

AGENDA
GREEN BAY METROPOLITAN SEWERAGE DISTRICT
COMMISSION MEETING

April 24, 2024

Hybrid meeting held both via Zoom Videoconference and in the
Daniel J. Alesch Training Center, 2231 N. Quincy Street

*(If a member of the public or a customer would like to participate in the meeting via Zoom,
please contact NEW Water at 920-432-4893 for access to the videoconference)*

8:30 a.m.

Vision: Protecting our most valuable resource, water

- 1) Safety moment. (T. Sigmund)
- 2) Approval of minutes of Commission meeting held March 27, 2024. (T. Sigmund)
- 3) Adopt Retirement Resolutions for employee: (P. Smits)
 - a. Rick Reetz
[Click Here: Resolution](#)
- 4) Request Commission approval of Relocation Orders to support easement acquisition efforts for the Downtown Interceptor Renewal Project #230003. (L. Sarau)
[Click Here: Memo](#)
[Click Here: Attachment](#)
[Click Here: Attachment](#)
- 5) Sewer plan approvals: (B. Angoli)
[Click Here: Memo](#)
 - a) Town of Lawrence, Project #L0017-09-20-00846, GBMSD Request #2024-12
[Click Here: Map](#)
 - b) Town of Lawrence, Project #L0017-09-23-00254, GBMSD Request #2024-16
[Click Here: Memo](#)
[Click Here: NEW Water Map](#)
 - c) City of Green Bay, Resurfacing 2-24, , GBMSD Request #2024-15
[Click Here: Memo](#)
[Click Here: NEW Water Map](#)
 - d) Village of Howard, Project #24022, GBMSD Request #2024-17
[Click Here: Memo](#)
[Click Here: NEW Water Map](#)
- 6) Convene in closed session under State Statute 19.85(1)(e) for the purpose of deliberating or negotiating the purchase of public properties, the investing of public funds, or conducting other specified public business, whenever competitive or bargaining reasons require a closed session and State Statute 19.85 (1) (g) for the purpose of conferring with legal counsel for the Commission who is rendering oral or written advice concerning strategy to be adopted by the Commission with respect to litigation in which it is

- or is likely to become involved:
- a) Litigation involving Bayview Interceptor.
 - b) Potential litigation resulting from environmental testing by significant industrial user.
 - c) Potential transfer of certain interceptor segments pursuant to Section 5.05 of the Sewer Use Ordinance to a municipality.
- 7) Reconvene in open session.
- 8) Update of projects:
- a) Quarterly Project Update. (N. Qualls)
[Click Here: Report](#)
 - b) DPF Tertiary Filtration and Service Water Improvements Project. (B. Angoli)
[Click Here: Report](#)
 - c) GBF Ferric Chloride Pump Replacement Project. (T. Biese)
[Click Here: Report](#)
 - d) GBF Service Water Replacement Project. (B. Brown)
[Click Here: Report](#)
- 9) Executive Director Search Update. (E. Tietyen)
[Click Here: Memo](#)
- 10) March 2024 Financials. (B. Clausen)
[Click Here: Memo](#)
[Click Here: Income Statement](#)
[Click Here: Income Statement Legends](#)
[Click Here: Statement of Net Position](#)
[Click Here: Statement of Net Position Legends](#)
- 11) March 2024 Operations report. (P. Wescott)
[Click Here: Memo](#)
[Click Here: Effluent Report – Green Bay Facility](#)
[Click Here: Graph of Effluent Report](#)
[Click Here: Effluent Report –De Pere Facility](#)
[Click Here: Graph of Effluent Report](#)
[Click Here: R2E2 Energy Report](#)
[Click Here: R2E2 Energy Graph](#)
- 12) Executive Director's report: (T. Sigmund)
[Click Here: Memo](#)
- a) May Commission Meeting
 - b) NEW Water Tours for WWOA.
 - c) NEW Water Customer Meeting.

GREEN BAY METROPOLITAN SEWERAGE DISTRICT

PROCEEDINGS OF THE COMMISSION

Regular meeting of the Commission held via Zoom videoconference on March 27, 2024.

PRESENT: Commissioners Mainz, Danen and Tumpach.

ABSENT: Commissioners Hasselblad and Blumreich.

ALSO PRESENT: T. Sigmund, P. Wescott, J. Smudde, E. Tietzen, B. Oldenburg, K. Verbeten, P. Smits, G. Ashauer, B. Angoli, B. Oldenburg, C. Mueller, S. Georgel, T. Garrison, S. Thiesen, J. Valenta, R. Bach, J. Becken, E. Houghton, and J. Smies–Legal Counsel.

Commission Vice President Mainz called the meeting to order at 8:29 a.m.

1) **Safety Moment.**

T. Sigmund gave a safety update for Distracted Driving Awareness Month.

2) **Approval of minutes of Commission meeting held February 28, 2024.**

Motion #24-018

It was moved by Tumpach, seconded by Danen, and unanimously agreed to approve the February 28, 2024 meeting minutes as distributed.

3) **Adopt Retirement Resolution for employee, Trisha Brown.**

T. Sigmund highlighted Trisha Brown's career as Human Resources Manager for NEW Water, the brand of the Green Bay Metropolitan Sewerage District. He acknowledged her contributions with navigating the COVID-19 pandemic for staff and her impacts on NEW Water's culture. E. Tietzen thanked Trisha Brown for her 10 years of service and wished her well in the future.

Motion #24-019

It was moved by Danen, seconded by Tumpach, and unanimously agreed to adopt the retirement resolution for Trisha Brown (Resolution #24-004 is on file at the NEW Water offices)

4) **Request Commission approval of De Pere Facility Pumping and Headworks Project contingency increase for project design changes to procure equipment for Clean Water Fund Loan.**

B. Angoli stated in February 2024, the Wisconsin Department of Natural Resources' Clean Water Fund Program (CWFP) notified potential borrowers that the CWFP would not be able to fund all projects in state fiscal year (SFY) 2024. As a result, the De Pere Facility Pumping & Headworks Project in its

GREEN BAY METROPOLITAN SEWERAGE DISTRICT

3/27/24

Cont'd

PROCEEDINGS OF THE COMMISSION

entirety will not be funded in SFY 2024 as originally planned. Staff reviewed multiple alternatives but ultimately concluded that project phasing would be the best alternative to avoid project delays and alternative financing costs. When staff was made aware of the funding issue, they began negotiating an amendment with the consultant for additional project design elements. Staff requested an increase in contingency to incorporate the phasing of this project into the design. Due to time constraints, staff also recommended that the Commission authorize the Executive Director to complete the design agreement amendment negotiations and execute the amendment.

Motion #24-020

It was moved by Tumpach, seconded by Danen, and unanimously agreed to increase the contingency for the De Pere Facility Pump Station and Headworks Project by \$200,000 for a total authorized contingency of \$282,000 to be administered under the authority of the Executive Director and to authorize the Executive Director to conclude negotiations of and execute the design amendment(s) up to the approved contingency amount.

- 5) **Convene in closed session under State Statute 19.85(1)(e) for the purpose of deliberating or negotiating the purchase of public properties, the investing of public funds, or conducting other specified public business, whenever competitive or bargaining reasons require a closed session and State Statute 19.85(1)(g) for the purpose of conferring with legal counsel for the Commission who is rendering oral or written advice concerning strategy to be adopted by the Commission with respect to litigation in which it is or is likely to become involved:**
- a) **Litigation involving Bayview Interceptor.**
 - b) **Potential litigation resulting from environmental testing by significant industrial user.**
 - c) **Potential transfer of certain interceptor segments pursuant to Section 5.05 of the Sewer Use Ordinance to a municipality.**

Motion #24-021

It was moved by Tumpach, seconded by Danen, and unanimously agreed to convene in closed session under State Statute 19.85(1)(e) for the purpose of deliberating or negotiating the purchase of public properties, the investing of public funds, or conducting other specified public business, whenever competitive or bargaining reasons require a closed session and State Statute 19.85(1)(g) for the purpose of conferring with legal counsel for the Commission who is rendering oral or written advice concerning strategy to be adopted by the Commission with respect to litigation in which it is or is likely to become involved.

- 6) **Reconvene in open session.**

Motion #24-022

GREEN BAY METROPOLITAN SEWERAGE DISTRICT

3/27/24

Cont'd

PROCEEDINGS OF THE COMMISSION

It was moved by Tumpach, seconded by Danen, and unanimously agreed to reconvene in open session.

7) Update of Projects:

a) DPF Tertiary Filtration and Service Water Improvements Updates.

B. Angoli stated results from laboratory testing indicated silica may be causing the plugging problem on the filter media. NEW Water is working with the recommended lab on a solution for using chemicals to remove it. Manufacturer, contractor, engineer, and NEW Water continue working towards project closeout while working to resolve the filter media plugging issue.

8) 2023 Adaptive Management Program Update.

E. Houghton provided an update on the Adaptive Management Program as follows:

- Actively farmed Oneida Nation land
- Silver, Dutchman, and Ashwaubenon Creek
- NEW Water's Adaptive Management Compliance Strategy
- NEW Watershed Program Goals
- Core Program Collaborations
- ACDC Water Quality & Biological Monitoring
- Agricultural Conservation Practices
- 2023 Updates: Ashwaubenon & Dutchman Creeks
- Two-Stage Ditches with Harvestable Buffers
- 2023 Updates: Grant Projects
- ACDC Implementations Cost & Reductions
- NEW Water Grant Funding
- Next Steps in NEW Watershed Program

9) 2023 Industrial Pretreatment Program Enforcement Summary.

S. Georgel reported on the industries that were in significant noncompliance for 2023. NEW Water is required to publish all Significant Industrial Users (SIUs) for being in Significant Noncompliance annually.

10) 2023 Industrial Achievement Award.

S. Georgel stated this is the 13th year NEW Water has administered the Industrial Achievement Awards. Out of the 44 eligible SIUs, 20 of them received either gold, silver, or platinum awards depending on the length of time they have met the requirements.

GREEN BAY METROPOLITAN SEWERAGE DISTRICT

3/27/24

Cont'd

PROCEEDINGS OF THE COMMISSION

11) PFAS Monitoring Update.

S. Thieszen provided an update on PFAS Monitoring as follows:

- What are PFAS?
- Regulatory Status
- 2023 Monitoring Plan
- 2023 Green Bay Facility Results
- 2023 De Pere Facility Results
- 2024 Monitoring Goals/Purpose
- 2024 Monitoring Plan
- Next Steps
- Questions

12) Executive Director Update

E. Tietyen stated the Commission was provided with draft materials that highlighted the role of Executive Director for feedback. E. Tietyen also requested feedback on the recommendation of adding a residency requirement of living in the NEW Water service area as a condition for the role.

13) January and February 2024 Financials

C. Mueller reported January and February's operating revenues were unfavorable to budget due to Mill revenue being below budget. Year to date, total operating revenues were unfavorable to budget due to Mill revenue being below budget.

January's operating expenses were favorable to budget due to less expenditures than budget in Maintenance interceptors and Contracted Services. February's operating expenses were favorable to budget due to less expenditures than budgeted in contracted services and solid waste disposal. Year to date, operating expenses were favorable to budget from more less expenditures than budgeted in contracted services.

14) February 2024 Operations Report.

P. Wescott reported both facilities were in full compliance with all effluent limits in the month of February. The Green Bay Facility was in compliance with air quality limits for the month of February.

For the month of February, the solids processing facility generated 1,359 MWH of electricity. Total bio-gas volume recovered was 161,946 CCF. This is just over 90% of the total volume produced. The remaining volume was sent through the waste gas flare. NEW Water received 486,334 gallons of high strength waste in February.

GREEN BAY METROPOLITAN SEWERAGE DISTRICT

3/27/24
Cont'd

PROCEEDINGS OF THE COMMISSION

15) Executive Director's Report:

a) **April Commission Meeting.**

The next meeting will be held April 24, 2024, at 8:30 a.m. via hybrid meeting.

b) **Ethan Wandersee Promoted to Operations Trainer.**

E. Wandersee was promoted from Operator III to Operations Trainer.

c) **2024 NEW Watershed Champion Award & UWGB Symposium.**

NEW Water honored Lynn Terrien with the 2024 NEW Watershed Champion Award at the 2024 annual Watershed Symposium at University of Wisconsin-Green Bay.

d) **NEW Water Policies.**

The Radiation Safety Policy and Safety Shoe and Safety Glasses Policy, which are both Executive Director approved policies, were reviewed and transitioned onto the new policy template and provided to the Commission for review.

There being no further business to come before the Commission, the meeting adjourned at 9:52 a.m.

GREEN BAY METROPOLITAN SEWERAGE DISTRICT

Secretary

Retirement Resolution

WHEREAS, Richard Reetz has steadfastly and devotedly served NEW Water, the brand of the Green Bay Metropolitan Sewerage District, for over 15 years and;

WHEREAS, he has provided exemplary service to NEW Water, having contributed practical and valuable skills, most recently as an Electrical & Instrumentation Technician.

WHEREAS, he retired from NEW Water on April 08, 2024.

NOW, THEREFORE, BE IT RESOLVED that NEW Water recognizes Richard Reetz's faithful service with a commendation and expression of gratitude, and hereby makes this commendation a part of its official record.

Resolution #24-005

Dated: April 24, 2024

Kathryn Hasselblad, Commission President

James Blumreich, Commission Secretary

Memorandum

TO: Commission
Tom Sigmund

FROM: Lisa Sarau

DATE: April 10, 2024

SUBJECT: Relocation Order for the Downtown Interceptor Renewal Project #230003

Background

The NEW Water Interceptor Master Plan completed in 2018 identified condition concerns in the East River Interceptor (ERI), the East Fox River Interceptor (EFR), and the Fox River Crossing (FRC), resulting in a design effort to rehabilitate approximately 13,000 linear feet of existing pipe. Because of the location of these interceptors, this project has been named the Downtown Interceptor Renewal Project.

Current design plans call for negotiating temporary construction easements on 12 parcels with nine property owners.

- Temporary construction easements on two of the parcels are necessary for the construction of the project. NEW Water will be pursuing the two necessary temporary construction easements using a formal acquisition process due to the critical nature of those easements.
- The temporary construction easements on the remaining 10 parcels would be beneficial for temporary conveyance systems, but are not necessary for the success of the project as an alternate route within public right of way is available. These 10 parcels will follow a less formal process due to the lower risk to the project.

An early step in the formal easement acquisition process is the issuing and filing of a Relocation Order, which provides formal notice of NEW Water's intentions to the property owners. After the Relocation Order has been filed, a real estate specialist working with Brown and Caldwell will initiate negotiations. At this time, NEW Water staff is recommending approval of one of the two necessary Relocation Orders with the second being recommended at a subsequent Commission meeting.

Initial communication with the parcel owner regarding the project has occurred.

A copy of the Relocation Order for Parcel 17-1061 is attached for your reference.

Recommendation

NEW Water staff recommends Commission approval of the Relocation Order and subsequent filing in accordance with Wisconsin State Statutes for the Downtown Interceptor Renewal Project.



Commission Action

Request Commission approval of the Relocation Order to support easement acquisition efforts for the Downtown Interceptor Renewal Project #230003.

Attachment:

Relocation Order for Parcel 17-1061

**RELOCATION ORDER OF THE
GREEN BAY METROPOLITAN SEWERAGE DISTRICT**

WHEREAS, the Green Bay Metropolitan Sewerage District (“GBMSD”) as part of the Downtown Interceptors Renewal Project intends to abandon part of the East River Interceptor (the “Sewer”) in the City of Green Bay; and

WHEREAS, the GBMSD will be making improvements to the East River Interceptor prior to abandonment. The Sewer Improvements are on part of Lot 2, Volume 63 of Certified Survey Maps, Page 531 being part of Brown County tax parcel 17-1061 and generally described as beginning at the Northwest corner of said Lot 2 and extend east and southeast approximately 1,200 feet with varying widths to the end of improvement as shown on the Exhibit A Map; and

WHEREAS, GBMSD, in conjunction with its engineer, Brown and Caldwell, has determined the best route and the area of land needed to perform the abandonment improvements is along the route shown on the attached Exhibit A (the “Sewer Route”); and

WHEREAS, the Commission of the GBMSD concurs that the best route and area needed for the improvements of the Sewer is the Sewer Route; and

WHEREAS, to properly establish, lay out, widen, enlarge, extend, construct, reconstruct, improve, maintain or abandon a sanitary sewer over the Sewer Route, it is necessary to relocate or change lands or interest in lands in the Sewer Route.

NOW, THEREFORE, to effect the improvement of the Sewer, GBMSD, by its Commission, hereby orders, pursuant to the authority granted to GBMSD pursuant to ss 32.05, Wis. Stat, as follows:

1. That the Sewer improvements take place within the Sewer Route; and
2. That the required lands or interests in lands as shown on the plat shall be acquired by Green Bay Metropolitan Sewerage District.

Dated this ____ day of _____, 2024.

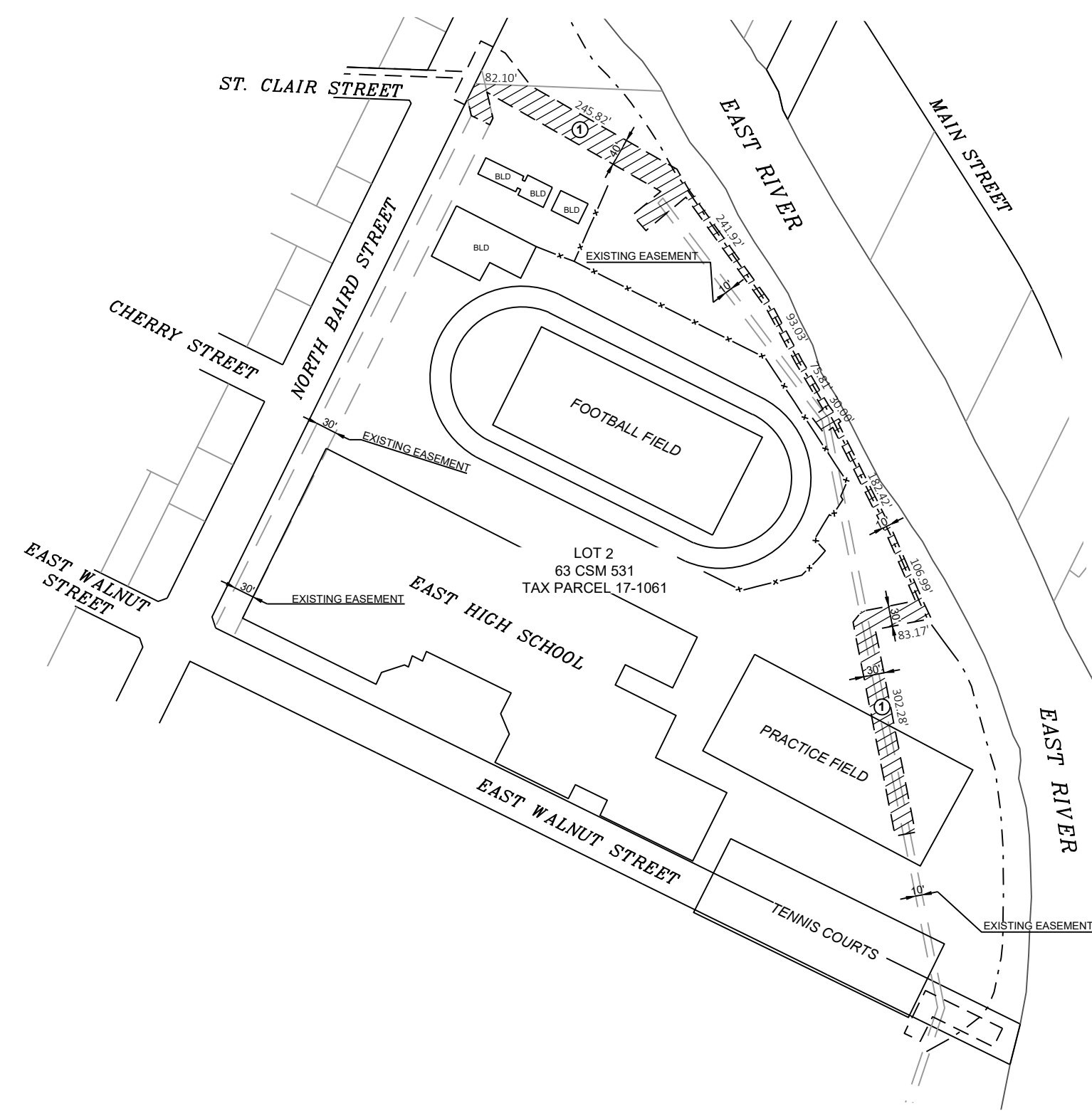
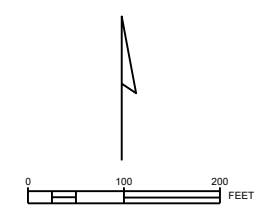
GREEN BAY METROPOLITAN SEWERAGE DISTRICT

By: _____

Its: _____

COUNTERSIGNED:

By: _____



-LEGEND-

- PROPERTY LINE
- FENCE LINE
- PROPOSED EASEMENT LINE
- CORA VANDERPERREN TRAIL (CENTERLINE)
- BLD BUILDING
- PARCEL 1

Property Schedule			
PARCEL NO.	Owner	Property Interest	Acreage
①	Green Bay Area Public School District	Temporary Sewer Construction Easement	0.82
Totals		Sanitary Sewer Easement	0.82

DATA SOURCES:
 PARCEL INFORMATION IS FROM BROWN COUNTY GIS SYSTEMS.
 BASEMAP INFORMATION INCLUDES TAX PARCEL BOUNDARIES,
 ROADWAYS AND WATERWAYS. BUILDING LOCATION FROM AERIAL
 PHOTOGRAPHY.

Exhibit 'A' Map
Proposed Temporary Easement Acquisition
 Green Bay Metropolitan
 Sewerage District
 Green Bay, Wisconsin

PREPARED UNDER THE DIRECTION OF
 BROWN AND CALDWELL
 BY WESTWOOD PROFESSIONAL SERVICES
 One Systems Drive, Appleton, WI 54914

Drawn By: EMK | FILE: PROPERTY_MAP | DATE: 03-13-24

PREPARER REVIEW BY: TVH | DATE: 03-13-24

SHEET REVISIONS			
DESCRIPTION OF REVISIONS	DATE:	FIRM OR AGENCY NAME	DWN BY:

Memorandum

TO: Commission
Tom Sigmund

FROM: William Angoli

DATE: April 9, 2024

SUBJECT: Sewer Plan Approval

Background

The Town of Lawrence, City of Green Bay and Village of Hobart have submitted requests for approval for sanitary sewer plans. Location maps are attached. These requests include the following:

Town of Lawrence Sanitary Sewer Plan Project #L0017 09-20-00846 Torchwood Trail Street Extension; GBMSD Request #2024-12 includes 1,750 feet of 8-inch PVC sanitary sewer in the right-of-way of Torchwood Trail. Flow will be tributary to Ninth Street Interceptor. This sewer extension discharges to a City of De Pere owned sewer and is subject to capacity allocations to the Ninth Street Interceptor between NEW Water, City of De Pere, and Town of Lawrence. NEW Water staff needs to perform capacity review. This approval will be subject to staff review of allocation in receiving sewer.

City of Green Bay – Resurfacing 2-24 North Baird Street; GBMSD Request #2024-15 includes 176 feet of 8-inch PVC sanitary sewer in the right-of-way Baird Street. Flow will be tributary to Quincy Street Interceptor.

Town of Lawrence Sanitary Sewer Plan Project #L0017 09-023-00254 Mid Valley Drive Utility Relocation (Packerland Extension); GBMSD Request #2024-016 includes 876 feet of 8-inch PVC sanitary sewer in the right-of-way of Packerland Drive. Flow will be tributary to Ashwaubenon Creek Interceptor.

Village of Howard Sanitary Sewer Plan Project #24022 Hazel Estates 2nd Addition; GBMSD Request #2024-17 includes 924 feet of 8-inch PVC sanitary sewer in the proposed sewer easement and 718 feet of 8-inch sanitary sewer in the proposed right-of-way of Kathryn Lane and 787 feet of 8-inch PVC sanitary sewer in the proposed right-of-way of Paul Lane. Flow will be tributary to Bayview Interceptor.

Recommendation

Staff recommends Commission approval of the Town of Lawrence, City of Green Bay, and Village of Howard plans for the proposed sewers to serve land located within NEW Water. This approval is subject to favorable approval recommendations from Brown County Planning and final approval by the WDNR, and the Town of Lawrence Torchwood Trail Street Extension, subject to conditional approval for staff review of capacity in the receiving sewer.

Commission Action

Request Commission approval of the Town of Lawrence, City of Green Bay and Village of Howard sewer plans.

Attachment

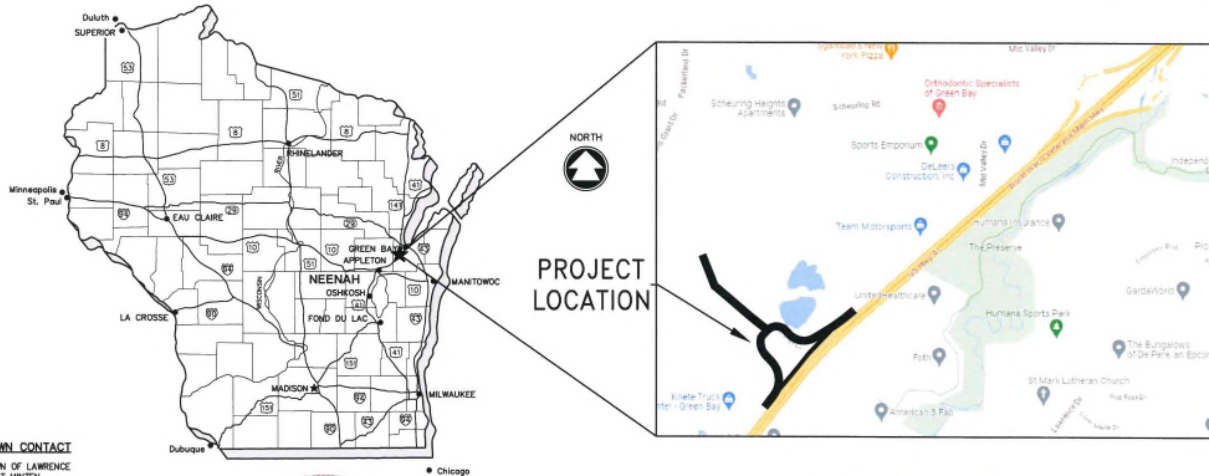
cc: N. Qualls
File

MID VALLEY DRIVE UTILITY RELOCATION TOWN OF LAWRENCE

BROWN COUNTY, WISCONSIN
MCM # L0017 09-23-00254

G. B. M. S. D. PLAN APPROVAL

REQUEST NO. GBMSD #2024-16
PROJECT NO. Town of Lawrence #L0017 09-23-00254
EXAMINED BY R. PRINHART DATE 4/3/24
APPROVED BY G.B.M.S.D. COMMISSION
MOTION NO. _____ DATE _____



PROJECT LOCATION

PAGES 5-12 PREVIOUSLY
APPROVED GBMSD #2024-09

SHEET INDEX

- 1 ABBREVIATIONS, SYMBOLS & NOTES
- 2 SURVEY CONTROL & HORIZONTAL ALIGNMENT DETAIL
- 3 OVERALL SITE PLAN
- 4 REMOVAL & ABANDONMENT PLAN
- 5-11 MID VALLEY DRIVE
- 12-14 PACKERLAND DRIVE
- D1-D4 MISCELLANEOUS DETAILS

CONTACT INFORMATION

WisDOT

NORTHEAST REGION
PROJECT MANAGER- H1 MAJOR PROJECT
KYLE TREML
(920) 360-7029
kyle.trem@dot.wi.gov

TOWN CONTACT

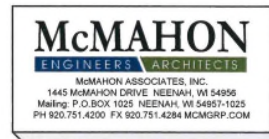
TOWN OF LAWRENCE
KURT MINTEN
2400 SHADY COURT
DE PERE, WI 54115

DESIGN CONTACT

McMAHON
SHARIE KELLNER
1445 McMAHON DRIVE
NEENAH, WI 54956
(920) 751-4200
skellner@mcmgrp.com

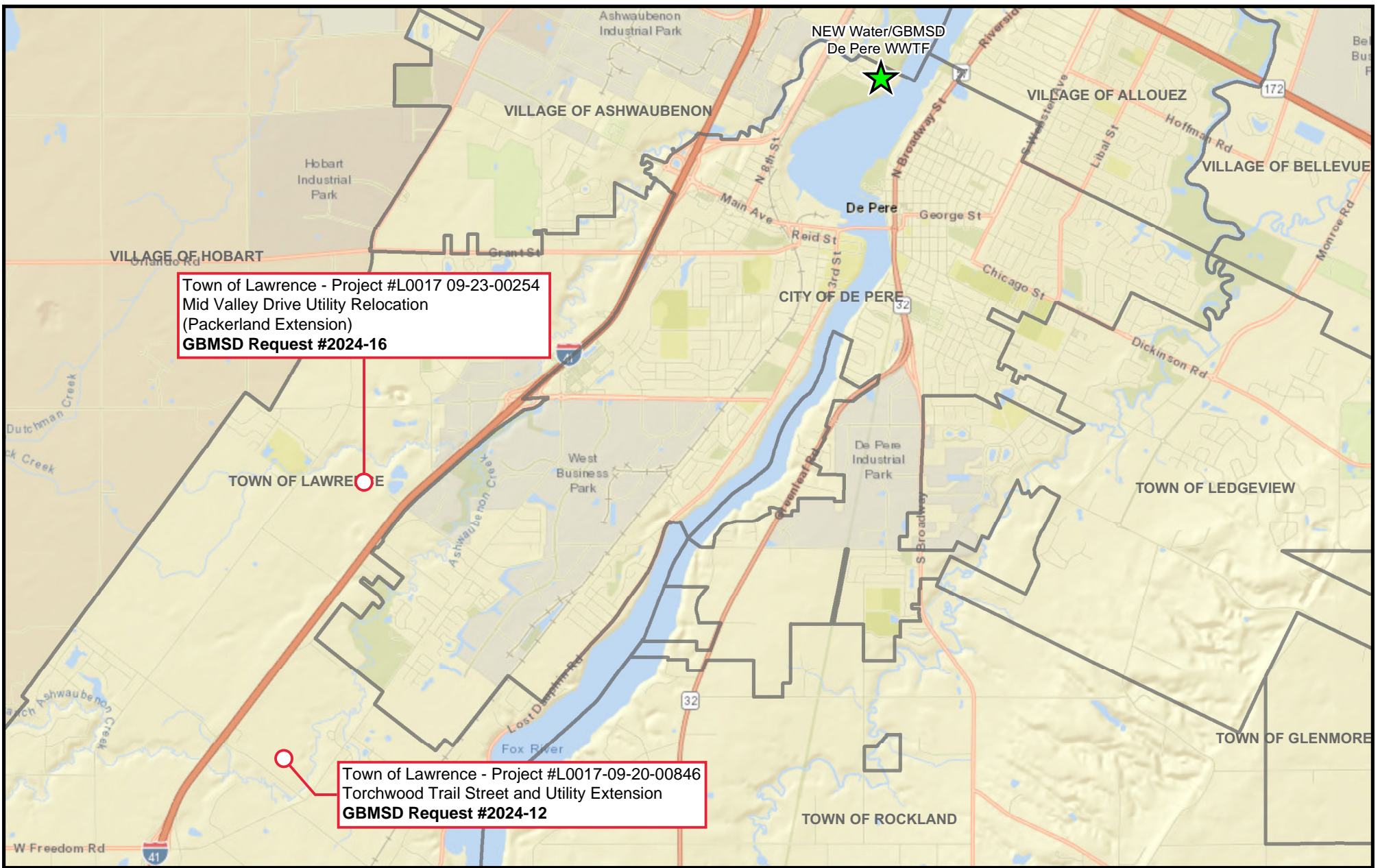


2024-02-16
REVISED 2024-02-28
2024-04-01



Dial 811 or (800) 242-8511
www.DiggersHotline.com

DATE
FEBRUARY 2024
PROJECT NO.
L0017 09-23-00254

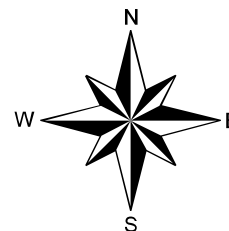


LEGEND

 Municipal Boundaries

April 2024

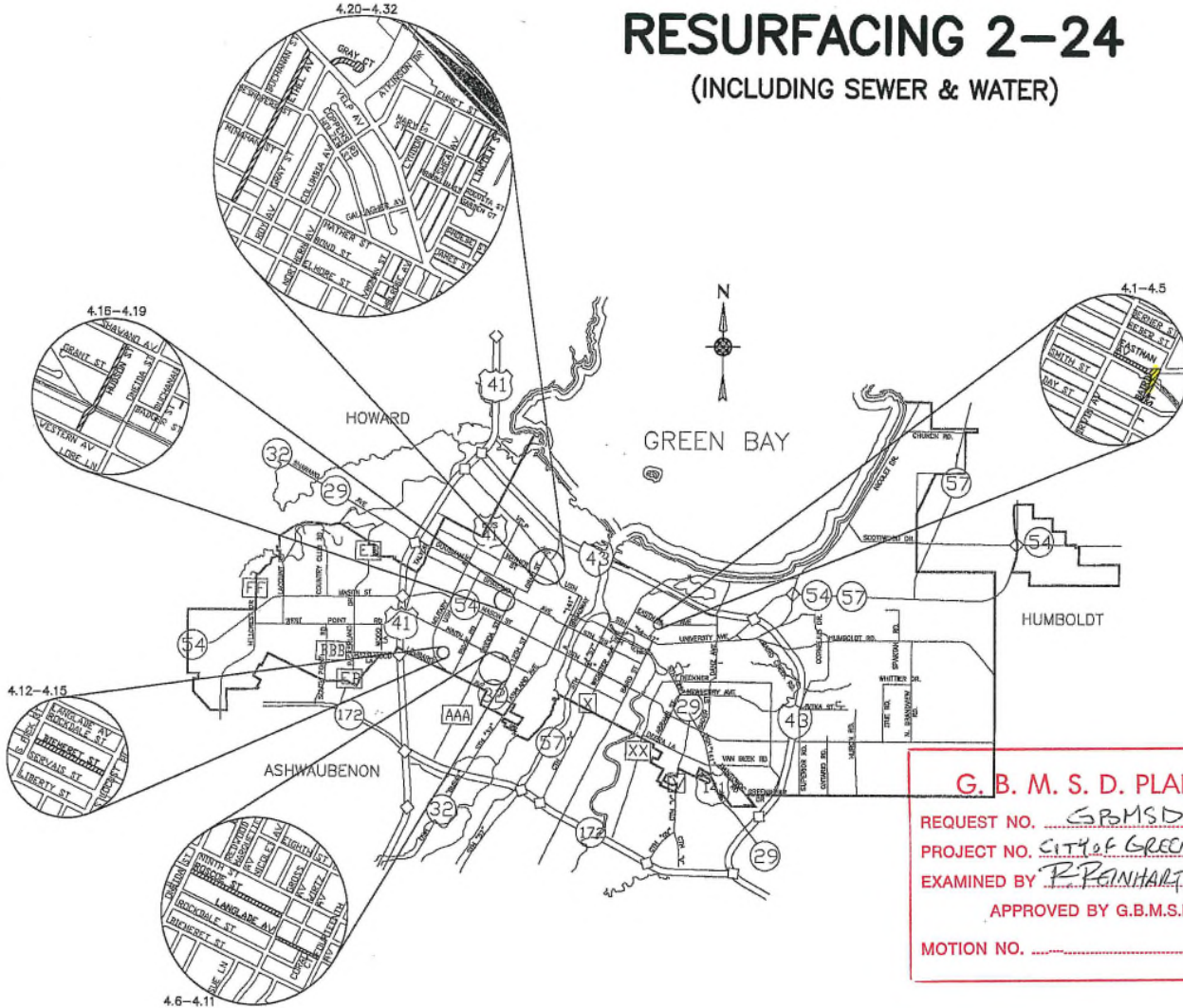
**GBMSD Sewer Plan Approval
 Request Location**



CITY OF GREEN BAY
 DEPARTMENT OF PUBLIC WORKS
 ENGINEERING DIVISION
RESURFACING 2-24
 (INCLUDING SEWER & WATER)

INDEX OF SHEETS

1.0	TITLE SHEET
2.0	GENERAL NOTES
3.0	PLAN DETAILS
4.0	PLAN & PROFILE
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4.1-4.3	EASTMAN AVENUE (N. IRWIN AVENUE TO N. BAIRD STREET)
4.4-4.5	N. BAIRD STREET (EASTMAN AVENUE TO SMITH STREET)
4.6-4.8	LANGLADE AVENUE (GROSS STREET TO 14TH AVENUE)
4.9-4.11	ROSCOE STREET (GROSS AVENUE TO ONEIDA STREET)
4.12-4.15	BIEMERET STREET (FISK STREET TO LOOUST STREET)
4.16-4.19	HUDSON STREET (WESTERN AVENUE TO SHAWANO AVENUE)
4.20-4.27	ETHEL AVENUE (BOND STREET TO VELP AVENUE)
4.28-4.29	GRAY COURT (VELP AVENUE TO CUL-DE-SAC)
4.30-4.32	LINCOLN STREET (MARY STREET TO EMMET STREET)



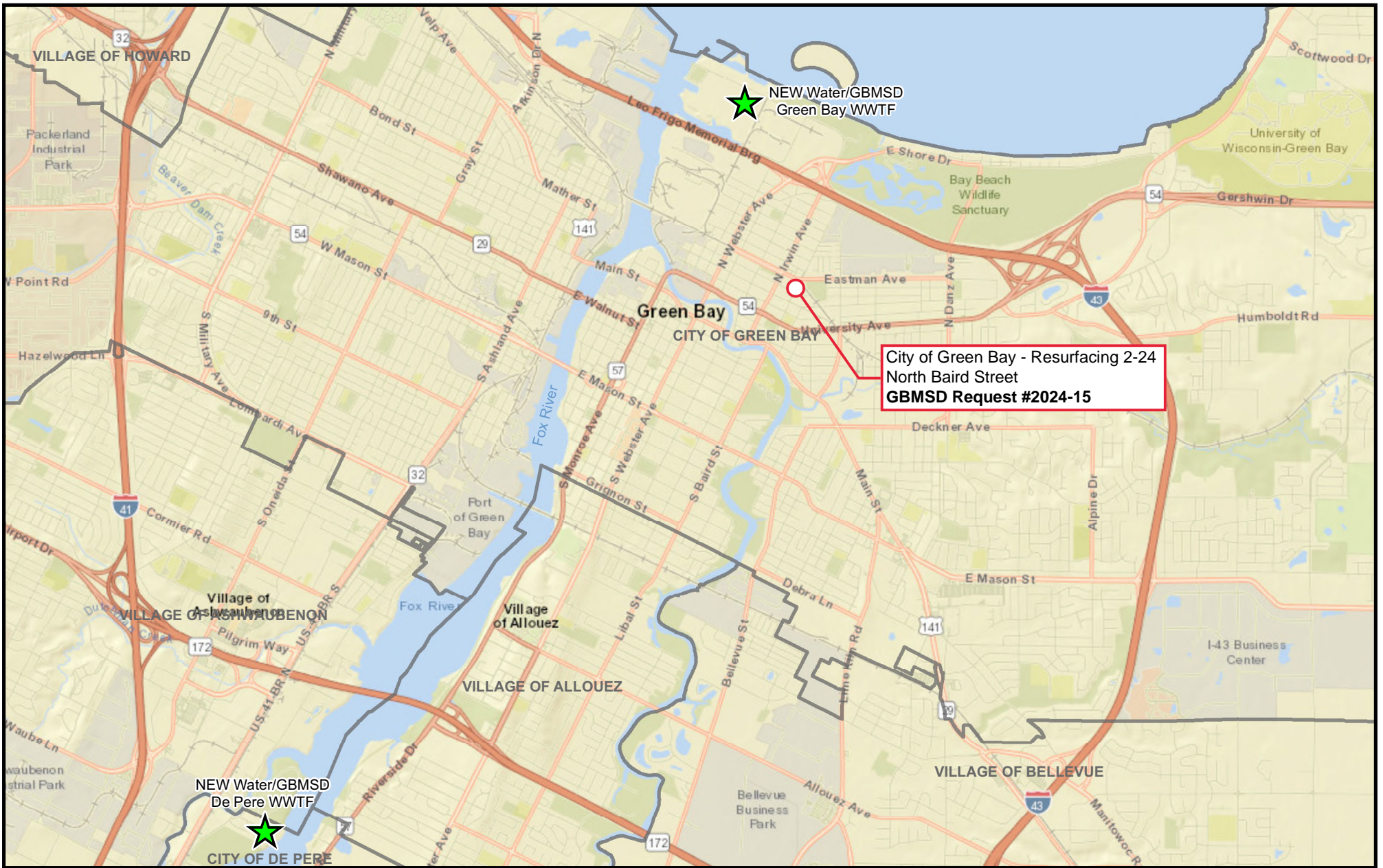
G. B. M. S. D. PLAN APPROVAL
 REQUEST NO. GBMSD #2024-15
 PROJECT NO. CITY OF GREEN BAY RESURFACING 2-24
 EXAMINED BY R. REINHART DATE 4/2/24
 APPROVED BY G.B.M.S.D. COMMISSION
 MOTION NO. _____ DATE _____

CITY OF GREEN BAY, WISCONSIN
 CITY HALL ROOM 300
 100 NORTH JEFFERSON STREET
 GREEN BAY, WISCONSIN 54301
 TELE. 920-448-3100

PREPARED BY
ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS

WISCONSIN
 JAMES M. BRUNETTE
 27407-6
 GREEN BAY
 WIS.
 PROFESSIONAL ENGINEER

APPROVED BY James M. Brunette DATE 3/27/24
 ASSISTANT DIRECTOR OF PUBLIC WORKS

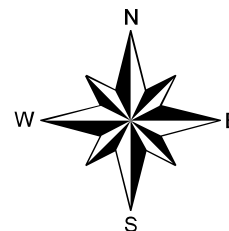


LEGEND

 Municipal Boundaries

April 2024

GBMSD Sewer Plan Approval Request Location



INDEX OF SHEETS

- 1 TITLE
- 2 TYPICAL SECTIONS
- 3-4 EROSION CONTROL
- 5-9 PLAN & PROFILES

HAZEL ESTATES 2ND ADDITION UTILITY AND ROADWAY CONSTRUCTION

VILLAGE OF HOWARD
BROWN COUNTY, WISCONSIN
VILLAGE PROJECT NO. 24022
APRIL, 2024

G. B. M. S. D. PLAN APPROVAL

REQUEST NO. GBMSD #2024-17

PROJECT NO. Village of Howard #24022

EXAMINED BY P. REINHART DATE 4/3/24

APPROVED BY G.B.M.S.D. COMMISSION

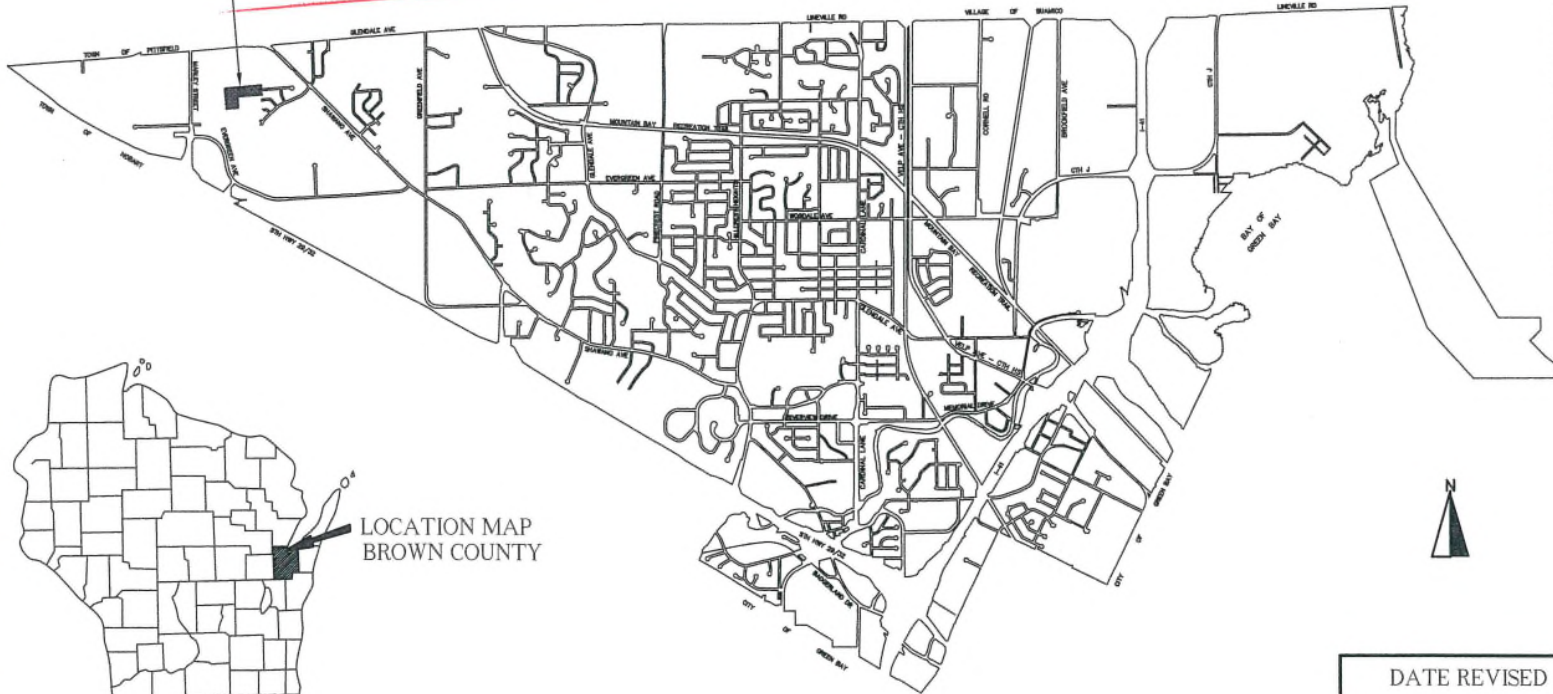
MOTION NO. _____ DATE _____

WISCONSIN
PROFESSIONAL ENGINEER

JOSHUA J. GERRITS
E-46018-6
GREEN BAY, WI

4/3/24

HAZEL ESTATES
PROJECT LOCATION



LOCATION MAP
BROWN COUNTY

PROJECT UTILITIES CONTACTS:

WISCONSIN PUBLIC SERVICE CORP (ELECTRIC)
SCOTT ZELNER
SCOTT.ZELNER@WISCONSINPUBLICSERVICE.COM
OFFICE: (920) 617-5068
MOBILE: (920) 680-2188

WISCONSIN PUBLIC SERVICE CORP (GAS)
ADAM LEY
ADAM.LEY@WISCONSINPUBLICSERVICE.COM
OFFICE: (920) 433-1079

AT&T
PAUL KRAUTKRAMER
PK3856@ATT.COM
OFFICE: (920) 433-4142
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SPECTRUM
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GEOFF.TULACHKA@CHARTER.COM
OFFICE: (920) 213-9400

NSIGHT / NET LEC LLC
RICK VINCENT
RICK.VINCENT@NSIGHT.COM
OFFICE: (920) 617-7316

TDS
SEAN MURRAY
SEAN.MURRAY@TDS TELECOM.COM
OFFICE: (608) 884-4806
MOBILE: (608) 886-5207

VILLAGE OF HOWARD
GEOFF FARR
GFARR@VILLAGEOFHOWARD.COM
OFFICE: (920) 434-4080

BROWN COUNTY PLANNING, SURVEY COORDINATION
JEFF DUMEZ
OFFICE: (920)448-6295

UNDERGROUND UTILITIES SHOWN ON PLANS ARE TAKEN FROM UTILITY COMPANIES RECORD DRAWINGS OR PRELIMINARY FIELD LOCATES.
WIS. STATUTES 182.0175 (1974) REQUIRES MINIMUM OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.
TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES CALL DIGGER'S HOTLINE 1-800-242-8511 TOLL FREE.

ORIGINAL PLANS PREPARED BY
VILLAGE OF HOWARD ENGINEERING DEPT.
1336 CORNELL RD., GREEN BAY, WI 54313
(920) 434-4080



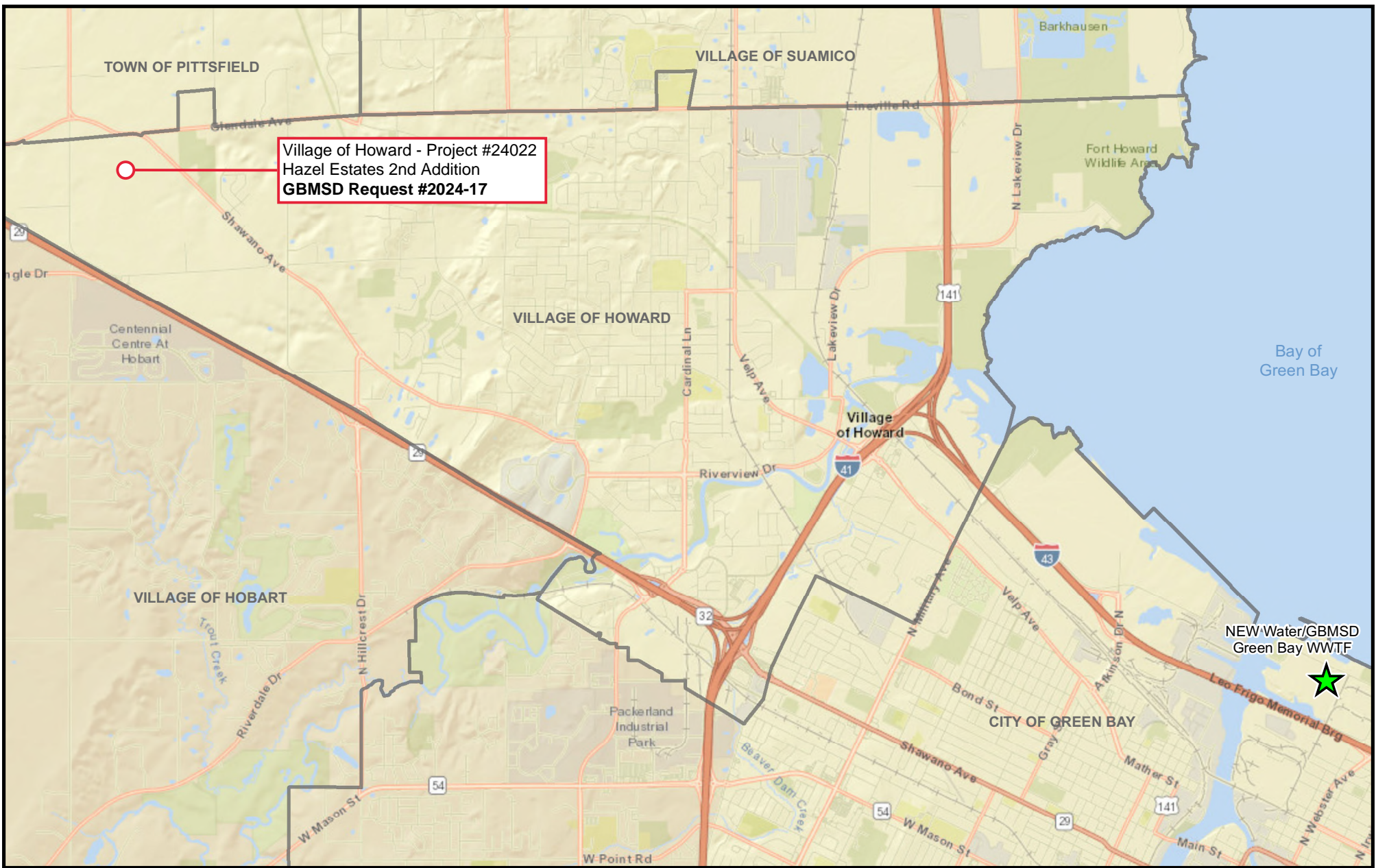
DATE _____ SIGNATURE _____

APPROVED FOR
VILLAGE OF HOWARD

DATE REVISD

PUBLIC WORKS DIRECTOR

VILLAGE ENGINEER



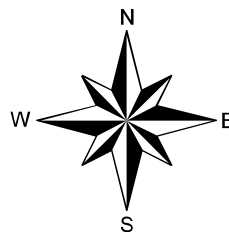
Village of Howard - Project #24022
 Hazel Estates 2nd Addition
 GBMSD Request #2024-17

LEGEND

 Municipal Boundaries

April 2024

**GBMSD Sewer Plan Approval
 Request Location**



Project Updates Summary - April 2024

Ongoing Construction Projects

Schedule	Budget	Project Name	Project Driver	Status Update	Estimated Cost
●	●	GBF: 2022 HVAC Improvements	Reliability / Equipment Life Impacts	Construction is complete and project closed.	\$500,000
●	●	GBF: Pump Station HVAC	Reliability / Aging Infrastructure	Construction is complete and project closed.	\$1,000,000
●	●	Ninth Street Interceptor American Drive Extension	Service Area Development	Construction is complete and project closed.	\$650,000
●	●	DPF: Tertiary Filtration & Service Water Project	Capacity	Working to address filter fabric fouling issue.	
			Reliability / Aging Infrastructure	Delayed , anticipate completion mid 2024.	\$10,000,000
●	●	West Fox River Interceptor Relocation	Economic Development	WFR Interceptor relocation by Georgia Pacific to accommodate the Broadway Mill expansion has been completed and the new sewer is in service. Need to work with GP on closeout.	
				On schedule , anticipate closeout in 2024.	N/A
●	●	GBF: Ferric Chloride Pumping System Replacement	Reliability / Aging Infrastructure	Construction is now well underway with initial pump start-up challenges being evaluated.	
				Delayed , anticipate completion in August 2024.	\$600,000
●	●	GBF: Service Water System Improvements	Reliability / Aging Infrastructure	Construction is underway. Evaluating schedule impacts of long lead time electrical equipment.	
				Delayed , anticipate completion in early 2025.	\$4,900,000
●	●	GBF: North Plant Clarifier Rehabilitation	Reliability / Aging Infrastructure	Contractor has remobilized to the site. Contractor is performing site preparation and awaiting clarifier equipment delivery.	
				On schedule , anticipate completion in 2026.	\$41,000,000
●	●	South Plant Pilot Project	Capacity	The pilot system is now operational. Research phase will be ongoing.	
			System Performance Optimization		
			Regulatory		\$1,000,000

Project Updates Summary - April 2024

Future Construction Projects

Schedule	Budget	Project Name	Project Driver	Status Update	Estimated Cost
●	●	GBF: Thickening Improvements	Capacity Aging Infrastructure System Performance Optimization	Design nearing completion. Clean Water Fund Loan application submitted and WDNR has confirmed funding availability. Delayed , anticipated design completion in May 2024.	\$21,600,000
●	●	DPF: Influent Pumping & Headworks Project	Capacity Aging Infrastructure System Performance Optimization	Design nearing completion and has shifted to a phased project approach to secure Clean Water Fund Loan funding. First phase of project will be two equipment procurement contracts. Delayed , anticipated design completion in May 2024.	\$17,500,000
●	●	East River Interceptor, East Fox River, and Fox River Crossing Interceptor Renewal	Aging Infrastructure	Design is nearing completion; however, coordination has led to delaying bidding of the project. Delayed , anticipated design completion in early 2024.	\$19,000,000
●	●	Ninth Street Interceptor Relocation Southbridge	WisDOT Project	Utility coordination is ongoing. Challenging soil conditions is influencing construction timing. On schedule , anticipated design completion in 2024.	\$1,260,000
●	●	GBF: Pumping & Headworks Project	Capacity Aging Infrastructure System Performance Optimization	Design contract has been awarded. On schedule , anticipated design completion in mid-2026.	\$43,000,000 to - \$64,000,000
●	●	East River Lift Station & Force Main Improvements	Capacity Aging Infrastructure	Design is underway. On schedule , anticipated design completion in 2026.	\$10,000,000
●	●	HVAC Upgrades: GBF Administration Building South	Capacity Aging Infrastructure	Bidding results were unfavorable. Staff are evaluating path forward. On schedule , anticipated completion early 2025.	\$750,000

Planning Projects

Schedule	Budget	Project Name	Project Driver	Status Update
		No active planning projects at this time.		

Monthly Construction Progress Report

Project Name: DPF Tertiary Filtration and Service Water Improvements Project
 Project Number: 18-030-CO
 Report Number: 30
 Reporting Period: March 14, 2024 – April 9, 2024
 Project Manager: Bill Angoli

Contractor: Miron Construction Company			
Contract Cost		Contract Time	
	<u>Amount</u>		<u>Date</u>
Original Contract Sum:	\$ 7,873,469.00	Original Substantial Completion:	<u>7/16/2022</u>
Net Change by Change Orders:	\$ 638,445.45	Original Contract Completion:	<u>9/13/2022</u>
Contract Sum to Date:	\$ 8,511,914.45	Revised Substantial Completion:	<u>5/1/2023</u>
Total Complete and Stored to Date	\$ 8,441,914.45	Revised Final Completion:	<u>5/23/2023</u>
Retainage:	\$ 212,797.86		
Total Earned Less Retainage:	\$8,229,116.59	Contract Milestones	
Previous Payments:	\$ 8,151,901.55	Do milestones apply?	No
Balance to Finish with Retainage:	\$282,797.86	If yes, list:	

Contract Contingency

Authorized Amount: \$ 787,347.00 Amount Used: \$638,445.45

Work Progress

Contract Budget Spent: 98% Contract Work Completed: 98%

Work Accomplished During Reporting Period

The firm hired by the manufacturer is now looking at chemical treatment approaches for silica removal. We are still working with the contractor and manufacturer on project closeout.

Work Scheduled for Next Reporting Period

Manufacturer, contractor, engineer and NEW Water will work towards project close out while continuing the work to resolve the solids media plugging issue. Manufacturer to provide report on findings from additional media testing as well as a chemical treatment approach and cost estimate in April. Staff will consider chemical treatment approach and possibly pilot test the solution.

Outstanding Issues

There is an issue with the filtration system media plugging with solids. Manufacturer of the filtration equipment is evaluating alternatives to remove the solids from the media in order to meet performance requirements for system operation.

Issues Resolved

None

Monthly Construction Progress Report

Project Name: Ferric Chloride Pump Replacement
 Project Number: 220005-CO2
 Report Number: 1
 Reporting Period: January 24, 2024 – April 24, 2024
 Project Manager: Tyler Biese

Contractor: August Winter & Sons Inc.			
Contract Cost		Contract Time	
	<u>Amount</u>		<u>Date</u>
Original Contract Sum:	\$ 516,375.00	Original Substantial Completion:	2/16/2024
Net Change by Change Orders:	\$ 6,896.00	Original Contract Completion:	3/17/2024
Contract Sum to Date:	\$ 523,271.00	Revised Substantial Completion:	8/16/2024
Total Complete and Stored to Date:	\$ 275,351.56	Revised Final Completion:	9/17/2024
Retainage:	\$ 12,909.38		
Total Earned Less Retainage:	\$ 262,442.18	Contract Milestones	
Previous Payments:	\$ 214,416.48	Do milestones apply?	No
Balance to Finish with Retainage:	\$ 260,828.82	If yes, list:	

Contract Contingency

Authorized Amount: \$ 51,625.00 Amount Used: \$ 6,896.00

Work Progress

Contract Budget Spent: 50% Contract Work Completed: 53%

Work Accomplished During Reporting Period

Demolition of the north ferric bay chemical feed pumping equipment has been completed. The new concrete trench drains have been cut and grouted in to facilitate drainage in the containment area. Mechanical and electrical components of new chemical feed pumping system and vertical storage tank have been installed.

Work Scheduled for Next Reporting Period

Startup and commissioning of the north chemical feed system is expected to be completed. Work is expected to start on the south chemical feed system after the north feed system has been accepted.

Outstanding Issues

The north ferric pumping system 7-day demonstration startup testing failed due to multiple pump and component malfunctions. The contractor and manufacturer continue to troubleshoot and work to resolve these issues. Once the issues are resolved the 7-day demonstration startup testing can be started over.

Issues Resolved

None.

Monthly Construction Progress Report

Project Name: Green Bay Facility Service Water Replacement
 Project Number: 210022CO
 Report Number: 3
 Reporting Period: 2/11/24 to 4/13/24
 Project Manager: Robert Brown

Contractor: J.F. Ahern Co.			
Contract Cost		Contract Time	
	<u>Amount</u>		<u>Date</u>
Original Contract Sum:	\$ 4,455,000.00	Original Substantial Completion:	11/04/24
Net Change by Change Orders:	\$ (6,521.77)	Original Final Completion:	01/03/25
Contract Sum to Date:	\$ 4,448,478.23	Revised Substantial Completion:	N/A
Total Complete and Stored to Date:	\$ 2,637,201.69	Revised Final Completion:	N/A
Retainage:	\$ 111,211.96		
Total Earned Less Retainage:	\$ 2,525,989.73	Contract Milestones	
Previous Payments:	\$ 2,188,018.91	Do milestones apply? No	
Balance to Finish with Retainage:	\$ 2,260,459.32	If yes, list:	

Contract Contingency

Authorized Amount: \$ 445,000.00 Amount Used: \$ 0.00

Work Progress

Contract Budget Spent: 49% Contract Work Completed: 59%

Work Accomplished During Reporting Period

New 24-inch piping through Tunnel J was completed and modifications were finalized to allow for isolation of pumps and piping on the north side of Tunnel A. Service water for plant operations is currently being supplied by existing pumps on the south side while the remaining equipment and piping is replaced. Three pumps for the north installation have been received, with May delivery anticipated for the strainers. Demolition of obsolete piping along with receiving and preparation of new pipe and fittings are ongoing.

Work Scheduled for Next Reporting Period

Pipe and fitting preparation will continue, and obsolete piping will be removed from project areas. Pump and piping installation for the north side service water pumps will likely extend into July. Touch-up painting for completed work will continue.

Outstanding Issues

A revised substantial completion date of 01/03/25 is anticipated, but will not be finalized and recorded until more reliable delivery information is provided by the MCC manufacturer.

Issues Resolved

None.



Photo of new north-side pump supply header being installed.

Memorandum

TO: Commission
Tom Sigmund

FROM: Emily Tietyen

DATE: April 24, 2024

SUBJECT: Executive Director Recruitment

Background

Planning for the recruitment of the next Executive Director is underway, this memo is to provide a brief update on the process.

The Human Resources Manager has received feedback to update the recruitment materials and has provided an updated draft to the Commission. Once feedback is finalized, advertising for the position can begin.

Recommended advertising sources for this role include:

Professional Organizations	Educational Institutions	Traditional Job Posting Sources
National Association for Clean Water Agencies (NACWA)	University of Wisconsin System	Indeed
Water Environment Federation (WEF)	University of Wisconsin Alumni Association	LinkedIn
American Water Works Association (AWWA)	Marquette University	
Water Reuse Association		
Wisconsin Wastewater Operators Association (WWOA)		
Central States Water Environment Association (CSWEA)		

Commission Action

No action requested.



Memorandum

TO: Commission
Tom Sigmund

FROM: Courtney Mueller

DATE: April 16, 2024

SUBJECT: 2024 March Financial Statements

Please find attached the Financial Statements for your review.

Operating Revenues

- March's operating revenues were unfavorable to budget by (\$163K) or (4%) from the following:
 - Less flow Volume due to lower precipitation.
 - Mill revenue is below budget.
- Year to date, total operating revenues were unfavorable to budget by (\$190K) or (2%) from the following:
 - Mill revenue is below budget.

Operating Expenses

- March's operating expenses were favorable to budget by \$477K or 20% from less expenditures than budgeted in Contracted Services and Chemicals.
- Year to date, total operating expenses were favorable to budget by \$759K or 11% from less expenditures than budgeted in contracted services.

Net Income (Loss) (Operating Income adjusted by Non-Operating Revenue and Expenses)

- Net Income for the month of March was \$885K.
- Net Income year to date was \$2.3M.

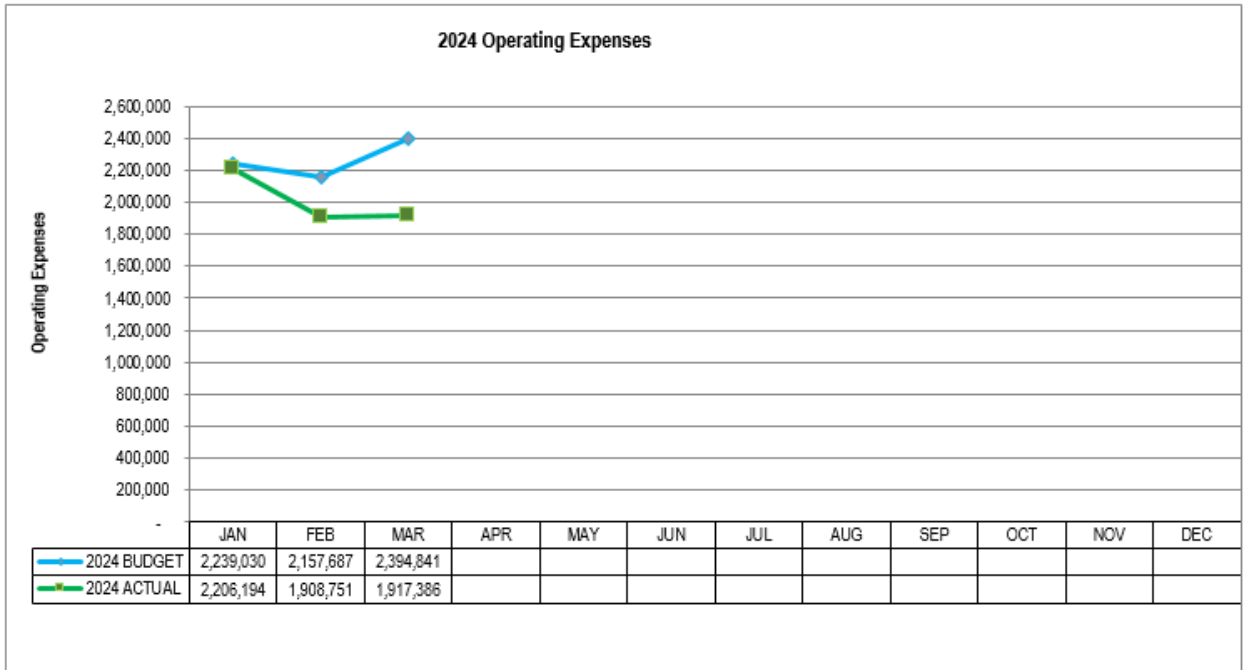
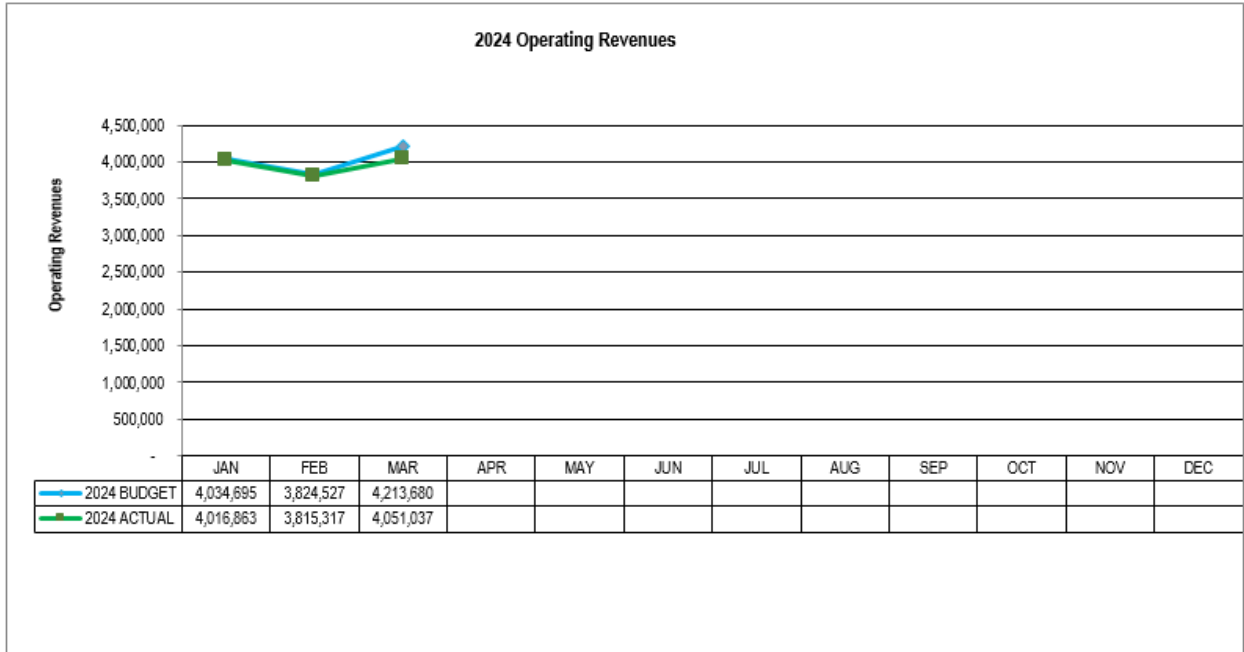
Reporting and Information

Following are the Operating Revenues and Expenses graphs; Income Statement, Statements of Net Position, and Legends are attached.

No Commission action is required.



NEW Water



NEW Water
Green Bay Metropolitan Sewerage District
INCOME STATEMENT

	Mar-24			Year to Date			Actual 2023
	Budget 2024	Actual 2024	Budget vs. Actual Favorable/ (Unfavorable)	Budget 2024	Actual 2024	Budget vs. Actual Favorable/ (Unfavorable)	
Operating Revenues							
User Fees - Municipal Waste	\$ 3,814,784	\$ 3,712,223	\$ (102,561)	\$ 10,887,263	10,843,660	\$ (43,603)	\$10,824,866
User Fees - Mill Waste	296,433	249,246	(47,186)	\$ 798,489	\$ 689,265	(109,224)	961,700
Other Revenues	102,463	89,568	(12,896)	\$ 387,150	\$ 350,293	(36,858)	\$330,736
Total Operating Revenues	\$ 4,213,680	\$ 4,051,037	\$ (162,643)	\$ 12,072,902	\$ 11,883,217	\$ (189,685)	\$ 12,117,302
			-4%			-2%	
Operating Expenses							
Salaries	\$ 833,720	\$ 784,301	\$ 49,419	\$ 2,453,472	\$ 2,354,160	\$ 99,312	\$ 2,268,159
Benefits	272,874	253,926	18,948	\$ 797,468	\$ 764,674	32,795	686,983
Employee Development	20,903	8,228	12,675	\$ 61,560	\$ 45,425	16,135	25,161
Travel and Meetings	13,805	4,294	9,511	\$ 25,885	\$ 16,631	9,254	19,407
Power	188,260	178,152	10,108	\$ 562,657	\$ 532,865	29,792	679,514
Natural Gas & Fuel Oil	106,136	77,054	29,082	\$ 252,566	\$ 250,646	1,919	208,427
Chemicals	145,659	27,158	118,501	\$ 342,573	\$ 271,866	70,707	293,127
Maintenance - Plant	221,873	266,625	(44,752)	\$ 601,790	\$ 628,884	(27,094)	399,680
Maintenance - Interceptors	13,330	8,189	5,140	\$ 83,500	\$ 19,886	63,614	34,901
Contracted Services	329,825	137,808	192,017	\$ 907,825	\$ 549,967	357,858	509,313
Insurance	45,087	44,686	401	\$ 135,261	\$ 134,057	1,204	117,506
Solid Waste Disposal	5,414	17,144	(11,731)	\$ 85,705	\$ 51,824	33,882	27,552
Administrative and Information Technology	139,906	75,734	64,171	\$ 330,923	\$ 255,772	75,150	203,733
Supplementary Expenses (See Legend)	58,049	34,086	23,963	\$ 150,373	\$ 155,675	(5,301)	153,617
Total Operating Expenses	\$ 2,394,841	\$ 1,917,386	\$ 477,454	\$ 6,791,558	\$ 6,032,332	\$ 759,226	\$ 5,627,079
			20%			11%	
Operating Income	\$ 1,818,839	\$ 2,133,650	\$ 314,811	\$ 5,281,344	\$ 5,850,886	\$ 569,541	\$ 6,490,223
			17%			11%	
Non-Operating Revenues and Expenses							
Investment Income	\$ 121,348	\$ 206,804	\$ 85,456	\$ 364,045	\$ 748,701	\$ 384,656	\$ 623,640
Unrealized Gain/Loss on Investment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Amortization of Premium	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Depreciation	\$ (1,160,294)	\$ (1,160,294)	\$ -	\$ (3,480,882)	\$ (3,480,882)	\$ -	(3,481,284)
Gain (Loss) on Disposal of Fixed Assets	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000	-
Interest Expense	\$ (292,369)	\$ (295,140)	\$ (2,770)	\$ (877,108)	\$ (880,234)	\$ (3,126)	(932,419)
Misc Non-Operating Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Total Non-Operating Revenues and Expenses	\$ (1,331,315)	\$ (1,248,629)	\$ 82,686	\$ (3,993,945)	\$ (3,597,414)	\$ 396,531	\$ (3,790,063)
Net Income (Loss)	\$ 487,524	\$ 885,021	\$ 397,497	\$ 1,287,399	\$ 2,253,471	\$ 966,072	\$ 2,700,160

Note: Please reference attached legends by categories.

NEW Water

Green Bay Metropolitan Sewerage District

Income Statement Legends per Categories

Operating Revenues:

User Fees - Municipal Waste:	Volume, Biochemical Oxygen Demand, Suspended Solids, Phosphorus, Kjeldahl Nitrogen, Direct Charges
User Fees – Mill Waste:	Volume, Biochemical Oxygen Demand, Suspended Solids, Phosphorus, Kjeldahl Nitrogen Direct Charges from Procter & Gamble, and Fox River Fiber
Capital and Direct Revenue Mills:	Capital and Debt Service Charges.
Other Revenues:	Excess Capacity Rental and Exceedance Surcharges, Discounts Permit Fees, Leases and miscellaneous revenues.

Operating Expenses:

Salaries:	Departmental, Pretreatment, Interceptor, Meter and Lift Stations (East River Lift Stations and Old Plank Lift Stations).
Benefits:	Health, Dental, & Life Insurances, Retirement, Social Security, Fringe and Compensated Benefits, Workers and Unemployment Compensations, Uniforms, Employee Referral Services, Long Term Disability, and Wellness.
Employee Development:	Registration, Conference, Seminar, Tuition Fees and Training.
Travel and Meetings:	Lodging, Transportation, Meals, Mileage, and Meetings (prior were included in Employee Development and Supplementary Expenses).
Power:	All Power related.
Natural Gas & Fuel Oil:	Generators, Incineration and Heating.
Chemicals:	Sodium, Polymer, Ferric Chloride, Muriatic Acid, Lime, etc., Interceptor Odor Control and Lab Chemicals.
Maintenance Plant:	Repair and Maintenance Building and Equipments, Inventories (Obsolescence, Variances), Telephones for Lift and Meter Stations, Pretreatment Programs, Inventory Obsolescence, Leases and Rental.

NEW Water

Green Bay Metropolitan Sewerage District

Income Statement Legends per Categories

Operating Expenses (Continued):

Maintenance Interceptors:	Repair and Maintenance of Interceptors, Lift Stations, and Meter Stations.
Contracted Services:	Contractors, Legal, Audit, Studies, Occupational Health, Custodial Services, Environmental Programs, Sponsorship, Hazardous Waste Disposal, Class and Compensation, Household Hazardous Waste Disposal, DNR Environmental Fees, In District Sustainability, Risk Based Asset Management, Watershed Based Planning, Reg/Muni Environment Service and Contingency.
Insurances:	Automobile, Property, Boiler and Machinery, Liability, Umbrella, Commercial Crime, and Public Officials.
Solid Waste Disposal:	Hickory Meadows Landfill and Veolia Environmental Services.
Administrative & Information Technology:	Supplies, Postage, Data Processing (computer software, main application, support, etc.), Publishing, Sales and Use Tax, Bank Service Charges and Employee Recognition.
Supplementary Expenses:	Telephones (main lines, cells), Fuel Vehicles, (New) Fuel Equipment, Small Tools, Public Information, Memberships and Dues, Publications and Subscriptions, Licenses & Permits, Freight In, Freight Out, Safety Shoes and Glasses, and Water (including Fire Protection supplemental fee).

Non-Operating Revenues and Expenses:

Investment Income:	Interest on Investments and Interceptor Cost Recovery Interest.
Depreciation Expense:	Monthly Depreciation on all Fixed Assets such as Land, Land Improvements, Buildings, Vehicle, Boats & Trailers, Machinery Equipment, Furniture and Fixtures, Interceptors, Meters & Lift Stations.
Gain (Loss) on Disposal of Fixed Assets:	Sale, Disposal, and Transfer of Fixed Asset. Interest
Expense:	Debt Service and Bond Anticipation Note Interest.

**NEW Water
GREEN BAY METROPOLITAN SEWERAGE DISTRICT
STATEMENTS OF NET POSITION
For the Twelve Months Ending:**

31-Mar-24

Assets		
Current Assets		
Cash and Investments	\$	26,411,448.51
Receivables		
Sewage Treatment Service		6,630,848.66
Accrued Interest		360,300.74
Other		4,126.19
Inventories		2,339,335.40
Prepaid Expenses		496,733.98
Total Current Assets	\$	<u>36,242,793.48</u>
Restricted Assets		
Cash and Investments	\$	82,698,545.74
Accrued Interest Receivables		1,125,944.19
Interceptor Cost Recovery Receivable		1,265,266.73
Total Restricted Assets	\$	<u>85,089,756.66</u>
Deferred Outflows of Resources		
Deferred Pension Resources	\$	7,845,239.00
Deferred Life Insurance Resources	\$	1,030,883.00
Deferred Loss on Bond Advance Refunding	\$	2,133,931.57
Total Deferred outflows of Resources	\$	<u>11,010,053.57</u>
Capital Assets		
Wastewater Treatment Facilities	\$	364,325,927.93
Interceptor Sewers		111,877,194.31
Construction in Progress		22,971,178.82
Total Capital Assets	\$	<u>499,174,301.06</u>
Less: Accum Depreciation and Amortization		<u>(181,512,850.72)</u>
Net Capital Assets	\$	<u>317,661,450.34</u>
Other Assets		
Bond Issuance Costs	\$	-
Net Pension Asset	\$	4,035,763.00
Total Other Assets	\$	<u>4,035,763.00</u>
Total Assets	\$	<u><u>454,039,817.05</u></u>
Liabilities and Equity		
Current Liabilities		
Accounts Payable	\$	4,234,058.16
Salaries Payable		379,198.04
Other Accrued Liabilities		135,720.34
Total Current Liabilities	\$	<u>4,748,976.54</u>
Liabilities Payable from Restricted Assets		
Accounts Payable	\$	507,587.00
Current Maturities of General Long-Term Debt		12,313,095.00
Interest Accrued		1,458,170.07
Total Liabilities Payable from Restricted Assets	\$	<u>14,278,852.07</u>
Long-Term Liabilities		
General Long-Term Debt, Less Current Maturities	\$	159,060,432.86
Debt Premium	\$	326,357.03
Bond Premium	\$	-
Pension Liability		-
Compensated Absences	\$	2,406,131.55
Other post employment benefits (life insurance)	\$	2,492,905.00
Deferred Revenue		-
Total Long-Term Liabilities	\$	<u>164,285,826.44</u>
Total Liabilities	\$	<u>183,313,655.05</u>
Deferred Inflows of Resources		
Deferred Pension Obligations	\$	9,508,570.00
Deferred Life Insurance Obligations	\$	269,538.00
Total	\$	<u>9,778,108.00</u>
Net Position		
Net Position		
Invested in Capital Assets, net of Related Debt	\$	148,095,497.02
Restricted for Equipment & Interceptor Replacement		30,295,558.80
Restricted for Plant Capital Replacement		32,283,681.28
Restricted for Debt Retirement		20,837,256.64
Restricted for Capital Projects		-
Restricted for Pension		4,035,763.00
Unrestricted		25,400,297.26
Total Net Position	\$	<u><u>260,948,054.00</u></u>

Note: Please reference attached legends by categories.

NEW Water

Green Bay Metropolitan Sewerage District

Statements of Net Position (previously Balance Sheet) Legends per Categories

Assets

<u>Current Assets:</u>	Are cash and other assets that will be converted to cash or used by GBMSD in a relative short period of time, usually a year or less.
Cash and Investments:	Petty cash, cash in checking, general savings and investment accounts, discounts/premiums for unrestricted and restricted.
Accounts Receivables:	All amounts owed to GBMSD by customers.
Sewage Treatment Service:	Accounts receivable for sewage treatment services.
Accrued Interest:	Accrued interest and interest received on investments.
	Other: Accounts receivable from septage, pretreatment, and other customers such as Procter and Gamble Paper Products, West Shore Pipeline Co, etc.
Inventories:	Are goods and materials held available in stock by GBMSD such as electrical, instrumentation, mechanical, hardware, janitorial, lubes & oils, fuel oils, polymer, and all other miscellaneous related products such as copy paper, gloves, respirator or filter head piece, cartridge, cleaners, towels, etc.
Prepaid Expenses:	Insurances that have been paid for and not yet used such as worker compensation, liability base, automotive, umbrella base, property base, boiler & machinery, commercial crime, public officials, health, dental, and fringe benefits.
<u>Restricted Assets</u>	
Cash and Investments:	Savings, investment and money market accounts for debt, plant and equipment replacement fund (PERF), interceptor cost recovery (ICR), bond proceeds, and unrealized gain/loss.
Accrued Interest Receivable:	Accrued interest and interest received periodically on restricted investments.

NEW Water

Green Bay Metropolitan Sewerage District

Statements of Net Position (previously Balance Sheet) Legends per Categories

Interceptor Cost Recovery Receivable: Deferred receivable from municipal customers in which the municipalities have agreed to reimburse GBMSD for the cost of interceptors owned by GBMSD whose capacity has been allocated.

Capital/Fixed Assets:

Capital: Are all items of property other than inventories, receivables, copy rights, certain governmental obligations, and real and depreciable property used by GBMSD (Ex: capital stocks and bonds).

Fixed Assets: Are long term assets acquired by GBMSD rather than for resale.

Wastewater Treatment Facilities: Land & land improvements, structures, machinery & equipment, furniture & fixtures, vehicle, boats & trailers, and amortize assets.

Interceptor Sewers: Meter & lift stations and interceptors.

Construction in Progress (CIP): Asset entry records the cost of construction work, which is not yet completed. A CIP item is not depreciated until the asset is placed in service.

Accumulated Depreciation & Amortization: Shows the total of all depreciation and amortization recorded on the asset up through the balance sheet date (land & land improvements, structures, machinery & equipment, furniture & fixtures, vehicle, boats & trailers, and accumulated amortization).

Depreciation: Is the amount of plant asset cost allocated to each accounting period benefiting from the asset's use; it is a process of allocation, not valuation.

Amortization: Is the systematic write-off of the cost of an intangible asset to expense. A portion of intangible asset cost is allocated to each accounting period in the economic (useful) life of the asset.

NEW Water

Green Bay Metropolitan Sewerage District

Statements of Net Position (previously Balance Sheet) Legends per Categories

Other Assets:

Other Receivable: Miscellaneous receivable such as credits and adjustments received.

Bond Issuance Cost: Expenditures incurred in preparing and selling a bond issue such as legal, underwriting, registration fees, etc. These deferred charges are amortized over the period the bonds are outstanding (date of issue to the maturity date).

Liabilities and Equity

Current Liabilities: Are debts, usually due within one year, and the payment of which normally will require the use of current assets.

Accounts Payable: Are amounts owed by GBMSD to creditors for items or services purchased from them. Contains all vouchers that have been prepared and approved as proper liabilities such as accounts payable, retainage payable for projects and accounts payable accruals.

Salaries Payable: Accrued salaries incurred and not yet paid.

Other Accrued Liabilities: Amounts owed to employees for services rendered and for which payment has not been made at the balance sheet date such as fringe benefits payable, federal income tax payable, FICA payable, Medicare payable, life insurance, dependent care withholding, child support payment, United Way payable, and Wisconsin income tax payable.

Liabilities Payable for Restrictive Assets:

Accounts Payable: Contains all vouchers that have been prepared and approved as proper liabilities for restrictive assets.

Current Maturity of Long Term Debt:

Interest Accrued: Accrual and interest payment on debt services, Clean Water Fund loan, bond anticipation note, and Wisconsin environmental improvements.

NEW Water

Green Bay Metropolitan Sewerage District

Statements of Net Position (previously Balance Sheet) Legends per Categories

<u>Long-Term Liabilities:</u>	Are those debts not due for a relatively long period of time, usually more than one year.
General Long-Term Debt, Less Current Maturities:	Clean Water Fund loans, general obligation notes, bond issuance, bond anticipation notes, and promissory notes.
Compensated Absences:	Are compensation received by employees such as accrued vacation & sick pay, severance, and paid leave conversion. Accumulated unpaid vacation and sick paid amounts are accrued when benefits vested to employees.
Deferred Revenues:	Involves transfer of data already recorded in asset and liability accounts to expense and revenue accounts (Ex: De Pere consolidation).

Net Assets

Invested in Capital Assets, Net of Related Debt:	Capital Assets net of debt such as Clean Water Fund loans, general obligation note, bond issue, bond anticipation loan, promissory note, bond issuance costs, and discount on bond issue.
Restrictive for Equipment and Interceptor Replacement:	Plant and equipment replacement fund (PERF), interceptor cost recovery (ICR) investments, Rate Stabilization Fund and accrued interest received.
Restricted for Debt Retirement:	Restrictive debt investment, accrued interest received debt, and interest payable.
Restricted for Capital Projects:	Restrictive for capital project expenditures for the R2E2 Solids Project.
Unrestricted:	All other net assets that do not meet the definition of "restricted" or "invested in capital assets, net of related debt."

Memorandum

TO: Commission
Tom Sigmund

FROM: Patrick Wescott

DATE: April 16, 2024

SUBJECT: March 2024 Operations Report

CC: Jake Becken – Treatment
Pat Smits – Maintenance
Kate Verbeten – Environmental Compliance

Effluent Quality

Both facilities were in full compliance with all effluent limits for the month of March.

Attached are graphs showing a rolling 12-month average for effluent quality and permit limits for both facilities.

Air Quality

The Green Bay Facility was in compliance with air quality limits for the month of March.

Resource Recovery

For the month of March, the solids processing facility generated 1,448 MWH of electricity. Total bio-gas volume recovered was 143,903 CCF. This is 80% of the total volume produced. Maintenance work was completed in the early part of the month that impacted bio-gas utilization. System improvements and repairs were successfully completed during this time. The remaining bio-gas volume was sent through the waste gas flare. NEW Water received 351,903 gallons of high strength waste in March.

Attached is a graph showing a rolling 12-month average for energy utilization at the Green Bay Facility.

Attachments

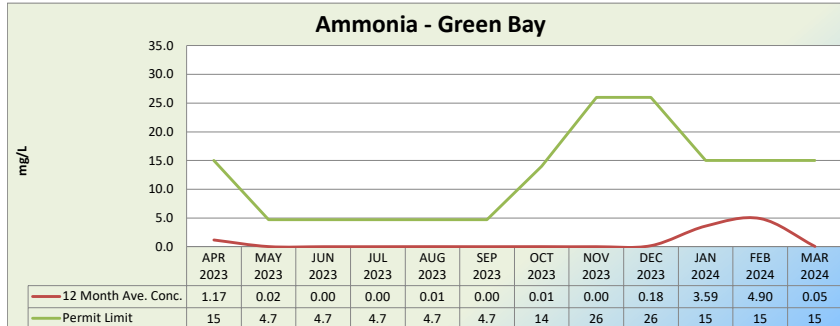
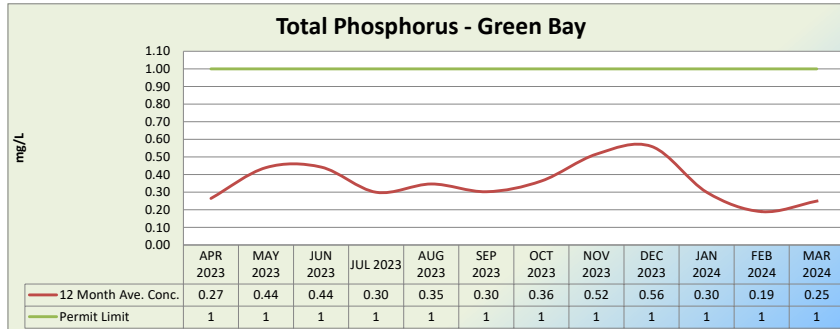
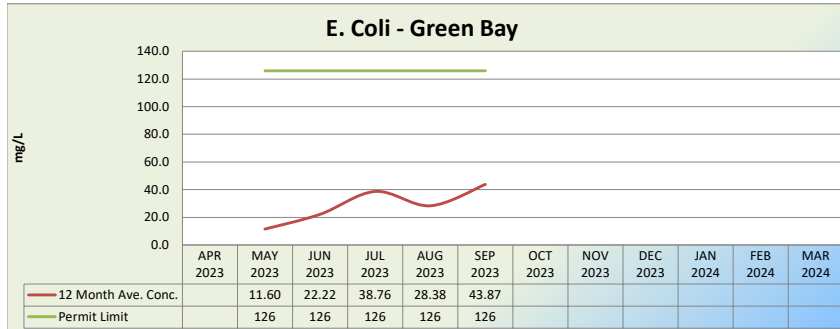
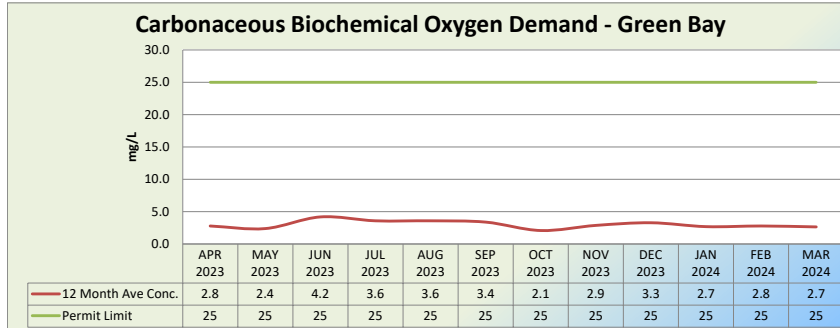
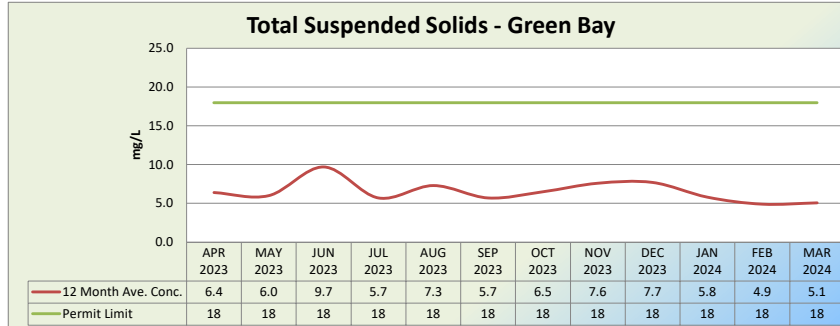
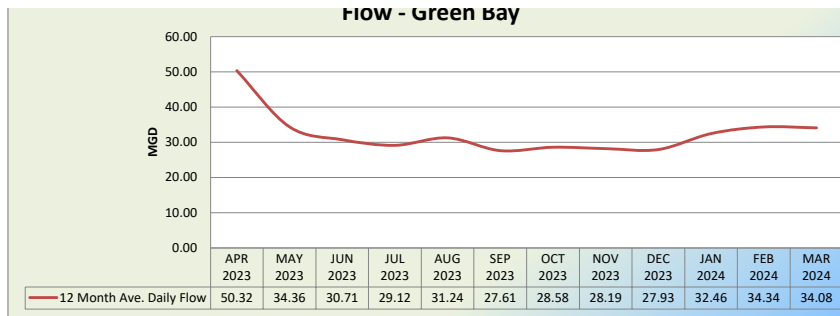


EFFLUENT QUALITY - CURRENT YEAR 2024 NEW Water (GBMSD) - GREEN BAY FACILITY													May - October Avg = 0.6 mg/L		Ammonia Limits									
													November - April Avg = 0.6 mg/L		Jan-Apr. Monthly Avg = 15 mg/L Weekly Avg = 59 mg/L May-Sept Monthly Avg = 4.7 mg/L Weekly Avg = 13 mg/L October Monthly Avg = 14 mg/L Weekly Avg = 38 mg/L Nov-Dec Monthly Avg = 26 mg/L Weekly Avg = 104 mg/L									
Permit Limits:													18 mg/L		N/A		25 mg/L		126#/ 100 ml		> 410#/100 ml 10%		1.0 mg/L 0.6 mg/L per Six Months	
	FLOW		TSS			T-BOD			C-BOD			E. Coli		T. PHOSPHORUS (LL)				AMMONIA			TKN			
MONTH	Million Gallons	MGD	Ave mg/L	Ave #/Day	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month	Monthly Geo Mean	% Exceedance	Ave mg/L	Ave #/Day	Ave mg/l 6 Months	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month	
JAN	1,006.230	32.46	5.8	1,569	48,645	12.3	3,349	103,832	2.7	766	23,761			0.30	81		2,509	3.59	1,000	30,992	5.09	1,403	43,482	
FEB	995.762	34.34	4.9	1,402	40,666	13.6	3,923	113,772	2.8	806	23,376			0.19	52		1,519	4.90	1,453	42,148	6.26	1,842	53,431	
MAR	1,056.543	34.08	5.1	1,451	44,994	9.2	2,632	81,581	2.7	760	23,546			0.25	74		2,283	0.05	16	509	1.71	485	15,050	
APR																0.36								
MAY													0.00											
JUN													0.00											
JUL													0.00											
AUG													0.00											
SEP													0.00											
OCT													0.00											
NOV													0.00											
DEC													0.00											
Average	1,019.512	33.63	5.3	1,474	44,768	11.7	3,301	99,728	2.7	777	23,561			0.25	69		2,104	2.85	823	24,549	4.35	1,243	37,321	
Total	3,058.535				134,305			299,184			70,682						6,311			73,648			111,963	
All time record best(s) ->			2.0	425	13,187	2.0	336	10,267	0.2	52	1,556			0.11	27		803	0.00	0	0	0.67	170	5,125	

The effluent quality was in compliance with all of the above permit parameters for March 2024

EFFLUENT QUALITY - CURRENT YEAR 2023 NEW Water (GBMSD) - GREEN BAY FACILITY													May - October Avg = 0.6 mg/L		Ammonia Limits									
													November - April Avg = 0.6 mg/L		Jan-Apr. Monthly Avg = 15 mg/L Weekly Avg = 59 mg/L May-Sept Monthly Avg = 4.7 mg/L Weekly Avg = 13 mg/L October Monthly Avg = 14 mg/L Weekly Avg = 38 mg/L Nov-Dec Monthly Avg = 26 mg/L Weekly Avg = 104 mg/L									
Permit Limits:													18 mg/L		N/A		25 mg/L		126#/ 100 ml		> 410#/100 ml 10%		1.0 mg/L 0.6 mg/L per Six Months	
	FLOW		TSS			T-BOD			C-BOD			E. Coli		T. PHOSPHORUS				AMMONIA			TKN			
MONTH	Million Gallons	MGD	Ave mg/L	Ave #/Day	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month	Monthly Geo Mean	% Exceedance	Ave mg/L	Ave #/Day	Ave mg/l 6 Months	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month	
JAN	1,077.505	34.76	7.4	2,152	66,709	10.9	3,153	97,730	3.5	1,025	31,763			0.38	111		3,453	0.00	0	0	2.10	609	18,894	
FEB	923.380	32.98	7.7	2,120	59,371	10.5	2,903	81,271	4.2	1,152	32,247			0.37	103		2,887	0.14	40	1,130	2.19	604	16,907	
MAR	1,551.325	50.04	5.9	2,481	76,915	10.0	4,191	129,911	3.3	1,376	42,662			0.29	121		3,741	0.47	235	7,046	2.16	927	28,740	
APR	1,509.668	50.32	6.4	2,754	82,611	11.9	4,842	145,257	2.8	1,184	35,535			0.27	105	0.32	3,160	1.17	521	15,629	2.72	1,168	35,052	
MAY	1,065.020	34.36	6.0	1,784	55,293	7.3	2,128	65,958	2.4	744	23,074	11.60	0.00	0.44	130		4,017	0.02	6	187	1.52	438	13,566	
JUN	921.360	30.71	9.7	2,581	77,424	9.8	2,587	77,604	4.2	1,104	33,108	22.22	0.00	0.44	117		3,520	0.00	0	0	1.86	483	14,493	
JUL	902.790	29.12	5.7	1,385	42,936	6.2	1,492	46,259	3.6	872	27,038	38.76	0.00	0.30	74		2,309	0.00	0	0	1.97	480	14,869	
AUG	968.531	31.24	7.3	1,916	59,405	6.0	1,570	48,680	3.6	921	28,552	28.38	0.00	0.35	90		2,804	0.01	2	67	1.82	475	14,712	
SEP	828.235	27.61	5.7	1,310	39,309	5.9	1,370	41,108	3.4	775	23,239	43.87	0.00	0.30	70		2,094	0.00	0	0	1.87	430	12,913	
OCT	885.969	28.58	6.5	1,537	47,632	10.0	2,367	73,372	2.1	546	16,932			0.36	87	0.37	2,689	0.01	2	53	1.89	448	13,885	
NOV	845.688	28.19	7.6	1,791	53,723	10.4	2,438	73,133	2.9	687	20,614			0.52	120		3,602	0.00	0	0	1.83	430	12,903	
DEC	865.725	27.93	7.7	1,808	56,047	11.0	2,568	79,620	3.3	788	24,423			0.56	129		4,006	0.18	47	1,449	2.02	477	14,774	
Average	1,028.766	33.82	7.0	1,968	59,781	9.2	2,634	79,992	3.3	931	28,266			0.38	105		3,190	0.17	71	2,130	2.00	581	17,642	
Total	12,345.196				717,377			959,903			339,187						38,282			25,561			211,708	
All time record best(s) ->			2.0	425	13,187	2.0	336	10,267	0.2	52	1,556			0.11	27		803	0.00	0	0	0.67	170	5,125	

The effluent quality was in compliance with all of the above permit parameters for December 2023.

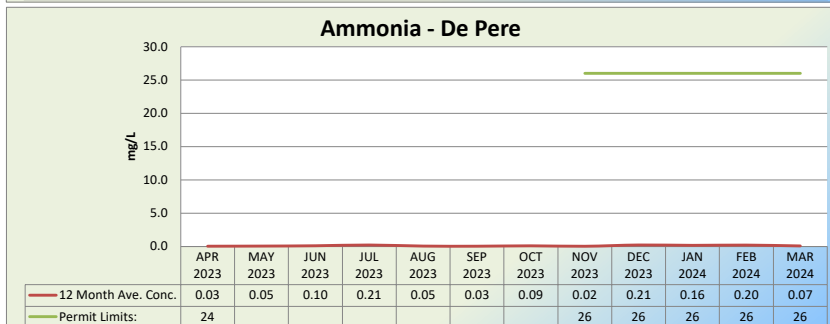
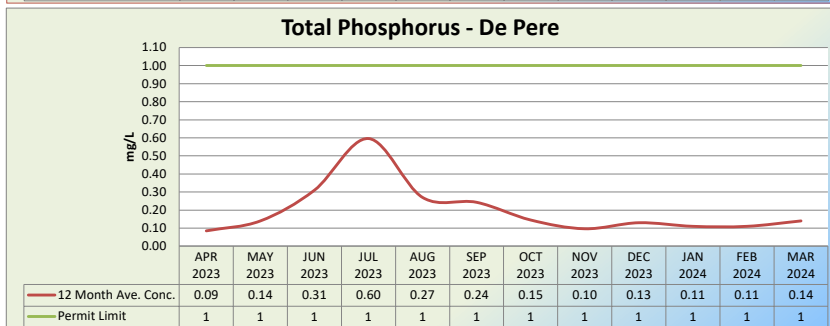
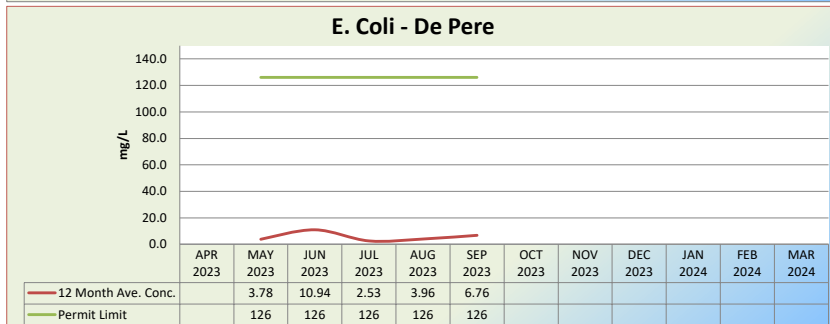
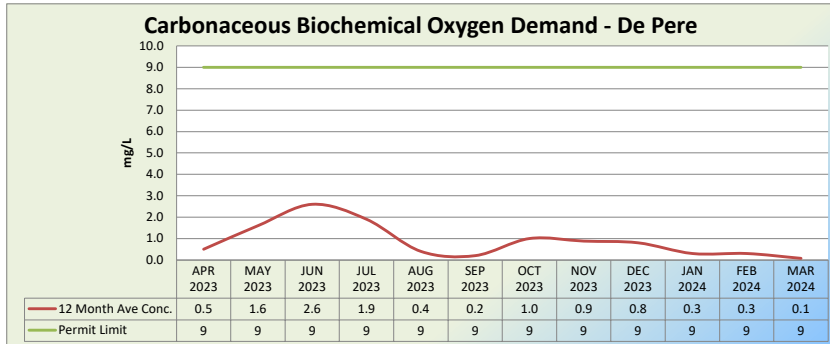
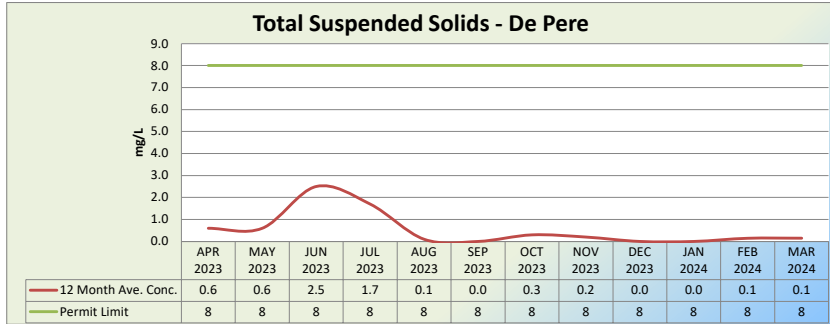
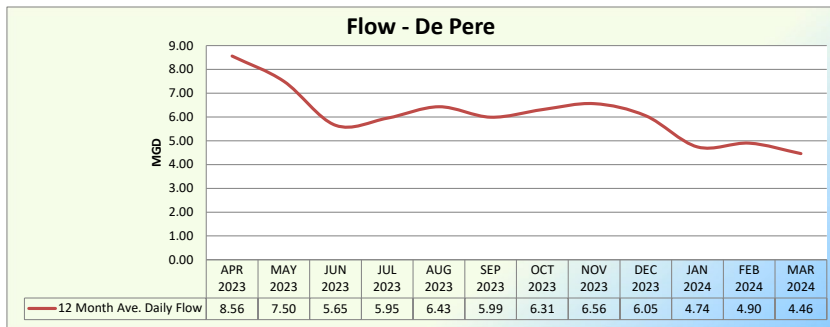


EFFLUENT QUALITY - CURRENT YEAR 2024 NEW WATER (GBMSD) - DE PERE FACILITY													May - October Avg. = 0.6 mg/L				Ammonia Limits																														
													November - April Avg. = 0.6 mg/L				Jan-Mar. Monthly Avg = 26 mg/L Daily Max = 26 mg/L																														
Permit Limits:													8.0 mg/L				N/A				9.0 mg/L				126# / > 410#/100 ml				1.0 mg/L				0.6 mg/L per Six Months					May-Oct Monitor only					Nov-Dec. Monthly Avg. = 26 mg/L Daily Max = 26 mg/L				
	FLOW		TSS			T-BOD			C-BOD			E. Coli		T. PHOSPHORUS (LL)				AMMONIA			TKN																										
MONTH	Million Gallons	MGD	Ave mg/L	Ave #/Day	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month	Monthly Geo Mean	% Exceedance	Ave mg/L	Ave #/Day	Ave mg/l 6 Months	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month																								
JAN	147.036	4.74	0.0	0	0	0.9	36	1,110	0.3	11	347			0.11	4		132	0.16	6	200	1.50	59	1,844																								
FEB	142.159	4.90	0.1	7	194	1.6	66	1,924	0.3	14	396			0.11	4		126	0.20	8	243	1.56	64	1,845																								
MAR	138.148	4.46	0.1	5	152	1.4	54	1,675	0.1	2	67			0.14	5		158	0.07	2	77	1.44	53	1,642																								
APR																0.12																															
MAY																																															
JUN																																															
JUL																																															
AUG																																															
SEP																																															
OCT																																															
NOV																																															
DEC																																															
Average	142.448	4.70	0.1	4	115	1.3	52	1,570	0.2	9	270			0.12	4		138	0.14	5	173	1.50	59	1,777																								
Total	427.344				346			4,709			810						415			520			5,330																								
All time record best(s) ->			0.0	0	0	0.0	0	0	0.0	0	0			0.05	2		75	0.00	0	0	0.85	51	1,586																								

The effluent quality was in compliance with all of the above permit parameters for March 2024

EFFLUENT QUALITY - CURRENT YEAR 2023 NEW WATER (GBMSD) - DE PERE FACILITY													May - October Avg. = 0.6 mg/L				Ammonia Limits																														
													November - April Avg. = 0.6 mg/L				Jan-Mar. Monthly Avg = 26 mg/L Daily Max = 26 mg/L																														
Permit Limits:													8.0 mg/L				N/A				9.0 mg/L				126# / > 410#/100 ml				1.0 mg/L				0.6 mg/L per Six Months					May-Oct Monitor only					Nov-Dec. Monthly Avg. = 26 mg/L Daily Max = 26 mg/L				
	FLOW		TSS			T-BOD			C-BOD			E. Coli		T. PHOSPHORUS				AMMONIA			TKN																										
MONTH	Million Gallons	MGD	Ave mg/L	Ave #/Day	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month	Monthly Geo Mean	% Exceedance	Ave mg/L	Ave #/Day	Ave mg/l 6 Months	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month	Ave mg/L	Ave #/Day	Total #/Month																								
JAN	253.576	8.18	0.4	29	908	3.9	265	8,227	2.9	195	6,058			0.15	10		325	1.15	72	2,242	2.87	189	5,850																								
FEB	212.857	7.60	0.1	8	219	3.6	227	6,344	1.9	121	3,387			0.14	9		256	0.92	54	1,514	2.31	142	3,977																								
MAR	291.703	9.41	0.5	45	1,386	1.0	85	2,636	0.6	49	1,508			0.11	9		272	0.11	10	310	1.29	102	3,169																								
APR	256.814	8.56	0.6	40	1,213	1.4	99	2,778	0.5	37	1,048			0.09	6	0.14	183	0.03	2	59	1.26	87	2,623																								
MAY	232.546	7.50	0.6	38	1,185	2.5	157	4,853	1.6	99	3,079	3.78	0.00	0.14	9		283	0.05	3	92	1.56	97	3,005																								
JUN	169.499	5.65	2.5	107	3,207	4.2	189	5,682	2.6	110	3,288	10.94	0.00	0.31	14		423	0.10	4	119	2.10	96	2,870																								
JUL	184.282	5.95	1.7	79	2,436	3.0	143	4,433	1.9	88	2,743	2.53	0.00	0.60	28		874	0.21	9	292	2.21	107	3,316																								
AUG	199.377	6.43	0.1	4	130	1.3	69	2,138	0.4	19	581	3.96	0.00	0.27	14		433	0.05	3	80	1.58	84	2,608																								
SEP	179.850	5.99	0.0	0	0	1.4	72	2,159	0.2	11	317	6.76	9.10	0.24	12		365	0.03	1	40	1.56	78	2,349																								
OCT	195.525	6.31	0.3	16	497	2.5	134	4,145	1.0	59	1,815			0.15	8	0.28	237	0.09	5	147	1.70	89	2,773																								
NOV	196.765	6.56	0.2	10	305	2.0	108	3,227	0.9	48	1,451			0.10	5		160	0.02	1	37	1.52	83	2,496																								
DEC	187.490	6.05	0.0	0	0	2.2	111	3,446	0.8	40	1,235			0.13	7		210	0.21	11	343	1.75	89	2,752																								
Average	213.357	7.02	0.6	31	957	2.4	138	4,172	1.3	73	2,209			0.20	11		335	0.25	15	440	1.81	104	3,149																								
Total	2,560.283				11,484			50,067			26,511						4,020			5,276			37,788																								
All time record best(s) ->			0.0	0	0	0.0	0	0	0.0	0	0			0.05	2		75	0.00	0	0	0.85	51	1,586																								

The effluent quality was in compliance with all of the above permit parameters for December 2023.



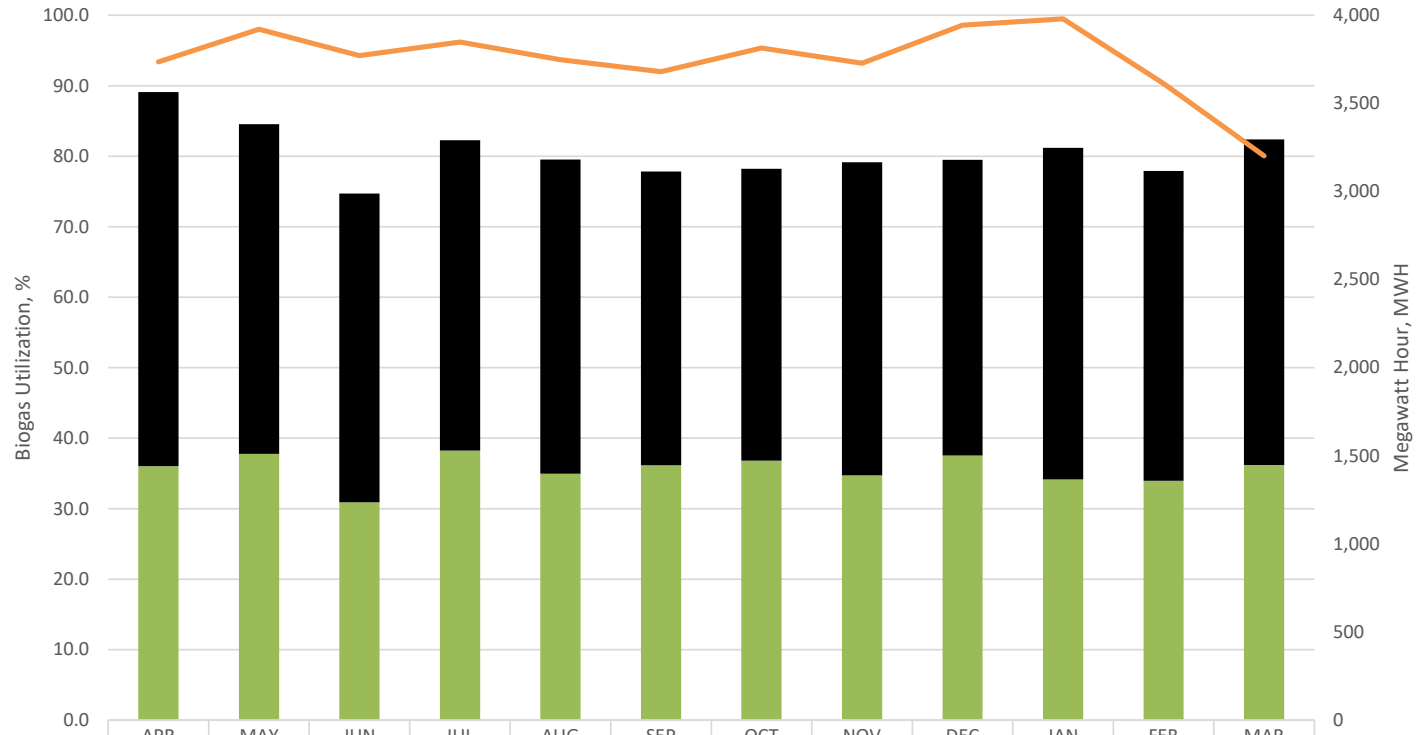
R2E2 ENERGY REPORT GREEN BAY 2024																			
NEW Water (GBMSD) - GREEN BAY FACILITY																			
	Bio-gas Generated					Electricity Used					Natural Gas Used								
	Generators			Flare		Purchased			Generated		Incineration			Heating Boiler		Thermal Oil Boiler		Co-Generation Units	
	Total (CCF)	Total (CCF)	% of Total	Total (CCF)	% of Total	Total (MWH)	Total (MWH)	% of Total	Total (MWH)	% of Total	Total (CCF)	Total (CCF)	% of Total	Total (CCF)	% of Total	Total (CCF)	% of Total	Total (CCF)	% of Total
January	160,402	159,579	99.5	823	0.5	3,248	1,882	57.9	1,366	42.1	149,709	19,681	13.1	105,256	70.3	0	0.0	24,772	16.5
February	179,377	161,946	90.3	17,431	9.7	3,117	1,758	56.4	1,359	43.6	122,088	22,363	18.3	81,328	66.6	2	0.0	18,395	15.1
March	179,769	143,903	80.0	35,866	20.0	3,295	1,847	56.0	1,448	44.0	136,800	19,226	14.1	75,151	54.9	0	0.0	42,423	31.0
April																			
May																			
June																			
July																			
August																			
September																			
October																			
November																			
December																			

	Co-Generation Unit #3 (P-21)							Co-Generation Unit #4 (P-22)							High Strength Waste Received	Struvite Harvested	
	Monthly Run Time (hours)	Total Energy Generated (MWH)	Gas Consumption				Monthly Run Time (hours)	Total Energy Generated (MWH)	Gas Consumption								
			Bio-gas		Natural Gas				Bio-gas		Natural Gas						
			Total (CCF)	% of Total	Total (CCF)	% of Total			Total (CCF)	% of Total	Total (CCF)	% of Total					
January	326	635	82,089	74,517	90.8	7,572	9.2	374	731	102,262	85,062	83.2	17,201	16.8	448,135	0	
February	607	1,181	156,011	145,012	92.9	10,999	7.1	91	178	24,330	16,934	69.6	7,396	30.4	486,344	0	
March	3	5	647	342	52.9	305	47.1	745	1,443	185,679	143,562	77.3	42,118	22.7	351,903	0	
April																	
May																	
June																	
July																	
August																	
September																	
October																	
November																	
December																	

R2E2 ENERGY REPORT GREEN BAY 2023																			
NEW Water (GBMSD) - GREEN BAY FACILITY																			
	Bio-gas Generated					Electricity Used					Natural Gas Used								
	Generators			Flare		Purchased			Generated		Incineration			Heating Boiler		Thermal Oil Boiler		Co-Generation Units	
	Total (CCF)	Total (CCF)	% of Total	Total (CCF)	% of Total	Total (MWH)	Total (MWH)	% of Total	Total (MWH)	% of Total	Total (CCF)	Total (CCF)	% of Total	Total (CCF)	% of Total	Total (CCF)	% of Total	Total (CCF)	% of Total
January	286,570	115,744	40.4	170,826	59.6	3,606	2,910	80.7	696	19.3	158,476	21,359	13.5	134,998	85.2	110	0.1	2,009	1.3
February	196,272	196,272	100.0	0	0.0	3,150	1,839	58.4	1,311	41.6	122,254	15,619	12.8	104,269	85.3	3	0.0	2,363	1.9
March	192,933	191,463	99.2	1,470	0.8	3,616	2,209	61.1	1,407	38.9	136,204	19,956	14.7	103,308	75.8	0	0.0	12,940	9.5
April	227,004	211,956	93.4	15,048	6.6	3,564	2,122	59.5	1,442	40.5	104,832	19,943	19.0	74,607	71.2	0	0.0	10,282	9.8
May	201,638	197,609	98.0	4,030	2.0	3,381	1,870	55.3	1,511	44.7	62,985	14,207	22.6	25,242	40.1	0	0.0	23,536	37.4
June	149,792	141,222	94.3	8,570	5.7	2,989	1,752	58.6	1,237	41.4	53,227	13,796	25.9	12,353	23.2	0	0.0	27,078	50.9
July	167,491	161,103	96.2	6,388	3.8	3,291	1,762	53.5	1,529	46.5	67,313	16,250	24.1	44	0.1	0	0.0	51,019	75.8
August	228,999	214,584	93.7	14,415	6.3	3,181	1,782	56.0	1,398	44.0	24,110	6,999	29.0	234	1.0	1	0.0	16,876	70.0
September	174,080	160,130	92.0	13,950	8.0	3,113	1,667	53.5	1,446	46.5	37,124	24,823	66.9	189	0.5	0	0.0	12,113	32.6
October	201,738	192,383	95.4	9,355	4.6	3,128	1,656	52.9	1,472	47.1	64,529	11,991	18.6	42,014	65.1	375	0.6	10,149	15.7
November	186,820	174,116	93.2	12,704	6.8	3,166	1,777	56.1	1,389	43.9	105,213	24,395	23.2	65,296	62.1	0	0.0	15,522	14.8
December	190,340	187,687	98.6	2,653	1.4	3,180	1,679	52.8	1,501	47.2	123,995	13,357	10.8	86,346	69.6	117	0.1	24,175	19.5

	Co-Generation Unit #3 (P-21)							Co-Generation Unit #4 (P-22)							High Strength Waste Received	Struvite Harvested
	Monthly Run Time (hours)	Total Energy Generated (MWH)	Gas Consumption				Monthly Run Time (hours)	Total Energy Generated (MWH)	Gas Consumption							
			Bio-gas		Natural Gas				Bio-gas		Natural Gas					
			Total (CCF)	% of Total	Total (CCF)	% of Total			Total (CCF)	% of Total	Total (CCF)	% of Total				
January	20	40	5,834	5,735	98.3	99	1.7	338	656	111,919	110,009	98.3	1,910	1.7	1,235,439	0
February	446	868	123,021	121,024	98.4	1,997	1.6	227	443	75,614	75,248	99.5	366	0.5	992,088	0
March	461	897	121,375	112,965	93.1	8,410	6.9	263	510	83,028	78,498	94.5	4,530	5.5	794,641	0
April	307	584	81,747	77,308	94.6	4,439	5.4	441	858	140,491	134,648	95.8	5,843	4.2	1,001,493	0
May	97	185	24,991	22,235	89.0	2,756	11.0	687	1,326	196,153	175,373	89.4	20,780	10.6	1,052,396	0
June	398	753	101,150	90,602	89.6	10,548	10.4	251	484	67,150	50,620	75.4	16,530	24.6	583,283	0
July	0	0	35	0	0.0	35	100.0	785	1,529	212,087	161,103	76.0	50,984	24.0	453,944	0
August	583	999	167,247	157,121	93.9	10,126	6.1	206	399	64,213	57,463	89.5	6,750	10.5	1,164,653	0
September	666	1,401	172,243	160,130	93.0	12,113	7.0	27	46	0	0	0.0	0	0.0	1,013,865	0
October	743	1,472	202,532	192,383	95.0	10,149	5.0	0	0	0	0	0.0	0	0.0	845,328	0
November	713	1,389	189,638	174,116	91.8	15,522	8.2	0	0	0	0	0.0	0	0.0	547,426	0
December	253	493	66,887	61,398	91.8	5,489	8.2	519	1,008	144,975	126,289	87.1	18,686	12.9	465,070	0

GBF Energy Utilization - R2E2



	APR 2023	MAY 2023	JUN 2023	JUL 2023	AUG 2023	SEP 2023	OCT 2023	NOV 2023	DEC 2023	JAN 2024	FEB 2024	MAR 2024
Purchased Electricity, MWH	2,122	1,870	1,752	1,762	1,782	1,667	1,656	1,777	1,679	1,882	1,758	1,847
Generated Electricity, MWH	1,442	1,511	1,237	1,529	1,398	1,446	1,472	1,389	1,501	1,366	1,359	1,448
Biogas Utilized, %	93.4	98.0	94.3	96.2	93.7	92.0	95.4	93.2	98.6	99.5	90.3	80.0

Memorandum

TO: Commissioners

FROM: Tom Sigmund

DATE: April 24, 2024

SUBJECT: April Commission Meeting – Executive Director’s Report

- a) The May Commission meeting will be held on Wednesday, May 22, 2024, beginning at 8:30 a.m. This meeting will be a hybrid meeting, held in person, as well as via Zoom videoconference.
- b) On April 4, 2024, NEW Water hosted a tour of our De Pere Wastewater Treatment Facility for Lake Michigan District members of the Wisconsin Waster Water Operator Association. Roughly 30 professionals from the region attended the tour. On April 11, 2024, NEW Water hosted a Wisconsin Wastewater Operators Association “Operator to Operator” workshop. About 60 wastewater professionals from around the state took tours of both NEW Water’s Green Bay and De Pere Wastewater Treatment Facilities. There were many positive comments from participants of both events.
- c) On March 21, NEW Water held an update meeting with Municipal & Industrial Partners with topics including Project Updates, 2025 budgeting, Clean Water Fund, and Emergency Response Mutual Aid. [See the presentation here.](#)

