4060 Ext: xxx-xxx-xxxx
Email:	tfietzer@deperewi.gov

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

◉ Yes ○ No

☑ Public Education and Outreach NEWSC

☑ Public Involvement and Participation 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 (08/19)

Minimum Control Measures- Section 1 : Complete

1. Public Education and Outreach

a. Complete the following information on Public Education and Outreach Activities related to storm water. Select the Delivery Mechanism that best describes how the topics were conveyed to your population. Use the Add Event to add additional entries.

Event Start Date	1/1/2020
Project/Event Name	Good Dog, Good Owner
Delivery Mechanism	Distribution of print media *Active

Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
☐ Illicit discharge detection and elimination ☑ Household hazardous waste disposal/pet waste management/vehicle washing ☐ Yard waste management/pesticide and fertilizer application ☐ Stream and shoreline management ☐ Residential infiltration ☐ Construction sites and post-construction storm water management ☐ Pollution prevention ☐ Green infrastructure/low impact development ☐ Other:	☐ General Public ☐ Public Employees ☑ Residents ☐ Businesses ☐ Contractors ☐ Developers ☐ Industries ☐ Other	1 - 10	○ Yes ○ No

Event Start Date	3/11/2020
Project/Event Name	Storm Water School Presentation
Delivery Mechanism	Educational activity* *Active

Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
☐ Illicit discharge detection and elimination ☑ Household hazardous waste disposal/pet waste management/vehicle washing ☑ Yard waste management/pesticide and fertilizer application ☐ Stream and shoreline management ☐ Residential infiltration ☐ Construction sites and post-construction storm water management ☑ Pollution prevention ☐ Green infrastructure/low impact development ☐ Other:	☑ General Public ☐ Public Employees ☐ Residents ☐ Businesses ☐ Contractors ☐ Developers ☐ Industries ☐ Other	101 +	◉ Yes ○ No

Event Start Date	11/20/2020
Project/Event Name	Turkey Fryer Oil
Delivery Mechanism	Social media post *Active

Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
☑ Illicit discharge detection and elimination ☑ Household hazardous waste disposal/pet waste management/vehicle washing ☐ Yard waste management/pesticide and fertilizer application ☐ Stream and shoreline management ☐ Residential infiltration ☐ Construction sites and post-construction storm water management ☐ Pollution prevention ☐ Green infrastructure/low impact development ☐ Other:	☑ General Public ☐ Public Employees ☐ Residents ☐ Businesses ☐ Contractors ☐ Developers ☐ Industries ☐ Other	Select...	○ Yes ○ No

Event Start Date	9/3/2020
Project/Event Name	Time to Drain your Pool
Delivery Mechanism	Social media post *Active

Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
☑ Illicit discharge detection and elimination ☑ Household hazardous waste disposal/pet waste management/vehicle washing ☐ Yard waste management/pesticide and fertilizer application ☐ Stream and shoreline management ☐ Residential infiltration ☐ Construction sites and post-construction storm water management ☐ Pollution prevention ☐ Green infrastructure/low impact development ☐ Other:	☑ General Public ☐ Public Employees ☐ Residents ☐ Businesses ☐ Contractors ☐ Developers ☐ Industries ☐ Other	Select...	○ Yes ○ No

Event Start Date	6/22/2020
Project/Event Name	Grass Clipping Flyer
Delivery Mechanism	Social media post *Active

Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
☐ Illicit discharge detection and elimination ☐ Household hazardous waste disposal/pet waste management/vehicle washing	☑ General Public ☐ Public Employees ☐ Residents	Select...	○ Yes ○ No

☑ Yard waste management/pesticide and fertilizer application ☐ Stream and shoreline management ☐ Residential infiltration ☐ Construction sites and post-construction storm water management ☐ Pollution prevention ☐ Green infrastructure/low impact development ☐ Other:	☐ Businesses ☐ Contractors ☐ Developers ☐ Industries ☐ Other		

Event Start Date	3/9/2020
Project/Event Name	Resident Questions
Delivery Mechanism	Other *Active

Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
☐ Illicit discharge detection and elimination ☐ Household hazardous waste disposal/pet waste management/vehicle washing ☐ Yard waste management/pesticide and fertilizer application ☐ Stream and shoreline management ☑ Residential infiltration ☐ Construction sites and post-construction storm water management ☐ Pollution prevention ☐ Green infrastructure/low impact development ☑ Other: Sump pumps	☐ General Public ☐ Public Employees ☑ Residents ☐ Businesses ☐ Contractors ☐ Developers ☐ Industries ☐ Other	1 - 10	○ Yes ◉ No

Event Start Date	3/9/2020
Project/Event Name	Soil Erosion Control Permittees
Delivery Mechanism	Targeted group training* *Active

Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
☐ Illicit discharge detection and elimination ☐ Household hazardous waste disposal/pet waste management/vehicle washing ☐ Yard waste management/pesticide and fertilizer application ☐ Stream and shoreline management ☐ Residential infiltration ☑ Construction sites and post-construction storm water management ☐ Pollution prevention ☐ Green infrastructure/low impact development ☐ Other:	☐ General Public ☐ Public Employees ☐ Residents ☐ Businesses ☑ Contractors ☐ Developers ☐ Industries ☐ Other	1 - 10	○ Yes ◉ No

b. Brief explanation on Public Education and Outreach reporting. *Limit response to 250 characters and/or attach supplemental information on the attachments page.*

Missing Information

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

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

Form 3400-224 (09/20)

Minimum Control Measures - Section 2 : Complete

2. Public Involvement and Participation

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

Event Start Date	3/9/2020
Project/Event Name	Board of Public Works Meeting
Delivery Mechanism	Government Event (Public Hearing, Council Meeting, etc)

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 ☐ Other	Select...	○ Yes ◉ No

Event Start Date	3/17/2020
Project/Event Name	Common Council Meeting
Delivery Mechanism	Government Event (Public Hearing, Council Meeting, etc)

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 ☐ Other	Select...	○ Yes ○ No

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

Event Start Date	8/22/2020
Project/Event Name	Watershed Cleanup
Delivery Mechanism	Clean up event

Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
Volunteer Opportunity	☑ General Public ☐ Public Employees ☐ Residents ☐ Businesses ☐ Contractors ☐ Developers ☐ Industries ☐ 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.*

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 (09/20)

Minimum Control Measures - Section 3 : Complete

3. Illicit Discharge Detection and Elimination

a.	How many total outfalls does the municipality have?	110	☐ Unsure
b.	How many outfalls did the municipality evaluate as part of their routine ongoing field screening program?	36	☐ Unsure
c.	From the municipality's routine screening, how many were confirmed illicit discharges?	0	☐ Unsure
d.	How many illicit discharge complaints did the municipality receive?	3	☐ Unsure
e.	From the complaints received, how many were confirmed illicit discharges?	2	☐ Unsure
f.	How many of the identified illicit discharges did the municipality eliminate in the reporting year (from both routine screening and complaints)? (If the sum of 3.c. and 3.e. does not equal 3.f., please explain below.)	2	☐ Unsure

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

☑ Verbal Warning	2
☐ Written Warning (including email)	
☑ Notice of Violation	2
☐ Civil Penalty/ Citation	

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.*

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 (09/20)

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? 26 ☐ Unsure

b. How many construction sites with one acre or more of land disturbing construction activity did the municipality issue permits for in the reporting year? 14 ☐ Unsure

c. How many erosion control inspections did the municipality complete in the reporting year? 692 ☐ Unsure

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

☐ No Authority	
☑ Verbal Warning	5
☑ Written Warning (including email)	206
☑ Notice of Violation	2
☐ Civil Penalty/ Citation	
☑ Stop Work Order	2
☐ Forfeiture of Deposit	
☐ Other - Describe below	

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*.

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 (09/20)

Minimum Control Measures - Section 5 : Complete

5. Post-Construction Storm Water Management

a. How many sites with new structural storm water management facilities* have received local approval ? 1 ☐ Unsure

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

b. Does the municipality utilize privately owned storm water management facilities in its pollutant reduction analysis? ◉ Yes ○ No ☐ Unsure

c. If Yes, How many privately owned storm water management facilities were inspected in the reporting year ? 56 ☐ Unsure

Inspections completed by private land owners should be included in the reported number.

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

☐ No Authority	
☐ Verbal Warning	
☑ Written Warning (including email)	19
☐ Notice of Violation	
☐ Civil Penalty/ Citation	
☐ Forfeiture of Deposit	
☑ Complete Maintenance	2
☑ Bill Responsible Party	2
☐ 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*.

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 (09/20)

Minimum Control Measures - Section 6 : Complete

6. Pollution Prevention

Storm Water Management Facility Inspections ☐ Not Applicable

a. Enter the total number of municipally owned or operated structural storm water management facilities ? 87 ☐ Unsure

b. How many new municipally owned storm water management facilities were installed in the reporting year ? 1 ☐ Unsure

c. How many municipally owned storm water management facilities were inspected in the reporting year? 87 ☐ Unsure

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

See the attached pond and swale inspection checklists.

e. How many of these facilities required maintenance? 10 ☐ Unsure

f. Brief explanation on Storm Water Management Facility 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*.

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

g. How many municipal properties require a SWPPP? 1 ☐ Unsure

h. How many inspections of municipal properties have been conducted in the reporting year? 12 ☐ Unsure

i. Have amendments to the SWPPPs been made?

○ Yes ◉ No ○ Unsure

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

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

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

l. Did the municipality conduct street sweeping/cleaning during the reporting year?
◉ Yes ○ No ○ Unsure

m. If known, how many tons of material was removed? 413 ☐ Unsure

n. Does the municipality have a low hazard exemption for this material? ○ Yes ◉ No

o. If street cleaning is identified as a storm water best management practice in the pollutant loading analysis, was street cleaning completed at the assumed frequency?

◉ Yes - Explain frequency biweekly

○ No - Explain _____

○ Not Applicable

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

p. Did the municipality conduct catch basin sump cleaning during the reporting year? ◉ Yes ○ No ○ Unsure

q. How many catch basin sumps were cleaned in the reporting year? 216 ☐ Unsure

r. If known, how many tons of material was collected? ☑ Unsure

s. Does the municipality have a low hazard exemption for this material? ○ Yes ◉ No

t. If catch basin sump cleaning is identified as a storm water best management practice in the pollutant loading analysis, was cleaning completed at the assumed frequency?

○ Yes- Explain frequency _____

◉ No - Explain Not included as BMP for loading analysis

○ Not Applicable

Collection Services - *Leaf Collection Program* ☐ Not Applicable

u. Does the municipality conduct curbside leaf collection? ◉ Yes ○ No ○ Unsure

v. Does the municipality notify homeowners about pickup? ◉ Yes ○ No ○ Unsure

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

☑ Pile on terrace ☐ Pile in street ☐ Bags on terrace ☐ Unsure

☐ Other - Describe _____

x. What is the frequency of collection?
once per week for 6 weeks (fall) and 3-4 weeks (spring)

y. Is collection followed by street sweeping/cleaning? ◉ Yes ○ No ○ Unsure

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

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? 250 ☐ Unsure

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

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

Product	Oct	Nov	Dec	Jan	Feb	Mar
Salt	0	0	153	222	171	0

Liquids (gallons) (ex. brine)

	Oct	Nov	Dec	Jan	Feb	Mar
Brine	0	0	17084	23560	17745	1800

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

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

Training Date	Training Name	# Attendance
9/1/2020	Western Snow and Ice Conference	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*

Staff attended and presented at the U.S. Western Snow and Ice Conference in Sept. 2020. Information is also provided in the attached Activity Summary.

Internal (Staff) Education & Communication

af. Has training or education been held for municipal or other personnel involved in implementing each of the pollution prevention program elements ? ○ Yes ◉ No ○ Unsure

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

When:

How many attended:

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

Elected Officials

Board of Public Works and Common Council Meetings

Municipal Officials

Board of Public Works and Common Council Meetings

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

MS4 Team Meeting

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.*

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 (09/20)

Minimum Control Measures - Section 7 : Complete

7. Storm Sewer System Map

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

(●) Yes ( ) No ( ) Unsure

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

- [x] Storm water treatment facilities
- [x] Storm pipes
- [ ] Vegetated swales
- [x] 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*.

Do not close your work until you SAVE.

Form 3400-224 (09/20)

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**
Element: Public Education and Outreach			
22234	22088	22669	Storm water utility
Element: Public Involvement and Participation			
22234	22088	22669	Storm water utility
Element: Illicit Discharge Detection and Elimination			
11877	11934	11847	Storm water utility
Element: Construction Site Pollutant Control			
70771	71797	70905	Storm water utility
Element: Post-Construction Storm Water Management			
171267	170474	232754	Storm water utility
Element: Pollution Prevention			
2132283	2171868	2133511	Storm water utility
Other (describe)			
			Select...

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

Water Quality

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

municipality's storm sewer system directly discharges to?
○ Yes ◉ No ○ Unsure If Yes, explain below:

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 De Pere 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

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

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.*

Missing Information

Do not close your work until you SAVE.

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.**

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

Attach - Other Supporting Documents

AR_MuniSWPPP

File Attachment 09-2019SWPPPUpdateMSCComplete.pdf

AR_Other

File Attachment MS4ActivitySummary.pdf

AR_BMPInspSum

File Attachment StormWaterFacilityInventory.pdf

AR_SWGroupReport

File Attachment 2020NEWSCOUTREACHREPORT.pdf

AR_Other

File Attachment INSPECTIONCHECKLISTPOND.pdf

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

Attach - Permit Compliance Documents

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

Missing Information

You must attach a Storm Sewer Map file,

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

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

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:	Complete
Minimum Control Measures Section 7:	Complete
Attachments:	Has Missing Items
Final Evaluation:	Complete

CITY OF DE PERE

Public Works - Engineering Department

925 S. Sixth Street, De Pere, WI 54115 | 920-339-4061 | www.de-pere.org

City of De Pere MS4 Annual Permit – Supplemental Information for 2020 Activities

Below is a summary of activities completed for the various requirements of the MS4 permit.

Public Education and Outreach Summary

- The City includes "The Perfect Lawn" flyers from NEWSC in letters sent to property owners to remove grass clippings from storm water easements.
- The City includes "Good Dog, Good Owner" flyers from NEWSC with dog licenses.
- The City posted "Turkey Fryer Oil" infographic to social media prior to Thanksgiving.
- The City posted "Time to Drain your Pool" infographic to social media at the end of summer.
- The City sends e-mails multiple times during the year to contractors holding Soil Erosion Permits within the City reminding permittees of expectations and enforcement actions.
- Fox-Wolf Watershed held storm water presentations for the Fifth graders at West De Pere School District on March 11, 2020. (2020 NEWSC Outreach and Education Activities)
- The City had several conversations via telephone and in-person with residents regarding sump pumps and storm sewers.
- City Council approved Storm Water Art Project to include painting approximately 20 storm inlets in the downtown area.

Public Involvement and Participation

- The City has a MS4 Team that meets at least once per year.
- The City's Beautification Committee cleans up garbage along the Fox River Trail weekly.
- The Fox-Wolf Watershed hosted a clean-up event on August 22, 2020 at Voyageur Park and Bomier Boat Launch. City staff participated in the event. (NEWSC Annual Report)
- The City presented the MS4 2019 Annual Report to the Board of Public Works and City Council meetings in March 2020.
- Staff attended the Fox-Wolf Watershed Conference in March 2020.

Construction Site Pollutant Control

- Staff completed inspections on private and public construction sites. Engineering assisted the Inspection Department for erosion control practices on private sites. Staff utilized verbal and written warnings for several projects.

Post Construction Storm Water Management

- Staff completed inspections on public and private storm water management systems. Private facilities requiring maintenance were sent letter in August 2020.
- The City completed maintenance on public storm water facility: Charles Street Swale. All of the trees, brush, debris, and large vegetation were cleared from the swale.
- The City is continuing maintenance on public storm water facilities in 2021.
- The list of storm water maintenance activities is attached.
- The City installed 35 storm laterals to residents with existing storm sewer.
- A new City pond was constructed for the development off of Lawrence Drive on the south side of the City.
- A new private pond was constructed off of Innovation Court that serves 18.6 acres of land that previously discharged directly to Ashwaubenon Creek.

Pollution Prevention

- The City cleaned and televised 22,641 linear feet of storm sewer.
- Staff attended and presented at the Western U.S. Snow and Ice Conference in September 2020.
- The City collected 1,180 tons of material during leaf collection and 413 tons of material from street sweeping and catch basin cleaning.

CITY OF DE PERE

Public Works - Engineering Department

925 S. Sixth Street, De Pere, WI 54115 | 920-339-4061 | www.de-pere.org

POND OPERATION & MAINTENANCE INSPECTION CHECKLIST

Inspection of all listed items shall take place at least quarterly (unless noted otherwise) and after rainfall events resulting in 2" of rainfall or more. A copy of this document shall be completed during each inspection. The party responsible for performing inspections and maintenance shall keep all completed checklists and make them available to Municipal, County, and State Officials upon request.

BASIN ID:	
SITE NAME:	
PERSON INSPECTING:	
INSPECTION DATE AND TIME:	
RAINFALL WITHIN PAST 2-3 DAYS:	

Reason for Inspection (Circle One): Complaint / Storm Event / Scheduled / Other

Ownership (Circle One) Public Private

LEGEND: PROBLEM NOTICED

N/A = Not Applicable **M = Monitor (potential for future problem)**

NP = Not a Problem **WN = Work Needed**

ITEM INSPECTED	PROBLEM NOTICED	COMMENTS
INFLOW ASSESSMENT		
Obstruction: Vegetation/Debris/Sediment		
Erosion/Undercutting		
Displacement of Fabric/ Rip Rap		
Pipe Condition/Exposure		
Other:		
FOREBAY ASSESSMENT		
Sediment/ Debris Accumulation		
Side Slope Erosion		
Invasive Vegetation		
Other:		
VEGETATED SHELF / MAIN TREATMENT AREA ASSESSMENT		
Visible Pollution / Muddiness		
Sediment / Debris Accumulation		
Plants are Dead, Diseased, or Dying		
Bare Soil/Erosive Gullies		
Algae Cover (estimate %)		
Invasive Vegetation (estimate %)		
Other:		

CITY OF DE PERE
Public Works - Engineering Department
925 S. Sixth Street, De Pere, WI 54115 | 920-339-4061 | www.de-pere.org

EMBANKMENT ASSESSMENT		
Erosion and/or Loss of Dam Material		
Shrubs/Trees Present		
Animal Burrows		
Soft Spots or Boggy Areas		
Slides		
Other:		
OUTLET DEVICE ASSESSMENT		
Obstruction: Vegetation/Debris/Sediment		
Erosion/Undercutting		
Joint Failure/ Loss of Joint Material		
Leaking Device		
Other:		
MISCELLANEOUS		
Trash/Debris		
Access		
Vandalism		
Fence Condition (if applicable)		
Fish/ Wildlife Observations		
Signage (if applicable)		
Other		

Attach color digital photographs of the site and structural BMPs including a caption describing each photo.

COMMENTS:

OVERALL CONDITION OF FACILITY:

In accordance with approved design plans? Y / N

Maintenance required as detailed above? Y / N

Dates by which maintenance should be completed: ____/_____/_____

Signature of Person Inspecting: _____

UPDATE MASTERSHEET under x:\Storm\Inspections & Calcs by Basin\Stormwater Inspection Mastersheet

City of De Pere - Engineering
925 S. Sixth St. ◊ De Pere, WI 54115 ◊ Ph: 920.339.4061

STORMWATER OPERATION & MAINTENANCE LISTING						
Basin	**Name or Location**	**Type**	**Date of Last Inspection**	**Inspector**	**Ownership**	**Maintenance Needed**
AC050B	Westwind Ct	Pond	7/15/2020	AC	Disputed	
AC020A	1901 S Ashland Ave	Pond	7/15/2020	AC	Private	
AC030A	1629 S Ashland Ave	Pond	7/16/2020	AC	Private	
AC090A	1420 Fortune Ave (Harper Co.)	Dry Detention	7/21/2020	AC	Disputed	
AC050A	250 S 9th St (Rennes Health)	Pond	7/16/2020	AC	Private	
AC050A	900 Main Ave (Unison Credit Union)	Biofilter	7/23/2020	AC	Private	
AC050B	765 Lawrence Dr (Pool Works Inc)	Pond	7/23/2020	AC	Private	
AC055A	1001 Main Ave (Festival Foods)	Pond	7/20/2020	AC	Private	
AC055A	1501 Main Ave (Mid-Valley)	Pond	7/16/2020	AC	Private	
AC050A	Elm - Ninth St	Swale/Ravine	7/13/2020	AC	Public	
AC060A	505 Lawrence Dr	Pond	7/20/2020	AC	Private	
AC060A	505 Lawrence Dr (Creative Signs Co Inc)	Biofilter	-	Inspected as a pond in 2017	Private	
AC060A	875 Lawrence Dr (Cummins)	Pond	7/20/2020	AC	Private	
AC050A	Suburban - Ninth on Grant St	Swale/Ravine	7/15/2020	Inspected as part of the Westwind Ct. Pond (2017)	Public	
AC090A	1717 Lawrence Dr (Shopko Northwest)	Pond	6/4/2020	AC	Disputed	
AC070A	1205 Lawrence Dr (Concrete Contractors)	Pond	7/20/2020	AC	Private	
AC070A	1313 Lawrence Dr (Rear Menards/Walmart)	Pond	7/20/2020	AC	Private	
AC070A	1400 Block Lawrence Dr (Menards Parking)	Pond	7/20/2020	AC	Private	
AC080A	1610-1620 Lawrence Dr (Scheuring)	Pond	7/20/2020	AC	Private	
AC090A	1700 Lawrence Dr (Community First Credit Union)	Pond	7/20/2020	AC	Private	

City of De Pere - Engineering
925 S. Sixth St. ◊ De Pere, WI 54115 ◊ Ph: 920.339.4061

AC090A	1717 Lawrence Dr (Shopko Northeast)	Pond	7/20/2020	AC	Private	
AC130A	1951 Snowy Owl Ct [Organics Inc]	Pond	7/13/2020	AC	Disputed	
AC090A	1801 Lawrence Dr (Independent Printing)	Pond	7/20/2020	AC	Private	
AC090A	1869 American Blvd (Graybar)	Pond	7/20/2020	AC	Private	
AC090A	1997 American Blvd (Cleaning Systems)	Pond	March/April	JML	Private	
AC090A	2000 American Blvd. (northeast)	Dry Detention	7/20/2020	AC	Private	
AC090A	2000 American Blvd. (southwest)	Pond	7/20/2020	AC	Private	
AC090A	2001 Lawrence (Coin Wrap)	Pond	7/20/2020	AC	Private	
AC090A	2001 Lawrence (Coin Wrap)	Swale/Ravine	7/20/2020	AC	Private	
AC090A	Shopko Southeast (Dry)	Dry Detention	7/20/2020	AC	Private	
AC100A	1100 Employers Blvd (Humana)	Pond	7/20/2020	AC	Private	
AC100A	1880 Southbridge Rd	Pond	7/20/2020	AC	Private	
AC100D	1746-1770 Burgoyne Ct. (Burgoyne Lake Apartments)	Pond	7/20/2020	AC	Private	
AC100D	2191 American Blvd (Milwood)	Pond	7/20/2020	AC	Private	
AC160A	2221 Innovation Dr (American 3 Fab)	Pond	7/20/2020	AC	Private	
ER010A	W. Baraboo Cir.	Swale/Ravine	6/8/2020	AC	Disputed	
ER015A	Pecatonica Ct (Charleston Pointe II)	Pond	6/8/2020	AC	Disputed	Clean/clear inflow/outlet pipe of debris/sediment/vegetation
ER010A	1820-11A Ridgeway Dr (Eau Claire Pl)	Pond	7/20/2020	AC	Public	
ER020A	Pecatonica Ct drain	Swale/Ravine	6/30/2020	AC	Disputed	
ER030A	1979 Tyler Ln	Pond	7/15/2020	AC	Disputed	Clean/clear inflow/outlet pipe of debris/sediment/vegetation
ER010A	825 E River Dr + 1901 Ridgeway Dr (Charleston Pointe I)	Pond	7/20/2020	AC	Private	
ER040A	Shelley Ln [POTENTIAL]	FUTURE			Disputed	

City of De Pere - Engineering
925 S. Sixth St. ◊ De Pere, WI 54115 ◊ Ph: 920.339.4061

ER010A	Brule Rd. - Ridgeway Dr. Pond Connection	Swale/Ravine	7/21/2020	AC	Private	
ER010A	Pike Ln.	Swale/Ravine	7/21/2020	Inspected with Brule Rd - Ridgeway Dr. Pond Connection	Private	
ER040A	1881 Chicago St. (Aurora)	Dry Detention	7/21/2020	AC	Private	
ER080A	1950 Enterprise Dr (CA Lawton)	Pond	7/20/2020	AC	Private	
ER080B	1900 Enterprise Dr.	Pond	7/20/2020	AC	Private	
ER100A	711 Millenium Ct	Biofilter				
AC055A	Exit 163 (Mid-Valley Rd-Hwy 41)	Pond	6/4/2020	AC	Public	
FE010B	1040 N Broadway (Abbey Pond, SNC)	Pond	7/21/2020	AC	Private	
FE240B	1200-1281 Pershing Rd (Lake Park Estates)	Pond	7/21/2020	AC	Private	
FE260A	801 O'Keefe Rd	Dry Detention	7/21/2020	AC	Private	
FE260B	1850 Enterprise Dr. (Dry)	Dry Detention	7/21/2020	AC	Private	
FE270A	1891 Commerce Dr (Bedford Paper)	Pond	7/21/2020	AC	Private	
FW070A	450 College Ave (Joliet Square Apartments)	Swale/Ravine	7/23/2020	AC	Private	
FW070A	West De Pere High School (Dry)	Dry Detention	-	-	Private	
FW140A	601 Third Avenue	Biofilter	7/23/2020	AC	Private	
ER130A	Diversity Dr (Susie C Altmayer Elementary)	Pond	6/30/2020	AC	Disputed	
FE030A	1011 Broadway St. (West of Fox River Trail)	Pond	7/15/2020	AC	Disputed	
FW180A	1300 Lost Dauphin (SNC Baseball, Mel Nicks Field)	Dry Detention	7/23/2020	AC	Private	
FW200A	1600 Lost Daupin (SNC Track, Schneider Athletic)	Pond	7/23/2020	AC	Private	
FW200B	1745 E Matthew Dr (De Pere Cabinet)	Pond	7/23/2020	AC	Private	

FW200C	1251 Scheuring Rd (Front Cadre)	Biofilter	7/23/2020	AC	Private	
FW200C	1252 Scheuring Rd (Cadre) East Swale	Swale/Ravine	7/23/2020	AC	Private	
FW200C	1255 Scheuring Rd (Behind Cadre)	Pond	7/23/2020	AC	Private	
FW200C	1740 E. Matthew Dr. (1751 W. Matthew Dr.)	Swale/Ravine	7/23/2020	AC	Private	
AC060A	NW Lawrence - Grant Dry	Dry Detention	7/15/2020	AC	Public	
AC060A	SW Lawrence - Grant	Pond	7/15/2020	AC	Public	
AC090A	Exit 161 Roundabout (Hwy 41 - Scheuring)	Pond	6/4/2020	AC	Public	
AC090A	Lawrence Dr (Integrys Parking-Preserve Entrance)	Pond	6/8/2020	AC	Public	Pipe/endwall separation
AC090A	Scheuring - American Blvd	Pond	6/8/2020	AC	Public	
AC100A	Ashwaubenon Creek (Preserve behind Humana-Hwy 41)	Pond	6/8/2020	AC	Public	Pipe/endwall separation & erosion
FW200D	1997 Venture Ave Drainage Swale	Swale/Ravine	7/15/2020	AC	Private	
AC100A	Hemlock Creek (Preserve behind Humana - Hwy 41)	Pond	6/9/2020	AC	Public	Pipe/endwall separation
AC100A	Humana Swale - Preserve	Swale/Ravine	7/16/2020	AC	Public	
AC100B	2077B Lawrence Dr (Honeysuckle)	Pond	6/8/2020	AC	Public	
AC100B	Honeysuckle Swale (Rygar Ct.)	Swale/Ravine	-	-	Public	
AC100D	American Blvd - Southbridge Rd	Pond	7/13/2020	AC	Public	
AC100D	American Blvd Central (Samantha St)	Pond	7/13/2020	AC	Public	
AC100D	American Blvd Central 2 (Burgoyne Ct)	Pond	7/13/2020	AC	Public	Erosion & Debris (small trampoline) in pond
FE150A	1171 S Atrium Ct	Swale/Ravine	6/30/2020	AC	Disputed	
AC100D	Central connecting ditch (American Blvd)	Swale/Ravine	7/13/2020	AC	Public	

City of De Pere - Engineering
925 S. Sixth St. ◊ De Pere, WI 54115 ◊ Ph: 920.339.4061

AC100D	Northern connecting ditch (American Blvd)	Swale/Ravine	7/13/2020	AC	Public	
AC100D	Southern connecting ditch (American Blvd)	Swale/Ravine	7/13/2020	AC	Public	
AC100E	Adare Ct	Pond	7/13/2020	AC	Public	
AC100E	American Blvd South (Tullig)	Pond	7/13/2020	AC	Public	Pipe/endwall separation
AC110A	Payton Ct	Pond	7/13/2020	AC	Public	
AC140A	Cross Creek Cir	Pond	6/8/2020	AC	Public	
AC140A	Cross Creek Cir	Swale/Ravine	6/8/2020	AC	Public	
AC150A	Daytona Speedway (Pocono Ct)	Pond	6/8/2020	AC	Public	
AC160A	Southbridge - Innovation (Foth)	Pond	6/8/2020	AC	Public	
AC170A	Southwest Park West - Daytona Speedway	Dry Detention	6/8/2020	AC	Public	
AC180A	Southwest Park South (Diamond)	Pond	6/8/2020	AC	Public	
ER015A	W Rock River Cir	Swale/Ravine	7/13/2020	AC	Public	
ER020A	East River Dr - Rock River Ct	Swale/Ravine	6/30/2020	AC	Public	
ER020A	East River Trail (Black Earth Dr)	Pond	6/30/2020	AC	Public	Clean/clear inflow/outlet pipe of debris/sediment/vegetation
ER030A	Brule Rd. - Sullivan Ln.	Swale/Ravine	7/15/2020	AC	Public	
ER030A	Desplaine Rd. - East River Dr.	Swale/Ravine	7/15/2020	AC	Public	
ER030A	East River Dr. - Black Earth Dr. (East)	Swale/Ravine	7/15/2020	AC	Public	
ER030A	Shelley Ln. - Brule Rd.	Swale/Ravine	7/15/2020	AC	Public	
ER030A	Shelley Ln. (East)	Swale/Ravine	7/15/2020	AC	Public	

City of De Pere - Engineering
925 S. Sixth St. ◊ De Pere, WI 54115 ◊ Ph: 920.339.4061

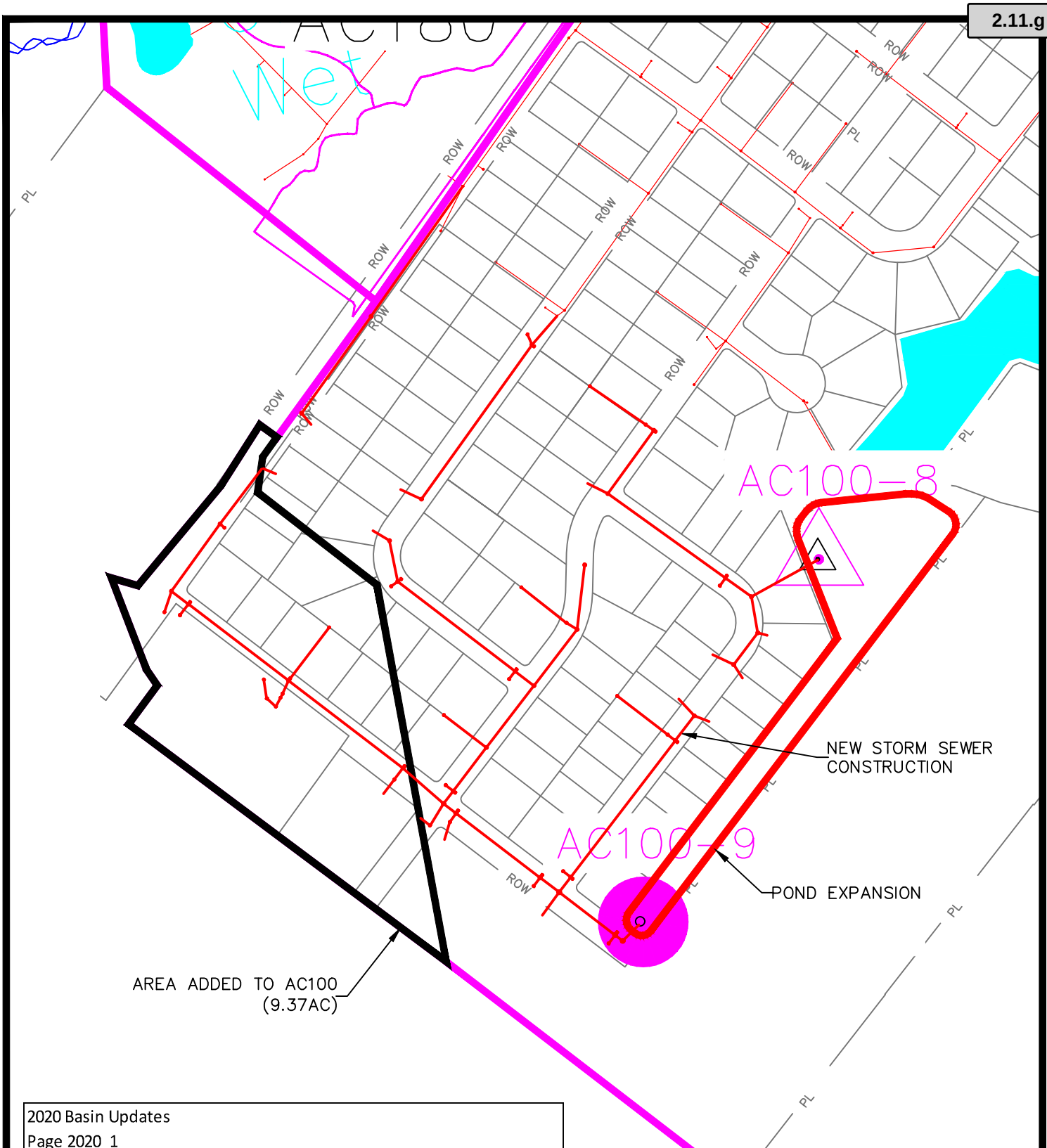
ER030A	Sullivan Ln. - Desplaine Rd.	Swale/Ravine	7/15/2020	AC	Public	
ER040A	Jim Martin Park	Pond	6/9/2020	AC	Public	
ER040A	Jim Martin Park 1st Easement East	Swale/Ravine	6/9/2020	AC	Public	
ER050A	Shetland Pl - Saddlebrook Ln (Rotary Park)	Pond	6/9/2020	AC	Public	Pipe/endwall separation
ER060A	Painthorse Trail	Pond	6/9/2020	AC	Public	
ER080A	Ledgeview Swan Rd (Jossart Brothers Co.)	Pond	6/9/2020	AC	Public	
ER100A	Millenium Ct	Swale/Ravine	7/13/2020	AC	Public	
ER110A	Enterprise Dr (Sit & Stay Pet Resort)	Pond	6/9/2020	AC	Public	
ER120A	S. Melcorn Cl	Swale/Ravine	6/9/2020	AC	Public	
ER120A	Trailside Ln	Pond	6/9/2020	AC	Public	Pipe/endwall separation
ER120B	Rockland Rd (North of 2100-2120 S. Broadway St.)	Swale/Ravine	6/30/2020	AC	Public	
FE275A	600 Heritage Rd (Belmark-Briarwood)	Pond	7/13/2020	AC	Disputed	
FE275A	600 Heritage Rd (Belmark-Briarwood)	Swale/Ravine	7/13/2020	AC	Disputed	
FE190A	Optimist Park (17-09)	Pond	6/30/2020	AC	Public	
FW280B	500 Fortune Ave (East vertical)	Pond	7/23/2020	AC	Disputed	
FE260A	Greenleaf Rd - North of Belmark	Pond	7/13/2020	AC	Public	
FE260B	1300 Enterprise Dr (Behind PAi)	Swale/Ravine	7/13/2020	AC	Public	
FE260B	Greenleaf Rd - Fox River Trail	Pond	7/13/2020	AC	Public	
FE280A	Oak Water Ct	Swale/Ravine	7/13/2020	AC	Public	
FE280A	Old Plank Ct	Swale/Ravine	6/30/2020	AC	Public	
FE280B	Greenleaf-Rockland Rd	Pond	7/13/2020	AC	Public	

City of De Pere - Engineering
925 S. Sixth St. ◊ De Pere, WI 54115 ◊ Ph: 920.339.4061

FE290A	Commerce Pond (16-09 Pond and Drainage Construction)	Pond	7/13/2020	AC	Public	
FW010A	Perkofsky Boat Landing/Brown County Fair Grounds	Pond	7/15/2020	AC	Public	
FW200D	1997 Venture Ave (WI Lift Truck Co. - West)	Pond	7/15/2020	AC	Disputed	
FW200B	Scheuring Rd - Suburban Dr	Pond	6/1/2020	JML	Public	
FW200C	Double Dry Matthew - Suburban Dr	Dry Detention	7/15/2020	AC	Public	
FW200E	Terry Ln - Mobile Home Park	Swale/Ravine	7/22/2020	AC	Public	
FW280B	500 Fortune Ave (Old Ecofibre)	Swale/Ravine	7/23/2020	AC	Private	
FW280A	Fortune - Venture	Pond	7/22/2020	AC	Public	
FW280A	Red Maple - Lost Daupin	Swale/Ravine	7/22/2020	AC	Public	
FW290A	1414 Builders Ct.	Pond	7/21/2020	AC	Public	
FW290B	Glen Meadows Cir (Kiwanis Park)	Pond	No longer exists	?	Public	
FW290B	Hopf Ln	Pond	7/15/2020	AC	Public	
FW290B	Red Maple (River Trail Ct)	Pond	7/22/2020	AC	Public	
FW290C	Dog Park	Pond	7/21/2020	AC	Public	
FW290C	Dog Park West Swale	Swale/Ravine	7/15/2020	AC	Public	
FW290C	Richco Ct Swale	Swale/Ravine	7/15/2020	AC	Public	
FW290C	Richco Ct.	Pond	7/15/2020	AC	Public	
FW200D	1997 Venture Ave [WI Lift Truck Co. Warehouse (East)]	Pond	7/15/2020	AC	Disputed	
XA100A	2066 Lawrence Dr (St Mark Lutheran - Large SW pond)	Pond	7/23/2020	AC	Private	
FW200D	1998 Venture Ave	Pond	7/15/2020	AC	Disputed	
XA100A	2066 Lawrence Dr (St Mark Lutheran - Small N pond)	Pond	7/23/2020	AC	Private	

CITY OF DE PERE
2020 Map Updates
2020 MS4 Annual Report
Last Update - March 4, 2021

Basin	Type of Change	2020 Map Change - City
AC100	Basin Change and Storm Sewer	Added 9.37 acres to basin with new development. Pond construction completed in 2020. Added storm sewer off of Red Maple Road a new subdivision.
AC190	New Basin	Private development pond constructed off of Innovation Court.
FE070 & FE110	Basin Change and Storm Sewer Change	Modified basins due to storm sewer design. Upsized storm sewer on Front Street, south of Cass Street
FE050, FE110, FE130, FE 150	Basin Changes	Minor basin changes due to field review.
FE110, FE150, ER030	Basin Changes	Minor basin changes due to field review.
FW070 & AC050	Basin Changes	Minor basin changes due to field review.
ER040 & FE150	Basin and Storm Sewer Changes	Upsized storm sewer aon Merrill Street and Quinette Lane. Minor basin changes due to the storm sewer design.
ER010	Storm Sewer Change	Added storm sewer to Voelker Street
FW110	Basin Change	Minor basin changes due to field review.
AC050	Storm Sewer Change	Added inlets on Ninth Street
FE290	Basin and Storm Sewer Changes	Updated drainage basin. Added storm sewer inlets on Commerce Drive extended.
FW070	Storm Sewer Change	Added storm sewer to Outward Avenue. Relocated storm sewer off of Grant Street for the West De Pere High School Addition.



2020 Basin Updates
Page 2020_1

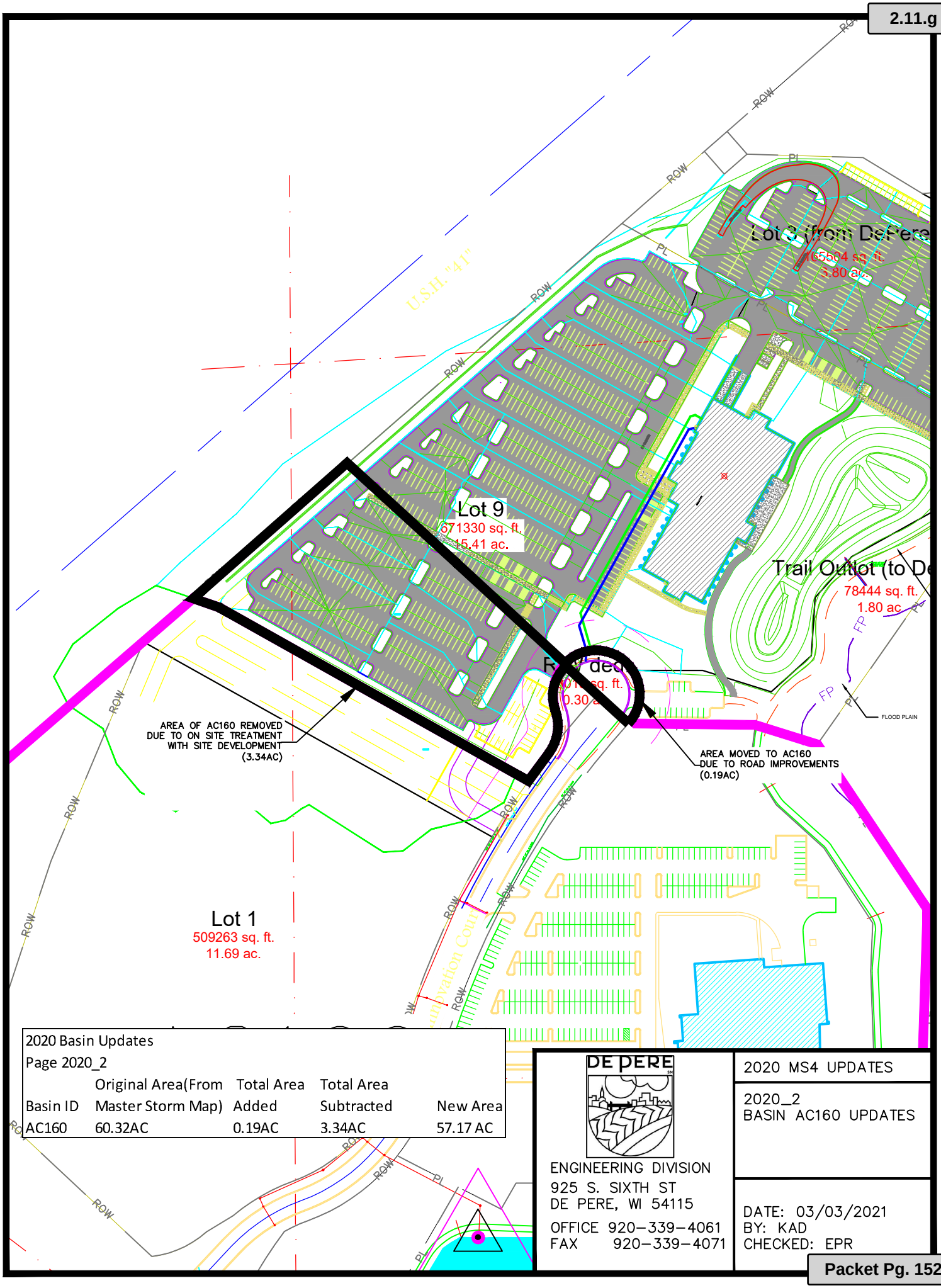
Basin ID	Original Area(From Master Storm Map)	Total Area Added	Total Area Subtracted	New Area
AC100	626.61AC	9.37AC		635.98AC

DE PERE
ENGINEERING DIVISION
925 S. SIXTH ST
DE PERE, WI 54115
OFFICE 920-339-4061
FAX 920-339-4071

2020 MS4 UPDATES

2020_1
BASIN AC100 UPDATES

DATE: 03/03/2021
BY: KAD
CHECKED: EPR



2020 Basin Updates
Page 2020_2

Basin ID	Original Area(From Master Storm Map)	Total Area Added	Total Area Subtracted	New Area
AC160	60.32AC	0.19AC	3.34AC	57.17 AC

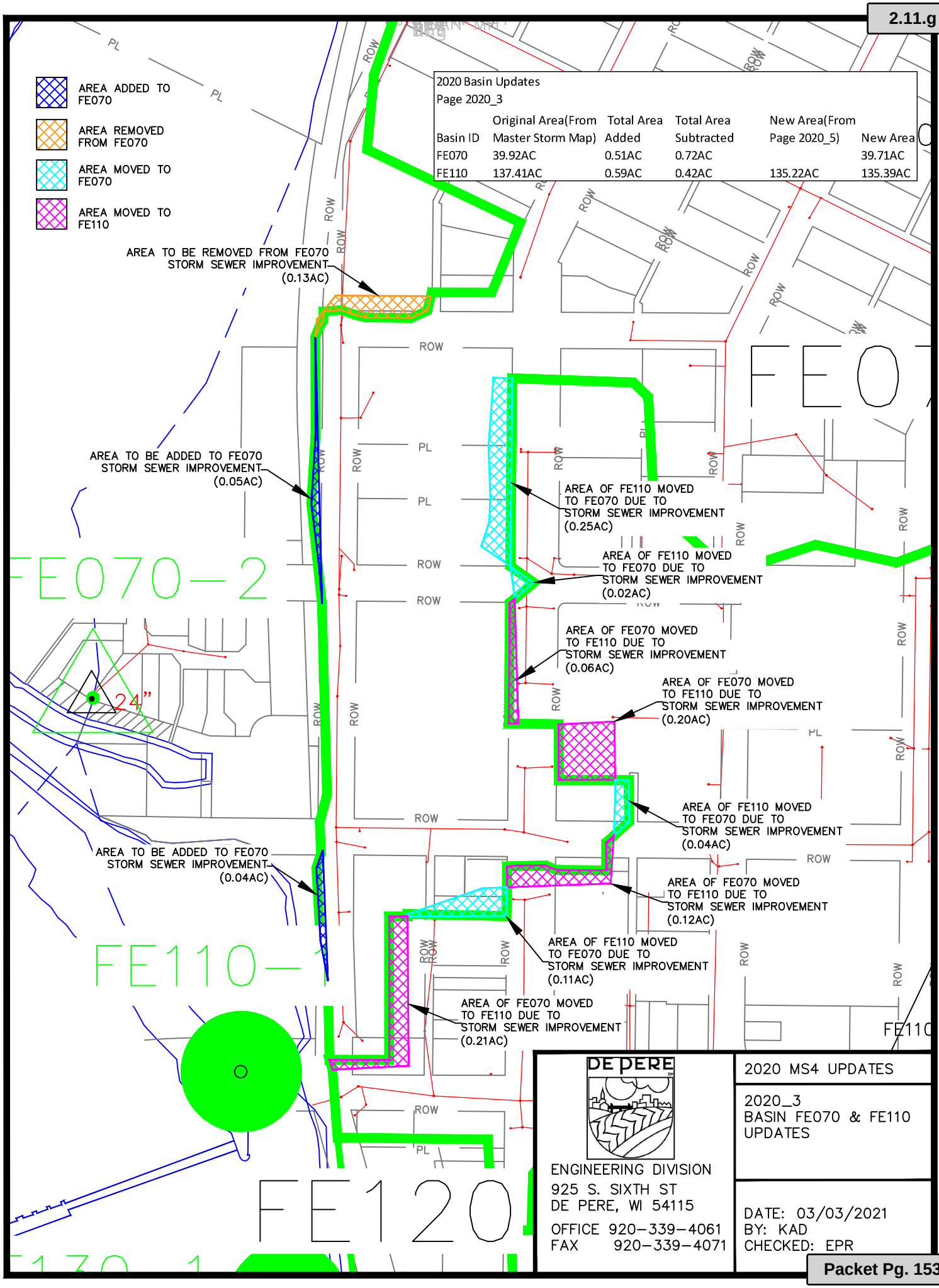
DE PERE

ENGINEERING DIVISION
925 S. SIXTH ST
DE PERE, WI 54115
OFFICE 920-339-4061
FAX 920-339-4071

2020 MS4 UPDATES

2020_2
BASIN AC160 UPDATES

DATE: 03/03/2021
BY: KAD
CHECKED: EPR



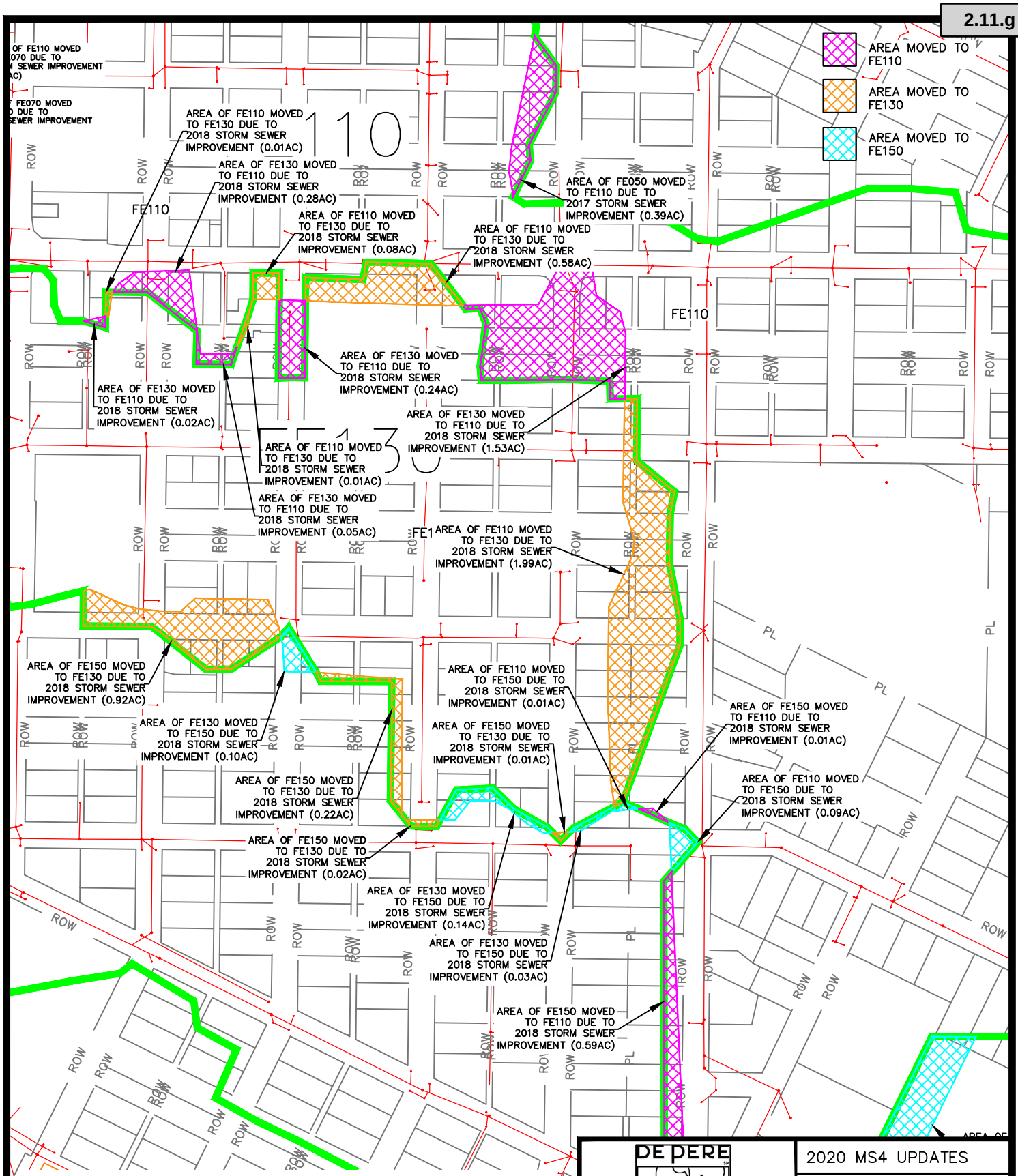
DE PERE

ENGINEERING DIVISION
925 S. SIXTH ST
DE PERE, WI 54115
OFFICE 920-339-4061
FAX 920-339-4071

2020 MS4 UPDATES

2020_3
BASIN FE070 & FE110
UPDATES

DATE: 03/03/2021
BY: KAD
CHECKED: EPR



2020 Basin Updates

Page 2020_4

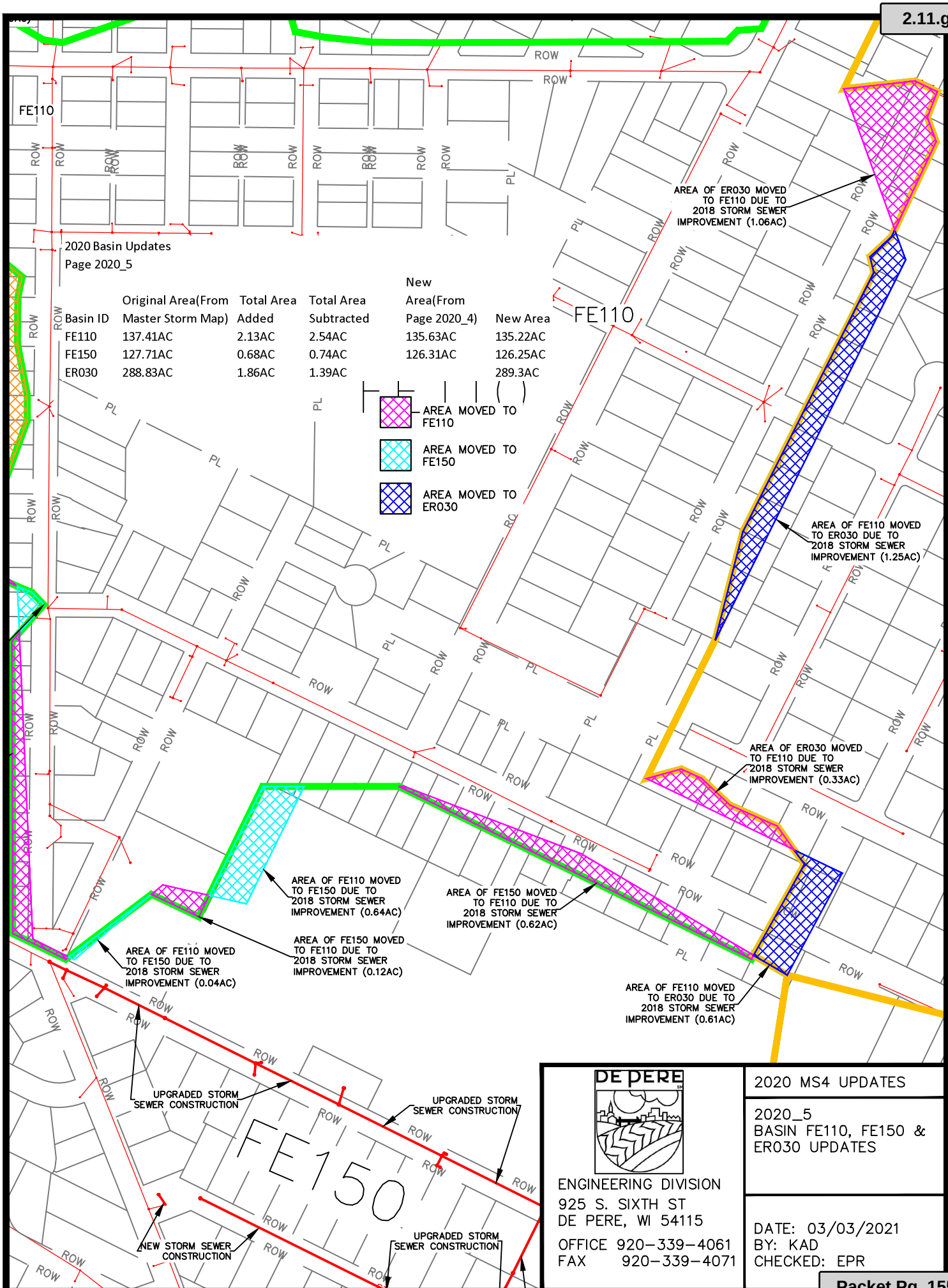
Basin ID	Original Area(From Master Storm Map)	Total Area Added	Total Area Subtracted	New Area
FE050	160.71AC		.39AC	160.32AC
FE110	137.41AC	0.99AC	2.77AC	135.63AC
FE130	32.43AC	3.84AC	0.27AC	36.0AC
FE150	127.71AC	0.37AC	1.77AC	126.31AC

DE PERE
ENGINEERING DIVISION
925 S. SIXTH ST
DE PERE, WI 54115
OFFICE 920-339-4061
FAX 920-339-4071

2020 MS4 UPDATES

2020_4
BASIN FE110, FE130 & FE150 UPDATES

DATE: 03/03/2021
BY: KAD
CHECKED: EPR

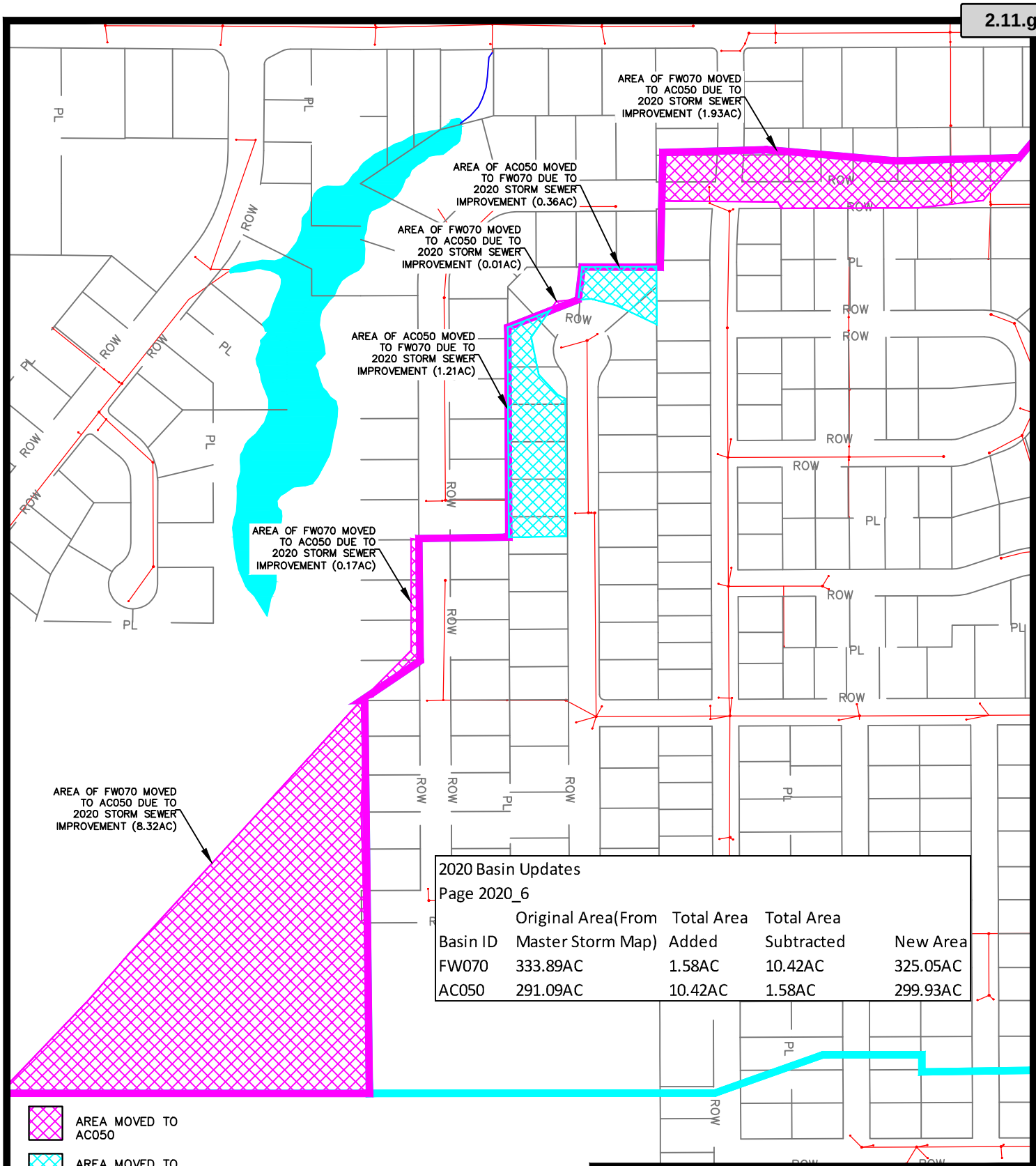


DE PERE
ENGINEERING DIVISION
925 S. SIXTH ST
DE PERE, WI 54115
OFFICE 920-339-4061
FAX 920-339-4071

2020 MS4 UPDATES

2020_5
BASIN FE110, FE150 & ER030 UPDATES

DATE: 03/03/2021
BY: KAD
CHECKED: EPR



2020 Basin Updates
Page 2020_6

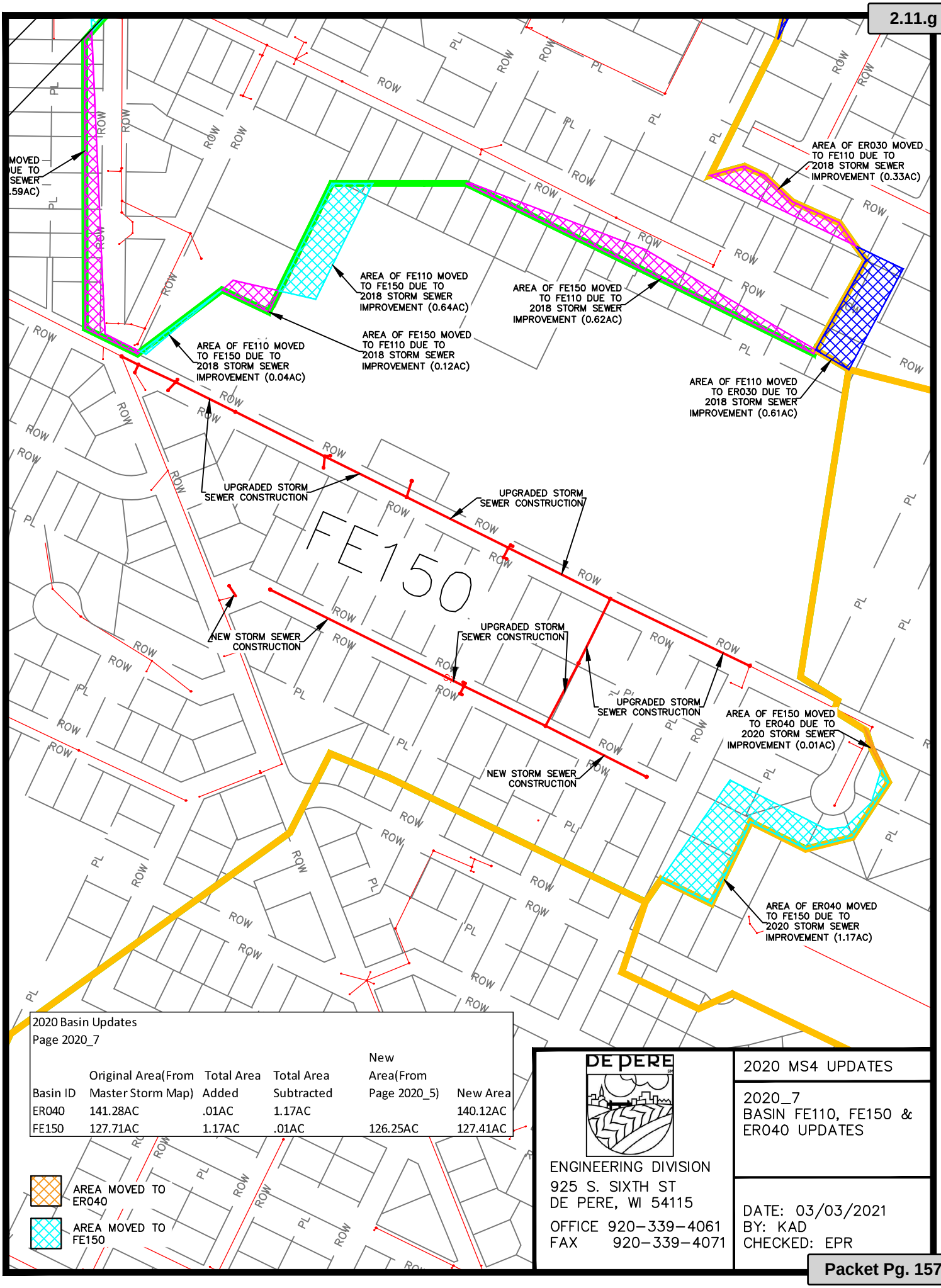
Basin ID	Original Area(From Master Storm Map)	Total Area Added	Total Area Subtracted	New Area
FW070	333.89AC	1.58AC	10.42AC	325.05AC
AC050	291.09AC	10.42AC	1.58AC	299.93AC

DE PERE
ENGINEERING DIVISION
925 S. SIXTH ST
DE PERE, WI 54115
OFFICE 920–339–4061
FAX 920–339–4071

2020 MS4 UPDATES

2020_6
BASIN FW070 & AC050 UPDATES

DATE: 03/03/2021
BY: KAD
CHECKED: EPR



2020 Basin Updates
Page 2020_7

Basin ID	Original Area(From Master Storm Map)	Total Area Added	Total Area Subtracted	New Area(From Page 2020_5)	New Area
ER040	141.28AC	.01AC	1.17AC		140.12AC
FE150	127.71AC	1.17AC	.01AC	126.25AC	127.41AC

AREA MOVED TO ER040

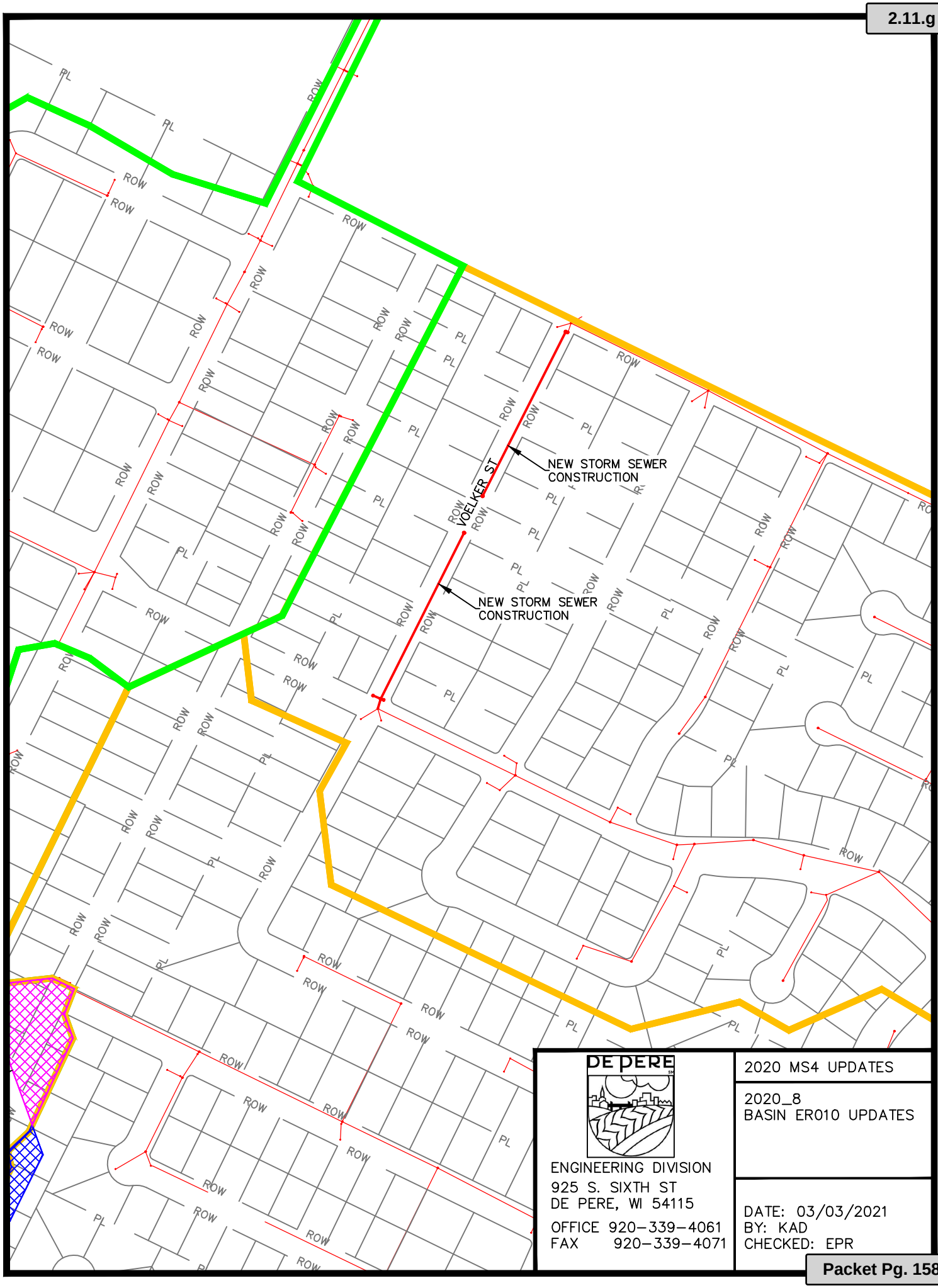
AREA MOVED TO FE150

DE PERE
ENGINEERING DIVISION
925 S. SIXTH ST
DE PERE, WI 54115
OFFICE 920-339-4061
FAX 920-339-4071

2020 MS4 UPDATES

2020_7
BASIN FE110, FE150 & ER040 UPDATES

DATE: 03/03/2021
BY: KAD
CHECKED: EPR



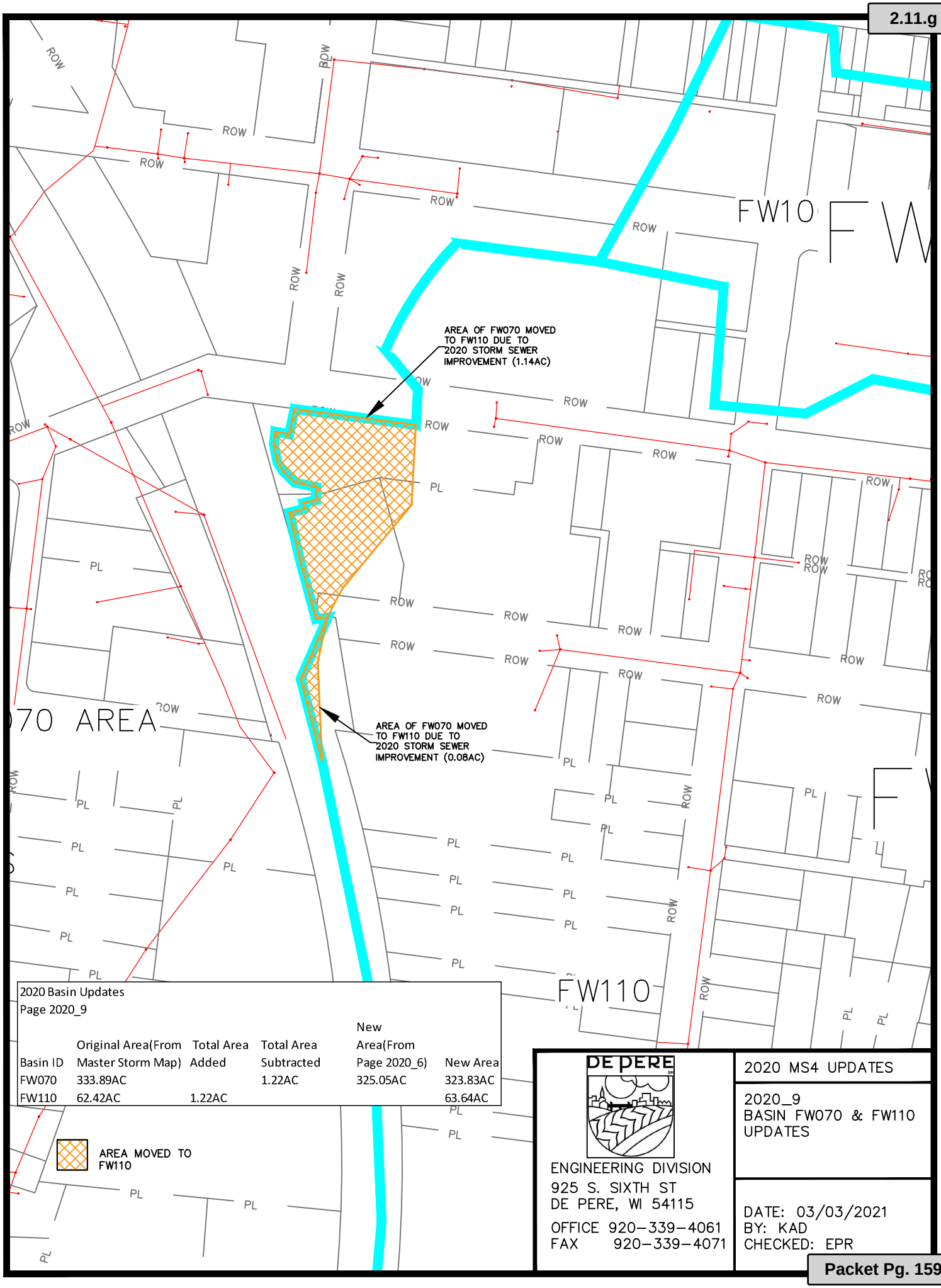
DE PERE

ENGINEERING DIVISION
925 S. SIXTH ST
DE PERE, WI 54115
OFFICE 920-339-4061
FAX 920-339-4071

2020 MS4 UPDATES

2020_8
BASIN ER010 UPDATES

DATE: 03/03/2021
BY: KAD
CHECKED: EPR



2020 Basin Updates
Page 2020_9

Basin ID	Original Area(From Master Storm Map)	Total Area Added	Total Area Subtracted	New Area(From Page 2020_6)	New Area
FW070	333.89AC		1.22AC	325.05AC	323.83AC
FW110	62.42AC	1.22AC			63.64AC

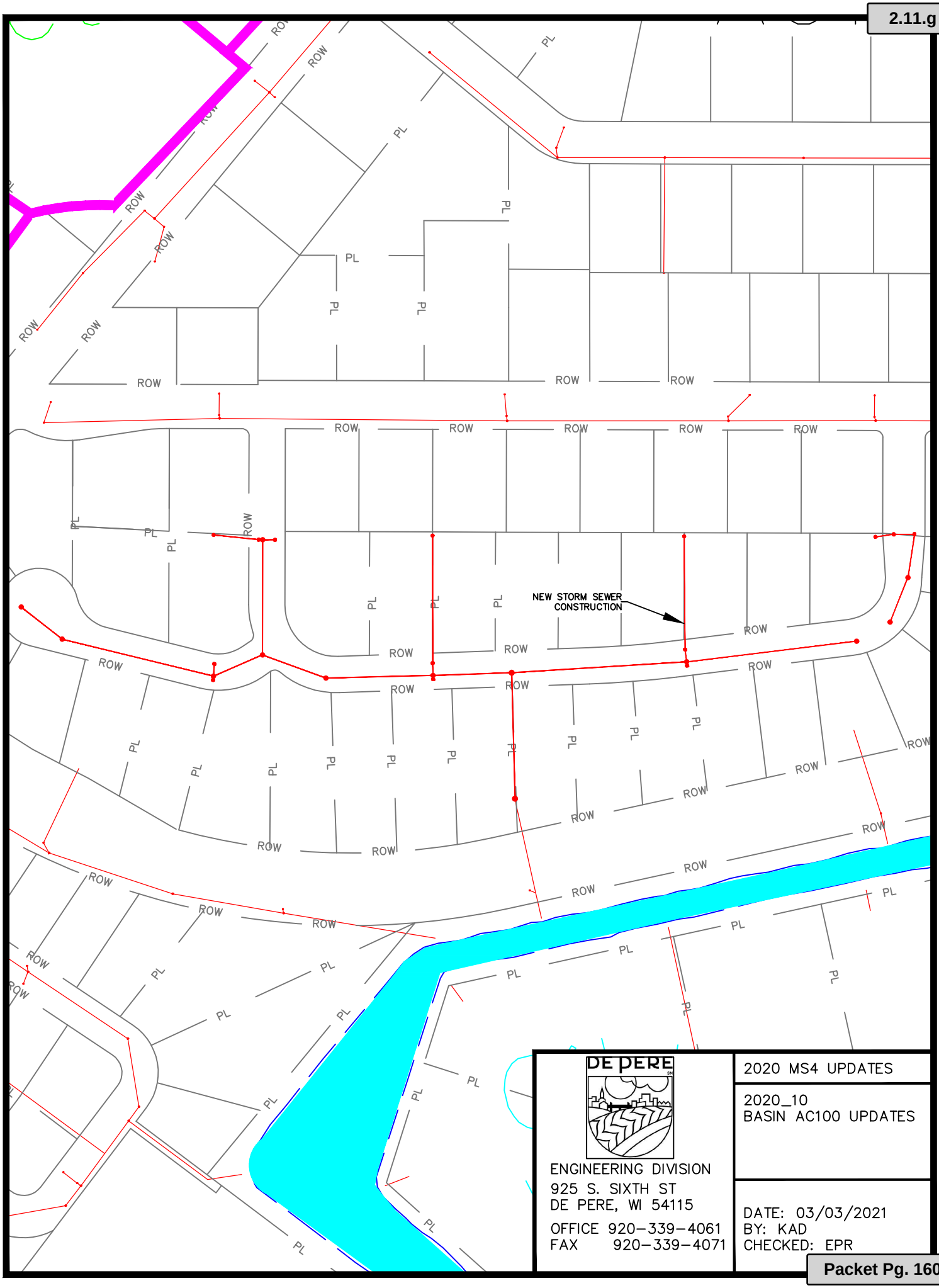
AREA MOVED TO FW110

DE PERE
ENGINEERING DIVISION
925 S. SIXTH ST
DE PERE, WI 54115
OFFICE 920-339-4061
FAX 920-339-4071

2020 MS4 UPDATES

2020_9
BASIN FW070 & FW110 UPDATES

DATE: 03/03/2021
BY: KAD
CHECKED: EPR



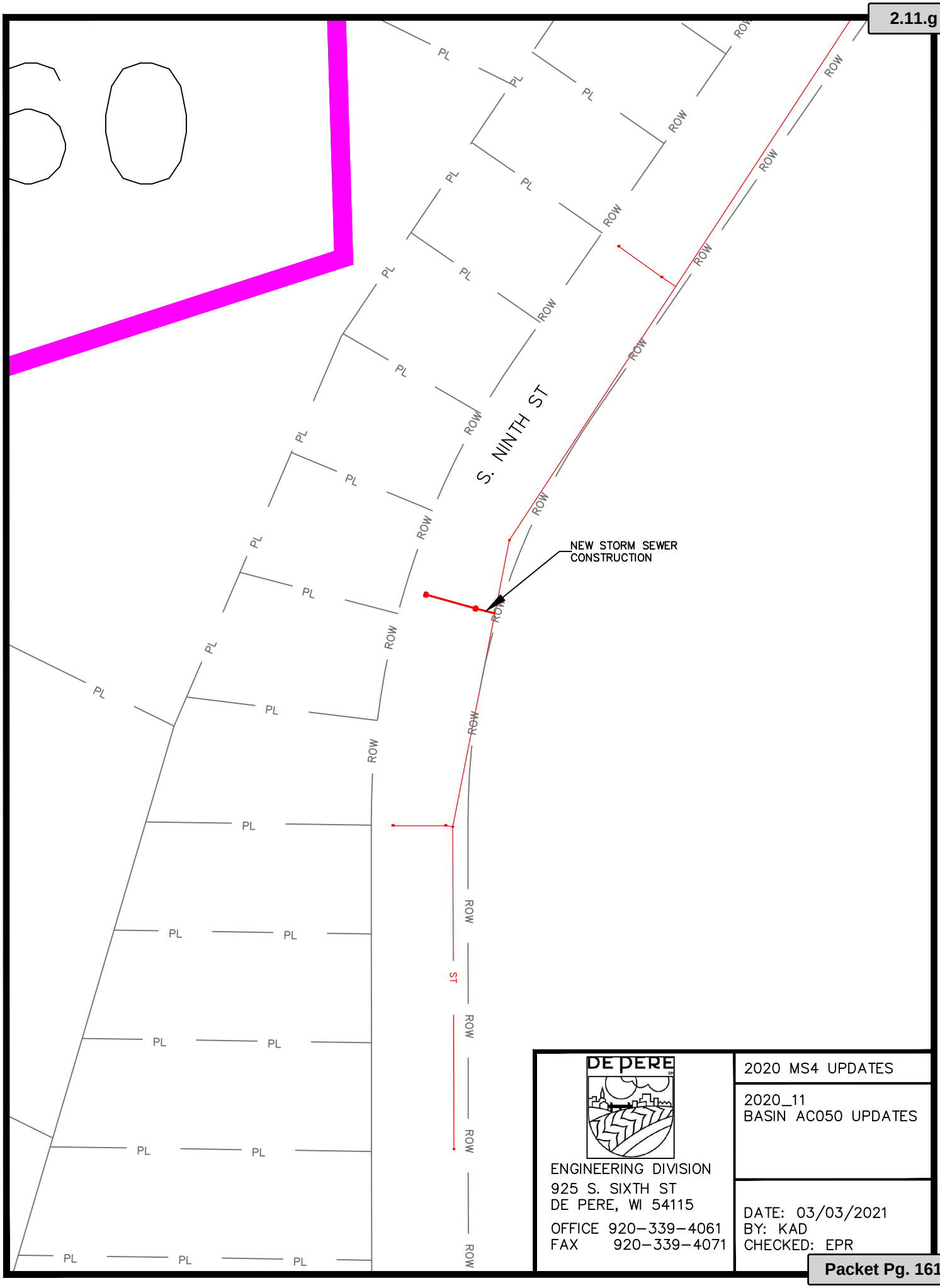
DE PERE

ENGINEERING DIVISION
925 S. SIXTH ST
DE PERE, WI 54115
OFFICE 920-339-4061
FAX 920-339-4071

2020 MS4 UPDATES

2020_10
BASIN AC100 UPDATES

DATE: 03/03/2021
BY: KAD
CHECKED: EPR

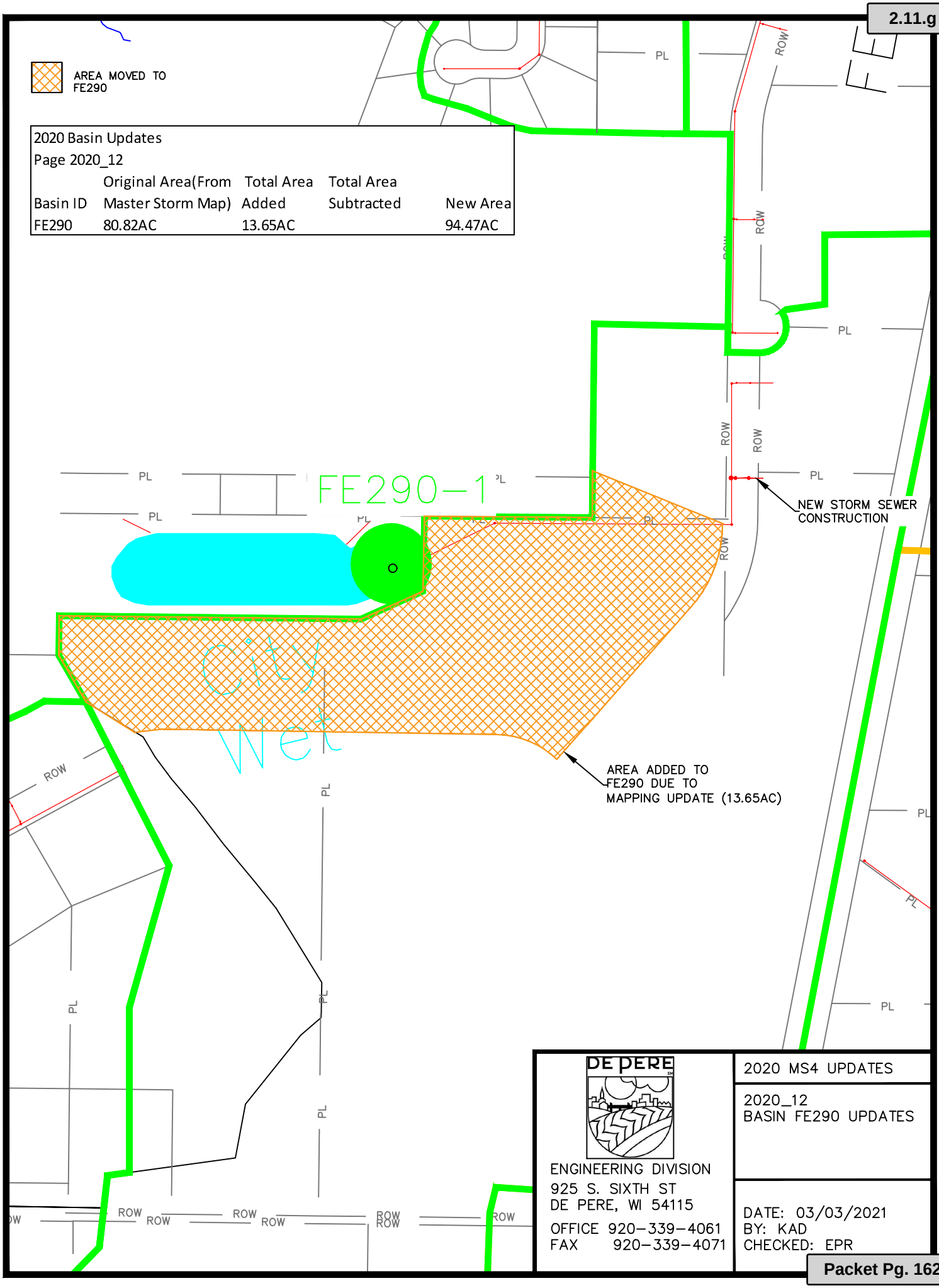


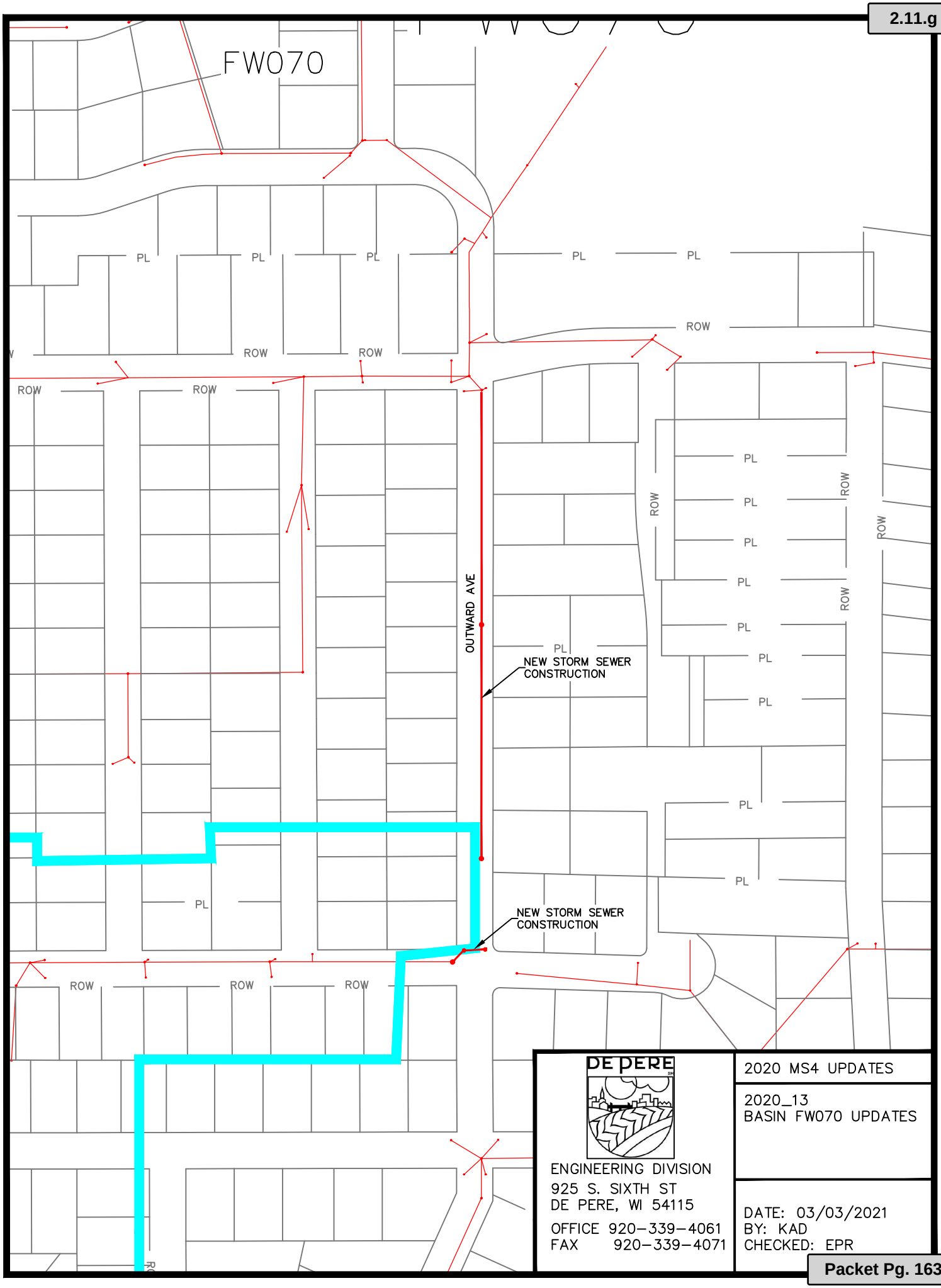
DE PERE
ENGINEERING DIVISION
925 S. SIXTH ST
DE PERE, WI 54115
OFFICE 920-339-4061
FAX 920-339-4071

2020 MS4 UPDATES

2020_11
BASIN AC050 UPDATES

DATE: 03/03/2021
BY: KAD
CHECKED: EPR


AREA MOVED TO FE290
2020 Basin Updates
Page 2020_12
Basin ID | Original Area(From Master Storm Map) | Total Area Added | Total Area Subtracted | New Area
FE290 | 80.82AC | 13.65AC | | 94.47AC
FE290-1
NEW STORM SEWER CONSTRUCTION
AREA ADDED TO FE290 DUE TO MAPPING UPDATE (13.65AC)
City Wet
PL
ROW
DE PERE
ENGINEERING DIVISION
925 S. SIXTH ST
DE PERE, WI 54115
OFFICE 920-339-4061
FAX 920-339-4071
2020 MS4 UPDATES
2020_12
BASIN FE290 UPDATES
DATE: 03/03/2021
BY: KAD
CHECKED: EPR



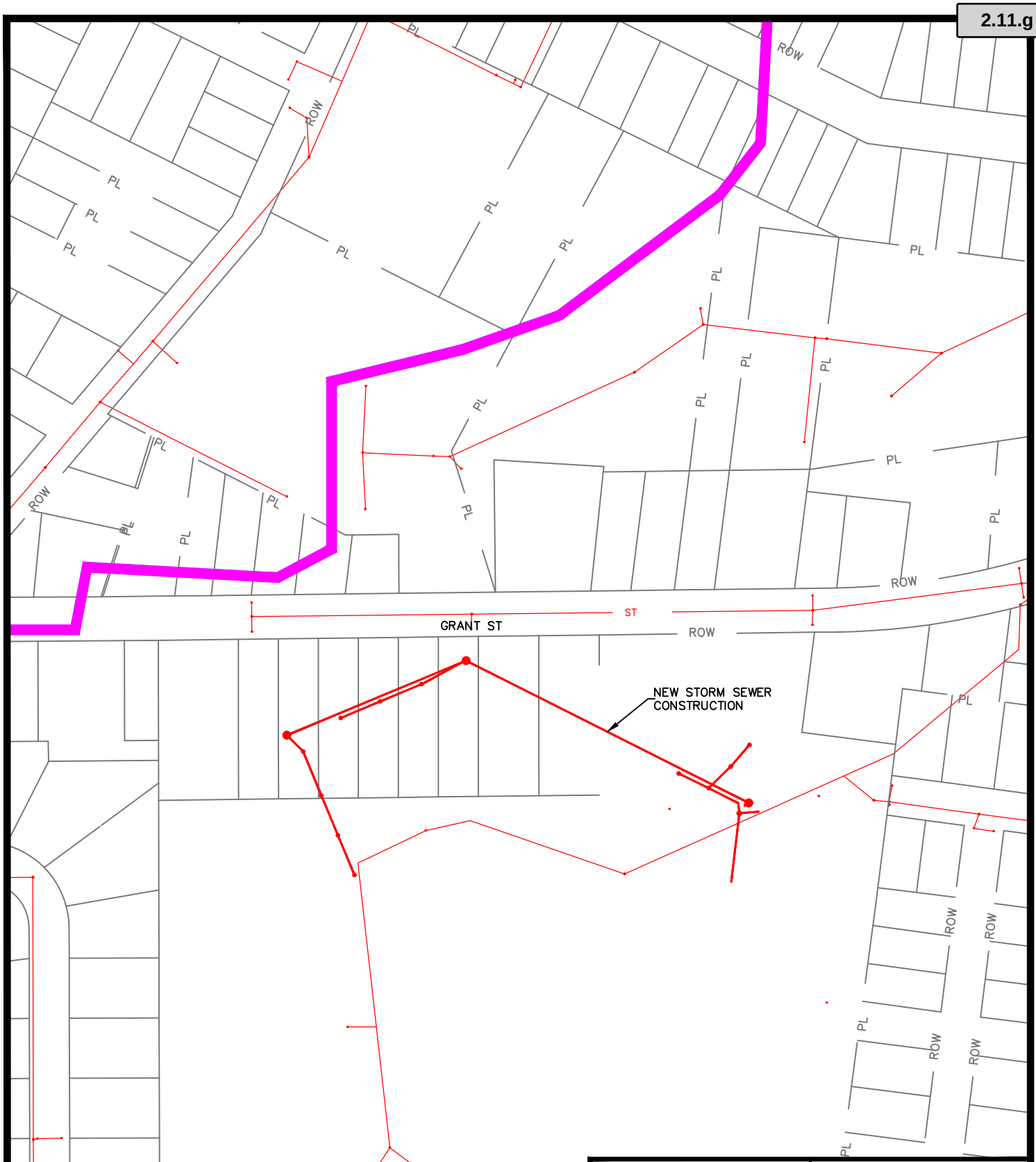
DE PERE

ENGINEERING DIVISION
925 S. SIXTH ST
DE PERE, WI 54115
OFFICE 920-339-4061
FAX 920-339-4071

2020 MS4 UPDATES

2020_13
BASIN FW070 UPDATES

DATE: 03/03/2021
BY: KAD
CHECKED: EPR



FW070

DE PERE

ENGINEERING DIVISION
925 S. SIXTH ST
DE PERE, WI 54115
OFFICE 920-339-4061
FAX 920-339-4071

2020 MS4 UPDATES

2020_14
BASIN FW070 UPDATES

DATE: 03/03/2021
BY: KAD
CHECKED: EPR

AC010
8.9 Acres
AC020
10.7 Acres
FW010
25 Acres
FW015
8.9 Acres
FE010
5.2 Acres
FE010
59.4 Acres
FE030
123.6 Acres
FE070
39.8 Acres
FE050
160.3 Acres
1.8 Acres
FE120
2.8 Acres
FE130
34 Acres
FE110
137.5 Acres
FW100
11.1 Acres
FW110
63.6 Acres
FW130
4.5 Acres
FW120
13.1 Acres
FW110
63.6 Acres
FW140
3.6 Acres
FW150
2.7 Acres
FE170
3.5 Acres
FE170
2.8 Acres
FE160
44.6 Acres
FE150
127.3 Acres
FE190
88.4 Acres
FE210
30.4 Acres
FE240
65.8 Acres
FE230
13.2 Acres
FE240
65.8 Acres
ER050
219.3 Acres
ER040
140.1 Acres
ER030
289.3 Acres
ER010
241 Acres

MS4 Drainage System

- Minor Outfalls
- Major Outfalls
- Storm Manhole
- Storm End Wall
- Storm Catch Basin
- Collectors

Publically Owned Land

- De Pere Recreational Areas
- De Pere Municipal Facilities

Natural Resources

- 303(d) Impaired Waters
- City Pond
- WDNR Wetland Inventory (Less Than 2 Acres)
- WDNR Wetland Inventory (2 Acres or Greater)

WPDES Industrial Permits

- WPDES Industrial Permit I.D.

Other Mapped Features

- Municipal Boundary
- Parcel Lines

TMDL Watershed Basins

- Fox East Basins
- East River Basins
- Fox West Basins
- Ashwaubenon Creek Basins

1 inch = 500 feet

N
W E
S

Disclaimer: The property lines, right-of-way lines, and other property information on this drawing are developed or obtained as part of the County Geographic Information System or through the County property tax mapping function. The City of De Pere does not guarantee this information to be correct, current or complete. The property and right-of-way information are only intended for use as a general referance and are not intended or suitable for site-specific use. Any use to the contrary of the above stated uses is the responsibility of the user and such use is at the user's own risk.

DE PERE SM

MS4 SYSTEM UPDATED 03/2021

STORM SEWER MANAGEMENT PLAN
CITY OF DE PERE
BROWN COUNTY, WISCONSIN

FW070
325.7 Acres
FW180
38.2 Acres
FW190
3.7 Acres
FW200
629.2 Acres
FW210
3.6 Acres
FW230
13.5 Acres
FW270
23.5 Acres
FE230
13.2 Acres
FE240
65.8 Acres
FE250
5 Acres
FE190
88.4 Acres
FE260
98.9 Acres
FE270
51.6 Acres
FE275
23.2 Acres
FE280
129.7 Acres
FE290
94.4 Acres
ER050
219.3 Acres
ER055
10.8 Acres
ER060
22.4 Acres
ER065
7.3 Acres
ER080
105.4 Acres
ER090
4 Acres
ER095
8.3 Acres
ER110
68.1 Acres
ER120
99.7 Acres
ER130
98.8 Acres
8
4
11
0
15
HERITAGE RD
ROCKLAND RD
OLD PLANK RD
GREENLEAF RD (HWY 57-32)
OLD JANSSEN TR
PROSPER ST
O'KEEFE RD
SCHEURING RD
AUTUMN
SCHUETTE TR
AZALEA TR
DRIFTWOOD
ROSEMARY LN
PROSPECT PL
FOX RIDGE
LOST DUTCHMAN RD
SETTLERS TR
FOX CREST DR
N LOST DUTCHMAN RD
S FOX CREST DR
S GOOSE POINT RD
SANDSBORO DR
ROSE LN
ROBIN ST
HUMMER ST
CARDINAL ST
BLUEBIRD ST
COLONIAL ST
MEADOWLARK ST
RIVER VIEW ST
RIVER ST
TANAGER TR
FLICKER TR
MISSION HEIGHTS
RAILROAD ST
TURTLE DOVE
SWALLOW TR
SHOREVIEW RD
SETTLERS TR
ROBIN CREST
ROBIN RD
HORSE SHOE LN
PAINTED HORSE TR
MUSTANG TR
ROCKY RIDGE TR
BROWNLEAF CT
ENTERPRISE DR
SCHUETTE CT
SCHUETTE LN
SCHUETTE CIR
SCHUETTE LOOP
REVERE TR
MAPLEWOOD DR
MAPLEWOOD CT
MAPLEWOOD LN
SOUTHWOOD RD
WESTWOOD CT
BRIARWOOD CT
CUMMINGS DR
OAK WATER CT
BRANDEUR OAKS
CORNELIUS MARTIN CT
PLANK CT
GREENLEAF RD (HWY 57-32)
ROCKLAND RD
HOMESTEAD DR
OLD PLANK RD
OLD JANSSEN TR
GREENLEAF RD (HWY 57-32)
PROJECT PL
BRIARWOOD DR
N MELCORN CI
W MELCORN CI
S MELCORN CI
KILLARNY TR
RYAN RD
ROTH RD
TROUSDELL LN
TRAILSIDE CT
DIVERSITY DR
WISCANSET OAK CT
ESCANABE OAK CT
SCHMIDT RD
DEER POINT LN
MILLENNIUM CT

MS4 Drainage System

- Minor Outfalls
- Major Outfalls
- Storm Manhole
- Storm End Wall
- Storm Catch Basin
- Collectors

Publically Owned Land

- De Pere Recreational Areas
- De Pere Municipal Facilities

Natural Resources

- 303(d) Impaired Waters
- City Pond
- WDNR Wetland Inventory (Less Than 2 Acres)
- WDNR Wetland Inventory (2 Acres or Greater)

WPDES Industrial Permits

- WPDES Industrial Permit I.D.

Other Mapped Features

- Municipal Boundary
- Parcel Lines

TMDL Watershed Basins

- Fox East Basins
- East River Basins
- Fox West Basins
- Ashwaubenon Creek Basins

1 inch = 500 feet

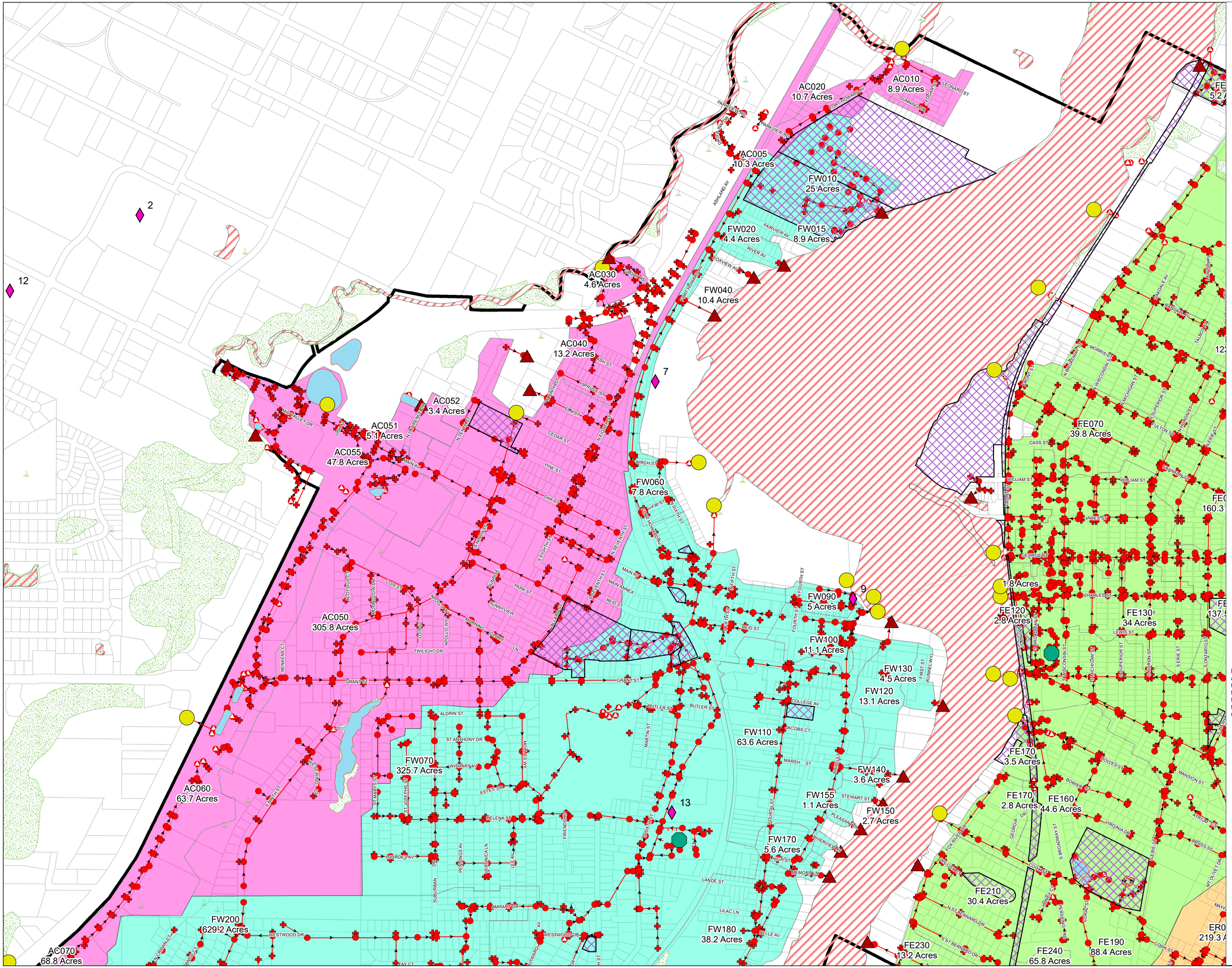
N
W E
S

Disclaimer: The property lines, right-of-way lines, and other property information on this drawing are developed or obtained as part of the County Geographic Information System or through the County property tax mapping function. The City of De Pere does not guarantee this information to be correct, current or complete. The property and right-of-way information are only intended for use as a general referance and are not intended or suitable for site-specific use. Any use to the contrary of the above stated uses is the responsibility of the user and such use is at the user's own risk.

DE PERE SM

MS4 SYSTEM UPDATED 03/2021

STORM SEWER MANAGEMENT PLAN
CITY OF DE PERE
BROWN COUNTY, WISCONSIN



MS4 Drainage System

- Minor Outfalls
- Major Outfalls
- Storm Manhole
- Storm End Wall
- Storm Catch Basin
- Collectors

Publically Owned Land

- De Pere Recreational Areas
- De Pere Municipal Facilities

Natural Resources

- 303(d) Impaired Waters
- City Pond
- WDNR Wetland Inventory (Less Than 2 Acres)
- WDNR Wetland Inventory (2 Acres or Greater)

WPDES Industrial Permits

- WPDES Industrial Permit I.D.

Other Mapped Features

- Municipal Boundary
- Parcel Lines

TMDL Watershed Basins

- Fox East Basins
- East River Basins
- Fox West Basins
- Ashwaubenon Creek Basins

1 inch = 500 feet

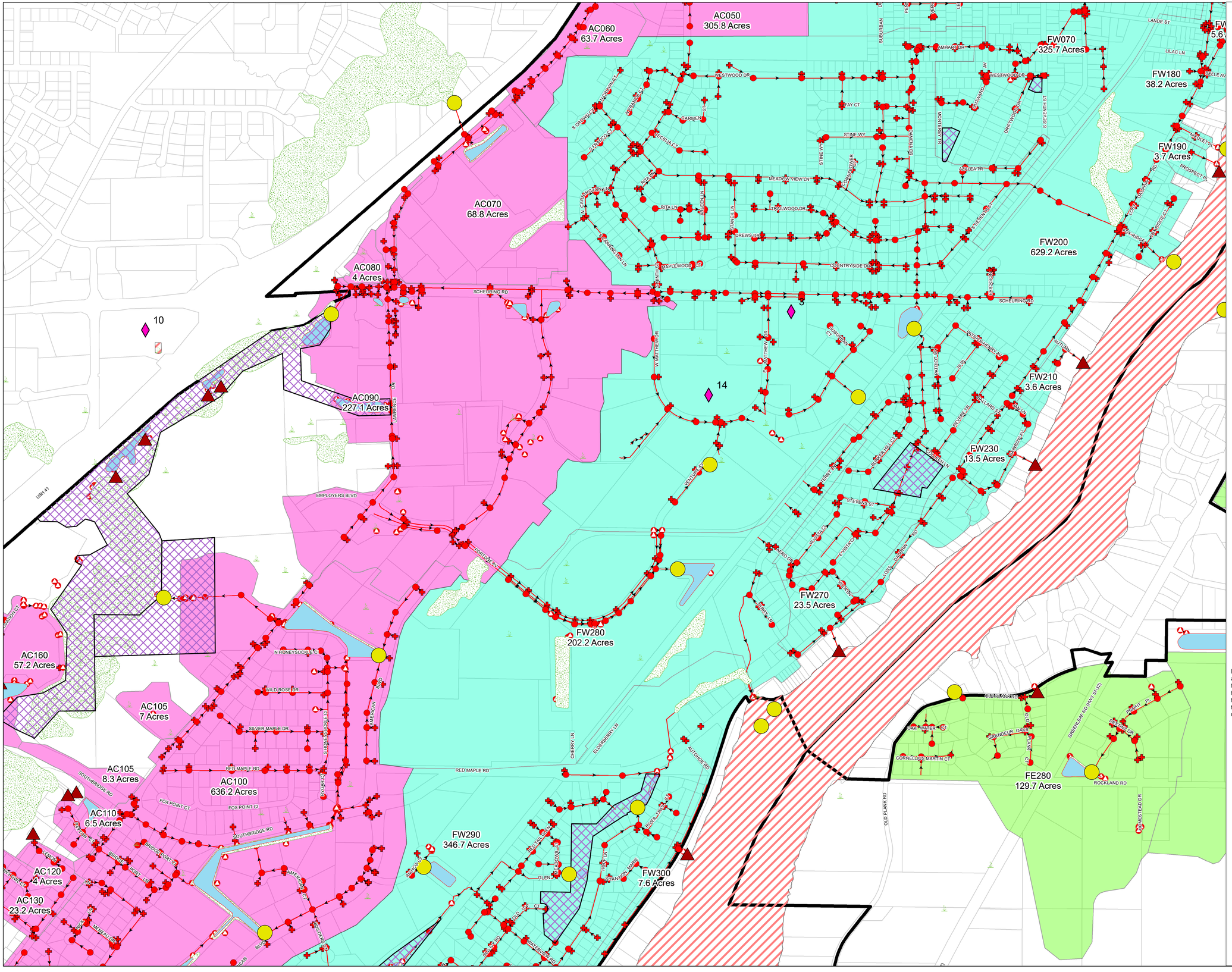
N
W E
S

Disclaimer: The property lines, right-of-way lines, and other property information on this drawing are developed or obtained as part of the County Geographic Information System or through the County property tax mapping function. The City of De Pere does not guarantee this information to be correct, current or complete. The property and right-of-way information are only intended for use as a general referance and are not intended or suitable for site-specific use. Any use to the contrary of the above stated uses is the responsibility of the user and such use is at the user's own risk.

DE PERE

MS4 SYSTEM UPDATED 03/2021

STORM SEWER MANAGEMENT PLAN
CITY OF DE PERE
BROWN COUNTY, WISCONSIN



MS4 Drainage System

- Minor Outfalls
- Major Outfalls
- Storm Manhole
- Storm End Wall
- Storm Catch Basin
- Collectors

Publically Owned Land

- De Pere Recreational Areas
- De Pere Municipal Facilities

Natural Resources

- 303(d) Impaired Waters
- City Pond
- WDNR Wetland Inventory (Less Than 2 Acres)
- WDNR Wetland Inventory (2 Acres or Greater)

WPDES Industrial Permits

- WPDES Industrial Permit I.D.

Other Mapped Features

- Municipal Boundary
- Parcel Lines

TMDL Watershed Basins

- Fox East Basins
- East River Basins
- Fox West Basins
- Ashwaubenon Creek Basins

1 inch = 500 feet

N
W E
S

Disclaimer: The property lines, right-of-way lines, and other property information on this drawing are developed or obtained as part of the County Geographic Information System or through the County property tax mapping function. The City of De Pere does not guarantee this information to be correct, current or complete. The property and right-of-way information are only intended for use as a general referance and are not intended or suitable for site-specific use. Any use to the contrary of the above stated uses is the responsibility of the user and such use is at the user's own risk.

DE PERE

MS4 SYSTEM
UPDATED 03/2021

STORM SEWER MANAGEMENT PLAN
CITY OF DE PERE
BROWN COUNTY, WISCONSIN

AC090
227.1 Acres

FW200
629.2 Acres

AC160
57.2 Acres

FW280
202.2 Acres

AC105
7 Acres

AC105
8.3 Acres

AC110
6.5 Acres

AC120
4 Acres

AC130
23.2 Acres

AC140
12.5 Acres

AC100
636.2 Acres

FW300
7.6 Acres

FW290
346.7 Acres

AC150
41.8 Acres

AC170
31.1 Acres

AC180
17.4 Acres

FW310
73.8 Acres

FW300
28.3 Acres

MS4 Drainage System

- Minor Outfalls
- Major Outfalls
- Storm Manhole
- Storm End Wall
- Storm Catch Basin
- Collectors

Publically Owned Land

- De Pere Recreational Areas
- De Pere Municipal Facilities

Natural Resources

- 303(d) Impaired Waters
- City Pond
- WDNR Wetland Inventory (Less Than 2 Acres)
- WDNR Wetland Inventory (2 Acres or Greater)

WPDES Industrial Permits

- WPDES Industrial Permit I.D.

Other Mapped Features

- Municipal Boundary
- Parcel Lines

TMDL Watershed Basins

- Fox East Basins
- East River Basins
- Fox West Basins
- Ashwaubenon Creek Basins

1 inch = 500 feet

N
W E
S

Disclaimer: The property lines, right-of-way lines, and other property information on this drawing are developed or obtained as part of the County Geographic Information System or through the County property tax mapping function. The City of De Pere does not guarantee this information to be correct, current or complete. The property and right-of-way information are only intended for use as a general referance and are not intended or suitable for site-specific use. Any use to the contrary of the above stated uses is the responsibility of the user and such use is at the user's own risk.

DE PERE SM

MS4 SYSTEM UPDATED 03/2021

STORM SEWER MANAGEMENT PLAN
CITY OF DE PERE
BROWN COUNTY, WISCONSIN

CITY OF DE PERE OUTFALLS

ASHWAUBENON CREEK BASIN

Outfall #	Subbasin #	Pipe Size (Inches)	Type of Outfall
AC010-1	AC010	18	Major
AC070-1	AC070	36	Major
AC100-1	AC100	18	Major
AC041-2	AC160	21	Major
AC030-1	AC030	36	Major
AC050-3	AC050	66	Major
AC055-1	AC055	42	Major
AC060-1	AC060	36	Major
AC090-1	AC090	54	Major
AC100-4	AC100	36	Major
AC100-3	AC100	48	Major
AC100-2	AC100	36	Major
AC100-5	AC100	36	Major
AC100-6	AC100	36	Major
AC100-7	AC100	36	Major
AC100-9	AC100	36	Major
AC100-9 added in 2020			
AC055-1	AC055	42	Major
AC050-1	AC050	18	Minor
AC050-2	AC050	24	Minor
AC050-3	AC050	66	Minor
AC055-2	AC055	24	Minor
AC030-2	AC030	15	Minor
AC055-3	AC055	24	Minor
AC055-4	AC055	24	Minor
AC180-1	AC180	21	Minor
AC041-1*	AC41	21	Minor
AC041-2*	AC41	21	Minor
AC041-3*	AC41	21	Minor
AC041-4*	AC41	21	Minor
AC100-8	AC100	15	Minor
AC100-8 added in 2020			
AC110-1	AC110	8	Minor
AC110-2	AC110	10	Minor
AC120-1	AC120	15	Minor
AC130-1	AC130	12	Minor
AC140-1	AC140	8	Minor
AC140-2	AC140	8	Minor
AC140-3	AC140	12	Minor
AC150-1	AC150	10	Minor
AC170-1	AC170	12	Minor

*Ashwaubenon Creek Ponds

EAST RIVER BASIN

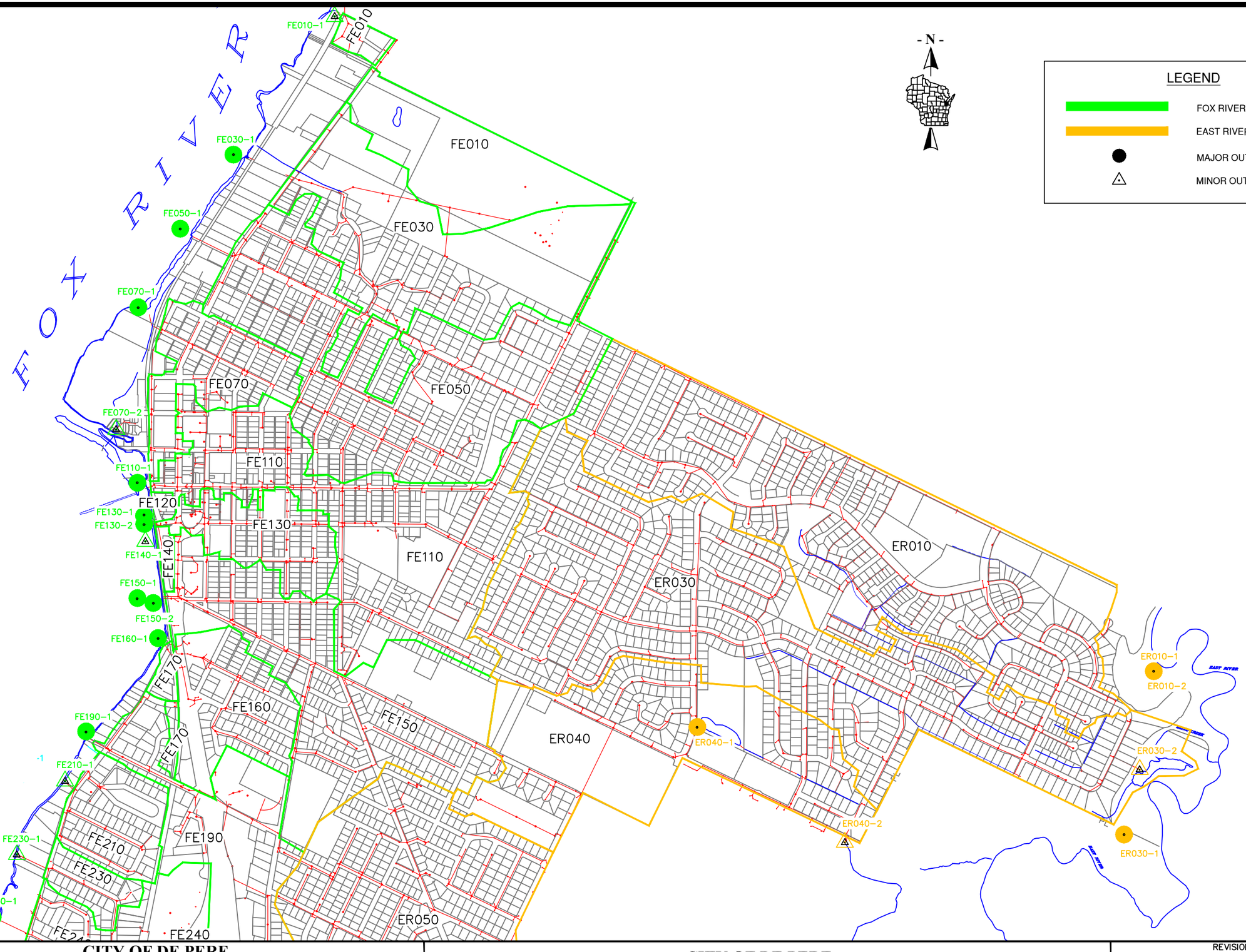
ER010-1	ER010	42	Major
ER010-2	ER010	42	Major
ER030-1	ER030	60	Major
ER080-1	ER080	24	Major
ER040-1	ER040	34X53	Major
ER050-1	ER050	42	Major
ER110-1	ER110	42	Major
ER120-1	ER120	42	Major
ER120-2	ER120	36	Major
ER130-1	ER130	42	Major
ER130-2	ER130	36	Major
ER130-3	ER130	30	Minor
ER130-3 added in 2019			
ER040-2	ER040	30	Minor
ER030-2	ER030	21	Minor
ER060-1	ER060	21	Minor

FOX RIVER WEST BASIN

Outfall #	Subbasin #	Pipe Size (Inches)	Type of Outfall
FW060-1	FW060	18	Major
FW070-1	FW070	60X87	Major
FW090-1	FW090	18	Major
FW100-1	FW100	30	Major
FW100-2	FW100	42	Major
FW180-1	FW180	60	Major
FW200-1	FW200	72	Major
FW280-1	FW280	72	Major
FW290A-1	FW290A	72	Major
FW200-2	FW200	42	Major
FW200-3	FW200	36	Major
FW200-4	FW200	30	Major
FW280-2	FW280	42	Major
FW290-1	FW290	52	Major
FW290-2	FW290	54	Major
FW290-3	FW290	42	Major
FW290-4	FW290	42	Major
FW290-5	FW290	36	Major
FW020-1	FW020	12	Minor
FW155-1	FW155	8	Minor
FW160-1	FW160	8	Minor
FW010-1	FW010	24	Minor
FW040A-1	FW040A	15	Minor
FW040A-2	FW040A	18	Minor
FW120-1	FW120	16	Minor
FW130-1	FW130	16	Minor
FW140-1	FW140	12	Minor
FW150-1	FW150	12	Minor
FW170-1	FW170	12	Minor
FW190A-1	FW190A	8	Minor
FW210-1	FW210	12	Minor
FW230-1	FW230	21	Minor
FW270-1	FW270	24	Minor
FW300-1	FW300	18	Minor

FOX RIVER EAST BASIN

FE030-1	FE030	72	Major
FE050-1	FE050	65x40	Major
FE070-1	FE070	36	Major
FE110-1	FE110	38x60	Major
FE130A-1	FE130A	24x38	Major
FE130A-2	FE130A	24x38	Major
FE150-1	FE150	30	Major
FE150-2	FE150	42	Major
FE160-1	FE160	42	Major
FE190-1	FE190	24	Major
FE240-1	FE240	24	Major
FE270-1	FE270	60	Major
FE270-2	FE270	48	Major
FE280-2	FE280	48	Major
FE280-3	FE280	42	Major
FE260-1	FE260	36	Major
FE260-2	FE260	42	Major
FE290-1	FE290	42	Major
FE280-1	FE280	12	Minor
FE010-1	FE010	30	Minor
FE070-2	FE070	24	Minor
FE140-1	FE140	24	Minor
FE210-1	FE210	24	Minor
FE230-1	FE230	21	Minor



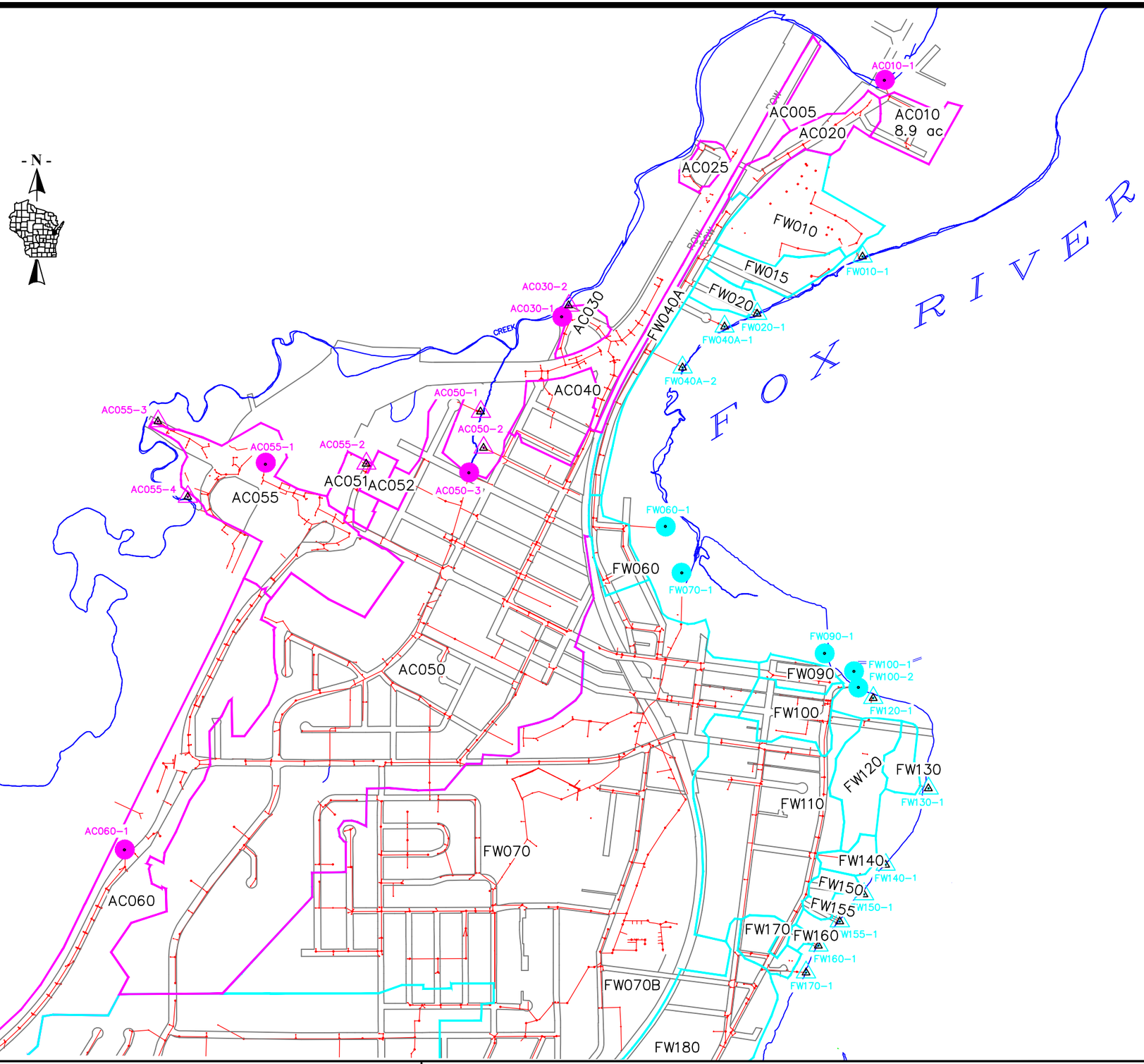
CITY OF DE PERE

ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

CITY OF DE PERE
MAJOR & MINOR OUTFALLS NE REGION

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS
1	03-2020	KAD	MAJOR AND MINOR OUTFALLS UPDATED
2	03-2021	KAD	MAJOR AND MINOR OUTFALLS UPDATED

G:\Storm\System Map\MASTER STORM SYSTEM MAP.dwg



LEGEND

- FOX RIVER WEST BASIN
- ASHWAUBEON CREEK BASIN
- MAJOR OUTFALL
- MINOR OUTFALL

DE PERE

CITY OF DE PERE

ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

CITY OF DE PERE
MAJOR & MINOR OUTFALLS NW REGION

REVISIONS / ISSUES

NO.	DATE	BY	REMARKS
1	03-2020	KAD	MAJOR AND MINOR OUTFALLS UPDATED
2	02-2021	KAD	MAJOR AND MINOR OUTFALLS UPDATED

X:\ENG\Storm\System Map\MASTER STORM SYSTEM MAP.dwg

FOX RIVER

FE240
FE250
FE260
FE260–1
FE260–2
FE270–1
FE270–2
FE270
FE275
FE280
FE280–1
FE280–2
FE280–3
FE290
FE290–1
ER050–1
ER055
ER060
ER060–1
ER065
ER080
ER080–1
ER090
ER095
ER110
ER110–1
ER120
ER120–1
ER120–2
ER130
ER130–1
ER130–2
ER130–3
ROW

- N -

LEGEND

- FOX RIVER EAST BASIN
- EAST RIVER BASIN
- MAJOR OUTFALL
- MINOR OUTFALL

DE PERE

CITY OF DE PERE

ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920–339–4061 FAX 920–339–4071

CITY OF DE PERE
MAJOR & MINOR OUTFALLS SE REGION

REVISIONS / ISSUES

NO.	DATE	BY	REMARKS
1	03–2020	KAD	MAJOR AND MINOR OUTFALLS UPDATED
2	03–2021	KAD	MAJOR AND MINOR OUTFALLS UPDATED

X:\ENG\Storm System Map\MASTER STORM SYSTEM MAP.dwg

- N -

AC070–1
AC070
AC080
PL
FW200
FW180–1
FW190A
FW190A–1
FW200–1
AC090–1
AC090
FW200–2
FW210
FW210–1
AC041–2
AC041–3
AC041–1
FW200–3
AC041–4
FW200
FW200–4
FW230
FW230–1
FW270
AC100–1
FW280–2
FW280
AC100–4
AC160
AC160–1
AC105
AC100
FW270–1
FW280–1
FW290
FW290A–1
AC105
AC110–1
AC110–2
AC130–1
AC120–1
AC110
AC120
FW290–1
FW300–1
AC130
FW290–3
FW290–2
FW300
AC140–2
AC140–1
AC140–3
AC100–3
AC140
AC150–1
AC100–2
AC170–1
AC150
FW290–4
FW290

FOX RIVER

LEGEND

- FOX RIVER WEST BASIN
- ASHWAUBEON CREEK BASIN
- MAJOR OUTFALL
- MINOR OUTFALL

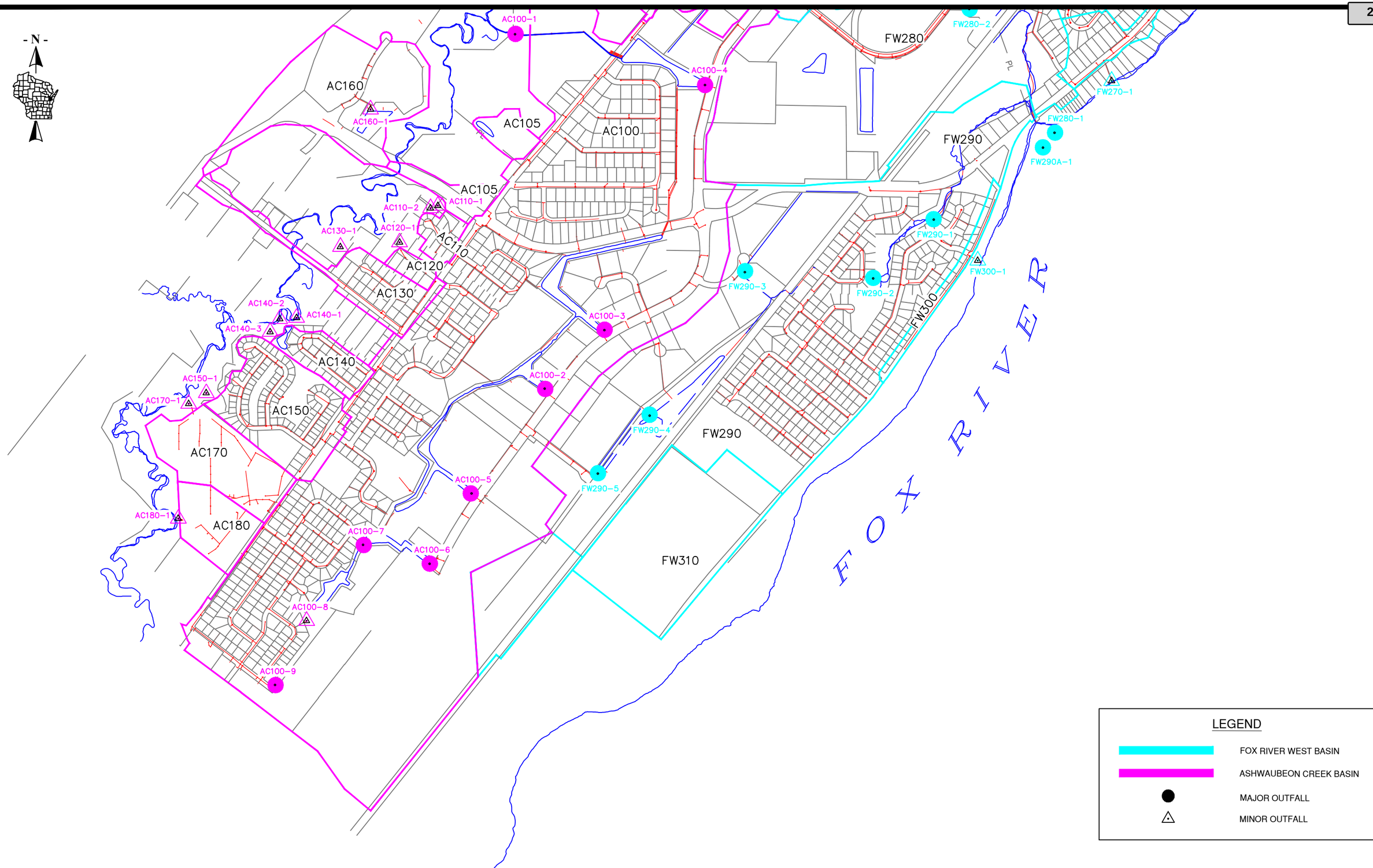
DE PERE
CITY OF DE PERE
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920–339–4061 FAX 920–339–4071

CITY OF DE PERE
MAJOR & MINOR OUTFALLS SW REGION

REVISIONS / ISSUES

NO.	DATE	BY	REMARKS
1	03–2020	KAD	MAJOR AND MINOR OUTFALLS UPDATED
2	03–2021	KAD	MAJOR AND MINOR OUTFALLS UPDATED

X:\ENG\Storm System Map\MASTER STORM SYSTEM MAP.dwg



LEGEND

- FOX RIVER WEST BASIN
- ASHWAUBEON CREEK BASIN
- MAJOR OUTFALL
- MINOR OUTFALL

DE PERE

CITY OF DE PERE

ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

CITY OF DE PERE
MAJOR & MINOR OUTFALLS SW REGION

REVISIONS / ISSUES

NO.	DATE	BY	REMARKS
1	03-2020	KAD	MAJOR AND MINOR OUTFALLS UPDATED
2	02-2021	KAD	MAJOR AND MINOR OUTFALLS UPDATED

X:\ENG\Storm\System Map\MASTER STORM SYSTEM MAP.dwg

ASHWAUBENON CREEK - CITY OF DE PERE, WI
Modifications/Upgrades for TSS Reduction
2020 MS4 Annual Report
Last Update - March 4, 2021

Modifications/Upgrades to Existing Basins

	Beginning of Year Totals (Carry to Next Year) (See Note 2)						Calender Year 2020 Modifications						End of Year Totals (Carry to Next Year) (See Note 2)					
Basin	Area (acres) (Note 2)	Total Suspended Solids No Controls (lbs/acre/yr)	Total Suspended Solids No Controls (lbs/yr) (Note 2)	Total Suspended Solids With Controls (lbs/yr) (Note 2)	Percent TSS Reduction (Note 2)	TSS Reduction	Area Modifications (acres)	Total Suspended Solids No Controls - New Treatment Area (lbs/yr)	Modeled Percent TSS Reduction	Total Suspended Solids Reduction (lbs/year)	Additional Suspended Solids Reduction (lbs/year)	Comment - 2020 Changes	Area (acres) (Note 2)	Total Suspended Solids No Controls (lbs/yr) (Note 2)	Total Suspended Solids With Controls (lbs/yr) (Note 2)	Percent TSS Reduction (Note 2)	TSS Reduction	Comment for Next Year
AC005	16.119	477	7,694	7,559	1.8%	135							16.119	7,694	7,559	1.8%	135	
AC010	8.923	265	2,361	2,037	13.7%	324							8.923	2,361	2,037	13.7%	324	
AC020	10.718	326	3,495	3,022	13.5%	473							10.718	3,495	3,022	13.5%	473	
AC025	3.4	488	1,659	1,445	12.9%	214							3.4	1,659	1,445	12.9%	214	
AC030	4.6	488	2,247	1,956	12.9%	291							4.6	2,247	1,956	12.9%	291	
AC040	13.183	310	4,089	3,403	16.8%	686							13.183	4,089	3,403	16.8%	686	
AC050	291.118	288	83,842	52,653	37.2%	31,189	8.84	288	37.2%	947		Area moved from FW070	299.96	86,388	54,252	37.2%	32,136	
AC051	5.13	288	1,477	241	80.6%	1,237							5.13	1,477	241	80.6%	1,237	
AC052	3.38	0	0			0							3.38	0			0	
AC055	24.34	502	12,225	3,738	69.4%	8,487							24.34	12,225	3,738	69.4%	8,487	
AC060	50.506	489	24,719	8,133	67.1%	16,587							50.506	24,719	8,133	67.1%	16,587	
AC070	68.77	479	32,916	9,427	71.4%	23,489							68.77	32,916	9,427	71.4%	23,489	
AC080	3.999	502	2,009	701	65.1%	1,308							3.999	2,009	701	65.1%	1,308	
AC090	226.369	448	101,364	29,557	70.8%	71,807							226.369	101,364	29,557	70.8%	71,807	
AC100	620.065	263	163,073	32,615	80.0%	130,458							620.065	163,073	32,615	80.0%	130,458	
		263					15.92	4,186	85.3%	3,569	3,569	RE Lee Report of new pond	15.92	4,187	617	85.3%	3,570	
AC105	15.254	267	4,069	1,426	65.0%	2,643							15.254	4,069	1,426	65.0%	2,643	
AC110	6.497	203	1,320	254	80.7%	1,066							6.497	1,320	254	80.7%	1,066	
AC120	3.993	197	788	646	18.0%	142							3.993	788	646	18.0%	142	
AC130	23.238	235	5,466	3,112	43.1%	2,354							23.238	5,466	3,112	43.1%	2,354	
AC140	12.462	195	2,428	409	83.1%	2,019							12.462	2,428	409	83.1%	2,019	
AC150	41.82	160	6,681	1,278	80.9%	5,403							41.82	6,681	1,278	80.9%	5,403	
AC160	60.318	343	20,717	4,749	77.1%	15,968	(3.34)						60.318	20,717	4,749	77.1%	15,968	
AC170	68.77	479	32,916	5,946	81.9%	26,970							68.77	32,916	5,946	81.9%	26,970	
AC180	17.352	49	843	26	96.9%	817							17.352	843	26	96.9%	817	
AC190		109					15.30	109	87.8%	1,464	1,464	New basin with private pond in 2020.	18.64	2,032	248	87.8%	1,784	
		109					3.34	109	87.8%	320	320	Area from AC 160						
Total	1,600.32		518,399	174,332	66.4%	344,067					5,352		1,643.72	527,163	176,796	66.5%	350,368	

Assumptions
(1) Agricultural lands in the Lower Fox River Mainstream HUC-12 are discharging 540lbs/acre of TSS. Assume a 5% TSS reduction.
(2) Copy the values from the End of Year Totals to Beginning of Year Totals for the next calendar year. Delete extra rows at the beginning of each year. These are the rows that summarize multiple actions within a basin.

EAST RIVER - CITY OF DE PERE, WI
Modifications/Upgrades for TSS Reduction
2020 MS4 Annual Report
Last Update - March 4, 2021

Modifications/Upgrades to Existing Basins

	End of Year Totals 2019						Calender Year 2020 Modifications						End of Year Totals (Carry to Next Year) (See Note 2)					
Basin	Area (acres)	Total Suspended Solids No Controls (lbs/acre/yr)	Total Suspended Solids No Controls (lbs/yr)	Total Suspended Solids With Controls (lbs/yr)	Percent TSS Reduction	TSS Reduction	Additional Area Treated (acres)	Total Suspended Solids No Controls - New Treatment Area (lbs/yr)	Modeled Percent TSS Reduction	Total Suspended Solids Reduction (lbs/year)	Additional Suspended Solids Reduction (lbs/year)	Comment - 2020 Changes	Area (acres)	Total Suspended Solids No Controls (lbs/yr)	Total Suspended Solids With Controls (lbs/yr)	Percent TSS Reduction	TSS Reduction	Comment for Next Year
ER010	241.222	216	52,164	4,766	90.9%	47,398							241.222	52,164	4,766	90.9%	47,398	
ER030	288.859	207	59,775	18,741	68.6%	41,034	0.47	207	68.6%	67		FE050, FE070, FE110, FE130, FE150, ER030, and ER040	289.33	59,872	18,800	68.6%	41,072	
ER040	132.133	265	34,966	14,195	59.4%	20,771	(1.16)	265	59.4%	-183		FE050, FE070, FE110, FE130, FE150, ER030, and ER040	130.973	34,659	14,072	59.4%	20,587	
ER050	208.635	209	43,577	9,412	78.4%	34,165							208.635	43,577	9,412	78.4%	34,165	
ER055	10.819	202	2,188	1,794	18.0%								10.819	2,188	1,794	18.0%		
ER060	22.444	192	4,308	1,054	75.5%	3,254							22.444	4,308	1,054	75.5%	3,254	
ER065	7.053	430	3,031	2,667	12.0%	364		0			0		7.053	3,031	2,667	12.0%	364	
ER080	105.288	470	49,455	6,182	87.5%	43,273		0			0		105.288	49,455	6,182	87.5%	43,273	
ER090	4.046	517	2,090	1,904	8.9%	186							4.046	2,090	1,904	8.9%	186	
ER095	8.325	421	3,503	3,220	8.1%	283							8.325	3,503	3,220	8.1%	283	
ER110	68.139	505	34,436	11,815	65.7%	22,621					3,351	RE Lee remodeled the pond in 2019. Efficiency went from 65.7% to 75.42%	68.139	34,436	8,464	75.4%	25,972	
ER120	96.469	234	22,578	7,534	66.6%	15,044							96.469	22,578	7,534	66.6%	15,044	
ER130	97.154	308	18,376	1,476	84.8%	16,900							59.574	18,376	1,476	84.7%	16,900	
Total	1,290.6		330,447	84,760	74.3%	245,293					3,351		1,252.3	330,237	81,345	75.4%	248,498	

Assumptions
(1) Agricultural lands in the Lower Fox River Mainstream HUC-12 are discharging 540lbs/acre of TSS. Assume a 5% TSS reduction.
(2) Move this End of Year Totals to Beginning of Year Totals for the next calendar year. Delete extra rows at the beginning of each year. These are the rows that summarize multiple actions within a basin.

LOWER FOX RIVER MAINSTREAM - CITY OF DE PERE, WI
Modifications/Upgrades for TSS Reduction
2020 MS4 Annual Report
Last Update -March 4, 2021

Modifications/Upgrades to Existing Basins

	End of Year Totals 2019						Calender Year 2020 Modifications						End of Year Totals 2020					
Basin	Area (acres)	Total Suspended Solids No Controls (lbs/acre/yr)	Total Suspended Solids No Controls (lbs/yr)	Total Suspended Solids With Controls (lbs/yr)	Percent TSS Reduction	TSS Reduction	Area Modifications (Acres)	Total Suspended Solids No Controls - New Treatment Area (lbs/yr)	Modeled Percent TSS Reduction	Total Suspended Solids Reduction (lbs/year)	Additional Suspended Solids Reduction (lbs/year)	Comment - 2020 Changes	Area (acres)	Total Suspended Solids No Controls (lbs/yr)	Total Suspended Solids With Controls (lbs/yr)	Percent TSS Reduction	TSS Reduction	Comment for Next Year
FE010	64.606	273	17,624	15,498	12.10%	2,126							64.606	17,624	15,498	12.10%	2,126	
FE030	123.561	232	28,665	24,522	14.50%	4,143							123.561	28,665	24,522	14.50%	4,143	
FE050	160.776	214	34,377	28,170	18.10%	6,207	(0.39)	214	18.10%	-15		FE050, FE070, FE110, FE130, FE150, ER030, and ER040	160.39	34,294	28,086	18.10%	6,207	
FE070	39.886	271	10,794	8,824	18.30%	1,970	(0.21)	271	18.30%	-10		FE050, FE070, FE110, FE130, FE150, ER030, and ER040	39.676	10,737	8,772	18.30%	1,965	
FE110	137.342	242	33,209	27,647	16.70%	5,562	(2.02)	242	16.70%	-82		FE050, FE070, FE110, FE130, FE150, ER030, and ER040	135.322	32,721	27,256	16.70%	5,464	
FE120	1.82	387	704	580	17.60%	124							1.82	704	580.096	17.60%	124	
FE130	32.459	284	9,228	7,637	17.20%	1,591	3.57	284	17.20%	174		FE050, FE070, FE110, FE130, FE150, ER030, and ER040	36.029	10,243	8,481	17.20%	1,762	
FE140	2.789	139	388	348	10.50%	40							2.789	388	347.26	10.50%	41	
FE150	127.611	268	34,173	28,877	15.50%	5,296	(0.30)	268	15.50%	-12		FE050, FE070, FE110, FE130, FE150, ER030, and ER040	127.311	34,093	28,808	15.50%	5,284	
FE160	42.629	215	9,165	7,735	15.60%	1,430							42.629	9,165	7,735	15.60%	1,430	
FE170	6.249	166	1,040	878	15.60%	162							6.249	1,040	878	15.60%	162	
FE190	17.59	835	14,679	12,372	15.70%	2,307							17.59	14,679	12,372	15.70%	2,307	
	51.87	250	12,968	1504	88.40%	11,463							51.87	12,968	1504	88.40%	11,463	
FE210	30.413	195	5,937	4,929	17.00%	1,008							30.413	5,937	4,929	17.00%	1,008	
FE230	13.221	214	2,830	2,353	16.80%	477							13.221	2,830	2,353	16.80%	477	
FE240	56.309	246	13,866	9,707	30.00%	4,159							56.309	13,866	9,707	30.00%	4,159	
FE250	4.965	201	997	816	18.10%	181							4.965	997	816	18.10%	181	
FE260	104.219	416	43,355	8,671	80.00%	34,684							104.219	43,355	8,671	80.00%	34,684	
FE270	42.165	457	19,269	19,268	8.20%	1							42.165	19,269	19,268	8.20%	1	
														0				
FE275	23.216	291	6,761	1,256	81.40%	5,505							23.216	6,761	1,256	81.40%	5,505	
FE280	127.272	257	32,694	19,865	39.20%	12,829							127.272	32,694	19,865	39.20%	12,829	
FE290	37.108	346	12,839	1618	87.40%	11,222							37.108	12,839	1618	87.40%	11,222	
	58.21	540	31,433	3961	87.40%	27,473							58.21	31,433	3961	87.40%	27,473	
FE310					5.00%									0		5.00%		
FW010	25.055	142	3,567	993	72.20%	2,574							25.055	3,567	993	72.20%	2,574	
FW015	8.853	182	1,615	1,360	15.80%	255							8.853	1,615	1,360	15.80%	255	
FW020	3.298	201	662	542	18.20%	120							3.298	662	542	18.20%	120	
FW040	10.493	426	4,468	4,217	5.60%	251							10.493	4,468	4,217	5.60%	251	
FW060	7.785	233	1,812	1,534	15.30%	278							7.785	1,812	1,534	15.30%	278	
FW070	333.921	264	88,312	76,072	13.90%	12,240	(1.22)	264	13.90%	-45		Area moved to FW110	323.86	85,651	73,746	13.90%	11,906	
							(8.84)	264	13.90%	-324		Area moved to AC050						
FW090	4.984	401	2,000	1,680	16.00%	320							4.984	2,000	1,680	16.00%	320	
FW100	11.052	376	4,156	3,439	17.20%	717							11.052	4,156	3,439	17.20%	717	
FW110	62.419	264	16,495	14,214	13.80%	2,281	1.22	264	13.80%	44		Area moved from FW070	63.64	16,817	14,497	13.80%	2,321	
FW120	13.135	332	4,366	3,890	10.90%	476							13.135	4,366	3,890	10.90%	476	
FW130	4.476	335	1,498	1,336	10.80%	162							4.476	1,498	1,336	10.80%	162	
FW140	3.62	335	1,211	1,080	10.80%	131							3.62	1,211	1,080	10.80%	131	
FW150	2.691	329	886	789	11.00%	97							2.691	886	789	11.00%	97	
FW155	1.111	201	223	183	18.10%	40							1.111	223	183	18.10%	40	
FW160	1.022	201	205	168	18.10%	37							1.022	205	168	18.10%	37	
FW170	5.628	218	1,226	1,008	17.80%	218							5.628	1,226	1,008	17.80%	218	
FW180	38.228	179	6,854	5,823	15.00%	1,031							38.228	6,854	5,823	15.00%	1,031	
FW190	3.672	201	737	604	18.10%	133							3.672	737	604	18.10%	133	
FW200	629.791	306	192,527	111,281	42.20%	81,246							629.791	192,527	111,281	42.20%	81,246	
FW210	3.561	201	715	585	18.10%	130							3.561	715	585	18.10%	130	
FW230	13.484	201	2,708	2,216	18.10%	492							13.484	2,708	2,216	18.10%	492	
FW270	22.826	200	4,565	3,743	18.00%	822							22.826	4,565	3,743	18.00%	822	
FW280	189.281	472	89,344	32,502	63.60%	56,842							189.281	89,344	32,502	63.60%	56,842	
	12.93	201	2,599	2,131	18.00%	468							12.93	2,599	2,131	18.00%	468	Area of FW 280 near Terry Lane that is not treated
FW290	321.329	312	100,255	38,698	61.40%	61,556							321.329	100,255	38,698	61.40%	61,556	
FW300	7.598	211	1,606	1,327	17.40%	279							7.598	1,606	1,327	17.40%	279	
FW310	92.9	0			5.00%								92.9	0		5.00%		New basin with new pond once area is developed. Area is currently agricultural. Waste generation based on agricultural use. Additional suspended solids based on residential land use.
Total	3,141.43		911,608	548,452	39.84%	363,156	8.19				0		3,133.24	909,576	546,657	39.90%	362,918	

Assumptions
(1) Agricultural lands in the Lower Fox River Mainstream HUC-12 are discharging 540lbs/acre of TSS. Assume a 5% TSS reduction.
(2) Move this End of Year Totals to Beginning of Year Totals for the next calendar year. Delete extra rows at the beginning of each year. These are the rows that summarize multiple actions within a basin.

2020
NEWSC PUBLIC OUTREACH AND EDUCATION ACTIVITIES

FOX-WOLF
WATERSHED ALLIANCE

Report complied by:
Kelly Reyer
Outreach Coordinator
Kelly@fwwa.org

NEWSC

NEWSC OUTREACH AND EDUCATION & Impacts from the Covid-19 Pandemic

2020: NEWSC outreach and education efforts were severely impacted by Covid-19. Despite the limitations for public gatherings and education in schools, a lot was still accomplished.

- (4) communities received school outreach, De Pere, Appleton, Oshkosh, and Fond du Lac, reaching approximately 276 students
- (2) exhibiting events, one in Oshkosh and one in Green Bay
- More sharing and content on our social media accounts and followers have grown significantly
- The Source e-newsletter was revamped and is sent out monthly with MS4 related content
- 834 volunteers participated in the 2020 Fox-Wolf Watershed Cleanup, and we had the most sponsors in the event's history support the event
- TV coverage from all local stations, and "What is a Watershed" article featured on the cover of all Gannet newspapers.
- Working with the new WI Salt Wise Coordinator on salt reduction efforts including social media posts, informational webinars, and Salt Awareness Week in January 2021
- Citizen Science: getting local volunteers to participate in chloride monitoring through the Salt Watch program and litter pickup through the Litterati app
- Sign designs created for the DNR River Planning grant

2021: We will continue our current efforts and hope to resume normal outreach activities including school presentations, exhibiting, and community presentations based on public health guidelines surrounding the Covid-19 pandemic.

- Help coordinate efforts for the 2021 Salt Awareness Week taking place in January
- Plan and coordinate the 2021 Fox-Wolf Watershed Cleanup event taking place on Saturday, May 1st
- Finish all design work and materials for the DNR River Planning grant and work with NEWSC communities to find potential sign winners (private BMP owners)
- Finalize sign winners, order signs, conduct public outreach related to the project
- Send out school outreach brochure in the fall

NEWSC Exhibiting:

Going forward, we will move the communities to receive 2020 NEWSC exhibiting into the forthcoming years of the 5-year MS4 permit cycle. The communities highlighted in yellow were 2020 exhibiting communities that have been added to the list for exhibiting in 2021, 2022, and 2023.

2021	2022	2023	2024
	City of Kaukauna	City of Marinette	City of Fond du Lac
City of Appleton	Winnebago County	Brown County	City of Two Rivers
Fond du Lac County	Village of Allouez	Village of Ashwaubenon	Outagamie County
Village of Bellevue	Village of Eden	Village of Fox Crossing	City of De Pere
Village of Harrison	Village of Howard	Village of Kimberly	City of Manitowoc
Village of N. Fond du Lac	Village of Sherwood	Village of Suamico	City of Neenah
Town of Neenah	Town of Buchanan	Town of Clayton	
Town of Lawrence	Town of Friendship	Town of Grand Chute	
Town of Scott	Town of Greenville	Town of Ledgeview	
Town of Black Wolf	Town of Taycheedah	Village of Combined Locks	
Town of Fond du Lac	Village of Hobart	Village of Little Chute	
	Calumet County	UW Oshkosh	
	City of Menasha		

Kelly Reyer
Outreach Coordinator
Fox-Wolf Watershed Alliance & NEWSC
Kelly@fwwa.org

2020 NEWSC OUTREACH OVERVIEW

School Presentations:

- 1/28/2020 (1) High School club at Appleton North High School (Appleton), approx. reach, 15 students
- 3/11-12/2020 (5) 5th grade classes at West De Pere Elementary School (De Pere), approx. reach 130 students
- 9/10-9/11 2020 9-12th graders from Oshkosh North High School Miller's Bay, Oshkosh, approx. reach 120 students
- 10/01/2020 5th grade classes at STEM Academy in Fond du Lac (virtual meeting), approx. reach 11 students

Community Presentations:

- 1/23/2020 Adopt-a-Storm Drain Kickoff event in Fond du Lac, approx. reach 10 attendees

Social Media:

Facebook: 1,861 likes, 1,972 followers
Instagram: 339 followers, 240 posts

Exhibiting:

- 1/24/2020 Toward Harmony with Nature Wild Ones Conference, Oshkosh, approx. reach 200 attendees
- 3/07/2020 Leopold Event exhibiting at Brown County Library in Green Bay, approx. reach 45 attendees

2020 Fox-Wolf Watershed Cleanup (active participation):

Volunteers: 834 Total Trash Bags: 476 Tires: 16 Electronics: 15 Plastic bags: 1,010 Balloons: 177 Straws: 1,163 Recycle bags: 89

Sponsorships

NEWSC
American Rivers: IN-KIND
Badger Sports. Mag.: IN-KIND
Woodward Comm.: IN-KIND
Community First CU: IN-KIND
91.1 The Avenue: IN-KIND
4imprint: IN-KIND
Essity: $2,500
City of Oshkosh: $2,500
Fund for Lake Michigan: $2,500
City of Appleton: $2,500
Green Bay Packers: $2,500
Cellcom: $1,000

Amcor: $1,000
Encapsys: $1,000
Graymont: $1,000
CN: $1,000
Jewelers Mutual: $1,000
J.F. Brennan: $1,000
We Energies: $1,000
Menasha Corp: $1,000
Water-Right: $1,000
Wolf River Com. Bank: $1,000
WPS Foundation: $1,000
Amcor/Bemis: $1,000
Encapsys: $1,000
Graymont: $1,000
SECURA: $1,000

Badger Labs: $500
Village of Fox Crossing: $500
Plexus: $500
Fox Comm. CU: $500
Great Northern Corp: $500
Great Northern Lam: $500
Mercury Marine: $500
OMNNI Associates: $500
Plexus: $500
Evergreen CU: $200
Gene Frederickson: $100
Thedacare: $100

Total: $30,000

Media:

- **March 19, 2020** - What is a Watershed? (Gannett USA-Today Network): https://www.postcrescent.com/story/news/2020/03/19/wisconsin-flooding-and-water-quality-watersheds-define-where-how-were-affected/4832716002/
- **August 20, 2020** – The Cleanup is days away (WFRV Channel 5): https://www.wearegreenbay.com/local5live-onlocation/fox-wolf-watershed-grab-some-supplies-and-help-clean-up-area-waterways/
- **August 22, 2020** – Coverage of the Cleanup in Kimberly (WFRV Channel 5): https://www.wearegreenbay.com/news/local-news/volunteers-tackle-more-than-60-sites-for-the-fox-wolf-watershed-clean-up/

- **August 22, 2020** – Coverage of the Cleanup in Fond du Lac (WBAY Channel 2) https://www.wbay.com/2020/08/22/sustain-fond-du-lac-joins-fox-wolf-watershed-alliance-in-cleanup-efforts/
- **October 5, 2020** - Plastic Pollution (WLUK Fox-11): https://fox11online.com/news/local/cleanup-needed-as-debris-accumulates-on-some-lake-michigan-shorelines

Watershed Pledges (active participation):

- 4/24/2020 11:57:18 (Allouez – 54301) Amanda Lowther, greenheartwhimsey@gmail.com, age, 21-49
- 4/24/2020 15:20:48 (Menasha – 54952) Leslie Lemieux, LezleeC830@yahoo.com, age, 21-49

Chloride Monitoring (active participation, with documentation):

- 10/20/2020 Ashwaubenon, 79ppm Cl-
- 10/20/2020 Oshkosh, 71ppm Cl-
- 10/28/2020 Fond du Lac, 31ppm Cl-
- 11/18/2020 Oshkosh, 116ppm Cl-
- 11/19/2020 Neenah 67ppm Cl-

Storm Drain Makeovers (active participation, with photos)

- 04/21/2020 Oshkosh, before and after photos
- 04/21/2020 Menasha, before and after photos

School Presentations:

Appleton:

- 1/28/2020 (1) High School club at Appleton North High School (Appleton), approx. reach, 15 students

De Pere:

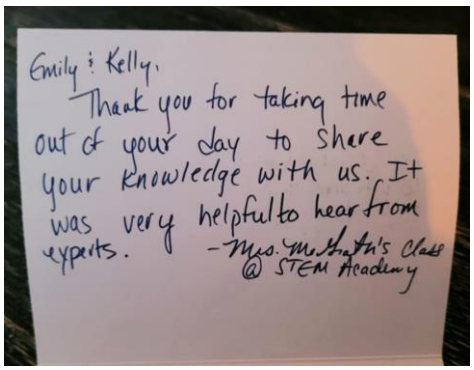
- 3/11-12/2020 (5) 5th grade classes at West De Pere Elementary School (De Pere), approx. reach 130 students

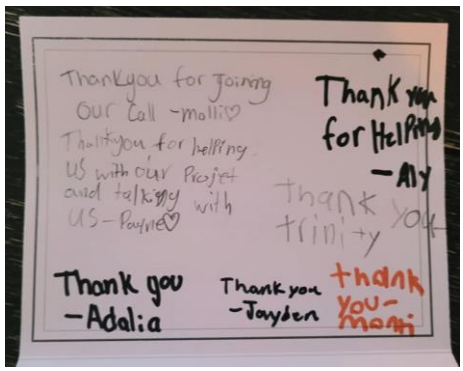
Oshkosh:

- 9/10-9/11 2020 9-12th graders from Oshkosh North High School Miller's Bay, Oshkosh, approx. reach 120 students

Fond du Lac:

- 10/01/2020 5th grade classes at STEM Academy in Fond du Lac (virtual meeting), approx. reach 11 students

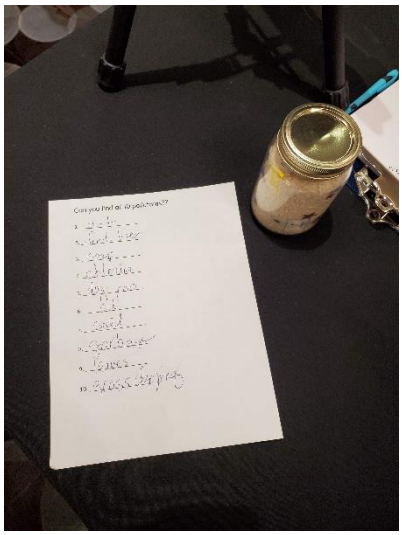




Exhibiting:

Oshkosh

- 1/24/2020 Toward Harmony with Nature Wild Ones Conference, Oshkosh, approx. reach 200 attendees



Green Bay

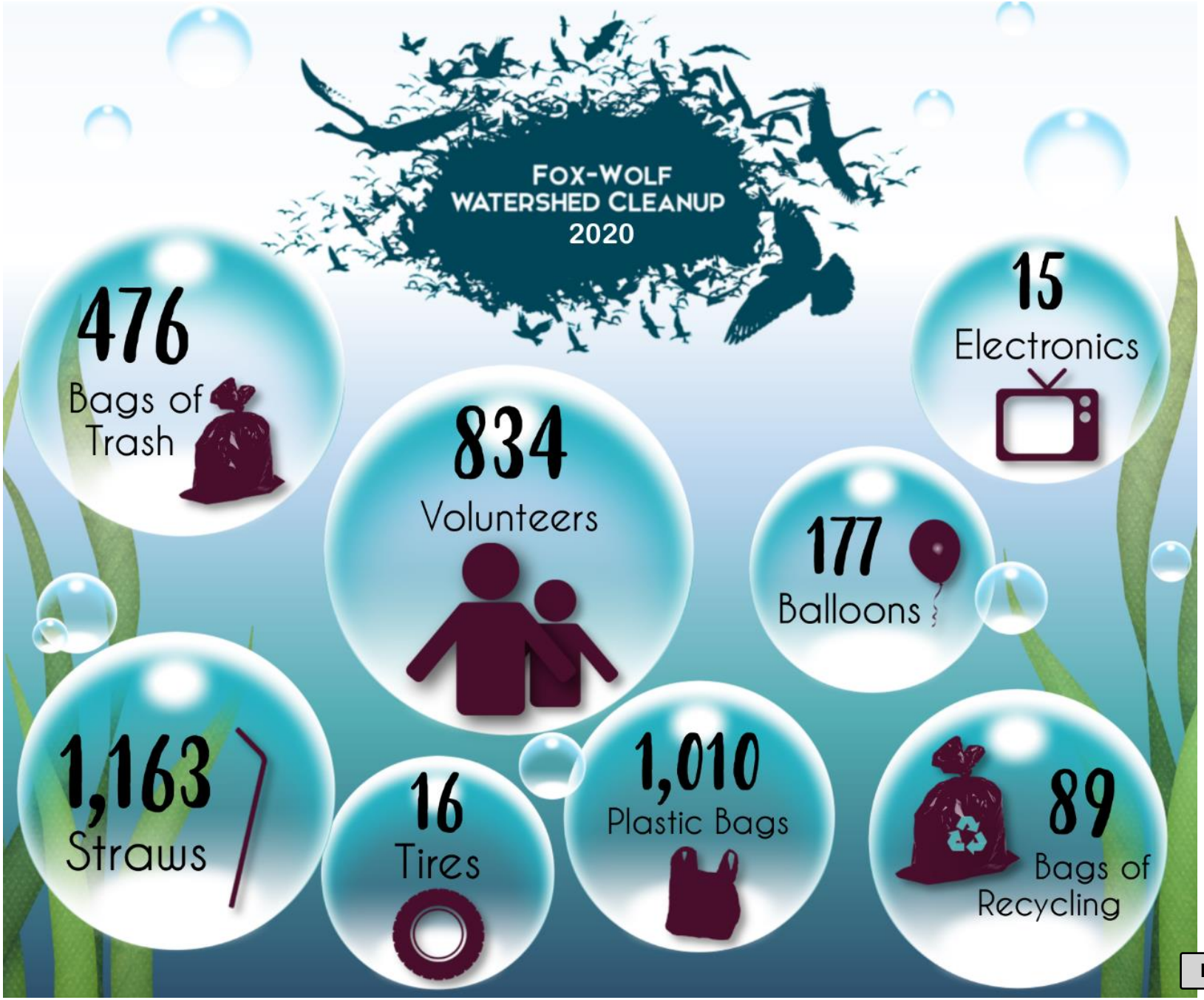
- 3/07/2020 Leopold Event exhibiting at Brown County Library in Green Bay, approx. reach 45 attendees

Municipality	Cleanup Site Name	# volunteers	# of trash Bags	Blue Bags	Tires	Elect	plas bags	Balloons	Straws	Conditions
Brown County	Fox River State Recreational Trail: Fox Pt to Kayakers Pt	9	3	1	0	3	10	0	18	Medium
	Fox River State Recreational Trail: Porlier Pier to Mason	5	5	1	0	0	2	0	3	Low
	Pamperin Park	30	16	2	2	0	20	2	30	Low
	Totals:	**44**	**24**	**4**	**2**	**3**	**32**	**2**	**51**	
Green Bay	Joannes Park	14	5	2	0	0	34	3	9	Medium
	Bay Beach	3	9	1	1	0	0	0	42	High
	Leicht Memorial Park	8	4	0.5	0	0	0	0	3	Low
	Totals:	**25**	**18**	**3.5**	**1**	**0**	**34**	**3**	**54**	
Allouez	Green Isle and Riverview Parks	25	10	1	0	0	0	0	0	
	Weise & Kiwanis Parks	2	3	1.5	0	0	3	1	5	Low
	Totals:	**27**	**13**	**2.5**	**0**	**0**	**3**	**1**	**5**	
Grand Chute	Prairie Hill Park	13	1	1	0	0	12	0	0	Low
	Totals:	**13**	**1**	**1**	**0**	**0**	**12**	**0**	**0**	
Combined Locks	Memorial Park	15	5	2	0	0	12	1	5	Low
	Totals:	**15**	**5**	**2**	**0**	**0**	**12**	**1**	**5**	
De Pere	Voyager Park & Fox River State Rec Trail	23	12	4	0	0	50	20	50	Medium
	Bomier Pier & Fox River State Trail	12	15	2	0	0	12	2	10	Low
	Totals:	**35**	**27**	**6**	**0**	**0**	**62**	**22**	**60**	
Town of Ledgeview	Ledgeview Park	6	2	0.5	0	0	0	0	1	Low
	Totals:	**6**	**2**	**0.5**	**0**	**0**	**0**	**0**	**1**	
Kaukauna	Riverside Park	5	3	1	0	0	3	2	8	Low
	Grignon Park	6	5	0.5	0	1	10	0	4	Low
	1000 Islands	19	5	3	0	0	15	0	4	Low
	Totals:	**30**	**13**	**4.5**	**0**	**1**	**28**	**2**	**16**	
Village of Kimberly	Sunset Park	19	14	3	0	0	10	0	100	Medium
	Totals:	**19**	**14**	**3**	**0**	**0**	**10**	**0**	**100**	
Calumet County	Calumet County Park	22	21	3	0	0	10	1	3	Medium
	Stockbridge Harbor	10	5	1	0	0	10	0	35	Medium
	Totals:	**32**	**26**	**4**	**0**	**0**	**20**	**1**	**38**	
Appleton*	Alicia Park	9	1	0.5	0	0	0	0	3	Low
	Telulah Park	21	13	1.5	1	1	0	18	25	Medium
	Newberry Trail/North Island Trail	17	11	3	0	1	50	0	5	Medium
	Memorial Park	22	10	3	0	0	30	12	50	Low
	Pierce Park/Lutz Park	21	9	2			5	10	10	Medium
	Peabody Park	16	9	1	0	0	23	10	16	Medium
	Totals:	**106**	**53**	**11**	**1**	**2**	**108**	**50**	**109**	
Menasha	Heckrodt	17	6	1	0	0	0	0	0	Low
	Trestle Trails/Boardwalk	10	8	1	0	0	50	0	30	High
	Totals:	**27**	**14**	**2**	**0**	**0**	**50**	**0**	**30**	
Village of Fox Crossing*	Fritse Park	14	5	0.5	1	0	30	0	14	Medium

	Totals:	**14**	**5**	**0.5**	**1**	**0**	**30**	**0**	**14**	
Neenah	Riverside Park/Kimberly Point Parks	7	1	1	0	1	6	2	10	Low
	Arrowhead Park	14	12	3	1	0	74	4	74	Low
	Herb & Dolly Smith Park & Trail System	8	4	0.5	0	0	10	1	13	Medium
	Doty Park/Island Parks	12	5	0	0	0	6	0	3	Low
	Totals:	**41**	**22**	**4.5**	**1**	**1**	**96**	**7**	**100**	
Fond du Lac	Lakeside Park	32	23	0	0	0	30	2	25	Medium
	Lakeside Park - West	15	10	2	3	0	12	0	0	Medium
	Totals:	**47**	**33**	**2**	**3**	**0**	**42**	**2**	**25**	
UW-Oshkosh	UW-Oshkosh Riverfront	9	4	1	0	0	5	0	1	Medium
	Totals:	**9**	**4**	**1**	**0**	**0**	**5**	**0**	**1**	
Winnebago Couny	Asylum Point	18	12	2	2	2	7	3	3	Medium
	Waukau Creek	4	4	2	0	0	8	0	8	Low
	Wiowash Trail (behind Riverside Cemetery)	13	6	0	0	0	18	1	12	Medium
	Wiouwash Trail (Lake Butte des Morts)	8	7	2	1	1	60	0	6	Low
	Totals:	**43**	**29**	**6**	**3**	**3**	**93**	**4**	**29**	
Oshkosh*	Red Arrow Park	22	17	6	0	1	13	2	12	Medium
	Menominee Park	41	25	10	0	1	41	4	130	Medium
	Fugleberg & 24th Street Boat Launches	7	10	0	0	0	24	1	17	High
	Rainbow & Abe Rochlin Park	8	9	1	0	0	13	3	10	Low
	Totals:	**78**	**61**	**17**	**0**	**2**	**91**	**10**	**169**	
New London	Pfeifer Park & Trails	12	3.5	0	3	0	13	2	17	Low
	Memorial Park	12	5	0	1	1	48	0	92	Medium
	Totals:	**24**	**8.5**	**0**	**4**	**1**	**61**	**2**	**109**	
Little Chute	Doyle Park	7	4	0	0	0	12	3	3	Low
	Heesaker Park & Trail System	11	6	1	0	1	5	0	0	Low
	Island Park	4	2	0.5	0	0	10	0	20	Low
	Totals:	**22**	**12**	**1.5**	**0**	**1**	**27**	**3**	**23**	
Shawano	Heritage County Park	10	2.5	0.5	0	0	18	0	5	Low
	State Hwy 22 Wayside	3	5	2	0	0	10	0	6	Low
	Totals:	**13**	**7.5**	**2.5**	**0**	**0**	**28**	**0**	**11**	
Sherwood	High Cliff State Park	33	16	0	0	0	39	38	108	Medium
	Totals:	**33**	**16**	**0**	**0**	**0**	**39**	**38**	**108**	
Winneconne	Marble Park	14	3	1	0	0	15	0	6	Low
	Lake Winneconne Park	15	2	0.5	0	0	15	4	13	Low
	Totals:	**29**	**5**	**1.5**	**0**	**0**	**30**	**4**	**19**	

NEWSC supports the annual Fox-Wolf Watershed Cleanup event through staff time for the Outreach Coordinated to plan the event.
*Communities with an asterict by them represent a community that donated beyond their NEWSC dues to sponsor the event.

2020 FOX-WOLF WATERSHED CLEANUP PHOTOS



Storm Drain Makeovers: Volunteers share before and after pictures of storm drains they cleaned in their neighborhoods.

Oshkosh: 04/21/2020

Menasha: 04/21/2020

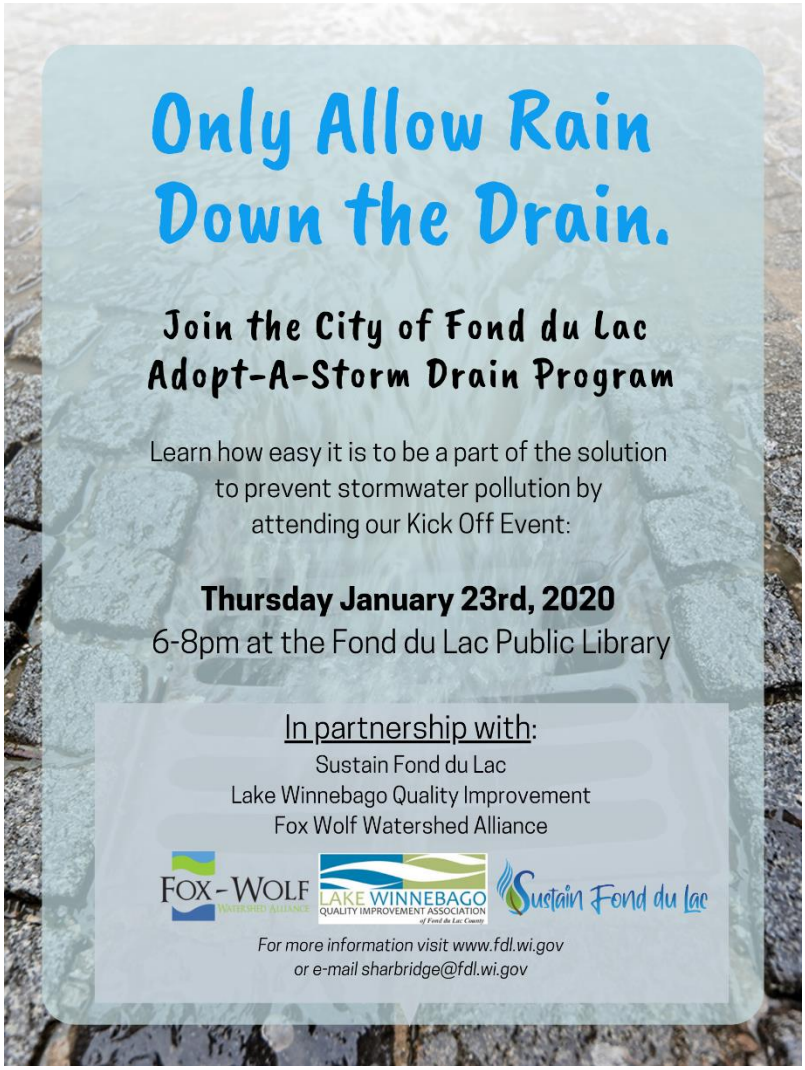
Watershed Pledges (active participation):

- 4/24/2020 11:57:18 (**ALLOUEZ** – 54301) Amanda Lowther, greenheartwhimsey@gmail.com, age, 21-49
- 4/24/2020 15:20:48 (**MENASHA** – 54952) Leslie Lemieux, LezleeC830@yahoo.com, age, 21-49

LINK TO THE WATERSHED PLEDGE ON THE FWWA.ORG WEBSITE

Community Presentations:

- 1/23/2020 Adopt-a-Storm Drain Kickoff event in **FOND DU LAC**, approx. reach 10 attendees



Chloride Monitoring (active participation, with documentation):

Ashwaubenon:

- 10/20/2020 **Ashwaubenon**, 79ppm Cl-
- 12/13/2020 **Ashwaubenon**, 98ppm Cl-

Fond du Lac:

- 10/28/2020 **Fond du Lac**, 31ppm Cl-
- 12/15/2020 **Fond du Lac**, 43ppm Cl

Fox Crossing

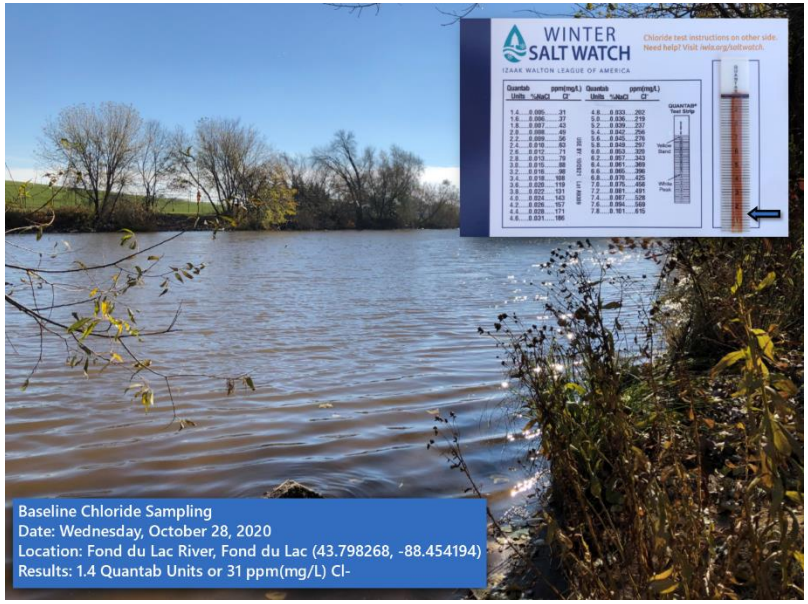
- 11/28/2020 **Fox Crossing**, 129ppm Cl-
- 12/18/2020 **Fox Crossing**, 203ppm Cl-

Neenah:

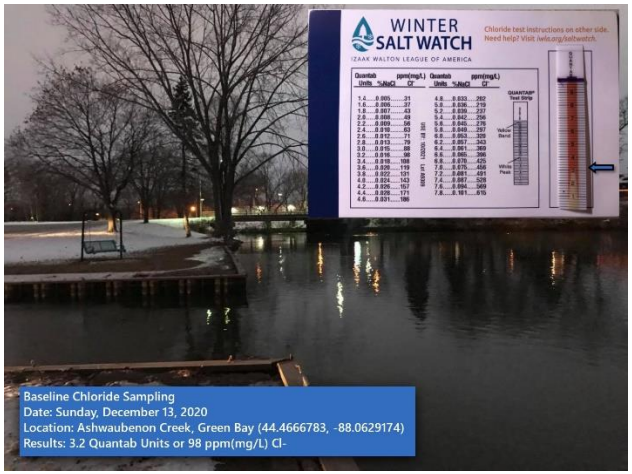
- 11/19/2020 **Neenah**, 67ppm Cl-
- 12/13/2020 **Neenah**, 91ppm Cl-

Oshkosh:

- 10/20/2020 **Oshkosh - Sawyer Creek**, 71ppm Cl-
- 11/18/2020 **Oshkosh – Campbell Creek**, 116ppm Cl-
- 12/13/2020 **Oshkosh – Sawyer Creek**, 103ppm Cl-
- 12/13/2020 **Oshkosh – Campbell Creek**, 237ppm Cl-



ALL CHLORIDE MONITORING RESULTS, VOLUNTEER PHOTOS, AND LOCATIONS CAN BE FOUND ON THIS MAP.



2020 Litterati App Cleanup Activity

Allouez:

- 5 pieces of trash

Berlin:

- 8 pieces of trash

De Pere:

- 41 pieces of trash

Green Bay:

- 189 pieces of trash

Fond du Lac:

- 16 pieces of trash

Fond du Lac County:

- 19 pieces of trash

Howard:

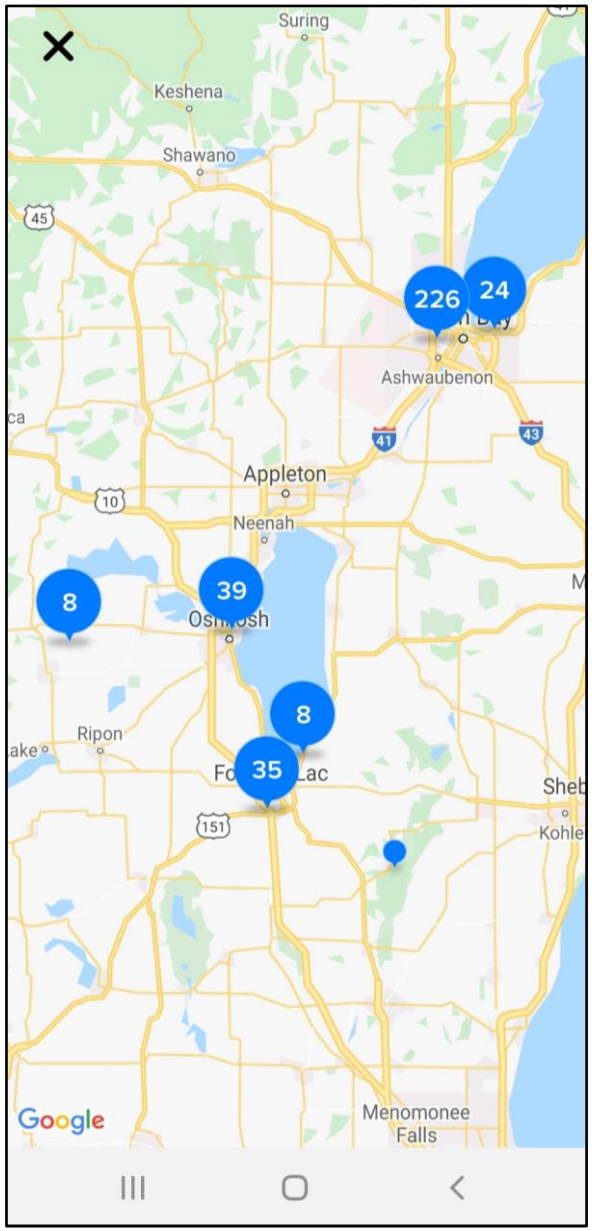
- 2 pieces of trash

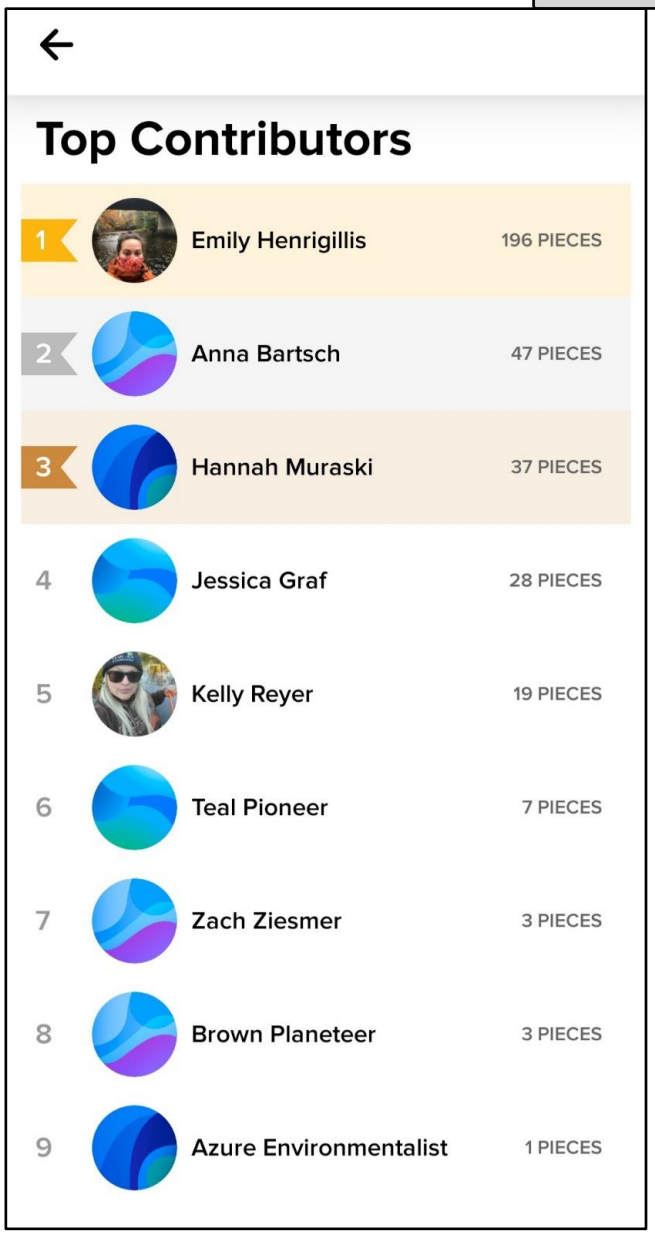
Oshkosh:

- 39 pieces of trash

Taycheedah:

- 8 pieces of trash





2020 NEWSC Media:

- **March 19, 2020** - What is a Watershed? (Gannett USA-Today Network): https://www.postcrescent.com/story/news/2020/03/19/wisconsin-flooding-and-water-quality-watersheds-define-where-how-were-affected/4832716002/
- **August 20, 2020** – The Cleanup is days away (WFRV Channel 5): https://www.wearegreenbay.com/local5live-onlocation/fox-wolf-watershed-grab-some-supplies-and-help-clean-up-area-waterways/
- **August 22, 2020** – Coverage of the Cleanup in Kimberly (WFRV Channel 5): https://www.wearegreenbay.com/news/local-news/volunteers-tackle-more-than-60-sites-for-the-fox-wolf-watershed-clean-up/
- **August 22, 2020** – Coverage of the Cleanup in Fond du Lac (WBAY Channel 2) https://www.wbay.com/2020/08/22/sustain-fond-du-lac-joins-fox-wolf-watershed-alliance-in-cleanup-efforts/
- **October 5, 2020** - Plastic Pollution (WLUK Fox-11): https://fox11online.com/news/local/cleanup-needed-as-debris-accumulates-on-some-lake-michigan-shorelines

Social Media Posts 2020

Social Media:
Facebook: 1,875 likes, 1,992 followers
Instagram: 353 followers, 256 posts

01/02/2020 (news link) Must-see imagery of the Great Lakes on a clear December day, 1,005 reached
01/05/2020 (image) Photo showing sunset over Lake Butte des Morts, 509 reached
01/07/2020 (news link) Man's mission to catch Lake Michigan waves on eco-friendly surfboards, 320 reached
01/07/2020 (news link) Bait shops help fight against aquatic invasive species, 303 reached
01/08/2020 (news link) Wisconsin communities search for road salt alternatives, 544 reached
01/09/2020 (news link) Excavator works to remove a 15 ft tall ice shove on Lake Winnebago, 466 reached
01/10/2020 (FWWA link) Water quality task force publishes recommendations, 347 reached
01/10/2020 (infographic) Izaak Walton League shares salt watch results that include Wisconsin, 459 reached
01/12/2020 (infographic) Thank you to Fox Crossing for sponsoring the Fox-Wolf Cleanup, 1,307 reached
01/12/2020 (news link) Photographer catches Lake Michigan waves crashing against lighthouse, 890 reached
01/13/2020 (image) #travelingcleanupshirt shows cleanup volunteer in Louisianna, 552 reached
01/14/2020 (infographic) Learn about the Fond du Lac Adopt-a-Drain program, 374 reached
01/14/2020 (news link) Seattle meteorologist tries to pronounce WI cities, 736 reached
01/16/2020 (image) Thank you to Evergreen Credit Union for supporting our organization, 788 reached
01/17/2020 (link) What happens to stream life when the temperatures drop?, 384 reached
01/21/2020 (image) Thank you to the City of Appleton for supporting the Fox-Wolf cleanup, 320 reached
01/23/2020 (infographic) Join us at the FDL library to learn about the Adopt-a-Drain program, 251 reached
01/23/2020 (news link) Walk Across Lake Winnebago cancelled, 414 reached
01/24/2020 (news link) Ice balls on Lake Michigan: How they form, 384 reached
01/27/2020 (image) Vote for your favorite cleanup t-shirt color, 1,485 reached
01/28/2020 (news link) Vintage EPA photos reveal what US waterways looked like before pollution was regulated, 753 reached
01/30/2020 (news link) Oshkosh firefighters rescue puppy from frozen Fox River, 741 reached
02/02/2020 (infographic) Happy World Wetlands Day, 662 reached
02/03/2020 (infographic) Save-the-date for our Watershed Celebration on March 3rd, 446 reached
02/04/2020 (image) Thank you SECURA for supporting our 2020 Fox-Wolf Watershed Cleanup, 338 reached
02/04/2020 (image) Fox-Wolf's Emily recorded our ad for the cleanup at Woodward Comm. Studios, 806 reached
02/05/2020 (image) How many plastic bags were cleaned up at our 2019 cleanup? (poll) 993 reached
02/06/2020 (images) Occupied eagle nests in 1974 compared to 2019, 693 reached
02/07/2020 (news link) Officials work to contain manure runoff in Fond du Lac Co., 639 reached
02/10/2020 (image) Photo shows the lighthouse at Asylum Point on Lake Winnebago at sunrise, 471 reached
02/13/2020 (news link) Truck stuck in Lake Poygan ice creates dangerous situation, 820 reached
02/14/2020 (image & link) Registration opens today for the 2020 Fox-Wolf Watershed Cleanup, 3,259 reached
02/17/2020 (news link) It's so cold in Michigan that 'ice volcanoes' are erupting along the shoreline, 721 reached
02/17/2020 (FB event) A facebook event was created for the 2020 Fox-Wolf Watershed Cleanup, 347 reached
02/18/2020 (FB event) Watershed Celebration on March 3rd, 493 reached
02/20/2020 (infographic) Mark your calendar for a celebration of the success of Menominee River AOC, 547 reached
02/22/2020 (news link) Satellite reveals low ice this year on the Great Lakes, 444 reached
02/23/2020 (news link) Wisconsin fish fry events may not have perch due to shortage, 461 reached
02/23/2020 (infographic) 123 volunteers registered in the first week registration was open, 1,299 reached
02/25/2020 (image) We're looking for cleanup site leaders; site leaders receive a free roll-up blanket, 1,483 reached
02/29/2020 (news link) Homes frozen over along Lake Erie in Western New York create eerie sight, 607 reached
03/01/2020 (FB event) We're only days away from our Watershed Celebration, 475 reached
03/03/2020 (images) Photos show day 1 of Fox-Wolf's Watershed Conference in Appleton, 463 reached
03/05/2020 (video) Check out our 2019 Year in Review Video, 760 reached

03/07/2020 (images) Fox-Wolf has an exhibit set up at the Brown County for Leopold event, 470 reached
03/10/2020 (infographic) Celebrating AOC efforts in Lower Menominee River, 383 reached
03/10/2020 (image) Registration is open for the 2020 Fox-Wolf Watershed Cleanup, 1,652 reached
03/12/2020 (infographic) fish vs. fish vs. fishes, 439 reached
03/13/2020 (images) Photos showing our Outreach Coordinator working with students in De Pere, 327 reached
03/13/2020 (image) Vote for your favorite cleanup shirt color, 284 reached
03/17/2020 (images) Terrell's Island is beautiful in all seasons, 608 reached
03/19/2020 (image) volunteers help sort cleanup supplies at the Fox-Wolf office, 296 reached
03/23/2020 (infographic) Winnebago Waterways is looking for summer AIS interns, 174 reached
03/23/2020 (image) Fox-Wolf is looking to donate our sealed boxes of non-latex gloves, 1,006 reached
03/24/2020 (images) Four photos added to the FB album, "Cleanup Volunteers are EVERYWHERE" 256 reached
03/24/2020 (link) Fees waived for Wisconsin state parks and trails, 380 reached
03/25/2020 (images) 7 photos added to the FB album, "Cleanup Volunteers are EVERYWHERE" 223 reached
03/26/2020 (images) 3 photos added to the FB album, "Cleanup Volunteers are EVERYWHERE" 210 reached
03/27/2020 (news link) Reduced walleye bag limits begin April 1 for the Lake Winnebago System 176 reached
03/29/2020 (image) What is a watershed? On the front cover of all Gannett newspapers, 963 reached
03/30/2020 (image) Where in the watershed was this photo taken (Waukau Creek) 484 reached
04/01/2020 (infographic) April every year vs. April during quarantine, 5,203 reached
04/02/2020 (images) 9 photos added to the FB album, "Cleanup Volunteers are EVERYWHERE" 485 reached
04/03/2020 (images) 5 photos added to the FB album, "Cleanup Volunteers are EVERYWHERE" 299 reached
04/05/2020 (infographic) Image saying it a great day to get out and explore our waterways, 373 reached
04/05/2020 (image) Do you know where in the watershed this photo was taken? (Princeton, WI) 406 reached
04/06/2020 (images) 10 photos added to the FB album, "Cleanup Volunteers are EVERYWHERE" 255 reached
04/08/2020 (image) What do you think of this anti-littering campaign from Toronto, 1.434 reached
04/09/2020 (video) Fox-Wolf created the watershed ABC's for at-home learning, 3,543 reached
04/13/2020 (news link) Three of Michigan's Great Lakes to set record water level for March, 317 reached
04/13/2020 (image) Fox-Wolf updated the FB cover photo showing an image of Lake Winnebago, 228 reached
04/13/2020 (images) 7 photos added to the FB album, "Cleanup Volunteers are EVERYWHERE" 534 reached
04/13/2020 (image) a photo was shared, 403 reached
04/14/2020 (link) the WDNR is hiring conservation wardens, 209 reached
04/16/2020 (image & link) At-home learning lesson, teach your kids about native plants, 1,392 reached
04/16/2020 (images) 2 photos added to the FB album, "Cleanup Volunteers are EVERYWHERE" 328 reached
04/16/2020 (link) Wolf River cam offers views of sturgeon as they get ready to spawn, 583 reached
04/19/2020 (video) Discovery Channel features Zac Efron taking on the Great Global Cleanup, 404 reached
04/20/2020 (image) Earth Week: Day 1 show us your nature photos, 834 reached
04/21/2020 (image) Earth Week: Day 2 storm drain makeovers, 1,478 reached
04/21/2020 (images) photos show a volunteer who took on the storm drain makeover challenge, 3,126 reached
04/22/2020 (video) Video showcasing 'Gaylord Nelson: A Vision for the Earth' 803 reached
04/22/2020 (image) Earth Week: Day 3 take the trash cleanup challenge, 841 reached
04/22/2020 (images) Photos show volunteers in Menasha who took on the storm drain makeover challenge, 6,355 reached
04/23/2020 (image) Earth Week: Day 4 plant something challenge, 585 reached
04/23/2020 (images) 4 photos added to the FB album, "Cleanup Volunteers are EVERYWHERE" 335 reached
04/24/2020 (image) Earth Week: Day 5 take the watershed pledge, 686 reached
04/24/2020 (photo & link) At home learning lesson: Try the pond in a jar experiment, 235 reached
04/26/2020 (images) 12 photos added to the FB album, "Cleanup Volunteers are EVERYWHERE" 415 reached
04/27/2020 (images) Photos show a volunteer who tried out our native plant lesson, 316 reached
04/30/2020 (images) 7 photos added to the FB album, "Cleanup Volunteers are EVERYWHERE" 386 reached
05/02/2020 (image) Radar show bird migration in the U.S. 469 reached
05/04/2020 (image) Do you know where in the watershed this photo was taken? (Lakeside Park West) 466 reached

05/05/2020 (infographic) Fox-Wolf has a message about supporting frontline workers for #GivingTuesdayNow 490 reached
05/05/2020 (images) 3 photos added to the FB album, “Cleanup Volunteers are EVERYWHERE” 441 reached
05/07/2020 (link) Fox-Wolf receives WDNR River Planning grant, 300 reached
05/07/2020 (video) It’s important to keep your footing while out in nature, 397 reached
05/08/2020 (image & link) At-home learning activity, Discover Insects!, 479 reached
05/11/2020 (FWWA link) $1.6 million awarded to Fox-Wolf for water quality, 1,100 reached
05/11/2020 (images) 4 photos added to the FB album, “Cleanup Volunteers are EVERYWHERE” 317 reached
05/12/2020 (news link) Don’t plant these 10 invasive species in your yard, 461 reached
05/12/2020 (images) 13 photos added to the FB album, “Cleanup Volunteers are EVERYWHERE” 446 reached
05/13/2020 (image) Where in the watershed was this photo taken? (Berlin Locks), 643 reached
05/13/2020 (news link) Lake flies swarm the Lake Winnebago shoreline in Calumet County, 395 reached
05/14/2020 (images) 6 photos added to the FB album, “Cleanup Volunteers are EVERYWHERE” 290 reached
05/14/2020 (link) A link to Izaak Walton League’s celebrating wetland’s carbon storage abilities, 341 reached
05/15/2020 (image & link) At-home learning lesson, stream scavenger hunt, 348 reached
05/17/2020 (image) photo of newspaper showing, “Terrell’s Island Combats Parking Issues, Disappointing Litter, 535 reached
05/18/2020 (FWWA link) Updates to 2020 Clean Boats, Clean Waters Program, 342 reached
05/18/2020 (news link) Coverage of flooding issues in Green Bay, 352 reached
05/19/2020 (video) Northwoods Frog Call Phenology from the Cable Natural History Museum, 560 reached
05/20/2020 (infographic) Meme showing the importance of sweeping up grass clippings, 2,946 reached
05/20/2020 (news link) Midland Michigan Under Water After Edenville Dam Bursts, 359 reached
05/21/2020 (infographic) Save-the-Date the 2020 Fox-Wolf Watershed Cleanup has been rescheduled for 8/22, 2,464 reached
05/22/2020 (images) 6 photos added to the FB album, “Cleanup Volunteers are EVERYWHERE” 296 reached
05/22/2020 (FWWA link) Lake Winnebago Water Levels – Back on Track for 2020, 429 reached
05/22/2020 (link) Rotary Club of Neenah cleans up Fritse Park in Fox Crossing, 287 reached
05/23/2020 (link) Check out this interactive map showing land trust sites to explore in Wisconsin, 264 reached
05/26/2020 (images) 10 photos added to the FB album, “Cleanup Volunteers are EVERYWHERE” 226 reached
05/26/2020 (image) Where in the watershed was this image taken? (Crystal River near Waupaca), 987 reached
05/27/2020 (link) Rain Garden guidebook shared for homeowners from Clean Lakes Alliance, 372 reached
05/27/2020 (video) Underwater drone footage shows fish in the Redgranite Quarry, 1,198 reached
05/29/2020 (infographic) Habitattitude Exotic Pet Surrender Event, 270 reached
06/01/2020 (image) Photo shows volunteers who cleaned up 5 tires, a bucket, and two bags of trash in FDL, 702 reached
06/03/2020 (news link) Photo shows incredible lightning captured over Lake Winnebago, 647 reached
06/03/2020 (FB event link) It’s free, fun weekend in Wisconsin!, 269 reached
06/08/2020 (images) Volunteers returned to FDL yesterday and cleaned up 7 more tires and 4 bags of trash, 546 reached
06/08/2020 (infographic) Wisconsin will see impacts of Gulf hurricane, 804 reached
06/08/2020 (GIF) Registration is open for the 2020 Fox-Wolf Watershed Cleanup in August, 585 reached
06/09/2020 (FB event) Fox-Wolf adds the 2020 Fox-Wolf Watershed Cleanup event on Facebook, 145 reached
06/09/2020 (infographic) Turn on the AmazonSmile app and support Fox-Wolf through your purchases, 295 reached
06/11/2020 (image) Photo shows a shoreline restoration project on Shawano Lake, 308 reached
06/12/2020 (image) Photo shows article from The Green Laker about dried algae on rocks, 296 reached
06/14/2020 (images) Photos show Wood Duck ducklings leaping out of their house in the spring, 699 reached
06/15/2020 (video) video shows underwater footage of fish and plants in Elkhart Lake, 436 reached
06/16/2020 (video) 2020 Clean Boats, Clean Waters Inspection Guidelines, 401 reached
06/18/2020 (infographic) Clean, Drain, Dry initiative for preventing the spread of AIS, 234 reached
06/20/2020 (image) Photo shows waterspout over Lake Winnebago, 592 reached
06/22/2020 (infographic) Good Dog, Good Owner image displays the importance of picking up after pets, 1,539 reached
06/23/2020 (video) Anoka Soil and Water shares video about the importance of restoring shorelines, 316 reached
06/23/2020 (news link) Redgranite Quarry closes due to garbage and vandalism issues, 704 reached
06/24/2020 (FWWA link) Bring invasive species education to your virtual meeting or event, 319 reached

06/26/2020 (link) Upcoming webinar from the Izaak Walton League about planting to protect water, 185 reached
06/27/2020 (FWWA link) New AIS found in Oconto County – Bufferfly Dock, 373 reached
06/29/2020 (news video) A family in northern Wisconsin saves bear from plastic container, 538 reached
07/02/2020 (image) An amazing capture of a gull rising up over Lake Winnebago, 506 reached
07/02/2020 (images) Photos show a bicycle pulled from Lake Winnebago that's covered in Zebra Mussels, 12,112 reached
07/03/2020 (news link) Clean Boats, Clean Waters launches on Winnebago Waterways, 350 reached
07/07/2020 (image) Where in the watershed was this photo taken? (Ashwaubenon/Fox River) 449 reached
07/08/2020 (Image) Photo shows stack of Fox-Wolf cleanup posters for distribution, 1,286 reached
07/09/2020 (infographic) Meme states fish like worms, not worm containers, 54,884 reached
07/10/2020 (event) Snapshot Day 2020 – A statewide search for AIS, 191 reached
07/11/2020 (news link) Great Lakes temps warming off the charts, 657 reached
07/13/2020 (images) Use the EPA's CyAN app to track algal blooms in our watershed, 565 reached
07/13/2020 (image & link) Click to register for the 2020 Fox-Wolf Watershed Cleanup, 2,549 reached
07/14/2020 (images) 6 photos added to the FB album, "Cleanup Volunteers are EVERYWHERE" 632 reached
07/14/2020 (FWWA link) Winnebago Waterways is looking for public comment on the LMP, 387 reached
07/15/2020 (FWWA link) WDNR is looking for water quality monitoring volunteers, 316 reached
07/16/2020 (GIF) Volunteers can clean up by boat, canoe, or kayak during our event, 915 reached
07/19/2020 (image) Photo shows boxes full of new trash grabbers for the cleanup event, 1,763 reached
07/20/2020 (FWWA link) AIS Spotlight – Red Swamp Crayfish, 335 reached
07/22/2020 (link) Did you know WI is home to several carnivorous plant species?, 335 reached
07/23/2020 (GIF) Have you heard our radio ads for the cleanup event?, 210 reached
07/24/2020 (FWWA link) Comment period is still for the Winnebago System Lake Management Plan, 294 reached
07/24/2020 (event link) Snapshot Day 2020 – A statewide search for AIS, 224 reached
07/24/2020 (image) Site Leaders are needed for the cleanup event, free gift provided, 660 reached
07/26/2020 (image) A reminder to register for the cleanup by August 3rd to receive an event t-shirt, 1,227 reached
07/27/2020 (images) 13 photos added to the FB album, "Cleanup Volunteers are EVERYWHERE", 375 reached
07/28/2020 (link) E. Coli update on Green Lake, 393 reached
07/28/2020 (FWWA link) Local Partner Receives Invader Crusader Award, 373 reached
07/29/2020 (image) A photo shows all of the counties in the basin, 1,071 reached
07/31/2020 (FWWA link) AIS Educators Hired for 2020 Season, 329 reached
08/01/2020 (images) Photos from volunteer show roofing debris littered near Lake Butte des Morts, 1,054 reached
08/02/2020 (image) A final reminder that volunteers must be registered by August 3rd to receive a t-shirt, 512 reached
08/03/2020 (link) Fox-Wolf is honored to receive a Champion of Conservation Award from LNRP, 343 reached
08/03/2020 (FWWA link) Recreation, Watershed Management Focus Groups Need Your Voice, 292 reached
08/04/2020 (infographic) Photo shows why it's important to not wash vehicles in your driveway, 1,440 reached
08/04/2020 (video) Now Recruiting: Recreation Focus Group Participants, 155 reached
08/06/2020 (video) Thank you to all of our 2020 Fox-Wolf Watershed Cleanup sponsors, 463 reached
08/07/2020 (image) Photo show Fox-Wolf Staff on boat cleaning up and doing index sampling, 551 reached
08/07/2020 (infographic) Thank you to Firestone for recycling tires from our 2020 cleanup event, 508 reached
08/07/2020 (event link) A reminder to sign up for AIS Snapshot Day 2020, 190 reached
08/10/2020 (image) Our cleanup t-shirts have a color change due to inventory issues due to pandemic, 764 reached
08/10/2020 (image) Now Recruiting: Watershed Management Focus Group, 619 reached
08/11/2020 (image) Fox-Wolf Watershed Cleanup updates, registration closing, site leaders needed, 374 reached
08/12/2020 (news link) Discovery of cultural artifacts along Lake Winnebago increases Neenah's cost to rebuild, 179 reached
08/12/2020 (news link) Fox River dredging project has finished, EPA announces, 593 reached
08/13/2020 (infographic) 631 volunteers have registered for the cleanup, registration is still open, 1,406 reached
08/14/2020 (image) Surprise, all cleanup volunteers will receive a free pair of sunglasses at the cleanup, 690 reached
08/16/2020 (image) Final reminder that cleanup registration is closing, 446 reached
08/16/2020 (images) Photos show large amount of garbage cleaned up by volunteers on the Wolf River, 654 reached

08/18/2020 (link) Last Opportunity to Participate in a Focus Group for the Winnebago Waterways LMP, 220 reached
08/18/2020 (images) Thanks to Green Bay volunteers who participated in this year's AIS Snapshot Day, 443 reached
08/18/2020 (image) Photo shows volunteer cleanup shirt on a dog—shirts turned out great, 741 reached
08/19/2020 (news link) Work begins on Fox River Boardwalk Project, 460 reached
08/20/2020 (image) Thank you to cleanup site leader Darcie and her family for talking on the news today, 1,744 reached
08/21/2020 (link) Image shows a steamboat called the Thistle that took passengers around Lake Winnebago, 422 reached
08/22/2020 (image) A big thank you to all of the volunteers who made today's cleanup event a success, 1,117 reached
08/23/2020 (video) A video shows a mama bear swimming with three bear cubs on her back in northern WI, 377 reached
08/24/2020 (news video) WBAY talks with Fox-Wolf volunteers in Fond du Lac, 440 reached
08/24/2020 (images) When in doubt, stay out! Photos show blue-green algae blooms, 542 reached
08/25/2020 (image) A photo shows tires found during the cleanup on their way to be recycled, 539 reached
08/26/2020 (images) Photos show volunteers in the Winnebago System who volunteered for AIS Snapshot Day, 400 reached
08/26/2020 (image) A photo shows volunteers who were cleaning up on their own by Lake Winnebago, 783 reached
08/27/2020 (image) Support Fox-Wolf by rounding up at the registers at REI's new store in Appleton, 3,648 reached
08/27/2020 (infographic) A photo shows the cleanup totals including bags, straws, tires, and more, 1,628 reached
08/28/2020 (image) A photo shows the news signs for Fox-Wolf's Adopt-a-Launch program, 500 reached
08/28/2020 (album) 393 volunteer cleanup photos were added to Fox-Wolf's 2020 Cleanup album, 1,207 reached
08/28/2020 (album) 27 volunteer cleanup photos were added to Fox-Wolf's 2020 Cleanup album, 328 reached
08/30/2020 (images) Photos show a duckling with a fishing lure caught on its bill, 398 reached
08/31/2020 (album) 10 volunteer cleanup photos were added to Fox-Wolf' 2020 Cleanup album, 430 reached
09/02/2020 (infographic) A photo demonstrates the importance of properly draining pools, 4,365 reached
09/02/2020 (images) The Weyenberg's did another big cleanup along the Wolf River, 749 reached
09/03/2020 (infographic) Volunteers are needed to help with planting Swan Acres's shores, 275 reached
09/03/2020 (images) A reminder to submit your photos for our 2020 cleanup album, 431 reached
09/04/2020 (FWWA link) AIS Spotlight – Asian Carp, 164 reached
09/04/2020 (images & link) A "Kids Don't Float" life jacket loaner station was added to Fritse Park, 483 reached
09/07/2020 (images) 6 volunteer cleanup photos were added to Fox-Wolf's Cleanup album, 418 reached
09/08/2020 (images) 8 volunteer cleanup photos were added to Fox-Wolf's Cleanup album, 336 reached
09/08/2020 (images) Voting is now open for our 2020 Cleanup Photo Contest, 1,013 reached
09/09/2020 (image & link) Fox-Wolf is hiring a Lower Fox River Watershed Coordinator
09/11/2020 (news link) Oshkosh Students turn a tragic day into giving back, 390 reached
09/12/2020 (news link) Shawano County couple saves snapping turtles, 367 reached
09/13/2020 (images) Photos show Oshkosh North students cleanup up Miller's Bay by kayak, 428 reached
09/13/2020 (images) Photos show the winners of the 2020 Cleanup Photo Contest, 557 reached
09/14/2020 (image) Photo shows the annual economic benefit of a single tree, including water runoff reduction, 492 reached
09/15/2020 (image) Photos shows Fox-Wolf staff wearing Fox-Wolf beanies, looking for interest in fundraiser, 759 reached
09/14/2020 (images) Photos show the danger of strainers, or branches underwater that can catch paddlers, 650 reached
09/18/2020 (news link) Woman and sunfish for five-year friendship on Minnesota lake, 557 reached
09/21/2020 (image) Reminder: followers that they can now round up at the register at REI to support Fox-Wolf 1,688 reached
09/23/2020 (images) Photos show another cleanup by the Weyenberg's on the Wolf River, 448 reached
09/25/2020 (news link) Whooping Crane survived one of Wisconsin's harshest winters, 415 reached
09/25/2020 (FWWA link) Waterfowl Hunters Help Prevent the Spread of AIS, 145 reached
09/25/2020 (images) Blue-green algae bloom alert and health warning, 335 reached
09/28/2020 (FB event) Live from the Field: Seven Oaks Dairy, 169 reached
09/29/2020 (video) Recording of the Live with Farmers event, 173 reached
09/30/2020 (news link) Fox River Cleanup Project Celebrated at Annual Clean Bay Backers Meeting, 300 reached
10/01/2020 (image) This is not where you masks go when you're done with them, 5,301 reached
10/01/2020 (news link) Archaeologists discover graves and 200 cultural features along Lake Winnebago, 330 reached
10/01/2020 (update cover photo) Crystal River near Waupaca, 328 reached

10/02/2020 (photo) Fox-Wolf beanies are here, 912 reached
10/03/2020 (video) Fox-Wolf's Chris Acy talks about AIS and waterfowl hunters, 328 reached
10/04/2020 (image) Where in the Watershed was this photo taken? Big Smokey Falls, 556 reached
10/05/2020 (news link) Cleanup needed along Lake Michigan shorelines, 296 reached
10/07/2020 (link) Fox-Wolf was live with Pipe Creek farmers, 131 reached
10/07/2020 (image) Thanks for sharing our Adopt-a-Launch program Oshkosh Herald, 392 reached
10/07/2020 (images) 6 photos were added to Cleanup Volunteers are EVERYWHERE!, 355 reached
10/08/2020 (image/link) Help support Fox-Wolf's mission with a beanie purchase, 341 reached
10/08/2020 (image) Join us at 11 for a live talk with Farmer Dave in Pipe Creek, 455 reached
10/08/2020 (video) Fox-Wolf was live, 217 reached
10/08/2020 (video) Fox-Wolf was live, 135 reached
10/09/2020 (video) YouTube video from FDL showing live chat with farmer Dave, 206 reached
10/12/2020 (video) Fox-Wolf's Anna B. talks about cleaning your gear to prevent the spread of AIS, 213 reached
10/12/2020 (image) Fox-Wolf staff are masked and practicing social distancing while stream monitoring, 508 reached
10/13/2020 (images) photos showing conservation agricultural practices in Pipe Creek, 264 reached
10/13/2020 (images) 4 photos were added to Cleanup Volunteers are EVERYWHERE!, 392 reached
10/13/2020 (video) Fox-Wolf was live, 171 reached
10/14/2020 (image/link) We've received our Winter Salt Watch kit, 2,719 reached
10/15/2020 (image/link) Have you donated for your Fox-Wolf beanie yet?, 503 reached
10/15/2020 (news link) City of Green Bay utility has officially replaced all the city's lead pipes, 281 reached
10/16/2020 (news link) FDL mulls purchase of ledge property, 397 reached
10/20/2020 (GIF) Save-the-Date for the 2021 Fox-Wolf Watershed Cleanup, 596 reached
10/20/2020 (FWWA link) Clean Boats, Clean Waters program wraps up, 264 reached
10/20/2020 (image) Photo shows baseline chloride reading in Oshkosh, link to sign up, 276 reached
10/21/2020 (link) We will be live at 11am for farmer interview, 260 reached
10/21/2020 (video) Fox-Wolf was live in Pipe Creek watershed, 1,628 reached
10/22/2020 (news link) Michigan Man Discovers Strange Glowing Rocks in the Upper Peninsula, 733 reached
10/22/2020 (image) Where in the watershed was this photo taken? FDL County Wayside, 377 reached
10/23/2020 (image) Do you like how our Fox-Wolf pumpkin turned out?, 1,588 reached
10/23/2020 (FWWA link) Waterfowl Hunter AIS Outreach efforts during waterfowl season opener!, 275 reached
10/26/2020 (image/link) Fox-Wolf beanies are still available but are going fast, 406 reached
10/26/2020 (map link) This map shows where volunteers are monitoring for chlorides in our basin, 415 reached
10/27/2020 (image) Photo shows the baseline chloride reading from Ashwaubenon Creek, 426 reached
10/28/2020 (video) "The Worth of Water" is worth a watch, 471 reached
10/28/2020 (image) Baseline chloride reaching from the Fond du Lac river, 240 reached
10/29/2020 (image) Things to keep out of our drains including demonic clowns, 2,549 reached
10/30/2020 (image/link) Register for the Izaak Walton League's Salt Watch webinar, 533 reached
10/31/2020 (video) Brown County staff discuss restoration work at Ken Euers Nature Preserve, 233 reached
10/31/2020 (link) Rare Halloween blue moon is a treat for us all, 249 reached
10/31/2020 (link) Winnebago Waterways monthly newsletter, 165 reached
11/02/2020 (link) Public Lands Grant Opportunity, 286 reached
11/02/2020 (image) Fox-Wolf updates their profile picture, 287 reached
11/03/2020 (image) Thank you Cellcom for sponsoring our 2021 Fox-Wolf Watershed Cleanup, 692 reached
11/04/2020 (video) The company that makes our trash grabbers is looking to be more sustainable, 246 reached
11/04/2020 (image) Join Fox-Wolf this winter and help clean up trash using the Litterati app, 753 reached
11/06/2020 (FWWA link) Winnebago Waterways program seeks Members at Large, 243 reached
11/06/2020 (image) The Fox River looks pink in downtown Oshkosh, 284 reached
11/08/2020 (image) Thank you REI and customers for your donation of $254.37, 493 reached
11/08/2020 (image) Photo shows baseline chloride reading from Superior, WI, 361 reached

11/10/2020 (image) Dad joke: I thought you should know I'm outstanding in my field, 635 reached
11/11/2020 (news link) De Pere's crown jewel of tourism is vandalized, 404 reached
11/13/2020 (news link) Record high temperatures leads to blue-green algae blooms in lakes, 361 reached
11/13/2020 (news link) Two men arrested in De Pere Riverwalk Damage, 350 reached
11/16/2020 (images) Thank you card from FDL stem teacher and students for chatting with them, 408 reached
11/17/2020 (image/link) Your feedback is needed on Green Bay AOC habitat restoration work, 653 reached
11/17/2020 (news link) Invasive Asian Carp used for dog food, 389 reached
11/18/2020 (images) Brothers clean up garbage at Asylum Point, 762 reached
11/18/2020 (image) Baseline chloride reading from second Oshkosh location, 383 reached
11/19/2020 (news link) Is it possible to turn plastic waste into affordable housing, 240 reached
11/20/2020 (image) Baseline chloride reading from Washington Park in Neenah, 402 reached
11/23/2020 (image) Baseline chloride reading from Kuckuk Park in Shawano, 490 reached
11/23/2020 (FWWA link) How do AIS get into our waterways? Canals, dams, and diversions, 264 reached
11/24/2020 (image) Fox-Wolf works to prevent the spread of AIS, GT image, 429 reached
11/25/2020 (image) Fox-Wolf monitors the impact of recovery efforts, GT image, 305 reached
11/27/2020 (image) Fox-Wolf provides watershed education in schools, GT image, 494 reached
11/28/2020 (image) Fox-Wolf coordinates multi-stakeholder projects, GT image, 329 reached
11/29/2020 (image) Fox-Wolf coordinates the annual Fox-Wolf Watershed Cleanup, 338 reached
11/30/2020 (link) WDNR: Be on the lookout for Marsh Pennywort, 185 reached
11/30/2020 (image) You can support Fox-Wolf through your Amazon purchases this giving season, 634 reached
11/30/2020 (image) Fox-Wolf works to install shoreline restoration efforts, GT image, 409 reached
12/01/2020 (news link) Snowy owls are back in Wisconsin, 480 reached
12/01/2020 (image/link) It's Giving Tuesday, support Fox-Wolf, support clean water, 429 reached
12/04/2020 (image/link) Fox-Wolf beanies make a perfect Christmas gift, 567 reached
12/07/2020 (image) Calmness over Lake Winnebago, 387 reached
12/07/2020 (image/link) Welcome to the team Katie, 468 reached
12/09/2020 (images) Volunteers monitored Mud Creek in Fox Crossing for chlorides, 340 reached
12/09/2020 (image) Support Fox-Wolf by sharing our page and inviting others to like us, 620 reached
12/10/2020 (image) Sunrise over Lake Winnebago, 465 reached
12/10/2020 (event) 6th annual Farmer Roundtable, 104 reached
12/12/2020 (image) Relying on salt and de-icers vs. shoveling first, 2,921 reached
12/13/2020 (image/link) Fox-Wolf beanies make a great last minute gift, 278 reached
12/13/2020 (images) Second chloride readings from chloride monitors in the basin, 3,455 reached
12/15/2020 (image) We're feeling inspired over here (snowman in kayak), 4,053 reached
12/16/2020 (news link) Thousands of golf fish removed from MN lake, 711 reached
12/16/2020 (Fox-Wolf video) Chris Acy talks about the history of the Sea Lamprey in the Great Lakes, 651 reached
12/18/2020 (link) see the history of the Mississippi River through LiDar, 513 reached
12/21/2020 (FWWA link) How do invasive species get in our waterways? Maritime commerce, 252 reached
12/22/2020 (news link) WDNR addresses plan to address PFAS contamination in Wisconsin, 329 reached
12/23/2020 (images) Second chloride readings from locations in the Fox-Wolf basin, 310 reached
12/23/2020 (video) Man helps deer stuck on frozen lake, 307 reached
12/24/2020 (image) Happy Holidays from all of us at Fox-Wolf, 430 reached
12/27/2020 (image) Joanne & Charlie Tilleman are a Watershed Keeper sponsor for the 2021 event, 409 reached
12/28/2020 (image) Link to watch first Fox-Wolf AIS Creature Feature video, 144 reached
12/28/2020 (images) Photos show rescuers on Lake Winnebago who were able to capture injured pelicans, 567 reached
12/28/2020 (image) Photo show footprints on a frozen Lake Winnebago, 338 reached
12/29/2020 (image) Scatter like salt bae meme, reduce your salt use, 2,745 reached

DE PERE®

CITY OF DE PERE

STORM WATER MANAGEMENT PROGRAM

MARCH 4, 2021

DRAFT

The intent of this document is to provide written storm water management programs that describe in detail how the City of De Pere intends to comply with the MS4 permit requirements for each program (minimum control measures). These written programs inform the department, municipal staff, and public what the City will do. Throughout this document, the program requirements are listed in italics with the City procedures listed in regular font.

Overall Program Management
Staff and their storm water responsibilities are documented for who implements components of the SWMPs.
Partnerships are established to implement all or aspects of the SWMPs, including any formal agreements.

MS4 Team Member	Title	SWMP Responsibilities
Eric Rakers	City Engineer	Public Education & Outreach, Public Involvement, IDDE, Construction Site Pollutant Control, Post-Construction Storm Water Management
Tony Fietzer	Street Superintendent	Pond/Swale Maintenance, Winter Road Management, Collection Services, Internal Training
Don Melichar	Park Superintendent/Forester	Nutrient Management, Pond/Swale Maintenance, Internal Training
Tom Blohowiak	Maintenance Supervisor	SWPPP inspections, Internal Training
Dennis Jensen	Senior Building Inspector	Construction Site Pollutant Control, Internal Training
Betty Sellenheim	Administrative Assistant	Public Education & Outreach, Public Involvement & Participation

2.1 Public Education and Outreach
2.1.1 The program has a plan for addressing all 8 topics in Table 1 at least once during the permit term.*
2.1.2 The program has a plan for using at least 4 delivery mechanisms in Table 2 each year, with at least 2* from the Active/Interactive column.*
2.1.3 The program identifies the target audience for each topic. (Target audiences may include the general public, public employees, residents, businesses, contractors, developers, industries, and/or other appropriate audiences.)
Does the program identify who is responsible?
Does the program have target dates or frequencies?

A Public Education and Outreach plan has been developed for WPDES Permit No. WI-S050075-3 expiring April 30, 2024. The Public Education and Outreach plan spreadsheet was developed by NEWSC. It is broken down by the 8 topics from Table 1 of the permit, displays Active/Interactive mechanisms and utilizes available reference materials from NEWSC. Each year of the permit term lists the planned activities, the responsible staff, and target dates. See Appendix A for the Public Education and Outreach Plan.

2.2 Public Involvement and Participation

2.2.1 The program has a plan to provide an opportunity for the public to provide input on the:

- *Annual Report*
- *Storm water management program*
- *Adoption or amendment of storm water related ordinance at least once, annually*

2.2.2 The program identifies the delivery mechanism for the above permit activities.

2.2.3 The program has a plan for at least1 volunteer activity per year (i.e., group best management practice (BMP) installation or maintenance, storm drain stenciling, planting community rain garden, clean up event, stream monitoring, citizen committee meeting, public workshop, presentation on storm water information, or other hands-on event).

2.2.4 The program identifies the target participant for each permit and volunteer activity. (Target audiences may include the general public, public employees, residents, businesses, contractors, developers, industries, and/or other appropriate audiences.)

Does the program identify who is responsible?

Does the program have target dates or frequencies?

Public Involvement and Participation events are included in the Public Education and Outreach plan. See Appendix A for the Public Education and Outreach Plan that includes Public Involvement and Participation. City Council has approved a Storm Water Art Project that consists of painting approximately 20 storm drains in the downtown area. The annual MS4 permit is approved by the Board of Public Works and City Council in March before it is submitted to the DNR. The Storm Water Management Program will be approved by the Board of Public Works and City Council. Any amendments made to the storm water ordinances must be approved by the Board of Public Works and City Council before being implemented. The Fox-Wolf Watershed coordinates a clean-up event annually at Voyageur Park. The Beautification Committee cleans-up along the Fox River Trail weekly.

2.3 Illicit Discharge Detection and Elimination

2.3.1 IDDE ordinance. A regulatory mechanism is adopted to prohibit illicit discharge into your MS4; it also establishes inspection and enforcement authority. This mechanism is referenced in the SWMP.

2.3.1 Chapter 29 of the Municipal Code addresses Illicit Discharge Detection and Elimination and gives the City authority to prohibit and enforce illicit discharges.

2.3.2 IDDE field screening.

- *The program has 100% of the total major outfalls planned to be screened during the term of the permit.*
- *The program has a prioritization procedure developed for selecting minor outfalls for screening (consideration was given to hydrological conditions, total drainage area of the site, population*

density of the site, traffic density, age of the structures or buildings in the area, history of the area and land use types)
    - *The procedure identifies selected minor outfalls to screen annually.*
    - *Dates/timeframe for screening identified.*
- *The program has visual and field sampling procedures established.*

2.3.2 All major outfalls are screened during a permit term. Major outfalls are screened every 5 years: 2015, 2020 (finishing in 2021), 2025, 2030, etc. All minor outfalls are reviewed within the permit cycle. See Appendix E for the Outfall Inspection Form.

2.3.3 Source investigation and elimination. The program establishes:
- *Risk assessment procedures and response times*
- *Public facing procedures for illicit discharge complaints and spill reporting.*
- *Procedures for documenting screenings, source investigations, and eliminations (h.1-5)*

2.3.4 Response times.
- *The program establishes response times for removing illicit discharge.*
- *Report to DNR if it cannot be fixed in 30 days.*

2.3.5 Does the program identify who is responsible for responding to illicit discharge reports and spills?

2.3.5 The City adopted an Illicit Discharge Detection and Elimination Manual. The Manual is posted on the City website. The IDDE Manual identifies who is responsible for responding to illicit discharge reports and spills.

2.4 Construction Site Pollutant Control

2.4.1 Construction site ordinance. A regulatory mechanism is adopted to require erosion and sediment control at construction sites and establish sanctions to ensure compliance. This mechanism is referenced in the SWMP.

2.4.1 Chapter 42 of the Municipal Code addresses construction site erosion control and gives the City authority to require and enforce erosion and sediment control practices at construction sites.

2.4.2 Erosion and sediment control plan review.
- *Have procedures been established for permit review?*
    - *Are the reviewers identified?*
    - *Are reviewers trained in reviewing erosion and sediment control plan elements?*
    - *Is there a means to convey and document review comments and their resolution?*

2.4.2 Erosion and sediment control is permitted through the building inspection department. The building inspection department is trained in erosion and sediment control plan elements and inspection.
- Dennis Jensen, Senior Building Inspector
- Chelsea Myers, Building Inspector

2.4.3 Administrative procedures. A program has been established for the permit application process. Does the program:

- *Have an application form?*
- *Cover municipal projects under their permits and hold them to the same standards as private projects?*
- *Have a way of tracking regulated construction sites?*
- *Have a way of managing and responding to complaints?*

2.4.3 Municipal projects are permitted through the Wisconsin DNR, they are held to the same standards as private development in the City. Building inspection regulates private sites; permitted sites are tracked through InCode. Engineering department monitors municipal sites and commercial sites. The commercial sites are tracked on an Erosion Control spreadsheet shown in Appendix B. Municipal projects are tracked within the individual projects.

2.4.4 Construction site inspections and enforcement.

- *Are written procedures in place that detail the construction site inspection and enforcement process?*
  - *Does the procedure identify an inspector?*
  - *Does the procedure identify the frequency of inspections? Are they consistent with Table 3 of the permit?*
- *Have enforcement mechanisms to obtain compliance (tying back to the ordinance)?*
- *Have a process to follow-up on issues found and documented in a timely fashion?*

2.4.4 Wisconsin DNR form 3400-187 is used to inspect erosion and sediment control on all construction sites. Municipal sites follow the Wisconsin DNR permit requirements for frequency: once per week or after ½" rain event. Private sites follow Table 3 of the permit (shown below). Issues found on private sites are addressed via e-mail from building inspection, a site visit to follow and a stop-work order if noncompliance continues.

Table 3: Construction Site Inspection Frequency

Site	Inspection Frequency
(1) All sites one acre or more in size	• New projects shall be inspected within the first two weeks of commencement of land disturbing activity • All active sites shall be inspected at least once every 45 days • All inactive sites shall be inspected at least once every 60 days
(2) Follow up inspection	• Follow up inspections are required within 7 days of any sediment discharge or inadequate control measure, unless corrections were made and observed by the inspector during initial inspection or corrections were verified via photographs submitted to the inspector
(3) Final inspection	• Confirm that all graded areas have reached final stabilization and that all temporary control measures are removed, and permanent storm water management BMPs are installed as designed

2.5 Post-Construction Storm Water Management

2.5.1 Post-construction storm water ordinance. A regulatory mechanism is adopted to require post-construction storm water discharges from new development and redevelopment. This mechanism is referenced in the SWMP.

2.5.1 Chapter 28 of the Municipal Code addresses post construction storm water discharges from new development and redevelopment.

2.5.2 Administrative procedures. (May tie to 2.4.3) A program has been established for the permit application process. Does the program:

- *Have a project completion process?*
  - *Verification of final stabilization.*
  - *BMP record drawings as required.*
  - *Track private maintenance plans and agreements.*

2.5.2 Erosion and sediment control inspections continue until a construction site meets final stabilization requirements of 70% vegetated. 70% vegetation and completion of erosion and sediment control inspections is documented with photos and a final inspection report to remove temporary erosion and sediment control measures. Engineer stamped record drawings are required for storm water facilities. Maintenance plans and agreements are tracked and a copy is filed in the corresponding storm water basin folder and property folder.

2.5.3 Storm water management plan review. (May tie to 2.4.2)

- *Have procedures been established for plan review?*
  - *Are reviewers trained in reviewing post-construction storm water design elements?*
  - *Is there a means to convey and document review comments and their resolution?*

2.5.3 Plan review procedures include a site plan review checklist that references pertinent ordinances. The checklist is used by the planning and engineering departments to track and respond to comments and their resolution. The checklist is located in Appendix C.

2.5.4 Long-term maintenance, inspections and enforcement. For on-going maintenance of BMPs, does the program:

- *Identify an inspector?*
- *Have a process to define who is responsible for maintenance?*
- *Have procedures for who pays for corrective action?*
- *Have procedures if the private party fails to maintain?*

2.5.4 The engineering department inspects all BMPs, public and private, annually. All storm water facilities within the City are cataloged on a spreadsheet linking to corresponding storm basin folders. Private facility owners are responsible for their own site maintenance. The City sends letters to property owners detailing the required maintenance and deadline to complete the maintenance. If the deadline is not met the City will send another letter, complete the maintenance and bill the property owner for the work.

2.6 Pollution Prevention

2.6.1 Storm water management facilities. Inventory is in a tabular format and includes:

- *Key corresponding BMP location on the MS4 map*
- *Name and description of the BMP*
- *Type of BMP*
- *Year BMP was constructed*
- *Confirmation if these elements are available:*
  - *O&M plan with inspection procedures and schedule*
  - *A record drawing*
  - *If BMP is owned by another entity and being used for water quality credit, written documentation from owner that permittee has permission to use the BMP for this purpose*
- *Staff can request documentation is not provided (may be in project file, could be an Intermunicipal agreement or maintenance agreement).*
- *Confirm if the inventory matches structural BMPs used for modeling.*

2.6.1 The engineering department keeps a spreadsheet list of all the storm water facilities, public and private, in the City. The spreadsheet is located in Appendix D. The spreadsheet links to each corresponding storm basin folder. The storm basin folder contains Maintenance agreements, record drawings, plan sheets, photos, and past inspection reports.

2.6.2 BMP maintenance plan and inspection procedures. For each BMP inventories under 2.6.1, the program shall include:

- *Inspection and documentation process*
- *Maintenance schedule to maintain pollutant removal operating efficiency.*

2.6.2 The City uses separate inspection forms for ponds, swales and bio filters; they are located in Appendix E. The inspection reports and photos are saved in the storm basin folders that are linked to the spreadsheet. The storm water facility inspections are documented on the spreadsheet with the inspector, date and maintenance needed.

2.6.3 Municipally owned public works facilities.

- *Storm Water Pollution Prevention Plans (SWPPPs) are developed, maintained, and implemented.*

2.6.3 The City has adopted a Storm Water Pollution Prevention Plan (SWPPP) for the Municipal Service Center. Site inspections specified in the SWPPP are completed by the Maintenance Department.

2.6.4 A program to implement measures to reduce municipal sources of storm water contamination within source water protection areas.

- *Wisconsin's source water assessment program information may be found on the Department/s Internet site at: https://dnr.wi.gov/topic/drinkingwater/sourcewaterprotection.html*

2.6.5 Collection services/Storm sewer system maintenance activities.

- *Street sweeping program-Documentation of the number and type of equipment used, standard operating procedures, estimate of lane-miles swept annually, and an estimate of weight in tons of material collected annually.*
- *Catch basins-Documentation of the number of catch basin inspections, the number cleaned, standard operating procedures, and an estimate of the weight in tons of material collected annually.*
- *Leaf management-Description of leaf collection program, estimate of weight collected annually, municipally operated leaf disposal locations.*

2.6.5 The Street Department is responsible for all collection services: Street sweeping, catch basins, and leaf management. A spreadsheet, shown in Appendix F, is used to track the lane-miles swept, catch basins cleaned, and amount of leaves collected weekly and year-to-date.

2.6.6 Winter Road Management.

- *A program for documenting deicing products used, amount used, equipment used, estimate of lane-miles treated, equipment calibration and other salt reduction strategies.*

2.6.6 Winter road management equipment is calibrated annually. Staff attends the Western Snow & Ice Conference annually which includes salt reduction strategy training. The amount of salt and brine used is tracked by the Street Department.

2.6.7 Nutrient management.

- *A program for site-specific nutrient application schedules on municipally controlled properties (such as parks, athletic fields, golf courses, etc.).*

2.6.7 A nutrient management program was developed for Southwest Park. The nutrient management program is located in Appendix G.

2.6.8 Environmentally sensitive development.

- *A program for considering environmentally sensitive land development designs for municipal projects.*

2.6.8 Planning and Engineering Departments review environmentally sensitive development options such as ESA's and storm water green ways. The most common element used by the City is narrowing roadway widths. The City of De Pere adopted a narrower residential street policy on October 24, 2014. This policy reduced street widths from a maximum of 36' clear to either 32' clear or 28' clear.

2.6.9 Internal training and education.

- *A program and schedule for training municipal staff and other personnel (including contractors) involved in implementing each of the elements of the pollution prevention program.*
- *Documentation includes date, number of people attending, names of individuals, a summary of their responsibilities, and content of the training.*
- *Documentation for elected officials of the permit requirements and expectations.*

2.6.9 All departments have their own training. Street Department uses ExCal storm water training videos loaned from NEWSC. Trainings dates, staff attended and training are recorded.

INDEX OF APPENDICES

APPENDIX A	OUTREACH & EDUCATION 5 YEAR PLAN	3 PAGES
APPENDIX B	CONSTRUCTION SITE EROSION CONTROL	1 PAGE
APPENDIX C	SITE PLAN REVIEW CHECKLIST	7 PAGES
APPENDIX D	STORMWATER OPERATION & MAINTENANCE LISTING	7 PAGES
APPENDIX E	CHECKLISTS – POND, SWALE, BIOFILTER OPERATION, AND OUTFALL	9 PAGES
APPENDIX F	STREET DEPARTMENT COLLECTION SERVICES	1 PAGE
APPENDIX G	SOUTHWEST PARK NUTRIENT MANAGEMENT PROGRAM	36 PAGES

APPENDIX A

OUTREACH & EDUCATION 5 YEAR PLAN

Outreach & Education Plan Template

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

#	2.1.1 Topic	Description Add WDNR description from permit language	2.1.3 Target Audience Description		NEWSC Resource 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					2024				
									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?	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	What is planned?	Who is going to do it?	When?	# people reached	Yes/No
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.*		*Other (Specify Here)*	**Halloween Themed Illicit Discharge Infographic**																										
				Other (Specify Here)	**Illicit Discharge Door Hanger**																										
				Other (Specify Here)	**School Presentations**		See Outreach Policy for procedure to make the most of NEWSC services https://drive.google.com/file/d/18vufC6Hl6kCw1z3WuEfVfiJo6tJ-TZdl/view?usp=sharing		West De Pere School presentation	Fox-Wolf	3/11-3/12	130	yes															Storm Water Presentation	Fox-Wolf			
				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/18vufC6Hl6kCw1z3WuEfVfiJo6tJ-TZdl/view?usp=sharing																								
			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/18vufC6Hl6kCw1z3WuEfVfiJo6tJ-TZdl/view?usp=sharing	**Volunteer event**	Fox River Cleanup	Betty	22-Aug-20	25	Yes	Fox River Cleanup	Betty	5/1/2021			Fox River Cleanup					Fox River Cleanup					Fox River Cleanup				
				Other (Specify Here)	**Excal Visual Training (DVD training) - IDDE**		***IDDE – A Grate Concern https://www.excalvisual.com/idde-training Contact NEWSC Coordinator to check out***																								
				Other (Specify Here)																											
				Other (Specify Here)																											
				Other (Specify Here)																											
				Other (Specify Here)																											
				Other (Specify Here)																											
				Other (Specify Here)																											
				Other (Specify Here)																											
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.*		*Other (Specify Here)*	**Household Hazardous Waste Flyer**		http://www.renewourwaters.org/wp-content/uploads/2019/07/Household-Hazardous-Waste.pdf																								
				Other (Specify Here)	**Carpet Cleaning Flyer**		http://www.renewourwaters.org/wp-content/uploads/2019/07/carpet-cleaning.pdf																								
				Other (Specify Here)	**Kids Can Help Too Flyer**		http://www.renewourwaters.org/kids-can-help-too-3/																								
			Residents	*Other (Specify Here)*	**Good Dog, Good Owner Flyer**		http://www.renewourwaters.org/wp-content/uploads/2019/07/Good-Dog-Good-Owner.pdf	**(mailings, newsletters, etc.) via mail or email**	Distributed with dog licenses	Carey Danen	Year Long		Yes	Distributed with dog licenses	Carey Danen				Distributed with dog licenses	Carey Danen				Distributed with dog licenses	Carey Danen				Distributed with dog licenses	Carey Danen			
				Other (Specify Here)	**Power Washing Flyer**		http://www.renewourwaters.org/wp-content/uploads/2019/07/Power-Washing-Home.pdf																								
				Other (Specify Here)	**Fish Don't Swim in Chlorine Flyer**		http://www.renewourwaters.org/wp-content/uploads/2019/07/Pool-Spa-Discharge.pdf																								
				Other (Specify Here)	**Vehicle Maintenance Flyer**		http://www.renewourwaters.org/wp-content/uploads/2019/07/Vehicle-Maintenance.pdf																								
				Other (Specify Here)	**Vehicle Maintenance Webpage**		http://www.renewourwaters.org/vehicle-maintenance-2/																								
				Other (Specify Here)	**Kids Can Help Too Webpage**		http://www.renewourwaters.org/kids-can-help-too-3/																								
				Other (Specify Here)	**Household Hazardous Waste Webpage**		http://www.renewourwaters.org/household-hazardous-waste-3/																								
				Other (Specify Here)	**Power Washing Webpage**		http://www.renewourwaters.org/power-washing/																								
			General Public	*Other (Specify Here)*	**Fish Don't Swim in Chlorine Webpage**		http://www.renewourwaters.org/pools-and-spas/	**Social media posts**	Posted to Facebook	Andrew Pantzlaff	9/3/2020		Yes																		
				Other (Specify Here)	**Carpet Cleaning Webpage**		http://www.renewourwaters.org/carpet-cleaning-2/																								
				Other (Specify Here)	**Good Dog, Good Owner Webpage**		http://www.renewourwaters.com/our-pets-our-waters/																								
				Other (Specify Here)	**Good Dog, Good Owner Infographic**		http://www.renewourwaters.org/wp-content/uploads/2019/07/Good-Dog-Good-Owner-Web-Ready.png																								
			Residents	*Other (Specify Here)*	**Car Washing Infographic**		http://www.renewourwaters.org/wp-content/uploads/2019/07/Car-on-Grass5M.jpg							Public Information Meeting	Eric Rakers	2/3/2021	25	Yes	Public Information Meeting	Eric Rakers				Public Information Meeting	Eric Rakers				Public Information Meeting	Eric Rakers			
				Other (Specify Here)	**Household Hazardous Waste Collection days**																										
				Other (Specify Here)	**School Presentations**		See Outreach Policy for procedure to make the most of NEWSC services https://drive.google.com/file/d/18vufC6Hl6kCw1z3WuEfVfiJo6tJ-TZdl/view?usp=sharing		West De Pere 5th grade class	Fox-Wolf	3/11-3/12	130	Yes															Storm Water Presentations	Fox-Wolf			
				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/18vufC6Hl6kCw1z3WuEfVfiJo6tJ-TZdl/view?usp=sharing																								
			General Public	*Other (Specify Here)*																											
				Other (Specify Here)																											
				Other (Specify Here)																											
				Other (Specify Here)																											
			General Public	*Other (Specify Here)*	**SW Drain/Inlet art (Definitely De Pere, Schools, Sustainability Commission)**			**Presentations, summer camps)**						Paint sidewalk art for sw pollution prevention	Tina Quigley																
			Residents	*Other (Specify Here)*				**Government event (public hearing, council meeting)**						Public Information Meeting	Eric Rakers	2/1-2/3	25	Yes	Public Information Meeting	Eric Rakers				Public Information Meeting	Eric Rakers				Public Information Meeting	Eric Rakers			
				Other (Specify Here)																											
				Other (Specify Here)																											
3	Yard Waste Management/ Pesticide and Fertilizer Application	*Promote beneficial onsite reuse of leaves and grass clippingsand proper use of lawn and garden fertilizers.*		*Other (Specify Here)*	**Leave Your Leaves on Land Flyer**		http://www.renewourwaters.org/wp-content/uploads/2019/07/Leave-Your-Leaves-on-Land.pdf																								
			Residents	*Other (Specify Here)*	**The Perfect Lawn Flyer**		http://www.renewourwaters.org/wp-content/uploads/2019/07/The-Perfect-Lawn.pdf	**(mailings, newsletters, etc.) via mail or email**	Sent with violation notices	Jenna LaRoche	Year Long		Yes	Sent with violation notices	Jenna LaRoche	Year Long			Sent with violation notices	Jenna LaRoche	Year Long			Sent with violation notices	Jenna LaRoche	Year Long			Sent with violation notices	Jenna LaRoche	Year Long		
				Other (Specify Here)	**Perfect Landscape Flyer**		http://www.renewourwaters.org/wp-content/uploads/2019/07/The-Pefect-Landscape-7.9.19.pdf																								
			Residents	*Other (Specify Here)*	**Ice & Snow Control flyer**		http://www.renewourwaters.org/wp-content/uploads/2019/07/Leave-Your-Leaves-on-Land.pdf							Public Information Meeting	Eric Rakers	2/3/2021	25	Yes	Public Information Meeting	Eric Rakers				Public Information Meeting	Eric Rakers				Public Information Meeting	Eric Rakers			
				Other (Specify Here)	**Kids Can Help Too Flyer**		http://www.renewourwaters.org/kids-can-help-too-3/																								
				Other (Specify Here)	**Leave Your Leaves on Land Webpage**		http://www.renewourwaters.org/leave-your-leaves-on-land/																								
				Other (Specify Here)	**The Perfect Lawn Webpage**		http://www.renewourwaters.org/the-perfect-lawn-3/																								
				Other (Specify Here)	**Perfect Landscape Webpage**		http://www.renewourwaters.org/the-perfect-landscape/																								
				Other (Specify Here)	**Ice & Snow Control Webpage**		http://www.renewourwaters.org/ice-and-snow-control-3/																								
				Other (Specify Here)	**Kids Can Help Too Webpage**		http://www.renewourwaters.org/kids-can-help-too-3/																								
				Other (Specify Here)	**Ice & Snow Control Infographic**		http://www.renewourwaters.org/wp-content/uploads/2019/07/ice-and-snow-removal-photo.jpg																								
			Residents	*Other (Specify Here)*	**Leave Your Leaves on Land Infographic**		http://www.renewourwaters.org/wp-content/uploads/2019/07/leaf-collection.jpg							Public Information Meeting	Eric Rakers	2/3/2021	25	Yes	Public Information Meeting	Eric Rakers				Public Information Meeting	Eric Rakers				Public Information Meeting	Eric Rakers			
			General Public	*Other (Specify Here)*	**Sweep Grass Clippings Infographic**		http://www.renewourwaters.org/wp-content/uploads/2019/07/grassclippingsROW.jpg	**Social media posts**	Posted to Facebook	Andrew Pantzlaff	6/22/2020	1528	Yes	Public Information Meeting	Eric Rakers	2/3/2021	25	Yes	Public Information Meeting	Eric Rakers				Public Information Meeting	Eric Rakers				Public Information Meeting	Eric Rakers			
				Other (Specify Here)	**School Presentations**		See Outreach Policy for procedure to make the most of NEWSC services https://drive.google.com/file/d/18vufC6Hl6kCw1z3WuEfVfiJo6tJ-TZdl/view?usp=sharing		West De Pere 5th grade	Fox-Wolf	3/11-3/12	130	Yes															Storm Water Presentation	Fox-Wolf			
				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/18vufC6Hl6kCw1z3WuEfVfiJo6tJ-TZdl/view?usp=sharing																								
				Other (Specify Here)																											
				Other (Specify Here)																											
				Other (Specify Here)																											
				Other (Specify Here)																											

			Residents	*Other (Specify Here)*					**Government event (public hearing, council meeting)**						Public Information Meeting	Eric Rakers	2/1-2/3	25	Yes	Public Information Meeting	Eric Rakers				Public Information Meeting	Eric Rakers				Public Information Meeting	Eric Rakers			
				Other (Specify Here)																																		
				Other (Specify Here)																																		
				Other (Specify Here)																																		
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.*		*Riparian Property Owner*	**Restore Your Shore Flyer**																																	
				Other (Specify Here)		**Streambank Restoration - NRCS Video**	https://www.youtube.com/watch?v=YX72P67YnhE																																	
				Other (Specify Here)		**Streambank Erosion Control - WDNR guide**	https://dnr.wi.gov/topic/Waterways/shoreline/streambank_erosion.html																																	
				Other (Specify Here)	**Shoreline Restoration Tour for Riparian Property Owners**																																	
				Other (Specify Here)	**School Presentations**		See Outreach Policy for procedure to make the most of NEWSC services https://drive.google.com/file/d/1BvufC9hKl6kCw1z3WuEfVfLlJo6lJ-T7v/view?usp=sharing																																	
				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/1BvufC9hKl6kCw1z3WuEfVfLlJo6lJ-T7v/view?usp=sharing																																	
			Residents	*Other (Specify Here)*					**Other Passive Mechanism**	Charles Street Swale Clearing	Betty			Yes	Pond Maint. Letters	Jenna	January	13	Yes																				
				Other (Specify Here)																																		
				Other (Specify Here)																																		
				Other (Specify Here)																																		
				Other (Specify Here)																																		
				Other (Specify Here)																																		
5	**Residential Infiltration**	*Promote infiltration of residential storm water runoff from rooftop downspouts, driveways, and sidewalks.*		*Other (Specify Here)*	**Rain Barrel Flyer**		http://www.renewourwaters.org/wp-content/uploads/2019/04/Rain-Barrels-Handout.pdf																																	
				Other (Specify Here)	**The Perfect Landscape Flyer**		http://www.renewourwaters.org/wp-content/uploads/2019/07/The-Perfect-Landscape-7.9.19.pdf																																	
				Other (Specify Here)	**The Perfect Landscape Webpage**		http://www.renewourwaters.org/the-perfect-landscape/																																	
				Other (Specify Here)	**Rain Barrel Webpage**		http://www.renewourwaters.org/rain-barrels/																																	
				Other (Specify Here)	**School Presentations**		See Outreach Policy for procedure to make the most of NEWSC services https://drive.google.com/file/d/1BvufC9hKl6kCw1z3WuEfVfLlJo6lJ-T7v/view?usp=sharing																																	
				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/1BvufC9hKl6kCw1z3WuEfVfLlJo6lJ-T7v/view?usp=sharing																																	
			Residents	*Other (Specify Here)*					**Other Passive Mechanism**	Sump Pump calls/emails-adding storm laterals on	Chase		3	Yes																											
				Other (Specify Here)																																		
				Other (Specify Here)																																		
				Other (Specify Here)																																		
				Other (Specify Here)																																		
				Other (Specify Here)																																		
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.*		*1 and 2 family home builders*		**EPA's Stormwater & The Construction Industry - Maintain Your BMPs Poster**	http://www.renewourwaters.org/wp-content/uploads/2019/07/Construction-BMPs-Erosion-Sediment-Control.pdf																																		
				1 and 2 family home builders	**Erosion Control Workshop for 1 & 2 Family Home Builders, Contractors and Inspectors**		***NEWSC training held every other year or as requested.***																																	
				Builders and Contractors	**Erosion & Sediment Control Pocket Field Guide**		https://fwwa.sharepoint.com/:b:/s/NEWSC2/EdPUnDRD7MRKv0zfhlEnpIoBchXb5kenGX0HmZRSnIhwgA?e=vTY8kg			Sent with EC permit packets	Dennis	ongoing		yes	Sent with EC permit packets	Dennis	ongoing			Sent with EC permit packets	Dennis	ongoing			Sent with EC permit packet	Dennis	ongoing									
				Other (Specify Here)		**NASECA Erosion Control Training**																																		
				Other (Specify Here)	**Stormwater BMP Workshop - Design/Operation/Maintenance**		**NEWSC Municipal Committee holds trainings annually**									Workshop attendence	Dennis/Chelsea				Workshop attendence	Dennis/Chelsea				Workshop attendence	Dennis/Chelsea				workshop attendence	Dennis/Chelsea					
				Other (Specify Here)	**Fox-Wolf Watershed Conference**		**Annual Conference held 1st Tuesday/Wednesday in March - check online www.fwwa.org/conference for more details**			Conference Attendee	Jenna	3/9/2020	1	yes																												
				Other (Specify Here)																																		
				Other (Specify Here)																																		
				Other (Specify Here)																																		
				Other (Specify Here)																																		
				Other (Specify Here)																																		
				Other (Specify Here)																																		
				Other (Specify Here)																																		
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.*		*Professional Carpet Cleaning Services*	**Carpet Cleaning Flyer**		http://www.renewourwaters.org/wp-content/uploads/2015/04/Professional-Carpet-Cleaning.pdf																																	
				Garden Centers	**Greenhouses, Garden Centers & Nurseries Flyer**		http://www.renewourwaters.org/wp-content/uploads/2015/04/Garden-Centers.pdf																																	
				Restaurants	**Letter to Restaurant Manager**																																	
				Restaurants	**Restaurant Poster**																																	
				Professional Power Washers	**Professional Power Washing Flyer**		http://www.renewourwaters.org/wp-content/uploads/2015/04/Power-washing-for-the-professional-washer.pdf																																	
				Concrete pourer	**Concrete Washout Flyer**		http://www.renewourwaters.org/wp-content/uploads/2015/04/Concrete-Washout.pdf																																	
				Other (Specify Here)		**EPA's Stormwater & The Construction Industry - Maintain Your BMPs Poster**	http://www.renewourwaters.org/wp-content/uploads/2019/07/Construction-BMPs-Erosion-Sediment-Control.pdf																																	
				Other (Specify Here)	**Dumpster Management Flyer**		content/uploads/2015/04/Dumpster-Management-bilingual-pamphlet.pdf																																	
				Other (Specify Here)	**Dumpster Management Poster**		content/uploads/2015/04/Dumpster-Management-bilingual-pamphlet.pdf																																	
				Other (Specify Here)	**Parking Lot Maintenance Flyer**		http://www.renewourwaters.org/wp-content/uploads/2015/04/Parking-Lot-BMP.pdf																																	
				Other (Specify Here)	**Winter Parking Lot Maintenance Flyer**		http://www.renewourwaters.org/wp-content/uploads/2019/11/Parking-Lot-Maintenance-Winter-BMPs.pdf																																	
				All property owners over 1/2 acre pervious surface	**Winter Parking Lot Workshop**		***NEWSC training anticipated to be held every other year (2021/2023)***																																	
				Other (Specify Here)	**Fleet Maintenance Training Poster**		Fleet Maintenance https://drive.google.com/file/d/15P7kQD6xpngJJxqigD6UN3PM7K92nFHA/view?usp=sharing																																	
				Other (Specify Here)	**Parks & Grounds Maintenance Training Poster**		Parks & Grounds Maintenance https://drive.google.com/file/d/1DfLAT1XwBZVmOlEVQiEO1S2r1JUL8-Ad/view?usp=sharing																																	
				Other (Specify Here)	**Land Disturbance Training Poster**		Land Disturbances https://drive.google.com/file/d/1f4n-wFcILZCQ11.8DMEp95nEqurHSYnn9/view?usp=sharing																																	
				Other (Specify Here)	**Materials Storage & Spill Cleanup Training Poster**		Materials Storage & Spill Cleanup https://drive.google.com/file/d/1qnggqN4kVhxf-5Fcnm8kPQLFeSUnJ2wa/view?usp=sharing																																	
				Other (Specify Here)	**Streets & Drainage Maintenance Training Poster**		Streets & Drainage Maintenance https://drive.google.com/file/d/1SS8aN15yKbQic97wsqP1P3mPZG1Npt1U/view?usp=sharing																																	
				Other (Specify Here)	**Solid Waste Operations Training Poster**		Solid Waste Operations https://drive.google.com/file/d/1PpFPqAfYXD8MD-Qu3QiUdgQiSiqUgmuQ/view?usp=sharing																																	
				Other (Specify Here)	**Parks & Grounds Maintenance 2 Training Poster**		Parks & Ground Maintenance https://drive.google.com/file/d/1dvgpX6M-vB0tsJOMfw-DDZfiOrqDY2/view?usp=sharing																																	
				Other (Specify Here)	**Streets & Drainage Maintenance 2 Training Poster**		Streets & Drainage Maintenance https://drive.google.com/file/d/1e9XTqC2fBvaanfw9OQcMpEWB-Q3Ou1Ww/view?usp=sharing																																	
				Other (Specify Here)	**Solid Waste Operations 2 Training Poster**		Solid Waste Operations https://drive.google.com/file/d/1slEHf3LBimXqcC1ukeuuFfh_6QISp0Jq/view?usp=sharing																																	
				Other (Specify Here)	**Land Disturbance 2 Training Poster**		Land Disturbances https://drive.google.com/file/d/151MQawOKo-Qeb8WwF3kOQArlx4lK7zaV/view?usp=sharing																																	
				Other (Specify Here)	**Excal Visual Training (DVD training) - Raincheck**		Yard Check - Stormwater Pollution Prevention for Mixed **https://www.excalvisual.com/swrc-extended-preview**									Street Dept.	Tony				Street Dept.	Tony				Street Dept.	Tony				Excal Visual Training (DVD training) - Raincheck	Street Dept.	Tony				
				Other (Specify Here)																																		
				Other (Specify Here)																																		
				Other (Specify Here)																																		

				Other (Specify Here)	Watershed Cleanup*		See Outreach Policy for procedure to make the most of NEWSC services https://drive.google.com/file/d/1lkvRC6hK4Cw1z3WuERVlU0dbJ-TZdUxw/view?usp=sharing	Government event (public hearing, council meeting)																								
			General Public	Other (Specify Here)				Government event (public hearing, council meeting)	Board of Public Works	Eric	March		Yes	Board of Public Works	Eric Rakers	March			Board of Public Works	Eric Rakers	March			Board of Public Works	Eric Rakers	March			Board of Public Works	Eric Rakers	March		
			General Public	Other (Specify Here)				Government event (public hearing, council meeting)	Council	Eric	March		Yes	Council	Eric Rakers	March			Council	Eric Rakers	March			Council	Eric Rakers	March			Council	Eric Rakers	March		
				Other (Specify Here)																												
				Elected Officials																												
				Elected Officials		League of Municipalities Annual Conference	https://lwm-info.org/731/Annual-Conference																									
8	Green Infrastructure/Low Impact Development	*Promote environmentall sensitive land development designs by developers and designers, including green infrasture and low impact development.*	General Public	Other (Specify Here)				Signage	Native Planting Plaque and Planting @ Manassas				Yes	Native Planting Plaque and Planting @ Manassas				Yes	Native Planting Plaque and Planting @ Manassas				Yes	Native Planting Plaque & Planting @ Manassas				Yes	Native Planting Plaque & Planting @ Manassas				Yes
				Other (Specify Here)																												
				Other (Specify Here)																												
			Public Employees	Other (Specify Here)				Tours	Green Roof Tour	Tom			yes	Green Roof Tour	Tom				Green Roof Tour	Tom				Green Roof Tour	Tom				Green Roof Tour	Tom			
			Public Employees	Other (Specify Here)				Workshops						Solar Panel installation	Tom																	
			General Public	Other (Specify Here)				Government event (public hearing, council meeting)	Sustainability Commission	Betty	Quarterly		Yes	Sustainability Commission	Betty	Quarterly			Sustainability Commission	Betty	Quarterly			Sustainability Commission	Betty	Quarterly			Sustainability Commission	Betty	Quarterly		
				Other (Specify Here)																												

		Planned	Complete	Planned	Complete	Planned	Complete	Planned	Complete	Planned	Complete	Planned	Complete
Each Permit Cycle: 8 of 8 Topics must be addressed	Total # of Outreach Efforts	17	17	20	8	17	1	17	1	20	1	Covered at least Once during permit term?	
Each Year a Permittee Must: Address 6 out of 8 Topics, Use at least 2 active Delivery Mechanisms	# of Public Involvement Events (Count GOLD and GREEN Rows with Text)												
*Public Participation Efforts may count towards Education & Outreach Efforts	Illicit Discharge Detection & Elimination	Topic 1 Covered	yes	yes	yes	no	yes	no	yes	no	yes	no	yes	yes
	Household Hazardous Waste Disposal/Pet Waste Management/Vehicle Washing	Topic 2 Covered	yes	yes	yes	yes	yes	no	yes	no	yes	no	yes	yes
	Yard Waste Management/ Pesticide and Fertilizer Application	Topic 3 Covered	yes	yes	yes	yes	yes	no	yes	no	yes	no	yes	yes
	Stream and Shoreline Management	Topic 4 Covered	yes	yes	yes	yes	no	no	no	no	no	no	yes	yes
	Residential Infiltration	Topic 5 Covered	yes	yes	no	no	no	no	no	no	no	no	yes	yes
	Construction Sites & Post Construction Stormwater Management	Topic 6 Covered	yes	yes	yes	no	yes	no	yes	no	yes	no	yes	yes
	Pollution Prevention	Topic 7 Covered	yes	yes	yes	no	yes	no	yes	no	yes	no	yes	yes
	Green Infrastructure/Low Impact Development	Topic 8 Covered	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
		# of Topics Covered	8	8	7	4	6	1	6	1	6	1	8	8
		Minimum of 6 Topics Covered Goal Met	YES	YES	YES	NO	YES	NO	YES	NO	YES	NO	Covered all 8?	
		Delivery Mechanism Goal Met	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	YES	
		# of Public Participation Events (Add Gold lines)												
		Minimum of 2 Public Involvement Events/Year	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO		

Outreach & Education Template developed by Northeast Wisconsin Stormwater Consortiu

2.2 Public Involvement and Participation
1 Volunteer Opportunity Annually - Cleanup
1 Public Input Opportunity Annually - MS4 Annual Report
Additional as topics arise

APPENDIX B

CONSTRUCTION SITE EROSION CONTOL

Erosion Control Site Plan Review Tracking Sheet
City of De Pere
Last Update 2/19/2021

More Forms: X:\ComputerResources\Forms\WDNR

					January		February		Ma
Street	Address	Description	Review Status	Folder Link	Inspected By	Comments	Inspected By	Comments	Inspected By
Heritage	800	Darling Investments - Romo Inc.		\\X:\PropertyInformation\East\800 HERITAGE RD\Engineering		Not started			
American Blvd	2270	Metal Storm		\\X:\PropertyInformation\West\2270 AMERICAN BL\Engineering	JML	Need to landscape			
Innovation	2020	United Health		\\X:\PropertyInformation\WEST\2020 INNOVATION CT\Engineering	JML	Install silt fence around stock pile			
Grant	665	West De Pere High School		\\X:\PropertyInformation\WEST\665 GRANT ST\Engineering	JML	No Comment			
Grant	1218	Krist Oil		\\X:\PropertyInformation\WEST\1218 GRANT ST\Engineering	JML	No Comment			
Superior	428	Irwin Lofts		\\X:\PropertyInformation\East\428 N SUPERIOR ST\Engineering	JML	No Comment/Project on hold			
Heritage	600	Belmark		\\X:\PropertyInformation\East\600 HERITAGE RD\Engineering	JML	No Comment/Project on hold-waiting for 70% vegetation			
Garroman	1765	Garrity's Glen South Apartments		\\X:\PropertyInformation\WEST\1765 GARROMAN DR\Engineering	JML	Repair Silt Fence			
N. Lawrence	261	N. Lawrence Apartments		\\X:\PropertyInformation\WEST\261 N LAWRENCE DR\Engineering	JML	No Comment			
S. Michigan	220	St. Francis Xavier		\\X:\PropertyInformation\East\220 S MICHIGAN ST\Engineering	JML	No Comment/Project Work on hold			
American Blvd	2249	Infinity Machine		\\X:\PropertyInformation\WEST\2249 AMERICAN BL\Engineering	JML	No Comment/Project on hold-waiting for 70% vegetation			
Ninth St	901	West De Pere Middle School		\\X:\PropertyInformation\WEST\901 S NINTH ST\Engineering	JML	Sweep road-tracking			
Southbridge	1855	Southbridge Condos		\\X:\PropertyInformation\WEST\1855 -1857 SOUTHBRIDGE RD\Engineering	JML	No Comment			
American Blvd	2140	Tailwaggers		\\X:\PropertyInformation\WEST\2140 AMERICAN BL\Engineering	JML	Repair Silt Fence			
Grant St	730	VFW Park		\\X:\PropertyInformation\WEST\730 GRANT ST\Engineering	JML	No Comment			
Commerce Dr	1881	Kay Distributing		\\X:\PropertyInformation\East\1881 COMMERCE DR\Engineering	JML	No Comment			

APPENDIX C

SITE PLAN REVIEW CHECKLIST

DE PERE

Project:
Location:
Prepared By: Date:
Checked By: Date:

Site Plan Review Checklist

Y	N	N/A	Review Item	Completed By:	Checked By:
Site Information					
			Existing zoning - (Planning)		
			Existing setbacks - (Planning)		
			Existing easements - (Planning)		
			Connection fees - (Inspection)		
			Site plan review fees - (Planning)		
			Landscape Plans - (Planning and Parks)		
			Off Street Parking -Section 14-55 and 14-56 - Number of stalls (Planning)		
			Is the plan part of a PPD? If so, BOPW approval is required for storm drainage, sanitary sewerage disposal, and water system plans. (Engineering)		
Design Standard Objectives - Section 14-60(2) (All Departments)					
			Provide for safe efficient vehicular and pedstrian circulation.(a)		
			Provide for screening, landscaping, signage, and lighting.(b)		
			Ensure effiecient, safe, and attractive land development.(c)		
			Develop proper safeguards to minimize the impact on the environment.(e)		
			Ensure the provision of adequate water supply, drainage and storm water management, sanitary facilities, and other utilities and		
			Encourage modern and innnovative design, construction, technology, and planning methods.(g)		
			Advance and promote sound growth and continued development within the City.(h)		

DE PERE

Project:
Location:
Prepared By: Date:
Checked By: Date:

Site Plan Review Checklist

Y	N	N/A	Review Item	Completed By:	Checked By:
Plan Submittal Requirements - Section 14-60(9)2)					
			Name of project/development (Engineering)		
			Location of project development by street address (Engineering)		
			Name and mailing address of developer/owner (Engineering)		
			Name and mailing address of engineer/architect (Engineering)		
			North point indicator (Engineering)		
			Scale (Engineering)		
			Boundary lines of property with dimensions (Engineering)		
			Location of open space (Planning)		
			Site statistics, including: (Planning and Inspection)		
			- Site square footage		
			- Percent site coverage		
			- Percent open space		
			- Floor area ration		
			Location and dimensions of proposed outdoor display areas - Ken		
			Architectural rendering of the proposed structures and buildings including:		
			- All dimensions (Planning)		
			- Gross square footage of existing and proposed buildings and structures (Planning)		
			- Description of all exterior finish materials (Planning)		
			Erosion control plans (Engineering)		
			Inlet protection Type D only. (Engineering)		
			Staging plans (Planning and Engineering)		

Project:	
Location:	
Prepared By:	Date:
Checked By:	Date:

Site Plan Review Checklist

Y	N	N/A	Review Item	Completed By:	Checked By:
Plan Submittal Requirements - Locate, Identify, and Dimension Existing and Proposed - Section 14-60(9)2)h) (Engineering)					
			Topographic contours (two foot contour minimum)		
			Adjacent streets and rights-of-way		
			On site streets and rights-of-way		
			Utilities and Utility Easements:		
			- Electric		
			- Natural Gas		
			- Telephone		
			- Water		
			- Sewer (sanitary and storm)		
			- Fiber optic lines		
			- Other transmision lines		
			All buildings and structures		
			Parking facilities		
			Water bodies and wetlands		
			Surface water holding ponds, drainage ditches, and drainage patterns		
			Sidewalks, walkways, and driveways		
			Off street loading areas and docks		
			Fences and retaining walls		
			All exterior signs		
			Exterior refuse collection areas		
			Exterior lighting		
			Traffic flow on and off site		

DE PERE

Project:
Location:
Prepared By: Date:
Checked By: Date:

Site Plan Review Checklist

Y	N	N/A	Review Item	Completed By:	Checked By:
Landscaping - Section 14-60(10) (Planning and Parks)					
			Location and dimension of proposed open space areas		
			Identification of all proposed vegetation:		
			- Symbols, quantities, common names, and size of all plant materials and whether plant is balled burlapped, potted, or bare root		
			- Showing all species to scale of mature crown daimeter or spread		
			All existing vegetation to be saved		
			Typical sections of berms, fences, retaining walls, planter boxes, ets.		
			Ground cover - Front yard and 1/3 of side yard to be sod-14-60(10)(d)1)		
			Minimum size of plantings:		
			- Deciduous trees 1/5" diameter as measured 6" above the ground		
			- Coniferous trees 6' in height		
			- At least 20% of the required number of trees shall be hardwood deciduous trees		
			- Evergreen shrubs used for screening purposes shall be a minimum of 24" in height		
			Species:		
			- All trees used shall be indigenous to the appropriate hardiness zone and physical characteristics of the site.		
			- All plan material shall conform to "Ameican Standards for Nursery Stock", latest edition.		
			District Requirements - 14-60(10)(e)		
Regulations of Signs - Section 14-60(11)					
			By Building Inspector		

DE PERE	Project:
	Location:
	Prepared By: Date:
	Checked By: Date:

Site Plan Review Checklist

Y	N	N/A	Review Item	Completed By:	Checked By:
Off-Street Parking Requirements - Section 14-60(12) (Engineering and Planning)					
			Parking lot sizes - 14-60(12)(e)		
			Internal circulation between bays is provided		
			Driveway requirements:		
			- Offstreet parking shall have access from driveways, not public streets		
			- Driveway access curb opening on a public street shall not be located less than 40 feet from each other.		
			- Number and location of curb cuts shall be as determined by the building inspector in consultation with the director of public works.		
			Adequate drainage		
			Asphalt or concrete surface		
			Minimum 4" width striping		
			Minimize light reflection into residential areas		
			Minimize sign obstruction that restrict sight lines		
			All offstreet parking shall have a permiter concrete curb and gutter around the entire parking lot unless the site plan shows that runoff from the parking lot will not cause erosion or adversely affect adjacent properties.		
			Parking lot landscaping - 14-60(12)(o)		
			Parking lot screening for externally stored vehicles		
			Number of spaces		
Off-Street Loading Requirements - Section 14-60(13) (Engineering and Planning)					
			May be required for large facilities as approved by the planning commission		
			Location:		
			- Shall be off-street and on the same lot as the facility		
			- Shall not occupy the front yard		
			- If on the site of the building, shall not conflict with pedestrian movements		
			- If on the side of the building, shall not obstruct the view of the public right-of-way from off-street paring access		
			Size is 55 feet long, exclusive of aisle and manuevering space		
			Vertical clearance of 15 feet		
			Asphalt or concrete surface		
			Shall be screened from adjacent uses		
			Verify that no on-street loading zones are being placed.		

DE PERE

Project:
Location:
Prepared By: Date:
Checked By: Date:

Site Plan Review Checklist

Y	N	N/A	Review Item	Completed By:	Checked By:
Sanitary Sewer Information (Engineering)					
			Sanitary sewer available		
			Sanitary sewer has capacity		
			Sanitary sewer location shown		
			Sanitary sewer depth		
			Sanitary sewer connection size		
			Sanitary sewer clean-outs		
			Excavation Permit needed? If cutting in the right-of-way, add to comments		
			Is there a comment to call Engineering Staff prior to lateral connection?		
Water Main Information (Engineering)					
			Water service available		
			Water system flow and pressure adequate		
			Water main location shown		
			Water service size		
			Water meter size (If greater than a 1", one month advance notice required so Water Department can order the meter)		
			Water Service size smaller than 4"? Will need additional testing if larger (i.e. pressure, safe sample). If NO, add to comments		
			Old water services are to be abandoned by disconnecting the service at the corporation and closing the corporation at the main. If the main is PVC, remove the saddle and replace with a solid sleeve coupling.		
			Separate Curb Stop for each building/condominium unit - Verify if a Master Meter is Required.		
Storm Sewer Information (Engineering)					
			Storm sewer service available		
			Storm sewer has capacity		
			Storm sewer location shown		
			Storm sewer depth		
			Storm sewer connection size		
			Storm structures (manholes, inlets)		
			Excavation Permit needed? If cutting in the right-of-way, add to comments		
			Is there a comment to call Engineering Staff prior to lateral connection?		
			Comment that record drawings / as-builts will need to be provided as well as an Engineer's Certificate of final construction's compliance to the plans.		

DE PERE

Project:
Location:
Prepared By: Date:
Checked By: Date:

Site Plan Review Checklist

Y	N	N/A	Review Item	Completed By:	Checked By:
Stormwater Management Information (Engineering)					
			Best management practices		
			Sites with a cumulative addition of 20,000 square feet or greater of impervious surfaces after the adoption date February 3, 2009, of this chapter are required to satisfy the performance standards - Section 28-7 (c)(2)(c)		
			Evaluate site for Protective Areas - Section 28-7 (c)(4)		
			On-site or regional facility		
Other/Miscellaneous Items (Engineering)					
			Soil boring locations		
Transportation/Access/Driveway (Engineering)					
			Access restrictions		
			Driveway - BOPW approval may be required -Section 22-15(a).		
			Concrete Driveway Apron - Section 22-15(c)(1)		
			Driveway Width - Section14-55(8)(a)1)		
			Driveway Separation - Section 14-55(8)(a)3)		
			Driveway (Number) - Section 14-55(8)(a)4)		
			TIA Required		
			Conform to master plan		
			WisDOT long range plan		

Miscellaneous Comments:

APPENDIX D

STORMWATER OPERATIONS & MAINTENANCE LISTING

City of De Pere - Engineering
925 S. Sixth St. ◊ De Pere, WI 54115 ◊ Ph: 920.339.4061

STORMWATER OPERATION & MAINTENANCE LISTING						No. of Problems Noticed (Inspection Checklist)			
Basin	Name or Location	Type	Date of Last Inspection	Inspector	Ownership	Monitor (M)	Work Needed (WN)	Maintence Deadline	Maintence Completed
AC050B	Westwind Ct	Pond	7/15/2020	AC	Disputed	0	0	N/A	N/A
AC020A	1901 S Ashland Ave	Pond	7/15/2020	AC	Private	0	0	N/A	N/A
AC030A	1629 S Ashland Ave	Pond	7/16/2020	AC	Private	1	0	N/A	N/A
AC090A	1420 Fortune Ave (Harper Co.)	Dry Detention	7/21/2020	AC	Disputed	1	0	N/A	N/A
AC050A	250 S 9th St (Rennes Health)	Pond	7/16/2020	AC	Private	0	0	N/A	N/A
AC050A	900 Main Ave (Unison Credit Union)	Biofilter	7/23/2020	AC	Private	0	0	N/A	N/A
AC050B	765 Lawrence Dr (Pool Works Inc)	Pond	7/23/2020	AC	Private	0	0	N/A	N/A
AC055A	1001 Main Ave (Festival Foods)	Pond	7/20/2020	AC	Private	2	0	N/A	N/A
AC055A	1501 Main Ave (Mid-Valley)	Pond	7/16/2020	AC	Private	0	0	N/A	N/A
AC050A	Elm - Ninth St	Swale/Ravine	7/13/2020	AC	Public	0	0	N/A	N/A
AC060A	505 Lawrence Dr	Pond	7/20/2020	AC	Private	0	0	N/A	N/A
AC060A	505 Lawrence Dr (Creative Signs Co Inc)	Biofilter	-	Inspected as a pond in 2017	Private	-	-	N/A	N/A
AC060A	875 Lawrence Dr (Cummins)	Pond	7/20/2020	AC	Private	0	0	N/A	N/A
AC050A	Suburban - Ninth on Grant St	Swale/Ravine	7/15/2020	Inspected as part of the Westwind Ct. Pond (2017)	Public	N/A	N/A	N/A	N/A
AC090A	1717 Lawrence Dr (Shopko Northwest)	Pond	6/4/2020	AC	Disputed	0	0	N/A	N/A
AC070A	1205 Lawrence Dr (Concrete Contractors)	Pond	7/20/2020	AC	Private	0	0	N/A	N/A
AC070A	1313 Lawrence Dr (Rear Menards/Walmart)	Pond	7/20/2020	AC	Private	0	0	N/A	N/A
AC070A	1400 Block Lawrence Dr (Menards Parking)	Pond	7/20/2020	AC	Private	0	0	N/A	N/A
AC080A	1610-1620 Lawrence Dr (Scheuring)	Pond	7/20/2020	AC	Private	0	0	N/A	N/A
AC090A	1700 Lawrence Dr (Community First Credit Union)	Pond	7/20/2020	AC	Private	0	1	N/A	N/A
AC090A	1717 Lawrence Dr (Shopko Northeast)	Pond	7/20/2020	AC	Private	2	1	N/A	N/A
AC130A	1951 Snowy Owl Ct [Organics Inc]	Pond	7/13/2020	AC	Disputed	0	0	N/A	N/A

AC090A	1801 Lawrence Dr (Independent Printing)	Pond	7/20/2020	AC	Private	1	0	N/A	N/A
AC090A	1869 American Blvd (Graybar)	Pond	7/20/2020	AC	Private	0	0	N/A	N/A
AC090A	1997 American Blvd (Cleaning Systems)	Pond	March/April	JML	Private			N/A	N/A
AC090A	2000 American Blvd. (northeast)	Dry Detention	7/20/2020	AC	Private	0	0	N/A	N/A
AC090A	2000 American Blvd. (southwest)	Pond	7/20/2020	AC	Private	0	0	N/A	N/A
AC090A	2001 Lawrence (Coin Wrap)	Pond	7/20/2020	AC	Private	0	2	N/A	N/A
AC090A	2001 Lawrence (Coin Wrap)	Swale/Ravine	7/20/2020	AC	Private	0	0	N/A	N/A
AC090A	Shopko Southeast (Dry)	Dry Detention	7/20/2020	AC	Private	0	1	N/A	N/A
AC100A	1100 Employers Blvd (Humana)	Pond	7/20/2020	AC	Private	0	0	N/A	N/A
AC100A	1880 Southbridge Rd	Pond	7/20/2020	AC	Private	0	0	N/A	N/A
AC100D	1746-1770 Burgoyne Ct. (Burgoyne Lake Apartments)	Pond	7/20/2020	AC	Private	3	0	N/A	N/A
AC100D	2191 American Blvd (Milwood)	Pond	7/20/2020	AC	Private	0	2	N/A	N/A
AC160A	2221 Innovation Dr (American 3 Fab)	Pond	7/20/2020	AC	Private	0	0	N/A	N/A
ER010A	W. Baraboo Cir.	Swale/Ravine	6/8/2020	AC	Disputed	0	0	N/A	N/A
ER015A	Pecatonica Ct (Charleston Pointe II)	Pond	6/8/2020	AC	Disputed	0	2	N/A	N/A
ER010A	1820-11A Ridgeway Dr (Eau Claire Pl)	Pond	7/20/2020	AC	Public	0	1	N/A	N/A
ER020A	Pecatonica Ct drain	Swale/Ravine	6/30/2020	AC	Disputed	0	0	N/A	N/A
ER030A	1979 Tyler Ln	Pond	7/15/2020	AC	Disputed	1	0	N/A	N/A
ER010A	825 E River Dr + 1901 Ridgeway Dr (Charleston Pointe I)	Pond	7/20/2020	AC	Private	0	0	N/A	N/A
ER040A	Shelley Ln [POTENTIAL]	FUTURE			Disputed				
ER010A	Brule Rd. - Ridgeway Dr. Pond Connection	Swale/Ravine	7/21/2020	AC	Private	0	0	N/A	N/A
ER010A	Pike Ln.	Swale/Ravine	7/21/2020	Inspected with Brule Rd - Ridgeway Dr. Pond	Private	0	0	N/A	N/A
ER040A	1881 Chicago St. (Aurora)	Dry Detention	7/21/2020	AC	Private	0	0	N/A	N/A
ER080A	1950 Enterprise Dr (CA Lawton)	Pond	7/20/2020	AC	Private	0	0	N/A	N/A

ER080B	1900 Enterprise Dr.	Pond	7/20/2020	AC	Private	0	0	N/A	N/A
ER100A	711 Millenium Ct	Biofilter							
AC055A	Exit 163 (Mid-Valley Rd-Hwy 41)	Pond	6/4/2020	AC	Public	1	0	N/A	N/A
FE010B	1040 N Broadway (Abbey Pond, SNC)	Pond	7/21/2020	AC	Private	0	0	N/A	N/A
FE240B	1200-1281 Pershing Rd (Lake Park Estates)	Pond	7/21/2020	AC	Private	3	0	N/A	N/A
FE260A	801 O'Keefe Rd	Dry Detention	7/21/2020	AC	Private	0	0	N/A	N/A
FE260B	1850 Enterprise Dr. (Dry)	Dry Detention	7/21/2020	AC	Private	1	0	N/A	N/A
FE270A	1891 Commerce Dr (Bedford Paper)	Pond	7/21/2020	AC	Private	0	0	N/A	N/A
FW070A	450 College Ave (Joliet Square Apartments)	Swale/Ravine	7/23/2020	AC	Private	0	0	N/A	N/A
FW070A	West De Pere High School (Dry)	Dry Detention	-	-	Private	-	-	N/A	N/A
FW140A	601 Third Avenue	Biofilter	7/23/2020	AC	Private	1	1		
ER130A	Diversity Dr (Susie C Altmayer Elementary)	Pond	6/30/2020	AC	Disputed	0	0	N/A	N/A
FE030A	1011 Broadway St. (West of Fox River Trail)	Pond	7/15/2020	AC	Disputed	0	0	N/A	N/A
FW180A	1300 Lost Dauphin (SNC Baseball, Mel Nicks Field)	Dry Detention	7/23/2020	AC	Private	0	0	N/A	N/A
FW200A	1600 Lost Daupin (SNC Track, Schneider Athletic)	Pond	7/23/2020	AC	Private	0	0	N/A	N/A
FW200B	1745 E Matthew Dr (De Pere Cabinet)	Pond	7/23/2020	AC	Private	0	0	N/A	N/A
FW200C	1251 Scheuring Rd (Front Cadre)	Biofilter	7/23/2020	AC	Private	0	1	N/A	N/A
FW200C	1252 Scheuring Rd (Cadre) East Swale	Swale/Ravine	7/23/2020	AC	Private	0	0	N/A	N/A
FW200C	1255 Scheuring Rd (Behind Cadre)	Pond	7/23/2020	AC	Private	0	0	N/A	N/A
FW200C	1740 E. Matthew Dr. (1751 W. Matthew Dr.)	Swale/Ravine	7/23/2020	AC	Private	0	0	N/A	N/A
AC060A	NW Lawrence - Grant Dry	Dry Detention	7/15/2020	AC	Public	0	0	N/A	N/A

AC060A	SW Lawrence - Grant	Pond	7/15/2020	AC	Public	0	0	N/A	N/A
AC090A	Exit 161 Roundabout (Hwy 41 - Scheuring)	Pond	6/4/2020	AC	Public	0	0	N/A	N/A
AC090A	Lawrence Dr (Integrys Parking-Preserve Entrance)	Pond	6/8/2020	AC	Public	1	0	N/A	N/A
AC090A	Scheuring - American Blvd	Pond	6/8/2020	AC	Public	0	0	N/A	N/A
AC100A	Ashwaubenon Creek (Preserve behind Humana-Hwy 41)	Pond	6/8/2020	AC	Public	2	2	N/A	N/A
FW200D	1997 Venture Ave Drainage Swale	Swale/Ravine	7/15/2020	AC	Private	0	0	N/A	N/A
AC100A	Hemlock Creek (Preserve behind Humana - Hwy 41)	Pond	6/9/2020	AC	Public	2	2	N/A	N/A
AC100A	Humana Swale - Preserve	Swale/Ravine	7/16/2020	AC	Public	0	0	N/A	N/A
AC100B	2077B Lawrence Dr (Honeysuckle)	Pond	6/8/2020	AC	Public	0	0	N/A	N/A
AC100B	Honeysuckle Swale (Rygar Ct.)	Swale/Ravine	-	-	Public	-	-	N/A	N/A
AC100D	American Blvd - Southbridge Rd	Pond	7/13/2020	AC	Public	0	0	N/A	N/A
AC100D	American Blvd Central (Samantha St)	Pond	7/13/2020	AC	Public	0	0	N/A	N/A
AC100D	American Blvd Central 2 (Burgoyne Ct)	Pond	7/13/2020	AC	Public	0	3	N/A	N/A
FE150A	1171 S Atrium Ct	Swale/Ravine	6/30/2020	AC	Disputed	0	0	N/A	N/A
AC100D	Central connecting ditch (American Blvd)	Swale/Ravine	7/13/2020	AC	Public	0	0	N/A	N/A
AC100D	Northern connecting ditch (American Blvd)	Swale/Ravine	7/13/2020	AC	Public	0	0	N/A	N/A
AC100D	Southern connecting ditch (American Blvd)	Swale/Ravine	7/13/2020	AC	Public	0	0	N/A	N/A
AC100E	Adare Ct	Pond	7/13/2020	AC	Public	1	0		
AC100E	American Blvd South (Tullig)	Pond	7/13/2020	AC	Public	2	0	N/A	N/A
AC110A	Payton Ct	Pond	7/13/2020	AC	Public	0	0	N/A	N/A
AC140A	Cross Creek Cir	Pond	6/8/2020	AC	Public	0	0	N/A	N/A

AC140A	Cross Creek Cir	Swale/Ravine	6/8/2020	AC	Public	0	0	N/A	N/A
AC150A	Daytona Speedway (Pocono Ct)	Pond	6/8/2020	AC	Public	0	0	N/A	N/A
AC160A	Southbridge - Innovation (Foth)	Pond	6/8/2020	AC	Public	0	0	N/A	N/A
AC170A	Southwest Park West - Daytona Speedway	Dry Detention	6/8/2020	AC	Public	0	0	N/A	N/A
AC180A	Southwest Park South (Diamond)	Pond	6/8/2020	AC	Public	0	0	N/A	N/A
ER015A	W Rock River Cir	Swale/Ravine	7/13/2020	AC	Public	0	0	N/A	N/A
ER020A	East River Dr - Rock River Ct	Swale/Ravine	6/30/2020	AC	Public	0	0	N/A	N/A
ER020A	East River Trail (Black Earth Dr)	Pond	6/30/2020	AC	Public	0	1	N/A	N/A
ER030A	Brule Rd. - Sullivan Ln.	Swale/Ravine	7/15/2020	AC	Public	0	0	N/A	N/A
ER030A	Desplaine Rd. - East River Dr.	Swale/Ravine	7/15/2020	AC	Public	0	1	N/A	N/A
ER030A	East River Dr. - Black Earth Dr. (East)	Swale/Ravine	7/15/2020	AC	Public	0	0	N/A	N/A
ER030A	Shelley Ln. - Brule Rd.	Swale/Ravine	7/15/2020	AC	Public	0	0	N/A	N/A
ER030A	Shelley Ln. (East)	Swale/Ravine	7/15/2020	AC	Public	0	0	N/A	N/A
ER030A	Sullivan Ln. - Desplaine Rd.	Swale/Ravine	7/15/2020	AC	Public	0	0	N/A	N/A
ER040A	Jim Martin Park	Pond	6/9/2020	AC	Public	0	0	N/A	N/A
ER040A	Jim Martin Park 1st Easement East	Swale/Ravine	6/9/2020	AC	Public	0	0	N/A	N/A
ER050A	Shetland Pl - Saddlebrook Ln (Rotary Park)	Pond	6/9/2020	AC	Public	2	0	N/A	N/A
ER060A	Painthorse Trail	Pond	6/9/2020	AC	Public	0	0	N/A	N/A
ER080A	Ledgeview Swan Rd (Jossart Brothers Co.)	Pond	6/9/2020	AC	Public	0	0	N/A	N/A
ER100A	Millenium Ct	Swale/Ravine	7/13/2020	AC	Public	0	0	N/A	N/A
ER110A	Enterprise Dr (Sit & Stay Pet Resort)	Pond	6/9/2020	AC	Public	0	0	N/A	N/A

ER120A	S. Melcorn Cl	Swale/Ravine	6/9/2020	AC	Public	0	0	N/A	N/A
ER120A	Trailside Ln	Pond	6/9/2020	AC	Public	4	0	N/A	N/A
ER120B	Rockland Rd (North of 2100-2120 S. Broadway St.)	Swale/Ravine	6/30/2020	AC	Public	0	0	N/A	N/A
FE275A	600 Heritage Rd (Belmark-Briarwood)	Pond	7/13/2020	AC	Disputed	1	1	N/A	N/A
FE275A	600 Heritage Rd (Belmark-Briarwood)	Swale/Ravine	7/13/2020	AC	Disputed	0	2	N/A	N/A
FE190A	Optimist Park (17-09)	Pond	6/30/2020	AC	Public	0	0	N/A	N/A
FW280B	500 Fortune Ave (East vertical)	Pond	7/23/2020	AC	Disputed	0	1	N/A	N/A
FE260A	Greenleaf Rd - North of Belmark	Pond	7/13/2020	AC	Public	0	0	N/A	N/A
FE260B	1300 Enterprise Dr (Behind PAi)	Swale/Ravine	7/13/2020	AC	Public	0	0	N/A	N/A
FE260B	Greenleaf Rd - Fox River Trail	Pond	7/13/2020	AC	Public	0	0	N/A	N/A
FE280A	Oak Water Ct	Swale/Ravine	7/13/2020	AC	Public	0	0	N/A	N/A
FE280A	Old Plank Ct	Swale/Ravine	6/30/2020	AC	Public	0	0	N/A	N/A
FE280B	Greenleaf-Rockland Rd	Pond	7/13/2020	AC	Public	0	0	N/A	N/A
FE290A	Commerce Pond (16-09 Pond and Drainage Construction)	Pond	7/13/2020	AC	Public	1	0	N/A	N/A
FW010A	Perkofsky Boat Landing/Brown County Fair Grounds	Pond	7/15/2020	AC	Public	0	0	N/A	N/A
FW200D	1997 Venture Ave (WI Lift Truck Co. - West)	Pond	7/15/2020	AC	Disputed	0	0	N/A	N/A
FW200B	Scheuring Rd - Suburban Dr	Pond	6/1/2020	JML	Public	1	2	N/A	N/A
FW200C	Double Dry Matthew - Suburban Dr	Dry Detention	7/15/2020	AC	Public	0	0	N/A	N/A
FW200E	Terry Ln - Mobile Home Park	Swale/Ravine	7/22/2020	AC	Public	0	2	N/A	N/A
FW280B	500 Fortune Ave (Old Ecofibre)	Swale/Ravine	7/23/2020	AC	Private	2	0	N/A	N/A
FW280A	Fortune - Venture	Pond	7/22/2020	AC	Public	0	0	N/A	N/A
FW280A	Red Maple - Lost Daupin	Swale/Ravine	7/22/2020	AC	Public	1	0	N/A	N/A
FW290A	1414 Builders Ct.	Pond	7/21/2020	AC	Public	0	0	N/A	N/A
FW290B	Glen Meadows Cir (Kiwanis Park)	Pond	No longer exists	?	Public	?	?	N/A	N/A
FW290B	Hopf Ln	Pond	7/15/2020	AC	Public	1	0	N/A	N/A

FW290B	Red Maple (River Trail Ct)	Pond	7/22/2020	AC	Public	1	0	N/A	N/A
FW290C	Dog Park	Pond	7/21/2020	AC	Public	0	0	N/A	N/A
FW290C	Dog Park West Swale	Swale/Ravine	7/15/2020	AC	Public	0	0	N/A	N/A
FW290C	Richco Ct Swale	Swale/Ravine	7/15/2020	AC	Public	0	0	N/A	N/A
FW290C	Richco Ct.	Pond	7/15/2020	AC	Public	0	0	N/A	N/A
FW200D	1997 Venture Ave [WI Lift Truck Co. Warehouse (East)]	Pond	7/15/2020	AC	Disputed	0	0	N/A	N/A
XA100A	2066 Lawrence Dr (St Mark Lutheran - Large SW pond)	Pond	7/23/2020	AC	Private	0	0	N/A	N/A
FW200D	1998 Venture Ave	Pond	7/15/2020	AC	Disputed	0	0	N/A	N/A
XA100A	2066 Lawrence Dr (St Mark Lutheran - Small N pond)	Pond	7/23/2020	AC	Private	0	0	N/A	N/A

APPENDIX E

CHECKLISTS – POND, SWALE, BIOFILTER OPERATION, AND OUTFALL

CITY OF DE PERE

Public Works - Engineering Department

925 S. Sixth Street, De Pere, WI 54115 | 920-339-4061 | www.de-pere.org

POND OPERATION & MAINTENANCE INSPECTION CHECKLIST Inspection of all listed items shall take place at least quarterly (unless noted otherwise) and after rainfall events resulting in 2" of rainfall or more. A copy of this document shall be completed during each inspection. The party responsible for performing inspections and maintenance shall keep all completed checklists and make them available to Municipal, County, and State Officials upon request.	**BASIN ID:** **SITE NAME:** **PERSON INSPECTING:** **INSPECTION DATE AND TIME:** **RAINFALL WITHIN PAST 2-3 DAYS:**

Reason for Inspection (Circle One): Complaint / Storm Event / Scheduled / Other

Ownership (Circle One) Public Private

LEGEND: PROBLEM NOTICED

N/A = Not Applicable **M = Monitor (potential for future problem)**

NP = Not a Problem **WN = Work Needed**

ITEM INSPECTED	PROBLEM NOTICED	COMMENTS
INFLOW ASSESSMENT		
Obstruction: Vegetation/Debris/Sediment		
Erosion/Undercutting		
Displacement of Fabric/ Rip Rap		
Pipe Condition/Exposure		
Other:		
FOREBAY ASSESSMENT		
Sediment/ Debris Accumulation		
Side Slope Erosion		
Invasive Vegetation		
Other:		
VEGETATED SHELF / MAIN TREATMENT AREA ASSESSMENT		
Visible Pollution / Muddiness		
Sediment / Debris Accumulation		
Plants are Dead, Diseased, or Dying		
Bare Soil/Erosive Gullies		
Algae Cover (estimate %)		
Invasive Vegetation (estimate %)		
Other:		

CITY OF DE PERE
Public Works - Engineering Department
925 S. Sixth Street, De Pere, WI 54115 | 920-339-4061 | www.de-pere.org

EMBANKMENT ASSESSMENT		
Erosion and/or Loss of Dam Material		
Shrubs/Trees Present		
Animal Burrows		
Soft Spots or Boggy Areas		
Slides		
Other:		
OUTLET DEVICE ASSESSMENT		
Obstruction: Vegetation/Debris/Sediment		
Erosion/Undercutting		
Joint Failure/ Loss of Joint Material		
Leaking Device		
Other:		
MISCELLANEOUS		
Trash/Debris		
Access		
Vandalism		
Fence Condition (if applicable)		
Fish/ Wildlife Observations		
Signage (if applicable)		
Other		

Attach color digital photographs of the site and structural BMPs including a caption describing each photo.

COMMENTS:

OVERALL CONDITION OF FACILITY:

In accordance with approved design plans? Y / N

Maintenance required as detailed above? Y / N

Dates by which maintenance should be completed: ____/_____/_____

Signature of Person Inspecting: _____

UPDATE MASTERSHEET under x:\Storm\Inspections & Calcs by Basin\Stormwater Inspection Mastersheet

CITY OF DE PERE

Public Works - Engineering Department

925 S. Sixth Street, De Pere, WI 54115 | 920-339-4061 | www.de-pere.org

SWALE OPERATION & MAINTENANCE INSPECTION CHECKLIST Inspection of all listed items shall take place annually (unless noted otherwise) and after rainfall events resulting in 2" of rainfall or more. A copy of this document shall be completed during each inspection. The party responsible for performing inspections and maintenance shall keep all completed checklists and make them available to Municipal, County, and State Officials upon request.	**BASIN ID:** **ADDRESS:** **PERSON INSPECTING:** **INSPECTION DATE AND TIME:** **RAINFALL WITHIN PAST 2-3 DAYS:**

Reason for Inspection (Circle One): complaint / storm event / scheduled / other

Ownership (Circle One): Public Private

N/A – Not Applicable M – Monitor
NP – Not a Problem WN – Work Needed

ITEM INSPECTED	PROBLEM NOTICED	COMMENTS
SIDEWALL CONDITION		
1. Vegetation & ground cover condition		
2. Erosion occurring		
3. Cracking or bulging		
4. Animal burrows or damage		
5. Other		
BOTTOM		
6. Vegetative & ground cover condition		
7. Sediment accumulation on vegetation		
8. Removal of debris and trash needed		
9. Vertical & horizontal alignment per plan		
10. Evidence of edge erosion		
11. Sitting water present (approx. depth)		
12. Other		
INFLOW POINTS		
13. Riprap failures		
14. Evidence of slope erosion		
15. Condition of inflow pipes/endwalls and/or swales		
16. Other		

CITY OF DE PERE

Public Works - Engineering Department

925 S. Sixth Street, De Pere, WI 54115 | 920-339-4061 | www.de-pere.org

OUTFLOW/CONNECTION POINTS		
17. Water backlog		
18. Evidence of slope erosion		
19. Condition of outflow pipes/endwalls and/or swales		
20. Other		
OTHER		
21. Encroachments on facility maintenance easements		
22. Complaints from residents		
23. Any public hazards		
24. Evidence of invasive species		
25. Evidence of snow storage on facility		
26. Evidence of dumping (Grass, leaves, etc.)		

COMMENTS:

OVERALL CONDITION OF FACILITY:

In accordance with approved design plans? Y / N

Maintenance required as detailed above? Y / N

Dates by which maintenance will be completed: ____/_____/_____

Signature of Person Inspecting: _____

CITY OF DE PERE

Public Works - Engineering Department

925 S. Sixth Street, De Pere, WI 54115 | 920-339-4061 | www.de-pere.org

BIOFILTER OPERATION & MAINTENANCE INSPECTION CHECKLIST Inspection of all listed items shall take place at least quarterly (unless noted otherwise) and after rainfall events resulting in 2" of rainfall or more. A copy of this document shall be completed during each inspection. The party responsible for performing inspections and maintenance shall keep all completed checklists and make them available to Municipal, County, and State Officials upon request.	**BASIN ID:** **ADDRESS:** **PERSON INSPECTING:** **INSPECTION DATE AND TIME:** **RAINFALL WITHIN PAST 2-3 DAYS:**

Reason for Inspection (Circle One): complaint / storm event / scheduled / other

Ownership (Circle One): Public Private

ITEM INSPECTED	PROBLEM NOTICED	COMMENTS
EMBANKMENT & EMERGENCY SPILLWAY		
1. Vegetation & ground cover condition		
2. Appropriate plants per site plan/weeds		
3. Adequate freeboard		
4. Erosion occurring		
5. Cracking or bulging		
6. Animal burrows or damage		
7. Seepage or leeks on downstream face		
8. Vertical & Horizontal alignment of top of berm as per plans		
9. Clear of debris and obstructions		
10. Accessible for maintenance		
11. Is the emergency spillway level, note condition		
BOTTOM OF BASIN		
12. Vegetative & ground cover condition		
13. Appropriate plants per site plan		
14. Removal of debris and trash (See Note 1)		
15. Visible pollution or sheen		
16. Evidence of edge erosion		
17. Ponding present over 50% of basin floor 3 days after a rainfall event (See Note 2)		

CITY OF DE PERE

Public Works - Engineering Department

925 S. Sixth Street, De Pere, WI 54115 | 920-339-4061 | www.de-pere.org

INFLOW POINTS		
18. Riprap failures		
19. Condition of endwalls / headwalls		
20. Evidence of slope erosion		
21. Condition of inflow pipes and/or swales		
22. Condition of spreader structure (If applicable)		
OTHER		
23. Encroachments on facility maintenance easements		
24. Complaints from residents		
25. Any public hazards		
26. Evidence of invasive species		
27. Evident of snow storage on facility		

COMMENTS:

OVERALL CONDITION OF FACILITY:

In accordance with approved design plans? Y / N

Maintenance required as detailed above? Y / N

Dates by which maintenance will be completed: ____/_____/_____

Signature of Person Inspecting: _____

CITY OF DE PERE

Public Works - Engineering Department

925 S. Sixth Street, De Pere, WI 54115 | 920-339-4061 | www.de-pere.org

Notes:

1) Trash shall be removed as quickly as possible once it is observed.
2) Restoration Procedures – these include removing the top 2 to 3 inches, chisel plowing and adding topsoil and compost. If deep tilling is used, the basin shall be drained and the soils dried to a depth of 8 inches. If the basin was planted in turf grass and clogging again occurs after these restoration procedures have been used, the owner/operator shall replant with prairie type vegetation using the soil preparation method recommended by the native nursery in the area.
3) Do not use heavy machinery for maintenance as it may cause clogging of the surface of the basin.
4) Do not spread topsoil over surface of the basin as this will decrease the infiltration rate.
5) Keep basin off-line from the storm water system until seed become established. Never allow sediment from disturbed areas of the site to enter the basin.
6) Winter Maintenance – All drawdown devices in the pond shall be opened during winter months to discourage infiltration of runoff water containing high levels of chlorides. If this practice is an enclosed basin, the use of chloride deicers shall be limited in the area draining to the basin to reduce the chance of exceeding the limits of ch. NR 140.

CITY OF DE PERE

Public Works - Engineering Department

925 S. Sixth Street, De Pere, WI 54115 | 920-339-4061 | www.de-pere.org

STORM SEWER OUTFALL INSPECTION CHECKLIST – CITY FACILITIES Inspection of all listed items shall take place annually. This form is to be used when outlets are not inspected for IDDE.	**BASIN ID:**
	SITE NAME:
	PERSON INSPECTING:
	INSPECTION DATE AND TIME:
	RAINFALL WITHIN PAST 2-3 DAYS:

Reason for Inspection (Circle One): complaint / storm event / scheduled / other

N/A = Not Applicable **M = Monitor (potential for future problem)**

NP = Not a Problem **WN = Work Needed**

ITEM	INFORMATION	COMMENTS
GENERAL INFORMATION		
GIS Designation		
Outfall (Major or Minor)		
Endwall Size		
Endwall Material		
OUTFALLS		
Rip Rap failures		
Condition of endwalls		
Evidence of erosion		
Condition of downstream swales		
Trash/debris		
OTHER		
Complaints from residents		
Any public hazards		
Flowing water		
Signage (if applicable)		
Other		

Attach color digital photographs of the site and structural BMPs including a caption describing each photo.

CITY OF DE PERE

Public Works - Engineering Department

925 S. Sixth Street, De Pere, WI 54115 | 920-339-4061 | www.de-pere.org

COMMENTS:

OVERALL CONDITION OF FACILITY:

In accordance with approved design plans? Y / N

Maintenance required as detailed above? Y / N

Dates by which maintenance will be completed: ____/_____/_____

Signature of Person Inspecting: _____

APPENDIX F

STREET DEPARTMENT COLLECTION SERVICES

Department of Public Works - Operations Division
Street Section 5-15 report

Week:	12/14/20 - 12/18/20
Date:	12/21/2020
Compiled by:	Tony Fietzer

PATCHING/INLET/SEWER REPAIRS				SWEEPERS						
POT HOLES	MANHOLES/INLETS	WATER	CULVERTS	MILES	BROOM MILES	DUMPS	ROTATION	% COMPLETE	SPECIALS	ISLANDS
				102	52	8	14			
YEAR TO DATE PATCHING										
1116	72		2	7240	3295	520	14		73	6

MISC JOBS				WINTER SNOW/ICE		SIGN SHOP			
MAILBOX	TERRACES	OUTFALLS	ASSIST OTHER DEPT	FULL PLOW	SPEADING	FABRICATED	INSTALLED	REPAIRED	Traffic Control jobs
						1	5	1	2
MISC YEAR TO DATE JOBS				YEAR TO DATE		SIGN SHOP YEAR TO DATE			
	103	1	8	4	10	267	445	116	10

PAILS OF PAINT	STENCILS	CROSSWALKS	STALLS	LONG LINE GALLONS
125 gallons	39	129	1144	white
ARROWS	HANDICAP	PARKING LOT	STOP BAR	LONG LINE GALLONS
				yellow

SEWERS							
Emergency calls		Pipe Cleaned LF		YTD	Flushing Specials	Hydroexcavating	Catch Basins Cleaned
City		Sanitary	9349	171209	14	2	
Private		Storm		480			
YTD	13				YTD 184	YTD 24	YTD 216

TELEVISING									
# of Locations	11	LF televised		# of Emergency vs. Routine			Facilities Inspected		
YTD	256	Sanitary	472	Emergency			Manhole	2	
		Sanitary YTD	25844	Routine			Inlet	2	
		Storm	202						
		Storm YTD	17357						

GARBAGE/RECYCLING									
Garbage Stops	20,524	Recycling Stops	10,154	Paid/Invoiced Rubbish Stops	1	$40	YTD	23	$1,360
Stops YTD	377,634	Stops YTD	180,434	Paid/Invoiced Brush Stops	3	$130	YTD	26	$1,420
Tonage	309.18	Tonage	107.669	Paid/Invoiced Yardwaste Stops	6	$250	YTD	13	$690
Tonage YTD	5,958.36	Tonage YTD	1917.721	Violation Tags	31	YTD	744		
				Rubbish Site drop off (# of vehicles)	Wed	Sat	YTD	7018	
				Drop-off Site Tonnage			YTD	316.29	

LEAF COLLECTION						
Spring	Weekly Loads	YTD		Fall	Weekly Loads	YTD
2020		45		2020		370

APPENDIX G

SOUTHWEST PARK NUTRIENT MANAGEMENT PROGRAM

DE PERE

RUNS DEEPER

CITY OF DE PERE

NUTRIENT MANAGEMENT PROGRAM

PREPARED BY:

LAKELAND LAWN CARE

LAKELAND LAWN CARE

Prepared for: *SOUTHWEST PARK DE PERE*

Michael Haupt Cell: 920-362-5296 Email: mike@lakelandlawncare.com
Business Address: 1195 Flight Way Dr. De Pere, WI 54115
Billing Address: P.O. 5883 De Pere, WI 54115

M Sq Ft:	440	AREA: SOCCER
Acres:	10.00	

Week	Month	Stock #	Product	ANALYSIS N	P	K	# of Units	Rate/ M	PER 1,000 SQ FT N	P	K	Unit Size	Unit Cost	Total Cost	Application Date & # bags
	MAY		25-0-4 10%AS 10%TC	25	0	4	35.00	3.98	0.99	0.00	0.16	50.00	$15.00	$ 525.00	
			APPLICATION FEE				10.00						$30.00	$ 300.00	
														$ -	
	JUNE		25-0-4 10%AS 10%TC	25	0	4	35.00	3.98	0.99	0.00	0.16	50.00	$15.00	$ 525.00	
			APPLICATION FEE				10.00						$30.00	$ 300.00	
														$ -	
	SEPT		21-0-21 75% STAB N 2%FE	21	0	21	40.00	4.55	0.95	0.00	0.95	50.00	$16.80	$ 672.00	
			APPLICATION FEE				10.00					50.00	$30.00	$ 300.00	
														$ -	
	SEPT		QP-3D HERBICIDE				2.00	1.45				2.50	$76.00	$ 152.00	
			APPLICATION FEE				10.00						$35.00	$ 350.00	
														$ -	
														$ -	
														$ -	
														$ -	
														$ -	
														$ -	
							152		2.94	0.00	1.27			$ 3,124.00	

Prepared By: Michael Haupt

A)
B)
C)
D)
E)
F)
G)
H)
I)
J)
K)
L)

LAKELAND LAWN CARE

Prepared for: *SOUTHWEST PARK DE PERE*

Michael Haupt Cell: 920-362-5296 Email: mike@lakelandlawncare.com
Business Address: 1195 Flight Way Dr. De Pere, WI 54115
Billing Address: P.O. 5883 De Pere, WI 54115

AREA

M Sq Ft:	66	BASEBALL 1
Acres:	1.50	

Week	Month	Stock #	Product	ANALYSIS N	P	K	# of Units	Rate/ M	PER 1,000 SQ FT N	P	K	Unit Size	Unit Cost	Total Cost	Application Date & # bags
	MAY		25-0-4 10%AS 10%TC	25	0	4	5.25	3.98	0.99	0.00	0.16	50.00	$15.00	$ 78.75	
			APPLICATION FEE				1.50						$30.00	$ 45.00	
														$ -	
	JUNE		25-0-4 10%AS 10%TC	25	0	4	5.25	3.98	0.99	0.00	0.16	50.00	$15.00	$ 78.75	
			APPLICATION FEE				1.50						$30.00	$ 45.00	
														$ -	
	SEPT		21-0-21 75% STAB N 2%FE	21	0	21	6.00	4.55	0.95	0.00	0.95	50.00	$16.80	$ 100.80	
			APPLICATION FEE				1.50					50.00	$30.00	$ 45.00	
														$ -	
	SEPT		QP-3D HERBICIDE				0.38	1.45				2.50	$76.00	$ 28.50	
			APPLICATION FEE				1.50						$35.00	$ 52.50	
														$ -	
														$ -	
														$ -	
														$ -	
														$ -	
														$ -	
							23		2.94	0.00	1.27			$ 474.30	

Prepared By: Michael Haupt

A)
B)
C)
D)
E)
F)
G)
H)
I)
J)
K)
L)

LAKELAND LAWN CARE

Prepared for: *SOUTHWEST PARK DE PERE*

Michael Haupt Cell: 920-362-5296 Email: mike@lakelandlawncare.com
Business Address: 1195 Flight Way Dr. De Pere, WI 54115
Billing Address: P.O. 5883 De Pere, WI 54115

AREA

M Sq Ft:	**66**
Acres:	**1.50**

BASEBALL 2

Week	Month	Stock #	Product	ANALYSIS N	P	K	# of Units	Rate/ M	PER 1,000 SQ FT N	P	K	Unit Size	Unit Cost	Total Cost	Application Date & # bags
	MAY		25-0-4 10%AS 10%TC	25	0	4	5.25	3.98	0.99	0.00	0.16	50.00	$15.00	$ 78.75	
			APPLICATION FEE				1.50						$30.00	$ 45.00	
														$ -	
	JUNE		25-0-4 10%AS 10%TC	25	0	4	5.25	3.98	0.99	0.00	0.16	50.00	$15.00	$ 78.75	
			APPLICATION FEE				1.50						$30.00	$ 45.00	
														$ -	
	SEPT		21-0-21 75% STAB N 2%FE	21	0	21	6.00	4.55	0.95	0.00	0.95	50.00	$16.80	$ 100.80	
			APPLICATION FEE				1.50					50.00	$30.00	$ 45.00	
														$ -	
	SEPT		QP-3D HERBICIDE				0.38	1.45				2.50	$76.00	$ 28.50	
			APPLICATION FEE				1.50						$35.00	$ 52.50	
														$ -	
														$ -	
														$ -	
														$ -	
														$ -	
														$ -	
							23		2.94	0.00	1.27			$ 474.30	

Prepared By: Michael Haupt

A)
B)
C)
D)
E)
F)
G)
H)
I)
J)
K)
L)

LAKELAND LAWN CARE

Prepared for: *SOUTHWEST PARK DE PERE*

Michael Haupt Cell: 920-362-5296 Email: mike@lakelandlawncare.com
Business Address: 1195 Flight Way Dr. De Pere, WI 54115
Billing Address: P.O. 5883 De Pere, WI 54115

AREA	
M Sq Ft:	88
Acres:	2.00
GENERAL	

				ANALYSIS					PER 1,000 SQ FT						
Week	Month	Stock #	Product	N	P	K	# of Units	Rate/ M	N	P	K	Unit Size	Unit Cost	Total Cost	Application Date & # bags
	MAY		25-0-4 10%AS 10%TC	25	0	4	7.00	3.98	0.99	0.00	0.16	50.00	$15.00	$ 105.00	
			APPLICATION FEE				2.00						$30.00	$ 60.00	
														$ -	
	JUNE		25-0-4 10%AS 10%TC	25	0	4	7.00	3.98	0.99	0.00	0.16	50.00	$15.00	$ 105.00	
			APPLICATION FEE				2.00						$30.00	$ 60.00	
														$ -	
	SEPT		21-0-21 75% STAB N 2%FE	21	0	21	8.00	4.55	0.95	0.00	0.95	50.00	$16.80	$ 134.40	
			APPLICATION FEE				2.00					50.00	$30.00	$ 60.00	
														$ -	
	SEPT		QP-3D HERBICIDE				0.40	1.45				2.50	$76.00	$ 30.40	
			APPLICATION FEE				2.00						$35.00	$ 70.00	
														$ -	
														$ -	
														$ -	
														$ -	
														$ -	
														$ -	
							30		2.94	0.00	1.27			$ 624.80	

Prepared By: Michael Haupt

A)
B)
C)
D)
E)
F)
G)
H)
I)
J)
K)
L)

LAKELAND LAWN CARE

Prepared for: *SOUTHWEST PARK DE PERE*

Michael Haupt Cell: 920-362-5296 Email: mike@lakelandlawncare.com
Business Address: 1195 Flight Way Dr. De Pere, WI 54115
Billing Address: P.O. 5883 De Pere, WI 54115

M Sq Ft:	264	AREA PRACTICE
Acres:	6.00	

Week	Month	Stock #	Product	ANALYSIS N	P	K	# of Units	Rate/ M	PER 1,000 SQ FT N	P	K	Unit Size	Unit Cost	Total Cost	Application Date & # bags
	MAY		25-0-4 10%AS 10%TC	25	0	4	21.00	3.98	0.99	0.00	0.16	50.00	$15.00	$ 315.00	
			APPLICATION FEE				6.00						$30.00	$ 180.00	
														$ -	
	SEPT		QP-3D HERBICIDE				1.20	1.45				2.50	$76.00	$ 91.20	
			APPLICATION FEE				6.00						$35.00	$ 210.00	
														$ -	
														$ -	
														$ -	
														$ -	
														$ -	
														$ -	
							34		0.99	0.00	0.16			$ 796.20	

Prepared By: Michael Haupt

A)
B)
C)
D)
E)
F)
G)
H)
I)
J)
K)
L)

LAKELAND LAWN CARE

Prepared for: *SOUTHWEST PARK DE PERE*

Michael Haupt Cell: 920-362-5296 Email: mike@lakelandlawncare.com
Business Address: 1195 Flight Way Dr. De Pere, WI 54115
Billing Address: P.O. 5883 De Pere, WI 54115

M Sq Ft:	792	AREA: COMMON
Acres:	18.00	

				ANALYSIS					PER 1,000 SQ FT						
Week	Month	Stock #	Product	N	P	K	# of Units	Rate/ M	N	P	K	Unit Size	Unit Cost	Total Cost	Application Date & # bags
	MAY		25-0-4 10%AS 10%TC	25	0	4	63.00	3.98	0.99	0.00	0.16	50.00	$15.00	$ 945.00	
			APPLICATION FEE				18.00						$30.00	$ 540.00	
														$ -	
	SEPT		QP-3D HERBICIDE				3.60	1.45				2.50	$76.00	$ 273.60	
			APPLICATION FEE				18.00						$35.00	$ 630.00	
														$ -	
														$ -	
														$ -	
														$ -	
														$ -	
														$ -	
							103		0.99	0.00	0.16			$ 2,388.60	

Prepared By: Michael Haupt

A)
B)
C)
D)
E)
F)
G)
H)
I)
J)
K)
L)

Southwest Park
Map printed on 4/13/2020

1:3,600
1 inch = 300 feet*
1 inch = 0.0568 miles*
*original page size: 8.5"x11"
Appropriate format depends on zoomlevel

Parcel ownership key
- Parcel Boundary
- Condominium
- Gap or Overlap

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

"hooks" indicate parcel ownership crosses a line

SC-190-2	Parcel ID Number
2880257	Document Number
0.814 AC	Area of parcel
279.8'	Line Distance
3547	Address

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

Brown County Planning & Land Services

LAWN & GARDEN SOIL RESULTS

AgSource LABORATORIES

Submitted by BN00775
COUNTRY VISIONS COOPERATIVE
W2468 CTY RD E
CHILTON, WI 53014

Submitted for
Lakeland Lawn Care

Laboratory Sample #
BU60699

Date Received
9-Apr-2020

Date Reported
10-Apr-2020

Information Sheet #
748072

SUMMARY REPORT OF ANALYTICAL RESULTS

Sample Number	% Organic Matter	Nitrate N ppm	Phosphorus ppm	Potassium ppm	Magnesium ppm	Calcium ppm	Sulfur ppm	Zinc ppm	Manganese ppm	Copper ppm	Iron ppm	Boron ppm
Soccer	2.4	---	14	69	---	---	---	---	---	---	---	---
Average	2.4	---	14	69	---	---	---	---	---	---	---	---

SUMMARY OF ANALYTICAL RESULTS / CATION EXCHANGE CAPACITY

Sample Number	Soil pH	Buffer Index	Soluble Salts dS/m	Sodium ppm	Bulk Density	ACTUAL % OF TOTAL CEC % K	% Mg	% Ca	% Na	% H	Total CEC
Soccer	7.9	---	0.18	---	0.97	0.0	0.0	0.0	0.0	0.0	---
Average	7.9	---	0.18	---	0.97	0.0	0.0	0.0	0.0	0.0	---

DISCLAIMER: Data and information in this report are intended solely for the individual(s) for whom samples were submitted. Reproduction of this report must be in its entirety. Levels listed are guidelines only. Data was reported based on standard laboratory procedures and deviations.

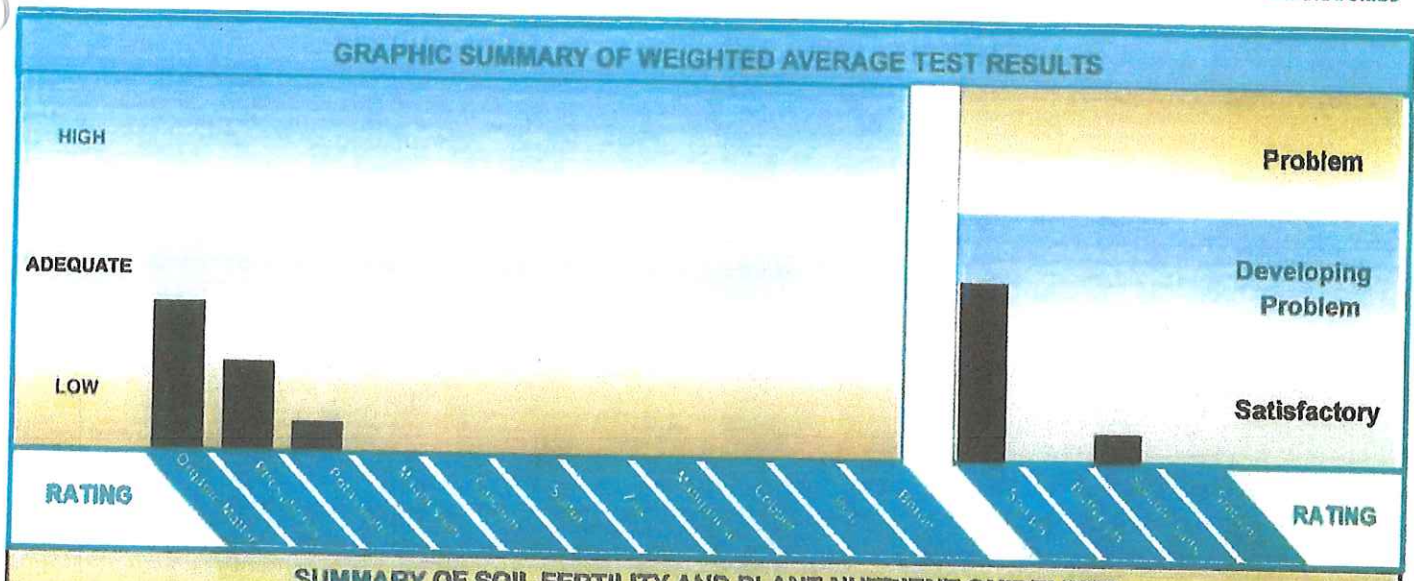
106 North Cecil Street, PO Box 7 • Bonduel, WI 54107 • P: 715.758.2178 • bonduel@agsource.com

LAWN & GARDEN SOIL RESULTS

Date Received: 9-Apr-2020
Date Reported: 10-Apr-2020
Information Sheet #: 748072

AgSource LABORATORIES

GRAPHIC SUMMARY OF WEIGHTED AVERAGE TEST RESULTS



SUMMARY OF SOIL FERTILITY AND PLANT NUTRIENT GUIDELINES

Sample Number	Crop Yield or Turf/Ornamental Code	Lime Lbs/1000ft2	PLANT FOOD NEED IN: Lbs/Acre N	P_2O_5	K_2O	Mg	S	Zn	Mn	Cu	Fe	B
Soccer	Lawn	0	120.0	35.0	105.0							
Average	Lawn	—	120.0	35.0	105.0	—	—	—	—	—	—	—

Helpful Hints

A "0" application rate means that no additional lime or fertilizer is necessary at this time, based on the soil test results.

1 LB/ACRE = 0.02 LBS/1000 FT^2

1 LB/ACRE = 0.002 LBS/100 FT^2

*Note: 1 LB of actual Nitrogen is equal to 2.17 LBS Urea (46-0-0), 6.66 LBS Ammonium Phosphate (18-46-0) or 4.76 LBS Ammonium Sulfate (21-0-0-24S)

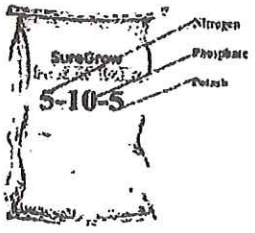
FERTILIZER LABELS & WHAT THEY MEAN

A fertilizer grade or analysis that appears on the bag is the percentages of nitrogen (N), phosphorus (P_2O_5) and potassium (K_2O) in the material. A 5-10-15 grade fertilizer contains 5 percent N, 10 percent P_2O_5 and 15 percent K_2O. A 50 pound bag of 5-10-15 fertilizer contains 2.5 pounds of N (50 x 0.05 = 2.5), 5 pounds of P_2O_5 (50 x 0.10 = 5), and 7.5 pounds of K_2O (50 x 0.15 = 7.5), for a total of 15 pounds of nutrients. The other 35 pounds of material in the bag is filler or carrier.

HOW MUCH PRODUCT TO USE

1. Convert the lbs/acre recommendation to lbs/1000 ft^2 for smaller areas.
2. Multiply the nutrient recommendation times the square footage of your garden, then divide by 1000.
3. Take the value you get from #2 and divide by the percent analysis of the nutrient in the fertilizer you plan to use.

Example:
GARDEN AREA = 500 FT^2
NITROGEN REC = 40 LBS/ACRE
CONVERT TO LBS/1000 FT^2 = 0.8 LBS/1000 FT^2
AMOUNT OF ACTUAL N NEEDED: 0.8 X 500 ÷ 1000 = 0.4 LBS
FERTILIZER YOU MIGHT USE = 21-0-0 (AMMONIUM SULFATE) = 21% NITROGEN



DISCLAIMER: Data and information in this report are intended solely for the individual(s) for whom samples were submitted. Reproduction of this report must be in its entirety. Levels listed are guidelines only. Data was reported based on standard laboratory procedures and deviations.

106 North Cecil Street, PO Box 7 • Bonduel, WI 54107 • P: 715.758.2178 • bonduel@agsource.com

LAWN & GARDEN SOIL RESULTS

AgSource LABORATORIES

Submitted by BN00775
COUNTRY VISIONS COOPERATIVE
W2468 CTY RD E
CHILTON, WI 53014

Submitted for
Lakeland Lawn Care

Laboratory Sample #
BU60700

Date Received
9-Apr-2020

Date Reported
10-Apr-2020

Information Sheet #
748073

SUMMARY REPORT OF ANALYTICAL RESULTS

Sample Number	% Organic Matter	Nitrate N ppm	Phosphorus ppm	Potassium ppm	Magnesium ppm	Calcium ppm	Sulfur ppm	Zinc ppm	Manganese ppm	Copper ppm	Iron ppm	Boron ppm
Baseball 1	2.0	---	11	65	---	---	---	---	---	---	---	---
Average	2.0	---	11	65	---	---	---	---	---	---	---	---

SUMMARY OF ANALYTICAL RESULTS

Sample Number	Soil pH	Buffer Index	Soluble Salts dS/m	Sodium ppm	Bulk Density
Baseball 1	7.8	---	0.15	---	0.99
Average	7.8	---	0.15	---	0.99

CATION EXCHANGE CAPACITY

Sample Number	ACTUAL % OF TOTAL CEC					
	% K	% Mg	% Ca	% Na	% H	Total CEC
Baseball 1	0.0	0.0	0.0	0.0	0.0	---
Average	0.0	0.0	0.0	0.0	0.0	---

DISCLAIMER: Data and information in this report are intended solely for the individual(s) for whom samples were submitted. Reproduction of this report must be in its entirety. Levels listed are guidelines only. Data was reported based on standard laboratory procedures and deviations.

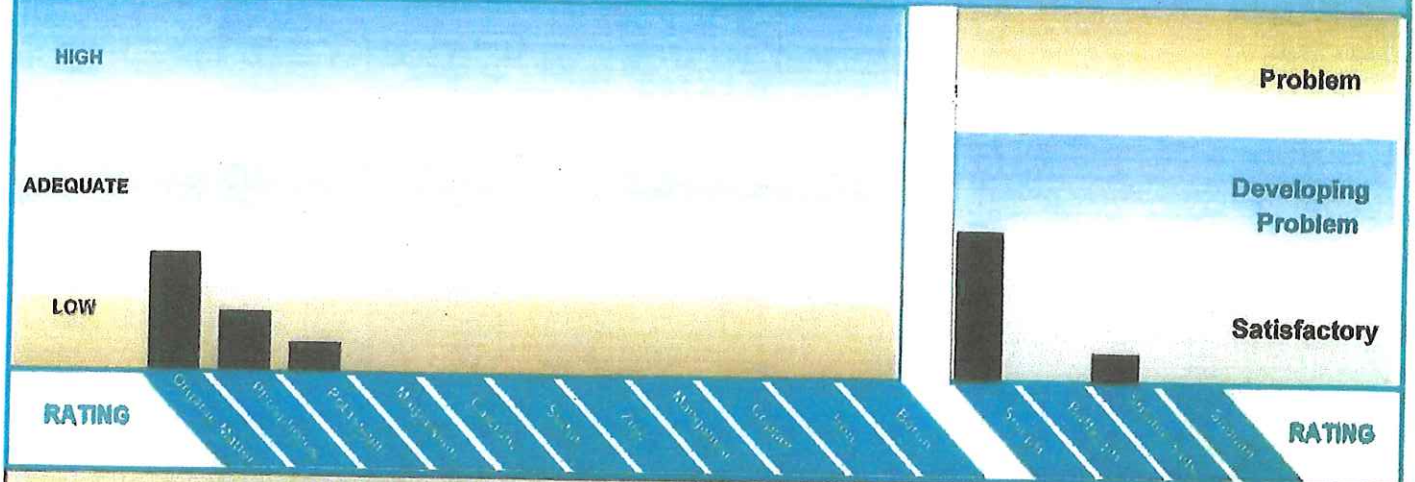
106 North Cecil Street, PO Box 7 • Bonduel, WI 54107 • P: 715.758.2178 • bonduel@agsource.com

LAWN & GARDEN SOIL RESULTS

Date Received: 9-Apr-2020
Date Reported: 10-Apr-2020
Information Sheet #: 748073

AgSource LABORATORIES

GRAPHIC SUMMARY OF WEIGHTED AVERAGE TEST RESULTS



SUMMARY OF SOIL FERTILITY AND PLANT NUTRIENT GUIDELINES

Sample Number	Crop Yield or Turf/Ornamental Code	Lime Lbs/1000ft2	PLANT FOOD NEED IN: Lbs/Acre N	P_2O_5	K_2O	Mg	S	Zn	Mn	Cu	Fe	B
Baseball 1	Lawn	0	140.0	45.0	105.0							
Average	Lawn	—	140.0	45.0	105.0	—	—	—	—	—	—	—

Helpful Hints

A "0" application rate means that no additional lime or fertilizer is necessary at this time, based on the soil test results.

1 LB/ACRE = 0.02 LBS/1000 FT^2
1 LB/ACRE = 0.002 LBS/100 FT^2

*Note: 1 LB of actual Nitrogen is equal to 2.17 LBS Urea (46-0-0), 5.55 LBS Ammonium Phosphate (18-46-0) or 4.76 LBS Ammonium Sulfate (21-0-0-24S)

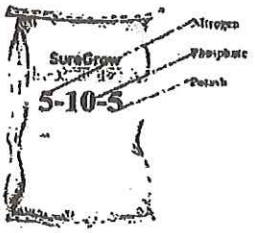
FERTILIZER LABELS & WHAT THEY MEAN

A fertilizer grade or analysis that appears on the bag is the percentages of nitrogen (N), phosphorus (P_2O_5) and potassium (K_2O) in the material. A 6-10-15 grade fertilizer contains 6 percent N, 10 percent P_2O_5 and 15 percent K_2O. A 50 pound bag of 6-10-15 fertilizer contains 2.5 pounds of N (50 x 0.06 = 2.5), 5 pounds of P_2O_5 (50 x 0.10 = 5), and 7.5 pounds of K_2O (50 x 0.15 = 7.5), for a total of 15 pounds of nutrients. The other 35 pounds of material in the bag is filler or carrier.

HOW MUCH PRODUCT TO USE

1. Convert the lbs/acre recommendation to lbs/1000 ft^2 for smaller areas.
2. Multiply the nutrient recommendation times the square footage of your garden, then divide by 1000.
3. Take the value you get from #2 and divide by the percent analysis of the nutrient in the fertilizer you plan to use.

Example:
GARDEN AREA = 500 FT^2
NITROGEN REC = 40 LBS/ACRE
CONVERT TO LBS/1000 FT^2 = 0.8 LBS/1000 FT^2
AMOUNT OF ACTUAL N NEEDED: 0.8 X 500 ÷ 1000 = 0.4 LBS
FERTILIZER YOU MIGHT USE = 21-0-0 (AMMONIUM SULFATE) = 21% NITROGEN



DISCLAIMER: Data and information in this report are intended solely for the individual(s) for whom samples were submitted. Reproduction of this report must be in its entirety. Levels listed are guidelines only. Data was reported based on standard laboratory procedures and deviations.

106 North Cecil Street, PO Box 7 • Bonduel, WI 54107 • P: 715.758.2178 • bonduel@agsource.com

LAWN & GARDEN SOIL RESULTS

AgSource LABORATORIES

Submitted by BN00775
COUNTRY VISIONS COOPERATIVE
W2468 CTY RD E
CHILTON, WI 53014

Submitted for
Lakeland Lawn Care

Laboratory Sample #
BU60701

Date Received
9-Apr-2020

Date Reported
10-Apr-2020

Information Sheet #
748074

SUMMARY REPORT OF ANALYTICAL RESULTS

Sample Number	% Organic Matter	Nitrate N ppm	Phosphorus ppm	Potassium ppm	Magnesium ppm	Calcium ppm	Sulfur ppm	Zinc ppm	Manganese ppm	Copper ppm	Iron ppm	Boron ppm
Baseball 2	3.9	—	50	154	—	—	—	—	—	—	—	—
Average	3.9	—	50	154	—	—	—	—	—	—	—	—

SUMMARY OF ANALYTICAL RESULTS

Sample Number	Soil pH	Buffer Index	Soluble Salts dS/m	Sodium ppm	Bulk Density
Baseball 2	7.7	—	0.18	—	0.86
Average	7.7	—	0.18	—	0.86

CATION EXCHANGE CAPACITY

Sample Number	ACTUAL % OF TOTAL CEC					
	% K	% Mg	% Ca	% Na	% H	Total CEC
Baseball 2	0.0	0.0	0.0	0.0	0.0	—
Average	0.0	0.0	0.0	0.0	0.0	—

DISCLAIMER: Data and information in this report are intended solely for the individual(s) for whom samples were submitted. Reproduction of this report must be in its entirety. Levels listed are guidelines only. Data was reported based on standard laboratory procedures and deviations.

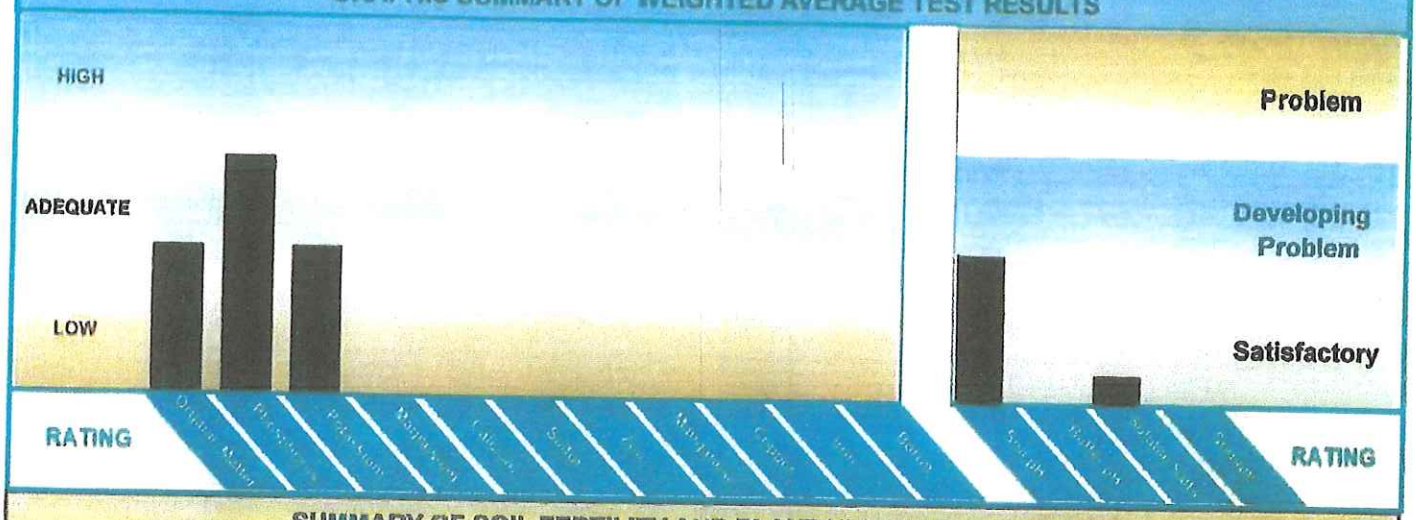
106 North Cecil Street, PO Box 7 • Bonduel, WI 54107 • P: 715.758.2178 • bonduel@agsource.com

LAWN & GARDEN SOIL RESULTS

Date Received: 9-Apr-2020
Date Reported: 10-Apr-2020
Information Sheet #: 748074

AgSource LABORATORIES

GRAPHIC SUMMARY OF WEIGHTED AVERAGE TEST RESULTS



SUMMARY OF SOIL FERTILITY AND PLANT NUTRIENT GUIDELINES

Sample Number	Crop Yield or Turf/Ornamental Code	Lime Lbs/1000ft2	PLANT FOOD NEED IN: Lbs/Acre N	P_2O_5	K_2O	Mg	S	Zn	Mn	Cu	Fe	B
Baseball 2	Lawn	0	120.0	0	30.0							
Average	Lawn	—	120.0	—	30.0	—	—	—	—	—	—	—

Helpful Hints

A "0" application rate means that no additional lime or fertilizer is necessary at this time, based on the soil test results.

1 LB/ACRE = 0.02 LBS/1000 FT^2

1 LB/ACRE = 0.002 LBS/100 FT^2

*Note: 1 LB of actual Nitrogen is equal to 2.17 LBS Urea (46-0-0), 6.65 LBS Ammonium Phosphate (16-46-0) or 4.76 LBS Ammonium Sulfate (21-0-0-24S)

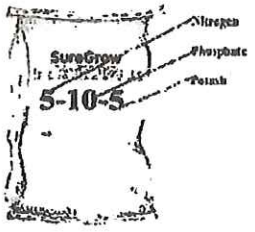
FERTILIZER LABELS & WHAT THEY MEAN

A fertilizer grade or analysis that appears on the bag is the percentages of nitrogen (N), phosphorus (P_2O_5) and potassium (K_2O) in the material. A 5-10-15 grade fertilizer contains 5 percent N, 10 percent P_2O_5 and 15 percent K_2O. A 50 pound bag of 5-10-15 fertilizer contains 2.5 pounds of N (50 x 0.05 = 2.5), 5 pounds of P_2O_5 (50 x 0.10 = 5), and 7.5 pounds of K_2O (50 x 0.15 = 7.6), for a total of 15 pounds of nutrients. The other 35 pounds of material in the bag is filler or carrier.

HOW MUCH PRODUCT TO USE

1. Convert the lbs/acre recommendation to lbs/1000 ft^2 for smaller areas.
2. Multiply the nutrient recommendation times the square footage of your garden, then divide by 1000.
3. Take the value you get from #2 and divide by the percent analysis of the nutrient in the fertilizer you plan to use.

Example:
- GARDEN AREA = 500 FT^2
- NITROGEN REC = 40 LBS/ACRE
- CONVERT TO LBS/1000 FT^2 = 0.8 LBS/1000 FT^2
- AMOUNT OF ACTUAL N NEEDED: 0.8 X 500 ÷ 1000 = 0.4 LBS
- FERTILIZER YOU MIGHT USE = 21-0-0 (AMMONIUM SULFATE) = 21% NITROGEN



DISCLAIMER: Data and information in this report are intended solely for the individual(s) for whom samples were submitted. Reproduction of this report must be in its entirety. Levels listed are guidelines only. Data was reported based on standard laboratory procedures and deviations.

106 North Cecil Street, PO Box 7 • Bonduel, WI 54107 • P: 715.758.2178 • bonduel@agsource.com

LAWN & GARDEN SOIL RESULTS

AgSource LABORATORIES

Submitted by BN00775
COUNTRY VISIONS COOPERATIVE
W2468 CTY RD E
CHILTON, WI 53014

Submitted for
Lakeland Lawn Care

Laboratory Sample #
BU60703

Date Received
9-Apr-2020

Date Reported
10-Apr-2020

Information Sheet #
748076

SUMMARY REPORT OF ANALYTICAL RESULTS

Sample Number	% Organic Matter	Nitrate N ppm	Phosphorus ppm	Potassium ppm	Magnesium ppm	Calcium ppm	Sulfur ppm	Zinc ppm	Manganese ppm	Copper ppm	Iron ppm	Boron ppm
General	2.5	---	22	90	---	---	---	---	---	---	---	---
Average	2.5	---	22	90	---	---	---	---	---	---	---	---

SUMMARY OF ANALYTICAL RESULTS

CATION EXCHANGE CAPACITY

Sample Number	Soil pH	Buffer Index	Soluble Salts dS/m	Sodium ppm	Bulk Density	ACTUAL % OF TOTAL CEC % K	% Mg	% Ca	% Na	% H	Total CEC
General	6.8	---	0.08	---	0.93	0.0	0.0	0.0	0.0	0.0	---
Average	6.8	---	0.08	---	0.93	0.0	0.0	0.0	0.0	0.0	---

DISCLAIMER: Data and information in this report are intended solely for the individual(s) for whom samples were submitted. Reproduction of this report must be in its entirety. Levels listed are guidelines only. Data was reported based on standard laboratory procedures and deviations.

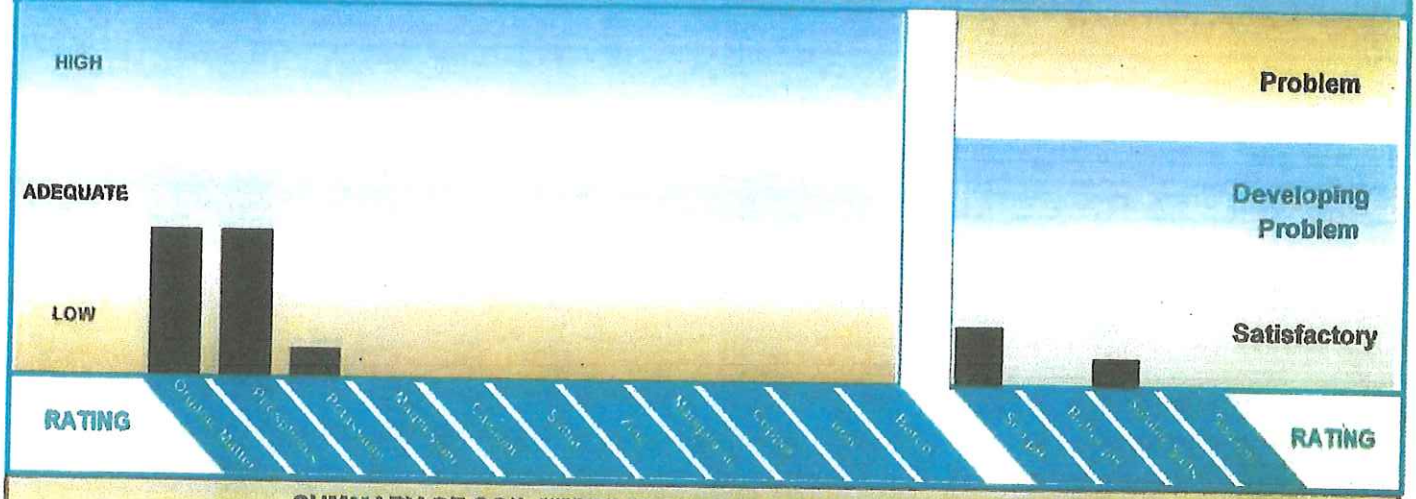
106 North Cecil Street, PO Box 7 • Bonduel, WI 54107 • P: 715.758.2178 • bonduel@agsource.com

LAWN & GARDEN SOIL RESULTS

Date Received: 9-Apr-2020
Date Reported: 10-Apr-2020
Information Sheet #: 748076

AgSource LABORATORIES

GRAPHIC SUMMARY OF WEIGHTED AVERAGE TEST RESULTS



SUMMARY OF SOIL FERTILITY AND PLANT NUTRIENT GUIDELINES

Sample Number	Crop Yield or Turf/Ornamental Code	Lime Lbs/1000ft2	PLANT FOOD NEED IN: Lbs/Acre N	P_2O_5	K_2O	Mg	S	Zn	Mn	Cu	Fe	B
General	Lawn	0	120.0	0	90.0							
Average	Lawn	—	120.0	—	90.0	—	—	—	—	—	—	—

Helpful Hints

A "0" application rate means that no additional lime or fertilizer is necessary at this time, based on the soil test results.

1 LB/ACRE = 0.02 LBS/1000 FT^2

1 LB/ACRE = 0.002 LBS/100 FT^2

*Note: 1 LB of actual Nitrogen is equal to 2.17 LBS Urea (46-0-0), 6.55 LBS Ammonium Phosphate (18-46-0) or 4.76 LBS Ammonium Sulfate (21-0-0-24S)

FERTILIZER LABELS & WHAT THEY MEAN

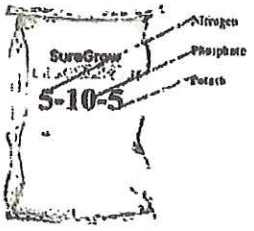
A fertilizer grade or analysis that appears on the bag is the percentages of nitrogen (N), phosphorus (P_2O_5) and potassium (K_2O) in the material. A 5-10-15 grade fertilizer contains 5 percent N, 10 percent P_2O_5 and 15 percent K_2O. A 50 pound bag of 5-10-15 fertilizer contains 2.5 pounds of N (50 x 0.05 = 2.5), 5 pounds of P_2O_5 (50 x 0.10 = 5), and 7.5 pounds of K_2O (50 x 0.15 = 7.5), for a total of 15 pounds of nutrients. The other 35 pounds of material in the bag is filler or carrier.

HOW MUCH PRODUCT TO USE

1. Convert the lbs/acre recommendation to lbs/1000 ft^2 for smaller areas.
2. Multiply the nutrient recommendation times the square footage of your garden, then divide by 1000.
3. Take the value you get from #2 and divide by the percent analysis of the nutrient in the fertilizer you plan to use.

Example:

GARDEN AREA =	500 FT^2
NITROGEN REC =	40 LBS/ACRE
CONVERT TO LBS/1000 FT^2 =	0.8 LBS/1000 FT^2
AMOUNT OF ACTUAL N NEEDED:	0.8 X 500 ÷ 1000 = 0.4 LBS
FERTILIZER YOU MIGHT USE =	21-0-0 (AMMONIUM SULFATE) = 21% NITROGEN



DISCLAIMER: Data and information in this report are intended solely for the individual(s) for whom samples were submitted. Reproduction of this report must be in its entirety. Levels listed are guidelines only. Data was reported based on standard laboratory procedures and deviations.

106 North Cecil Street, PO Box 7 • Bonduel, WI 54107 • P: 715.758.2178 • bonduel@agsource.com

Steve Neil
920-532-9168 ext 21
Cell 920-360-0959

LAWN & GARDEN SOIL RESULTS

AgSource LABORATORIES

Submitted by BN00775
COUNTRY VISIONS COOPERATIVE
W2468 CTY RD E
CHILTON, WI 53014

Submitted for
Lakeland Lawn Care

Laboratory Sample #
BU60702

Date Received
9-Apr-2020

Date Reported
10-Apr-2020

Information Sheet #
748075

SUMMARY REPORT OF ANALYTICAL RESULTS

Sample Number	% Organic Matter	Nitrate N ppm	Phosphorus ppm	Potassium ppm	Magnesium ppm	Calcium ppm	Sulfur ppm	Zinc ppm	Manganese ppm	Copper ppm	Iron ppm	Boron ppm
Practice	3.4	—	86	137	—	—	—	—	—	—	—	—
Average	3.4	—	86	137	—	—	—	—	—	—	—	—

SUMMARY OF ANALYTICAL RESULTS

Sample Number	Soil pH	Buffer Index	Soluble Salts dS/m	Sodium ppm	Bulk Density
Practice	7.5	—	0.17	—	0.95
Average	7.5	—	0.17	—	0.95

CATION EXCHANGE CAPACITY

ACTUAL % OF TOTAL CEC					
% K	% Mg	% Ca	% Na	% H	Total CEC
0.0	0.0	0.0	0.0	0.0	—
0.0	0.0	0.0	0.0	0.0	—

DISCLAIMER: Data and information in this report are intended solely for the individual(s) for whom samples were submitted. Reproduction of this report must be in its entirety. Levels listed are guidelines only. Data was reported based on standard laboratory procedures and deviations.

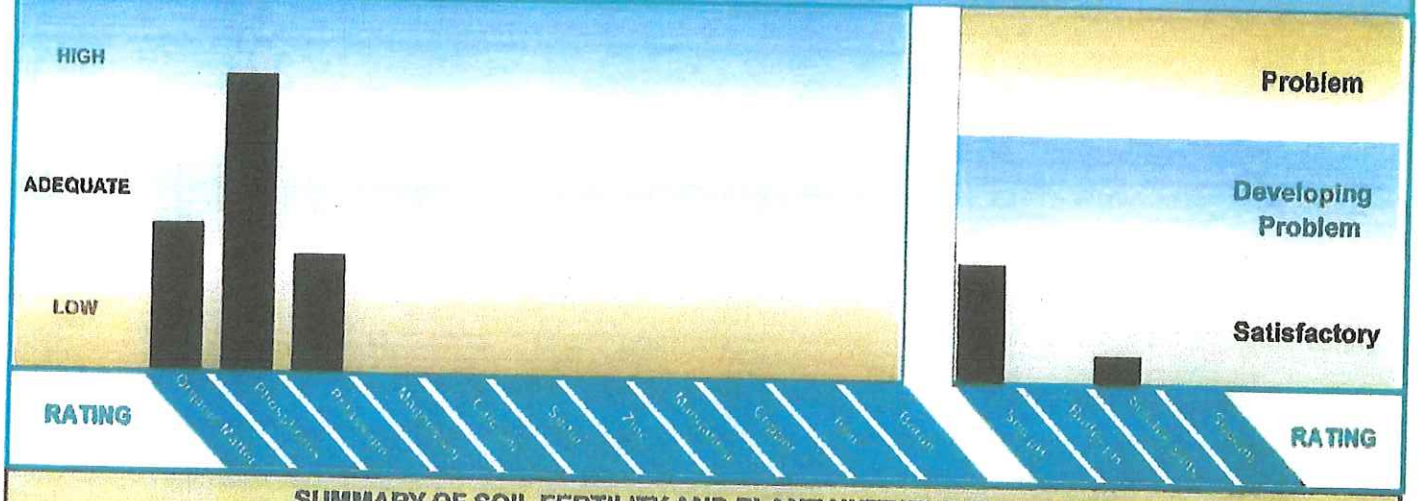
106 North Cecil Street, PO Box 7 • Bonduel, WI 54107 • P: 715.758.2178 • bonduel@agsource.com

LAWN & GARDEN SOIL RESULTS

Date Received: 9-Apr-2020
Date Reported: 10-Apr-2020
Information Sheet #: 748075

AgSource LABORATORIES

GRAPHIC SUMMARY OF WEIGHTED AVERAGE TEST RESULTS



SUMMARY OF SOIL FERTILITY AND PLANT NUTRIENT GUIDELINES

Sample Number	Crop Yield or Turf/Ornamental Code	Lime Lbs/1000ft2	PLANT FOOD NEED IN: Lbs/Acre N	P_2O_5	K_2O	Mg	S	Zn	Mn	Cu	Fe	B
Practice	Lawn	0	120.0	0	45.0							
Average	Lawn	—	120.0	—	45.0	—	—	—	—	—	—	—

Helpful Hints

A "0" application rate means that no additional lime or fertilizer is necessary at this time, based on the soil test results.

1 LB/ACRE = 0.02 LBS/1000 FT^2

1 LB/ACRE = 0.002 LBS/100 FT^2

*Note: 1 LB of actual Nitrogen is equal to 2.17 LBS Urea (46-0-0), 6.65 LBS Ammonium Phosphate (18-46-0) or 4.76 LBS Ammonium Sulfate (21-0-0-24S)

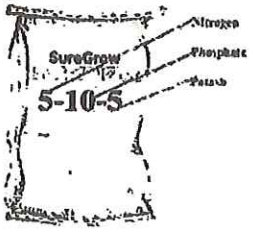
FERTILIZER LABELS & WHAT THEY MEAN

A fertilizer grade or analysis that appears on the bag is the percentages of nitrogen (N), phosphorus (P_2O_5) and potassium (K_2O) in the material. A 5-10-15 grade fertilizer contains 5 percent N, 10 percent P_2O_5 and 15 percent K_2O. A 50 pound bag of 5-10-15 fertilizer contains 2.5 pounds of N (50 x 0.05 = 2.5), 5 pounds of P_2O_5 (50 x 0.10 = 5), and 7.5 pounds of K_2O (50 x 0.15 = 7.5), for a total of 15 pounds of nutrients. The other 35 pounds of material in the bag is filler or carrier.

HOW MUCH PRODUCT TO USE

1. Convert the lbs/acre recommendation to lbs/1000 ft^2 for smaller areas.
2. Multiply the nutrient recommendation times the square footage of your garden, then divide by 1000.
3. Take the value you get from #2 and divide by the percent analysis of the nutrient in the fertilizer you plan to use.

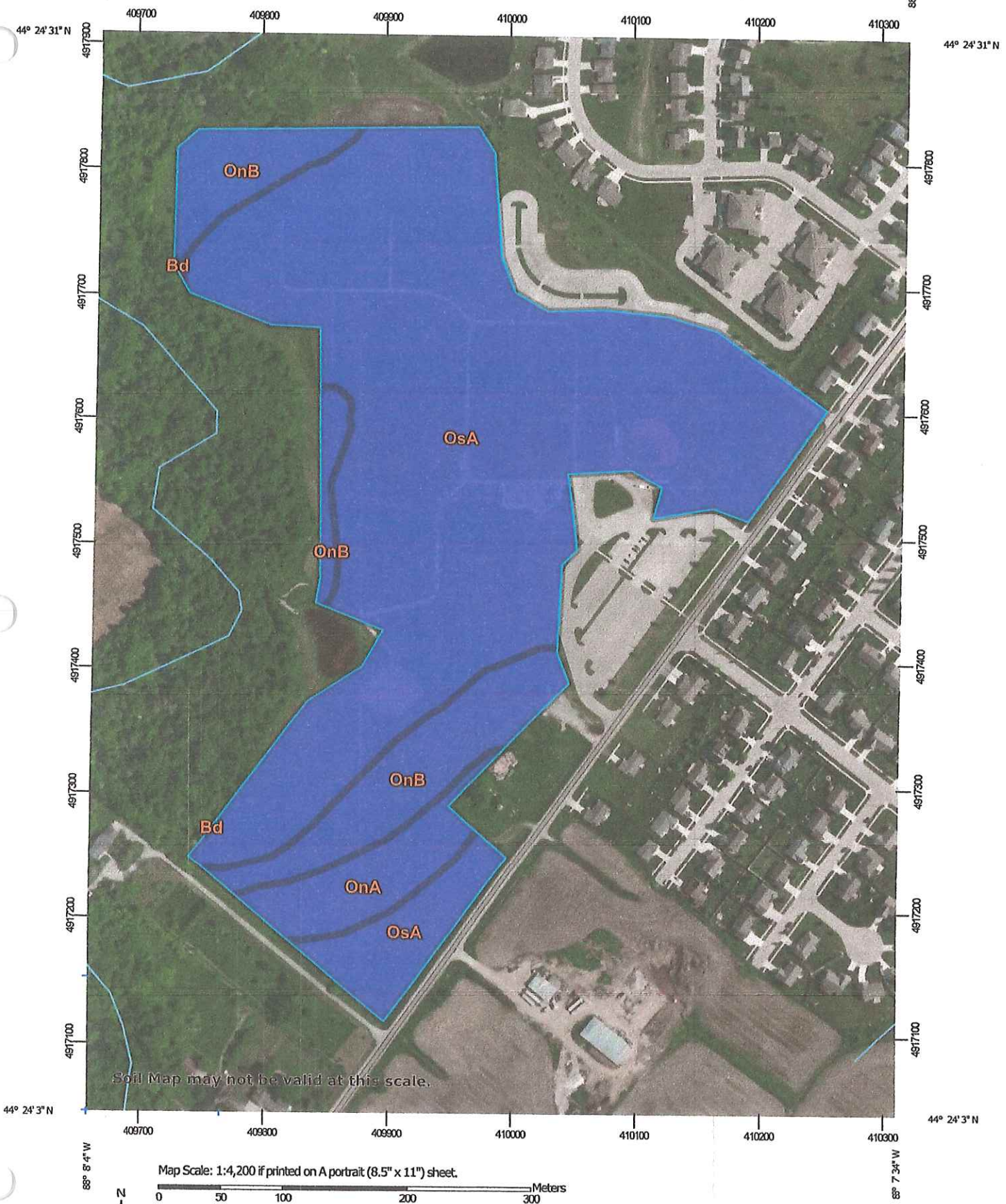
Example:
GARDEN AREA = 500 FT^2
NITROGEN REC = 40 LBS/ACRE
CONVERT TO LBS/1000 FT^2 = 0.8 LBS/1000 FT^2
AMOUNT OF ACTUAL N NEEDED: 0.8 X 500 ÷ 1000 = 0.4 LBS
FERTILIZER YOU MIGHT USE = 21-0-0 (AMMONIUM SULFATE) = 21% NITROGEN



DISCLAIMER: Data and information in this report are intended solely for the individual(s) for whom samples were submitted. Reproduction of this report must be in its entirety. Levels listed are guidelines only. Data was reported based on standard laboratory procedures and deviations.

106 North Cecil Street, PO Box 7 • Bonduel, WI 54107 • P: 715.758.2178 • bonduel@agsource.com

Depth to Water Table—Brown County, Wisconsin
(Depth to Water Table)



Map Scale: 1:4,200 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 50 100 200 300

Feet: 0 200 400 800 1200

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 16N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils

Soil Rating Polygons
- 0 - 25
- 25 - 50
- 50 - 100
- 100 - 150
- 150 - 200
- > 200
- Not rated or not available

Soil Rating Lines
- 0 - 25
- 25 - 50
- 50 - 100
- 100 - 150
- 150 - 200
- > 200
- Not rated or not available

Soil Rating Points
- 0 - 25
- 25 - 50
- 50 - 100
- 100 - 150
- 150 - 200
- > 200
- Not rated or not available

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Brown County, Wisconsin
Survey Area Data: Version 14, Sep 10, 2019

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jun 6, 2019—Jun 7, 2019

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Depth to Water Table

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
Bd	Bellevue silty clay loam, mottled subsoil variant	0	0.0	0.0%
OnA	Oshkosh silt loam, 0 to 2 percent slopes	>200	2.4	5.8%
OnB	Oshkosh silt loam, 2 to 6 percent slopes	>200	6.1	15.0%
OsA	Oshkosh silty clay loam, 0 to 2 percent slopes	>200	32.3	79.2%
Totals for Area of Interest			**40.8**	**100.0%**

Description

"Water table" refers to a saturated zone in the soil. It occurs during specified months. Estimates of the upper limit are based mainly on observations of the water table at selected sites and on evidence of a saturated zone, namely grayish colors (redoximorphic features) in the soil. A saturated zone that lasts for less than a month is not considered a water table.

This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

Rating Options

Units of Measure: centimeters

Aggregation Method: Dominant Component

Component Percent Cutoff: None Specified

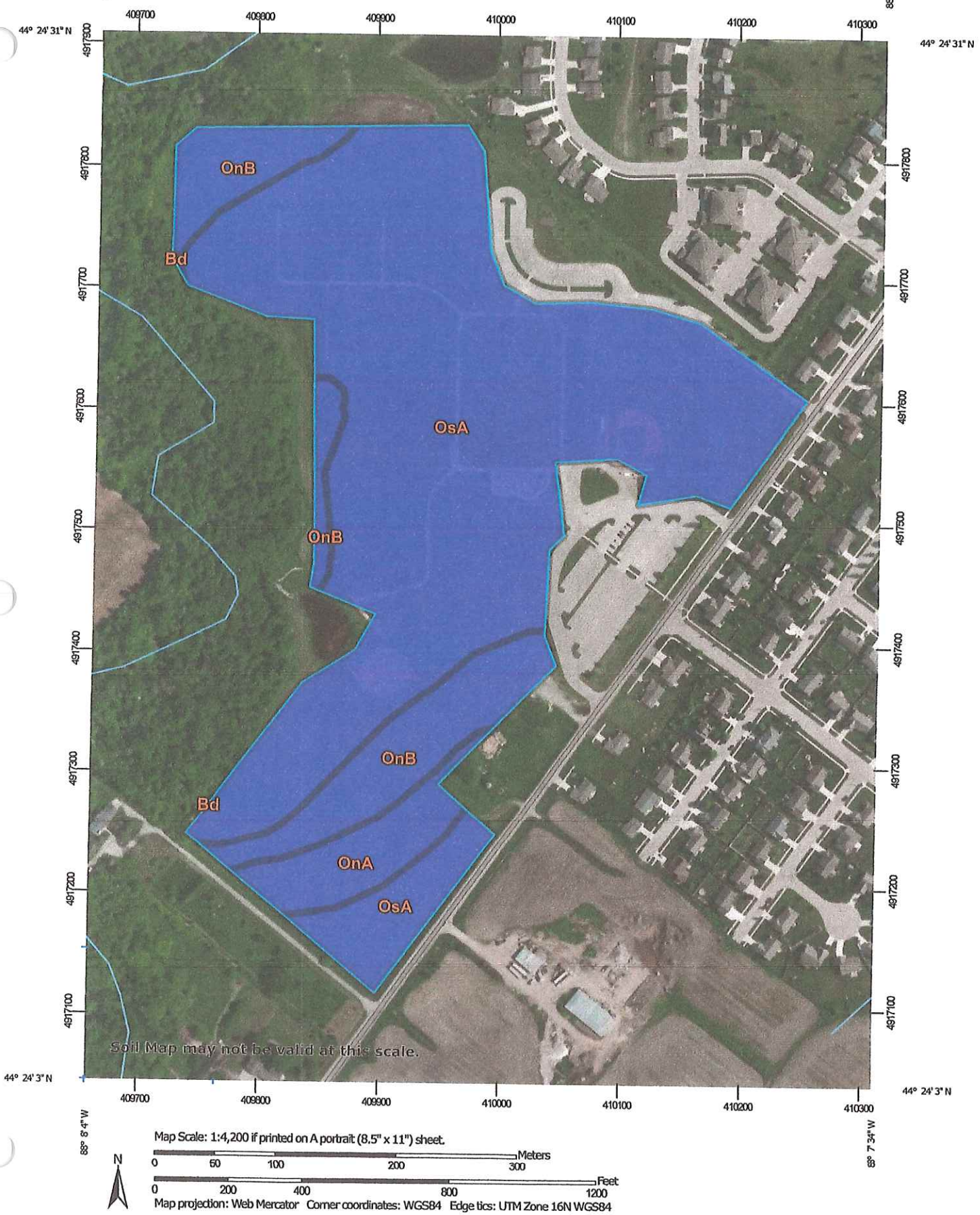
Tie-break Rule: Lower

Interpret Nulls as Zero: No

Beginning Month: January

Ending Month: December

Depth to a Selected Soil Restrictive Layer: Densic material—Brown County, Wisconsin
(Depth to a Selected Soil Restrictive Layer)



Map Scale: 1:4,200 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 50 100 200 300

Feet: 0 200 400 800 1200

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 16N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils

Soil Rating Polygons
- 0 - 25
- 25 - 50
- 50 - 100
- 100 - 150
- 150 - 200
- > 200
- Not rated or not available

Soil Rating Lines
- 0 - 25
- 25 - 50
- 50 - 100
- 100 - 150
- 150 - 200
- > 200
- Not rated or not available

Soil Rating Points
- 0 - 25
- 25 - 50
- 50 - 100
- 100 - 150
- 150 - 200
- > 200
- Not rated or not available

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Brown County, Wisconsin
Survey Area Data: Version 14, Sep 10, 2019

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jun 6, 2019—Jun 7, 2019

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Depth to a Selected Soil Restrictive Layer: Densic material

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
Bd	Bellevue silty clay loam, mottled subsoil variant	>200	0.0	0.0%
OnA	Oshkosh silt loam, 0 to 2 percent slopes	>200	2.4	5.8%
OnB	Oshkosh silt loam, 2 to 6 percent slopes	>200	6.1	15.0%
OsA	Oshkosh silty clay loam, 0 to 2 percent slopes	>200	32.3	79.2%
Totals for Area of Interest			**40.8**	**100.0%**

Description

A "restrictive layer" is a nearly continuous layer that has one or more physical, chemical, or thermal properties that significantly impede the movement of water and air through the soil or that restrict roots or otherwise provide an unfavorable root environment. Examples are bedrock, cemented layers, dense layers, and frozen layers.

This theme presents the depth to the user selected type of restrictive layer as described in for each map unit. If no restrictive layer is described in a map unit, it is represented by the "> 200" depth class.

This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

Rating Options

Units of Measure: centimeters

Restriction Kind: Densic material

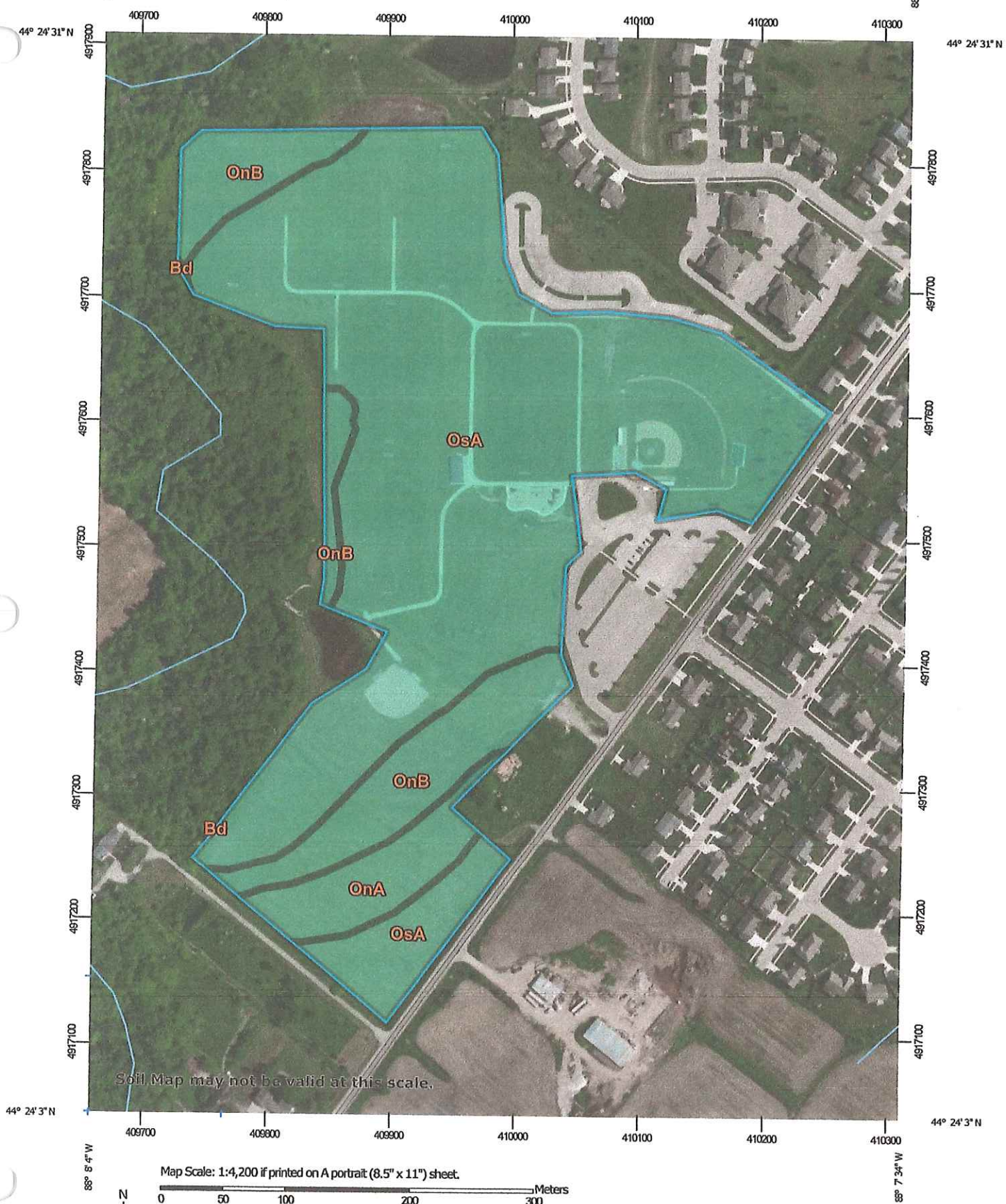
Aggregation Method: Dominant Component

Component Percent Cutoff: None Specified

Tie-break Rule: Lower

Interpret Nulls as Zero: No

Hydrologic Soil Group—Brown County, Wisconsin
(Hydrologic Soil Group)



Map Scale: 1:4,200 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 50 100 200 300

Feet: 0 200 400 800 1200

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 16N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils

Soil Rating Polygons
- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Soil Rating Lines
- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Soil Rating Points
- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Brown County, Wisconsin
Survey Area Data: Version 14, Sep 10, 2019

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jun 6, 2019—Jun 7, 2019

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
Bd	Bellevue silty clay loam, mottled subsoil variant	C/D	0.0	0.0%
OnA	Oshkosh silt loam, 0 to 2 percent slopes	C	2.4	5.8%
OnB	Oshkosh silt loam, 2 to 6 percent slopes	C	6.1	15.0%
OsA	Oshkosh silty clay loam, 0 to 2 percent slopes	C	32.3	79.2%
Totals for Area of Interest			**40.8**	**100.0%**

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

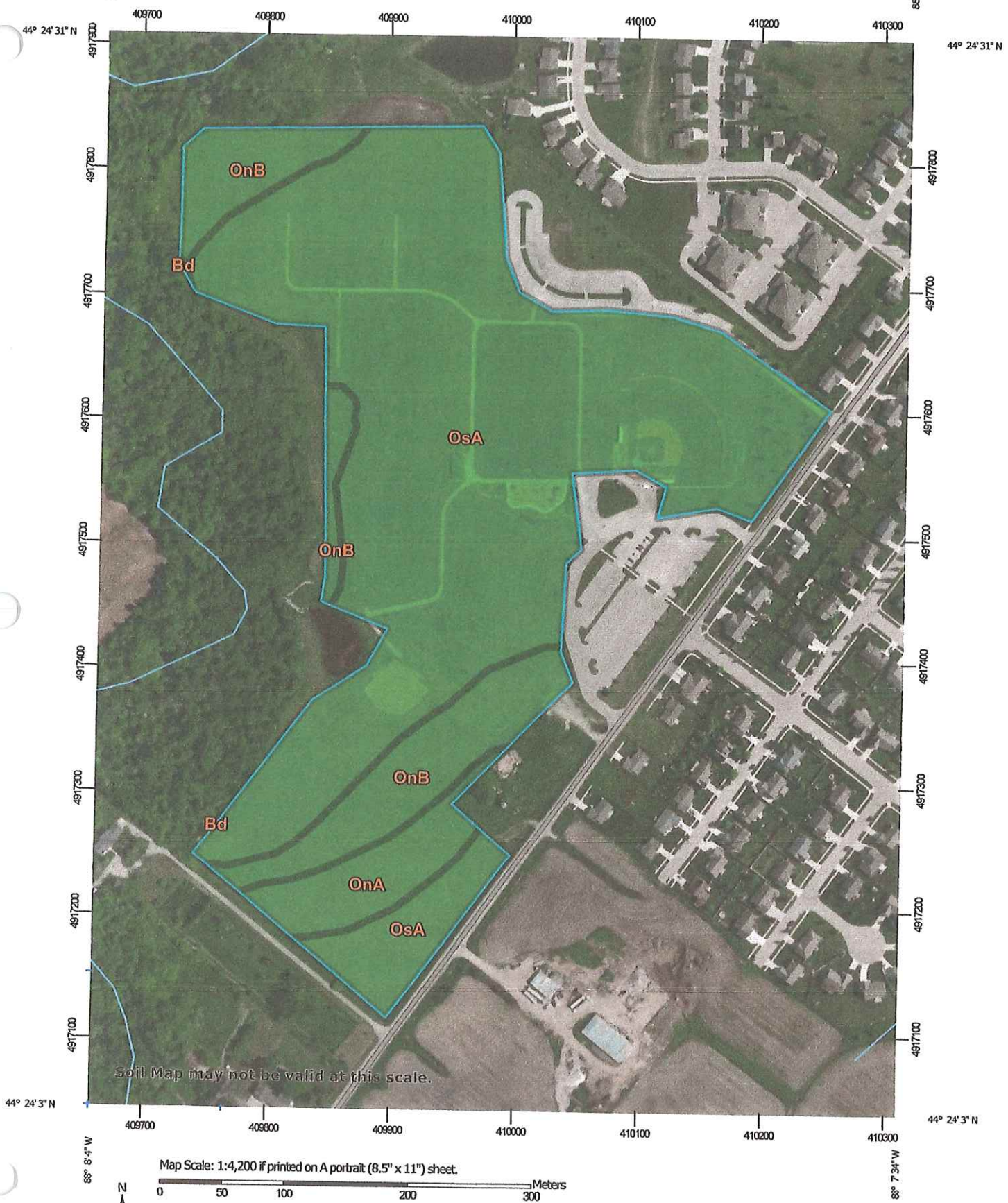
Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Higher

Representative Slope—Brown County, Wisconsin
(Representative Slope)



Map Scale: 1:4,200 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 50 100 200 300

Feet: 0 200 400 800 1200

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 16N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils

Soil Rating Polygons
- 0 - 5
- 5 - 15
- 15 - 45
- 45 - 60
- 60 - 100
- Not rated or not available

Soil Rating Lines
- 0 - 5
- 5 - 15
- 15 - 45
- 45 - 60
- 60 - 100
- Not rated or not available

Soil Rating Points
- 0 - 5
- 5 - 15
- 15 - 45
- 45 - 60
- 60 - 100
- Not rated or not available

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Brown County, Wisconsin
Survey Area Data: Version 14, Sep 10, 2019

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jun 6, 2019—Jun 7, 2019

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Representative Slope

Map unit symbol	Map unit name	Rating (percent)	Acres in AOI	Percent of AOI
Bd	Bellevue silty clay loam, mottled subsoil variant	1.0	0.0	0.0%
OnA	Oshkosh silt loam, 0 to 2 percent slopes	1.0	2.4	5.8%
OnB	Oshkosh silt loam, 2 to 6 percent slopes	4.0	6.1	15.0%
OsA	Oshkosh silty clay loam, 0 to 2 percent slopes	1.0	32.3	79.2%
Totals for Area of Interest			**40.8**	**100.0%**

Description

Slope gradient is the difference in elevation between two points, expressed as a percentage of the distance between those points.

The slope gradient is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

Rating Options

Units of Measure: percent

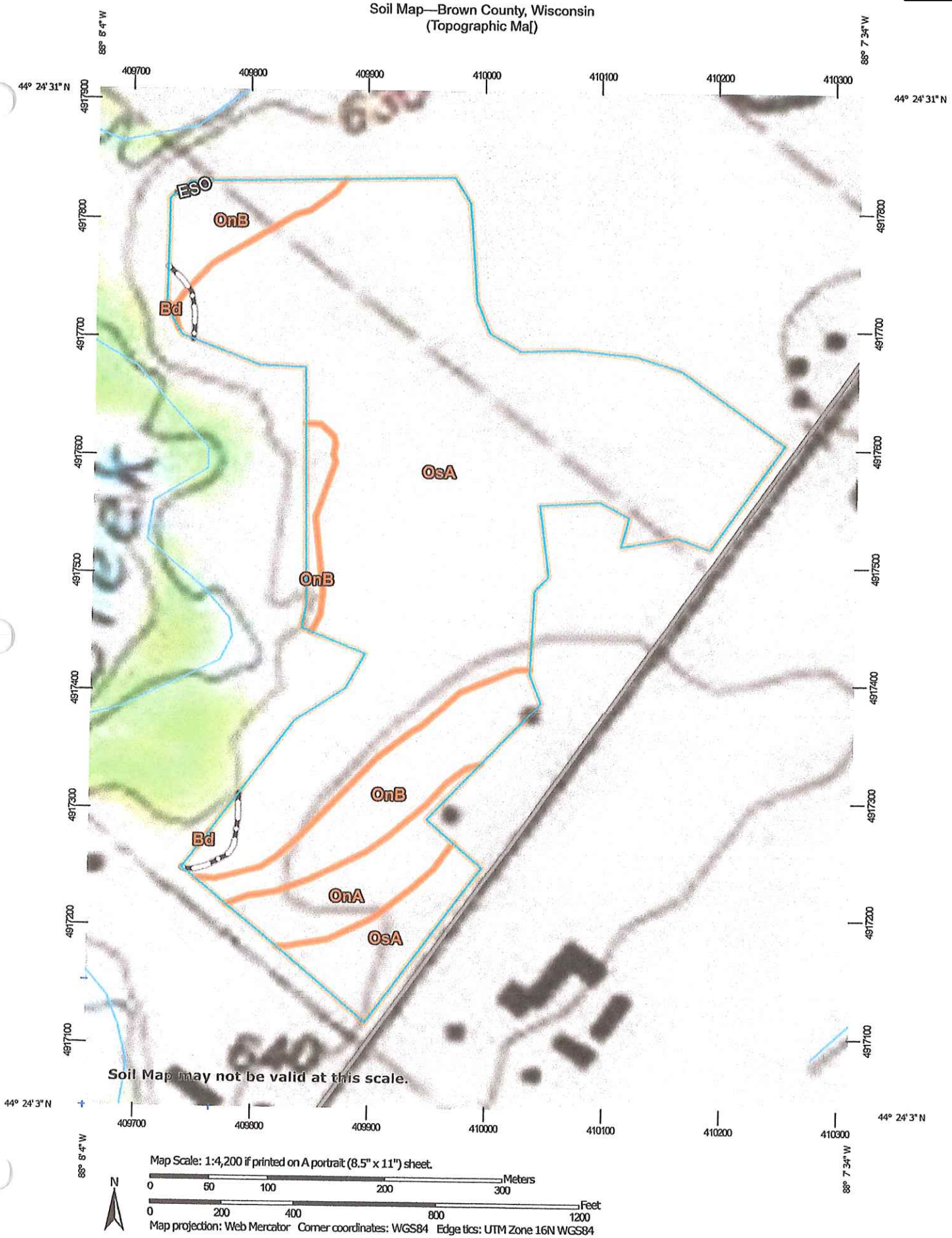
Aggregation Method: Dominant Component

Component Percent Cutoff: None Specified

Tie-break Rule: Higher

Interpret Nulls as Zero: No

Soil Map—Brown County, Wisconsin
(Topographic Ma[)



USDA Natural Resources Conservation Service

Web Soil Survey
National Cooperative Soil Survey

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Topographic Map
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Brown County, Wisconsin
Survey Area Data: Version 14, Sep 10, 2019

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

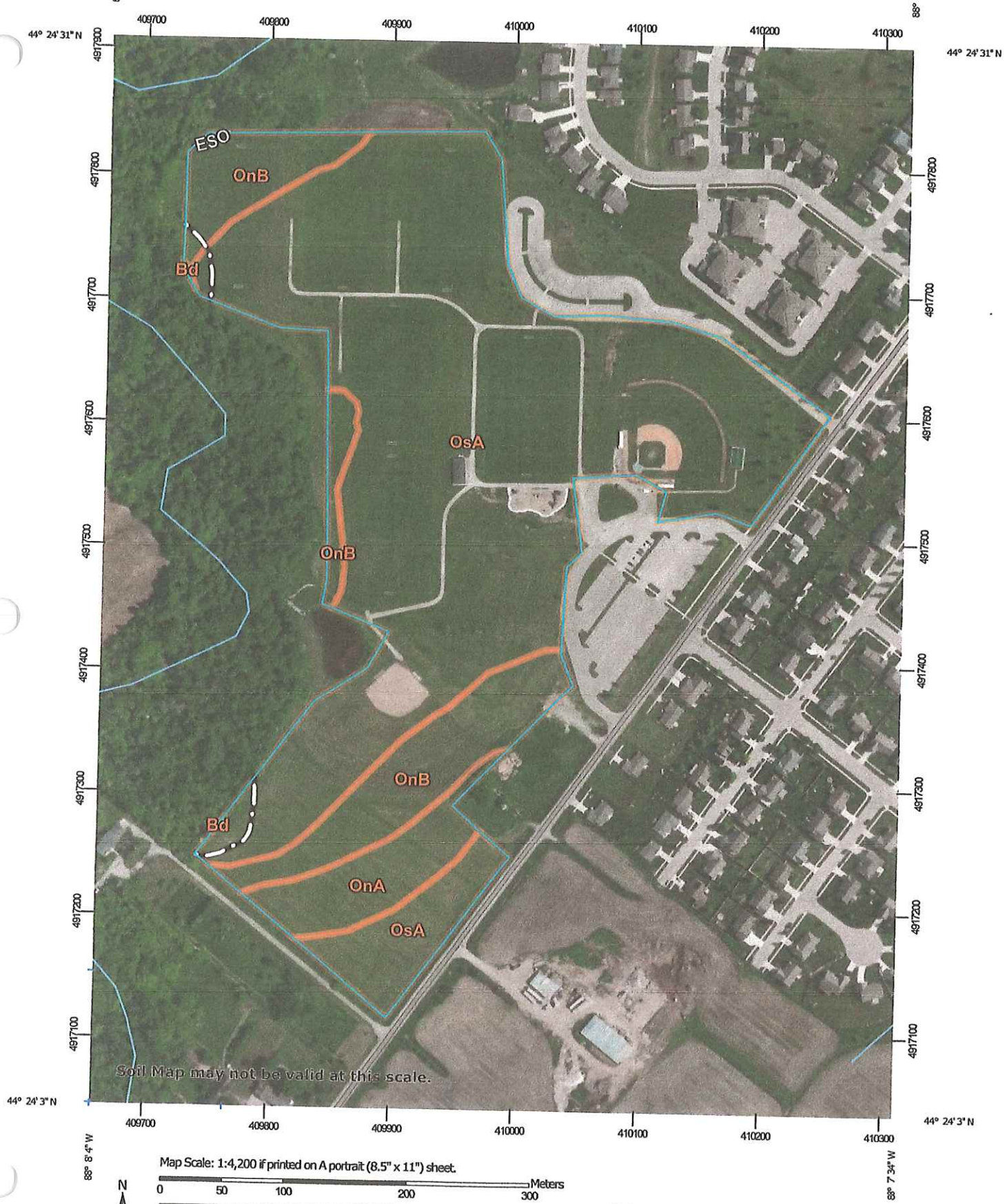
Date(s) aerial images were photographed: Jun 6, 2019—Jun 7, 2019

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Bd	Bellevue silty clay loam, mottled subsoil variant	0.0	0.0%
OnA	Oshkosh silt loam, 0 to 2 percent slopes	2.4	5.8%
OnB	Oshkosh silt loam, 2 to 6 percent slopes	6.1	15.0%
OsA	Oshkosh silty clay loam, 0 to 2 percent slopes	32.3	79.2%
Totals for Area of Interest		**40.8**	**100.0%**

Soil Map—Brown County, Wisconsin
(Southwest Park De Pere)



Map Scale: 1:4,200 if printed on A portrait (8.5" x 11") sheet.

N

0 50 100 200 300 Meters

0 200 400 800 1200 Feet

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 16N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Brown County, Wisconsin
Survey Area Data: Version 14, Sep 10, 2019

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jun 6, 2019—Jun 7, 2019

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Bd	Bellevue silty clay loam, mottled subsoil variant	0.0	0.0%
OnA	Oshkosh silt loam, 0 to 2 percent slopes	2.4	5.8%
OnB	Oshkosh silt loam, 2 to 6 percent slopes	6.1	15.0%
OsA	Oshkosh silty clay loam, 0 to 2 percent slopes	32.3	79.2%
Totals for Area of Interest		**40.8**	**100.0%**

City of De Pere, Wisconsin

Request For Board of Public Works Action

MEETING DATE:	**March 8, 2021**
DEPARTMENT:	**Public Works**
FROM:	**Scott Thoresen**
SUBJECT:	**Discuss Ald. Hansen's Request for Installation of Underground Power in Existing Neighborhoods**

Alderperson Hansen requested staff to look into what it would take to put all overhead electrical power underground in our existing neighborhoods that currently have overhead electric. Staff contacted WPS regarding this request. WPS informed the City they could provide cost estimates but it would take many months to come up with detailed cost estimates to install all overhead electric underground. As previously discussed, the municipality would be responsible for all costs that exceed the typical overhead electrical costs to install underground power. In addition, in existing neighborhoods every home would need their electrical services converted from overhead electric to underground electric and this can be very costly to the home owner especially in older homes. In addition, maintenance for underground electric takes longer for repairs and is harder to locate when there is a power outage. Installation of underground power does not mean you won't have long power outages. Ultimately, WPS prefers overhead power because it is easier to feed customers, easier to fix, and easier on the pocket book of the customers requesting the electrical service.