

Our intention is to have in-person meetings going forward. We will hold the meetings at 300 Bliss Avenue.
This in-person location will meet the legal requirement for our open meetings.
We will have a virtual option available, but the technology for the hybrid style meeting may not be reliable all of the time.

**City of Stevens Point
Board of Water and Sewerage Commissioners
March 14, 2022 - 12:00 PM**

**Stevens Point Public Utilities
300 Bliss Avenue, Stevens Point, WI**

OR

Zoom Teleconferencing

Meeting URL to connect: <https://us02web.zoom.us/j/82026885705>

Dial in number: (301) 715-8592

Meeting ID: 820 26885705

AGENDA

Discussion and Possible Action on:

1. Roll Call.
2. Approval of Minutes
3. Approval of Department Claims
4. Engineering Scope of Services with Ruekert-Mielke - *Joel Lemke*
5. Water Supply and Distribution Reports - *Eric Southworth*
6. Sewage Treatment Operations Report - *Chris Lefebvre*
7. The award of contract 22-10 Utility Roofing Project, base bids 1 and 2 to Nick Michels & Sons, Inc. of Nekoosa, WI in an amount not to exceed \$295,794.95 including the allowable contingency of 15% - *Joel Lemke*
8. Update and approval on digester #3 cover repair - *Joel Lemke/Chris Lefebvre*
9. Construction and Maintenance Report - *Craig Czaikowski*
10. The award of contract 22-16 Fiber Optic Project. (Information to be provided at the meeting.) - *Joel Lemke*
11. Community Area Network Report - *Joel Lemke*
12. Directors Report - *Joel Lemke*
13. Adjournment.

The next Water and Sewerage Commission meeting will be Monday, April 11, 2022 at noon.

Any person who has special needs while attending this meeting or needing agenda materials for this meeting should contact the Director as soon as possible to ensure a reasonable accommodation can be made. The Director can be reached by telephone at (715) 345-5260, or by mail at 300 Bliss Avenue, P.O. Box 243 Stevens Point, WI.

Copies of resolutions, reports and minutes of the Board of Water & Sewerage Commission Meetings are on file at the Admin Office of the Water & Sewage Departments for inspection during normal business hours from 7:30 A.M. to 4:00 P.M.

**City of Stevens Point
Board of Water and Sewerage Commissioners
February 14, 2022 - 12:00 PM**

**Stevens Point Public Utilities
300 Bliss Avenue, Stevens Point WI 54481**

OR

Zoom Teleconferencing

Meeting URL to connect: <https://us02web.zoom.us/j/82026885705>

Dial in number: (301) 715-8592

Meeting ID: 820 26885705

MINUTES

Discussion and Possible Action on:

1. Roll Call.

PRESENT: Paul Adamski, Carl Rasmussen, Anna Haines, and Ray Schmidt

EXCUSED ABSENCE: Mae Nachman

STAFF PRESENT: Joel Lemke, Chris Lefebvre, Craig Czaikowski, Mary Klesmith, Jason Draheim and Jaime Zdroik

ALSO PRESENT: Dick Packard-resident, Dean Shuda-resident

2. Approval of Minutes

Motion made by Carl Rasmussen, seconded by Ray Schmidt to approve the January 10, 2022 meeting minutes of the Board of Water & Sewerage Commission.

Ayes all. Nays none. Motion carried.

3. Approval of Department Claims

Motion made by Anna Haines, seconded by Carl Rasmussen to approve the department claims for the month of January 2022 as audited and read.

Ayes all. Nays none. Motion carried.

**4. Additions and corrections to Capital Operations and Maintenance Plan -
Joel Lemke**

Joel stated he wrote a memo to clarify some of the items in question that were on the Capital Operations and Maintenance Plan that was approved last month. If the Commissioners approve the changes, he will add/amend the items on the previously approved Capital Operations and Maintenance Plan.

Vac-truck purchase:

The vac-truck was listed with purchase price of \$450,000 with a trade-in of \$125,000.00. The total equipment purchase is \$513,390.00. We currently have two vac trucks. The newest one is used on the WWTP side of things and the newer one will get recycled down to Stormwater Utility, then the Stormwater Utility pays WWTP for the newer equipment. The Stormwater vac-truck will be traded in, so what they pay WWTP for the newer vac-truck is the difference between the market value of the new truck and the trade-in. So there's a net cost to the Stormwater Utility of \$115,000 and the WWTP expense is \$273,390.00.

Drainage pump replacement:

This is a new item to add to the Capital Operations and Maintenance Plan. The drainage pump that failed was part of the 1992 plant upgrade. The failed pump was inspected by Flygt and they determined that it needs a complete rebuild or replaced. The cost to rebuild the pump was \$8,027 and the price for a brand new pump was \$10,680. Staff does not feel rebuilding a 30 year old pump is a wise investment. Therefore they are requesting approval to purchase a replacement for a total of \$10,680.

Metering pilot projects:

The utility would like to pilot two or three different technologies for metering. The cost of performing these pilots could range from \$20,000 to \$30,000. We are currently using an AMR system. The new system is an AMI System. Meters would then be read all of the time, instead of every three months, and either staff or customers could see readings/usage etc to keep track of consumption. The pilot would last about a year so we can get through a few billing cycles. The Commission asked how we'd determine which residents would be in the pilot program. Joel explained we'd probably choose homes at the perimeter of the City, the farthest away from the collector unit. That way we'd know the distance we can get away from the unit and still get readings. The Commission wanted to know if it is common for utilities to change meters/meter reading systems approximately every 20 years. Joel said we've changed meter types several times. The most consistent meter type used is Neptune. We would not be changing all meters at one time, it would be over a period of time. We exchange residential meters every 10 years, so approximately 10% of our meters every year.

Motion made by Carl Rasmussen, seconded by Anna Haines to add these three items to the Capital Operations and Maintenance Plan.

Ayes all. Nays none. Motion carried.

5. Summary of Stormwater Utility funds used for street tree and street sweeping efforts - Joel Lemke

Joel provided the Commission with the annual report of Stormwater Utility funds provided to other departments that are relevant to stormwater management.

Parks – Street Trees from 2013 – 2021: Total deposits were \$210,000, Total Expenses were \$199,479.20, Balance is \$10,520.80.

The Stormwater Utility also pays invoices on behalf of the Parks Department for activities that are relevant to street trees. The annual contribution to these efforts is \$25,000.

Streets- Street Sweeping from 2013 to 2021: Total deposits were \$640,000. The money for street sweeping is paid annually to the City. The annual amount is currently \$70,000.

Joel explained that street sweeping is important because it gets the pollutants off the roads. This benefits the Stormwater Utility in regard to being able to meet our permit requirements for the DNR. The Commissioners would like to know what the total amount is that is spent on street sweeping by Public Works. He also explained that the trees planted in the right-of-way help control rainfall by not overloading the system and maintaining water quality.

6. Water Supply and Distribution Reports - *Eric Southworth*

Eric stated usage is up for January. This is due to the paper mill using more water. We received a couple of quotes for the air mixer. So Joel and Eric will be going over those to determine who will be installing the air mixer. They are also working on year-end information for Mary because the auditors will be here in March. The contractor is onsite today for test Well 12. They are hoping to start drilling tomorrow.

Joel also pointed out the new spreadsheet showing Well 11 pumpage history. As part of our agreement with the Town of Hull, we have to show them we aren't varying from the 2,000 gpm limit. This report will be included in the monthly packet so it is easily accessible by everyone who needs it.

Paul Adamski invited others in attendance to speak in regards to the test well drilling for Well 12. No one wished to address the Commission.

7. Sewage Treatment Operations Report - *Chris Lefebvre*

Chris stated the WWTP met all permit requirements for the month of January. The phosphorus levels in January were the best they have been since he started working here. Andritz our dryer company is onsite to do some investigation and warranty repair on the biosolids dryer. They are hoping to have repairs done and start testing tomorrow. Then start running it again.

The Stormwater crew hauled biosolids for them while the dryer was not working. Ray asked if we could have done land application. Chris said it depends on the time of year but because the ground is frozen we could not do that this time. Joel stated if dryer is working there is no need for hauling biosolids or land application.

8. Construction and Maintenance Report - *Craig Czaikowski*

Craig stated we had one crew member helping out the WWTP hauling biosolids. The crew is finishing up hydrant maintenance for the year and watching the frost levels.

9. Community Area Network Report - *Joel Lemke*

Joel stated last Monday they took to Plan Commission an easement to assist us in having the path needed to extend conduit and fiber from the Plover Municipal Building

to the Portage County Highway Facility. This was approved. This project will be awarded in spring.

10. Directors Report - Joel Lemke

Joel stated the test well company on site on Ridge Court. We are in the process of hiring a Utility Operator and Equipment Operator. We are reviewing applications.

Joel stated there was an article in the news on the Wausau PFAS levels being under the EPA level requirement and above what the DNR is going to propose in the future. Those numbers are 20ppt and 70ppt so Wausau had samples had results between those two. This was voluntary testing as requested by the DNR. We are in the UCMR 5 list, unregulated contaminant testing that the EPA puts out every three years. The EPA picks a new panel of constituents. They pick 20 or 30 PFAS to test for starting in 2023 and to be completed by 2025. A lot of communities in our area will be doing this. We had no detect the last time we tested for this.

11. Adjournment.

Motion made by Ray Schmidt to adjourn the meeting.

Ayes all. Nays none. Motion carried.

Meeting Adjourned: 12:44pm

REPORT TO THE MARCH 14TH, 2022
MEETING OF THE BOARD OF WATER AND SEWERAGE COMMISSIONERS

WATER DEPARTMENT

FINANCES:

Bank balance as of February 1, 2022

\$ 3,436,784.19

Bank deposits recorded in February 2022

\$ 315,280.14

\$ 3,752,064.33

CHECKS ISSUED FEBRUARY 2022:

56351	Mae Nachman	Salaries	55.70
56352	Community Foundation of Central WI	Employee Contribution	10.00
56353	United Way Of Portage County	United Way	23.00
56354	Central Door Solutions, LLC	Gate Repair - Utility Garage	120.00
56355	Chet's Plumbing	Heater Repairs Well 11	2,025.00
56356	Scott Gulan	Refund Check 032751-000, 1140 MAIN ST	237.84
56358	Petty Cash	Shipping samples, Certified YE mailing to IRS	8.80
56358	Petty Cash	Shipping Charges	28.78
56359	Point EyeCare Services	Refund Check 000105-000, 2212 Division St.	34.42
56360	Spectra Print	Delinquent Notice-Printing & Postage	358.48
56361	Kaite Youngberg	Refund Check 028600-000, 924 Songbird Ln Unit C6	57.71
56362	Advance Auto Parts	Supplies	18.44
56363	AFLAC	Insurance Premiums	26.50
56365	American Engineering Testing, Inc.	2022 Engineering Costs for Street Improvement Projects	3,400.00
56366	AnSer	After hours answering service	110.00
56367	AT&T	Phone charges	92.99
56368	AT&T	Phone charges-Utility Garage	149.19
56369	Baker Tilly Virchow Krause LLP	2021 Audit Charges	794.87
56370	CDW Government	Update network diagrams cut over Wastewater phone lines	150.00
56371	Central Door Solutions, LLC	Overhead Door Repairs	185.00
56373	Diggers Hotline Inc	Diggers Hotline Pre-payments	3,774.94
56375	Ferguson Waterworks #1476	Meter gaskets	8,071.34
56376	Franks Hardware Co Inc	Supplies	364.59
56377	H&S Protection Systems Inc	Annual Alarm Monitoring Service - Cypress St. Utility Garage	680.52
56379	Kaeser Compressors Inc	Well 11 - Compressor Supplies	921.34
56380	NAPA	Supplies	38.75
56380	NAPA	Supplies	21.05
56381	NCL of Wisconsin Inc	Lab supplies	34.63
56384	Smith Filter Corp	Replacement Furnace Filters	986.11
56385	Springbrook Holding Company LLC	Civic Pay - monthly transaction fee	1,019.00
56386	Strand Associates Inc	November Well 12 Professional Services	1,825.61
56389	WI State Laboratory of Hygiene	Fluoride samples	26.00
56390	Community Foundation of Central WI	Employee Contribution	10.00
56391	United Way Of Portage County	United Way	23.00
56393	Aramark	Rug Services	30.27
56394	AT&T	Phone Charges	680.06
56397	Candlewood Properties LLC	Refund Check 033857-000, 1216C North Point Dr.	112.50
56398	Carlson Maint & Mgmt	Refund Check 003858-000, 2158 Madison St.	214.91
56400	Core & Main LP	2 -2" Meters	1,182.00
56400	Core & Main LP	2 -2" Meters	35.58
56403	Donna's Cleaning Service	Cleaning Service - Utility Garage	300.00
56404	Ferguson Waterworks #1476	Meter parts	10,974.50

56408	SHF Services LLC Heidi Mancheski	Refund Check 037931-000, 1733 Spruce St.	36.46	
56409	Idexx Laboratories Inc	Lab supplies	200.20	
56410	Infosend Inc	Statement printing & postage	1,615.36	
56413	Northern Lake Services Inc	Nitrate samples	42.05	
56414	Mastercard	Sandblasting supplies, Domain name renewal & ear buds, Conference expenses, Christmas/retirement party	832.78	
56415	Staples Credit Plan	Cleaning & office supplies	295.54	
56416	Teamsters Union Local 662	Union dues	1,580.00	
56417	Mastercard	Flashlights	116.80	
56417	Mastercard	Training & flashlights	209.15	
56418	US Postmaster	20 rolls of stamps	1,160.00	
56419	Department of Natural Resources	DNR Operator Cert Exam Fees for Nathan Smolarek & Brandon Wiza	100.00	
56420	AFLAC	Insurance Premiums	26.50	
56422	Bauernfeind Business Technologies	Quarterly Copier Maintenance Agreement	134.82	
56423	City Of Stevens Point	Workers Comp Premiums	1,341.57	
56425	Decker Supply Co Inc.	Trailer mounted arrow board	1,583.34	
56427	Ferguson Waterworks #1476	1" meter gaskets	49.28	
56430	Heartland Business Systems, LLC	Monthly Managed Services	214.31	
56431	Lou's Gloves	Disposable gloves	836.00	
56432	Multi Media Channels, LLC	Ad for patching bid	64.00	
56434	Rasmussen Plumbing & Heating	Diagnose & repair transformers	155.15	
56435	Seiler Instrument & Mfg	GPS Software & Maintenance Agreement	1,245.20	
56436	Spectra Print	Disconnection Notices - Printing & Postage	187.62	
56437	Strand Associates Inc	Well 12 Professional Services	4,945.20	
56438	Mastercard	Conference Expenses	895.00	
56439	USA Blue Book	Chemical - hydrochloric acid	268.71	
	WPS	Utility Charges	22,782.70	
	Payroll	February Payroll	34,840.39	
	IRS PR Tax	Payroll Taxes - Federal	31,105.34	
	DOR PR Tax	Payroll Taxes - State	6,796.88	
	Verizon Cell & iPad Charges	Phone & iPad Charges	494.65	
	DOR Garnishment	Garnishment	9.05	
	HRA Admin Fees	Admin Fees	92.25	153,469.72
	TOTAL EXPENSES LISTED		\$ 153,469.72	\$ 3,598,594.61
	BALANCE ON HAND FEBRUARY 28, 2022			
		Balance on Hand		\$ 3,598,594.61
		Plus uncleared checks		\$ 8,107.49
		Less checks previously written clearing this month		\$ (59,492.53)
		Ending Cash Balance matching Bank		\$ 3,547,209.57
		Less Restricted Funds		\$ (1,780,556.12)

REPORT TO THE MARCH, 2022
MEETING OF THE BOARD OF WATER AND SEWERAGE COMMISSIONERS
SEWAGE DEPARTMENT

FINANCES:

Bank Balance as of February 1, 2022
Bank Deposits recorded in February 2022

\$	6,917,303.56
\$	288,774.04
\$	7,206,077.60

CHECKS ISSUED IN FEBRUARY 2022:

56356	Scott Gulan	Refund Check 032751-000, 1140 Main St.	452.82
56359	Point EyeCare Services	Refund Check 000105-000, 2212 Division St.	62.89
56361	Kaite Youngberg	Refund Check 028600-000, 924 Songbird Ln Unit C6	57.10
56365	American Engineering Testing, Inc.	2022 Engineering Costs for Street Improvement	3,400.00
56397	Candlewood Properties LLC	Refund Check 033857-000, 1216C North Point Drive	152.29
56398	Carlson Maint & Mgmt	Refund Check 003858-000, 2158 Madison St.	257.38
56408	SHF Services LLC Heidi Mancheski	Refund Check 037931-000, 1733 Spruce St.	29.84
56357	NCL of Wisconsin Inc	Lab supplies	304.27
56358	Petty Cash	EE Anniversary Gift	45.91
56364	Airgas USA, LLC	Nitrogen	933.72
56368	AT&T	Phone charges-Utility Garage	149.18
56369	Baker Tilly Virchow Krause LLP	2021 Audit Charges	794.87
56370	CDW Government	Update network diagrams cut over Wastewater phone lines	1,080.00
56373	Diggers Hotline Inc	January Diggers Hotline Charges	943.73
56374	Endress & Hauser Inc.	Part	361.81
56376	Franks Hardware Co Inc	Supplies	35.50
56381	NCL of Wisconsin Inc	Lab supplies	771.26
56382	PBBS Equipment Corp	Trouble shoot blower motor	198.00
56387	UW Stevens Point	Intern wages	1,292.40
56388	Werner Electric Supply	Fuses	246.30
56392	Advanced Disposal Services	Sludge hauling	6,217.74
56393	Aramark	Rug Services	181.18
56394	AT&T	Phone Charges	980.60
56395	Batteries Plus	Battery	40.00
56399	Cooper Oil Company Inc	Fuel	8.62
56402	Department of Natural Resources	Advanced Operator Certification Fee - Michael Federwitz	100.00
56403	Donna's Cleaning Service	Cleaning Service - Utility Garage	25.00
56405	Gasvoda & Associates, Inc.	Cutters & impeller	7,296.23
56406	Generations Concrete Inc.	Ground Thawing Charges	1,047.35
56407	Grainger	Rubber cord	90.41
56411	Marathon County Treasurer/Solid Waste	Sludge hauling	6,342.47
56412	NAPA	Brake Cleaner	28.45
56414	Mastercard	Plastic liner for sludge hauling, domain name renewal	959.58
56415	Staples Credit Plan	Televising cables	158.95
56417	Mastercard	Supplies, convention expense	452.08
56421	Badger Heating & Air Conditioning	Furnace Repairs	783.16
56423	City Of Stevens Point	Workers Comp Premiums	766.76
56424	Cooper Oil Company Inc	Flushing Oil	143.55
56425	Decker Supply Co Inc.	Trailer mounted arrow board	1,583.33
56426	Fastenal Company	Socket	43.51
56428	Hach Company	Lab supplies	953.39
56429	Hawkins Inc	Chemical-Azone	418.95
56430	Heartland Business Systems, LLC	Monthly Managed Services	214.30
56432	Multi Media Channels, LLC	Ad for patching bid	64.00
56433	NCL of Wisconsin Inc	Lab supplies	1,161.83
56438	Mastercard	Conference Expenses	316.55
	HRA Admin Fees	HRA Admin Fees	27.75
	Portion of Operating Costs	Operating Costs	41,208.15

Inventory	Inventory Used	284.87	
Verizon Charges	Verizon Charges	271.59	
WPS Utility Charges	Gas & Electric	4,737.25	
Sewer Payroll	Payroll	46,463.03	
Payroll Taxes	Payroll Taxes	3,131.48	
TOTAL OF EXPENSES LISTED		\$ 138,071.38	\$ 138,071.38
BALANCE ON HAND FEBRUARY 28, 2022			\$ 7,068,006.22
	Balance on Hand		\$ 7,068,006.22
	Plus uncleared checks		\$ 9,844.94
	Less checks previously written clearing this month		\$ (34,267.26)
	Ending Cash Balance matching Bank Statements		\$ 7,043,583.90
		Less Restricted Balance	\$ (3,006,415.34)
		TOTAL	\$ 4,037,168.56

***Additional restricted cash of \$250,000.00 is invested in CDs.

REPORT TO THE MARCH 2022
MEETING OF THE BOARD OF WATER AND SEWERAGE COMMISSIONERS

STORM WATER/FIBER DEPARTMENT

FINANCES:

Bank balance as of February 1, 2022

\$ 2,953,667.00

Bank deposits recorded in February 2022

\$ 81,177.57

\$ 3,034,844.57

CHECKS ISSUED FEBRUARY 2022:

56356	Scott Gulan	Refund Check 032751-000, 1140 MAIN ST	18.59
56358	Petty Cash	Certified YE mailing to IRS, Shipping charges-samples, EE Anniversary Gift	5.91
56359	Point EyeCare Services	Refund Check 000105-000, 2212 DIVISION ST	14.95
56365	American Engineering Testing, Inc.	2022 Engineering Costs for Street Improvement Proj	3,400.00
56368	AT&T	Phone charges-Utility Garage	149.18
56369	Baker Tilly Virchow Krause LLP	2021 Audit Charges	794.87
56373	Diggers Hotline Inc	Diggers Hotline Pre-payments, January Diggers Hotline Charges	943.73
56376	Franks Hardware Co Inc	Supplies	156.37
56378	John Fabick Tractor Co	Replacement battery - Tractor #13	284.26
56380	NAPA	Supplies	176.21
56383	Jason Pliska	Uniform Reimbursement - jeans	168.77
56396	Michael Brill	Refund Check 025393-000, 823 SECOND ST	20.00
56401	Cummins Sales & Service	Generator Repairs	1,195.72
56403	Donna's Cleaning Service	Cleaning Service - Utility Garage	25.00
56408	SHF Services LLC-Heidi Mancheski	Refund Check 037931-000, 1733 SPRUCE ST	14.84
56414	Mastercard	Domain name renewal	63.32
56417	Mastercard	Supplies	217.66
56423	City Of Stevens Point	Workers Comp Premiums	512.71
56425	Decker Supply Co Inc.	Trailer mounted arrow board	1,583.33
56430	Heartland Business Systems, LLC	Monthly Managed Services	214.30
56432	Multi Media Channels, LLC	Ad for patching bid	64.00
	Shared Operating Costs	Shared Operating Costs	23,556.95
	Inventory	Inventory Used	11,287.45
	Verizon	Ipad & cell phone charges	404.97
	Payroll	Payroll	22,234.25
	IRS	Payroll Taxes	1,871.58
	WPS	Monthly Utility Charges	1,027.61
TOTAL OF EXPENSES LISTED			\$ 70,406.53
BALANCE ON HAND FEBRUARY 28, 2022			\$ 70,406.53
			\$ 2,964,438.04

Balance on Hand	\$ 2,964,438.04
Plus checks written after the end of this month	
Plus uncleared checks	\$ 292.45
Less checks previously written clearing this month	\$ (12,394.76)
Ending Cash Balance matching Bank Statements	\$ 2,952,335.73



March 9, 2022

TO: Water and Sewerage Commission
RE: Preparation for Task Order #6, East Park Commerce Center

Commissioners,

Over that past several years, the City has completed five task orders for consulting services related to the improvements in East Park Commerce Center (EPCC). All of these phases have gone well, and we are preparing to construct another road and utility extension on E.M. Copps Drive this summer. Those design and construction costs are covered by the City through the tax increment district (TID) that covers EPCC.

In order to be prepared for the next phases of the development in EPCC, we have asked Ruekert-Mielke to prepare a list of services for the most likely up-coming efforts. This list contains two items that are specific to the Water Department, and are outside of the scope of services for the City to cover payment on.

On the pages to follow you will find:

- A summary of those different items with related costs
- A Map showing the approximate area related to each scope item
- A detailed description of the proposed scope items for reference.

Defining these items now, and getting approval to issue task orders associated with them, will allow us to continue moving toward development of the EPCC quickly and efficiently. As we have seen in the past, these services are needed very quick once a development opportunity has presented itself.

Two items in this scope that are needing approval have to do with a "Water System Model Update" as well as a "Water System Study." Combined, these two efforts will determine how and where to create a second pressure zone in the City, and where to potentially site a new water tower.

Staff respectfully requests permission to issue task orders, as needed, in an amount that is not to exceed \$33,600 for engineering related services in East Park Commerce Center.

We look forward to discussion at the meeting. If you should have questions or concerns, please feel to reach out prior to the meeting as well.

Sincerely,

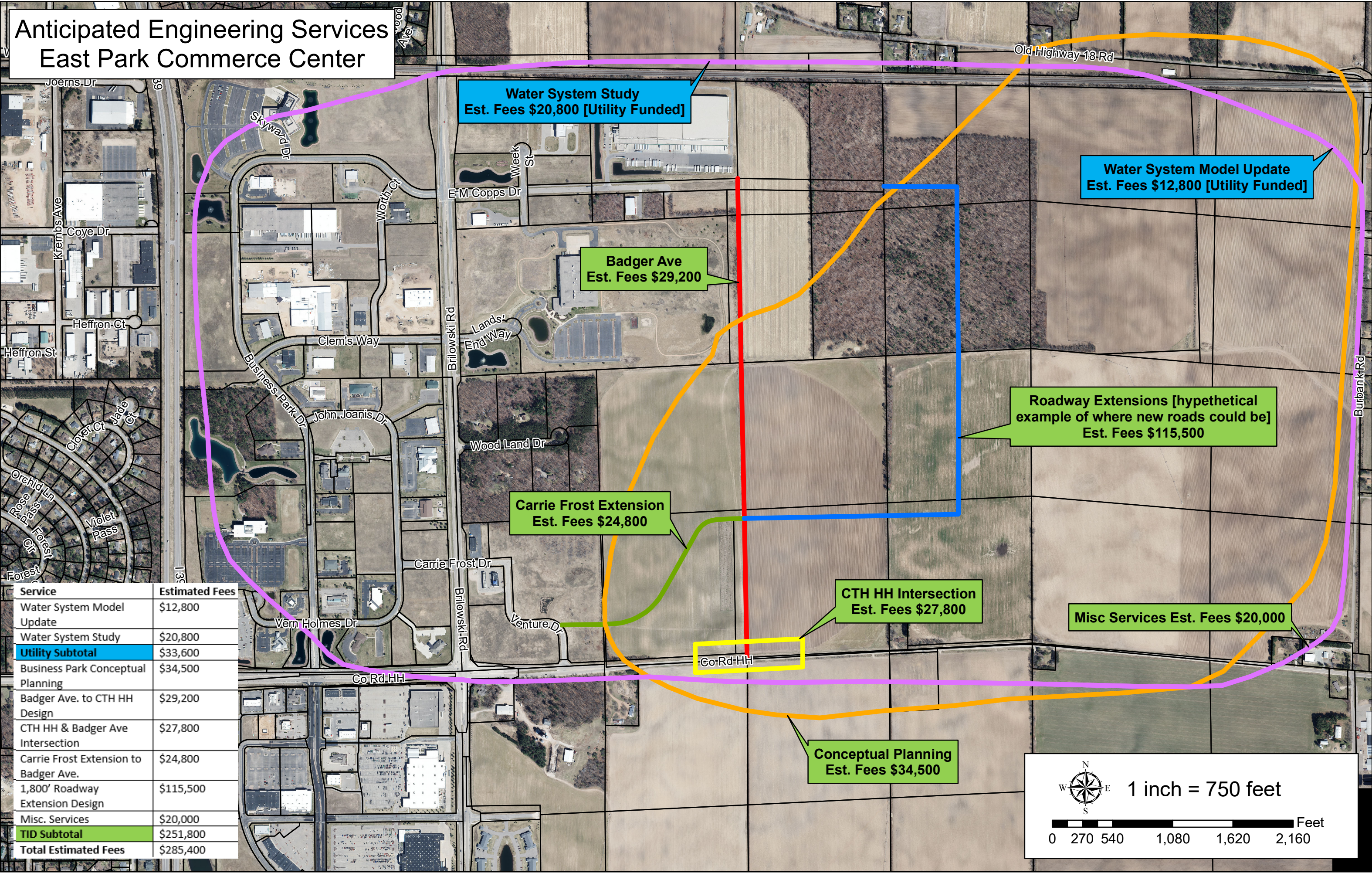
Joel Lemke
Director of Public Utilities

The following items make up the proposed projects that can be selected from to issue future task orders to the Agreement with Ruekert-Mielke for the East Park Commerce Center Project. This same chart appears in the proposal from Ruekert-Mielke which is attached.

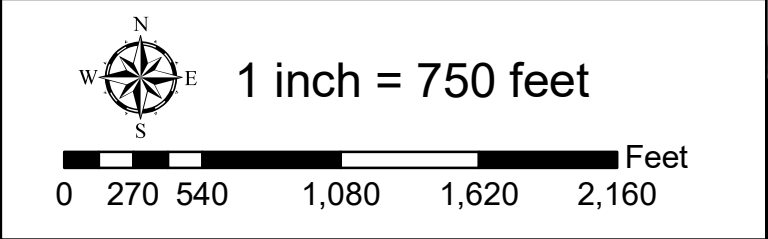
<i>Project Name</i>	<i>Estimated Fee</i>	
Business Park Conceptual Planning	\$34,500	
Water System Model Update	\$12,800	*
Water System Study	\$20,800	*
Badger Ave. To CTH HH Design	\$29,200	
CTH HH & Badger Ave. Intersection	\$27,800	
Carrie Frost Extension to Badger Ave.	\$24,800	
1,800' Roadway Extension Design	\$115,500	
Miscellaneous Services	\$20,000	
Total	\$285,400	

* Indicates projects paid for by Utility Department

Anticipated Engineering Services East Park Commerce Center



Service	Estimated Fees
Water System Model Update	\$12,800
Water System Study	\$20,800
Utility Subtotal	\$33,600
Business Park Conceptual Planning	\$34,500
Badger Ave. to CTH HH Design	\$29,200
CTH HH & Badger Ave Intersection	\$27,800
Carrie Frost Extension to Badger Ave.	\$24,800
1,800' Roadway Extension Design	\$115,500
Misc. Services	\$20,000
TID Subtotal	\$251,800
Total Estimated Fees	\$285,400



MEMO

TO: City of Stevens Point

FROM: Kevin J. Wagner, P.E.
Andy W. Burt, P.E.

DATE: March 1, 2022

SUBJECT: East Park Commerce Center
Master Planning, Water Modeling, Water Study, and Infrastructure Improvements

This memorandum serves as a summary of recent meetings between City staff and Ruekert & Mielke, Inc. (R/M) regarding the growth and expansion of the East Park Commerce Center (EPCC). It outlines some of the anticipated work necessary to allow the City to be prepared, yet flexible to accommodate various development interests within EPCC.

Projects Summary

- A. Infrastructure master planning including proposed roads, sanitary sewer, water main, storm water management, street lighting; construction cost opinions; and engineering design estimates. This item also includes conceptual planning of siderail and rail spur into business park.
- B. Update to water system model to add improvements since last model update.
- C. Water system study including establishment of a new pressure zone, new elevated storage tank, and master planning for water distribution improvements within East Park Commerce Center.
- D. Extension of Badger Avenue from E.M. Copps to the CTH HH right-of-way including street, storm water, and utility improvements.
- E. New intersection at Badger Avenue and CTH HH to provide prime entrance into EPCC. Intersection based on the 2030 Likely Buildout Scenario as described in Chapter V of the Traffic Impact Study dated February 15, 2018.
- F. Extension of Carrie Frost Drive from Vetter Drive to Badger Avenue including street, storm water, and utility improvements.
- G. 1,800 feet of additional street and utility improvements within EPCC. Location of proposed infrastructure to be determined based on need and interest by developers.
- H. Miscellaneous services such as streetscaping, landscaping, grading, construction staking, or construction observation.

Detailed Project Scope

- A. Business Park Overall Concept Plan
 - 1. Concept Plan Development
 - a. Design and develop alternative concept plans for road layout in park. (Assume 2 layouts)
 - b. Meeting with City staff to review alternative concepts and decide on preferred layout.
 - c. Refine chosen alternative. Prepare exhibit.
 - 2. Design and develop conceptual water distribution system. Prepare exhibit.
 - 3. Design and develop conceptual sanitary sewer collection system. Prepare exhibit.
 - 4. Design and develop conceptual storm sewer and BMP. Prepare exhibit.
 - 5. Design and develop conceptual street lighting and fiber network. Prepare exhibit.
 - 6. Railroad Track Concept Plan Development (Via Rail)
 - a. Meeting to review prior conceptual track layout and discuss future needs
 - b. Design and develop updated conceptual track layout iterations (assume 2 layouts)

- c. Coordination and refinement of track layout iterations
- d. Finalize and prepare preferred track layout and cost estimate
7. Prepare opinions of probable project costs (construction and engineering)

B. Water Model Update

1. Project coordination
2. Update water mains in the model based on existing geodatabase information
3. Update valves, hydrants, and tanks based on existing geodatabase information
4. Review supply sources and verify in model
5. Assign elevations system wide using 1' contour data provided by City
6. Obtain and review customer consumption records from the Utility
7. Utilize GIS to link consumption data to spatial references
8. Transfer consumption data to demand nodes in the model
9. Utilizing PSC annual report data allocate distribution system water losses and non-revenue water
10. Apply factors for minimum day, maximum day, and peak hour demand.
11. Obtain and review historic tank and pump data from City for use in verifying extended period simulation scenarios
12. Obtain and verify system control setpoints and update if necessary
13. Update and verify average day, maximum day, and peak hour demand steady state scenarios
14. Update and verify average day and maximum day demand extended period simulation scenarios
15. Update and verify average day, maximum day, and minimum day demand water age scenarios

C. Water System Study (Pressure Zone, Elevated Tower, Master Plan)

1. Project coordination
2. Collect background data to obtain information regarding existing water system facilities, service area, and community development
3. Review available planning information regarding future community growth and development including the location, type and density of anticipated growth, (i.e., low density residential, high density residential, commercial, institutional, etc.) and population projections from the City.
4. Meet (virtual) with City staff to discuss and achieve consensus on the projected growth over the planning period
5. Prepare a report section on population and community growth.
6. Characterize historical water demands by type (residential, commercial, industrial, public). Summarize this information in the format of tables and graphs to illustrate key characteristics of historical water demands.
7. Establish unit demands for future water use for different categories of users based upon the best available data (i.e., per capita, per lot, per acre, per service connection, etc.).
8. Meet (virtual) with City staff to discuss the potential impact of both existing and future high volume water customers. Establish a consensus as to the high-volume user forecast methodology.
9. Perform a summary of historical non-revenue and unaccounted for water (UFW) and provide an opinion on acceptable levels of water loss.
10. Establish maximum day and peak hour ratios to be used for water requirement projections. The maximum day water demand ratio will be established based on a historical analysis of average and maximum water demands. Peak hour demand fluctuations will be estimated utilizing typical demand ratios.

11. Project future water consumption and pumpage. These projections will be made based on results of the service area planning, and the future land use throughout the service area to be provided with water over the planning period.
12. Prepare a draft study report chapter summarizing the water requirements and discuss the requirements with City staff.
13. Perform a desktop supply storage analysis to determine the design optimum water storage capacity on the basis of meeting minimum required water supply capacity for existing and future water requirements for the study area.
14. Prepare a future study area plan that defines the recommended location and sizing of future water transmission mains, supply, and storage facilities.
15. Identify capital costs of needed improvements.
16. Prepare report summarizing the recommended water system improvements.
17. Conduct a workshop (in person) with City staff to present the proposed water system improvements, and solicit their input on the recommended improvements
18. Modify the report sections based on comments from City staff.
19. Prepare Final Report

D. Badger Avenue to CTH HH (Excludes CTH HH Intersection)

1. Design 60%-100%
 - a. Project Administration/Coordination
 - b. Coordination with Utilities (Gas, Electric, Phone, CATV)
 - c. Finalize Design and Prepare Final Storm Sewer and Roadway Plan and Profiles (Assume 9 Sheets)
 - d. Finalize Design and Prepare Final Sanitary Sewer and Water Main Plan and Profiles (Assume 7 Sheets)
 - e. Finalize Stormwater/Drainage Analysis, Basin Design and SWMR
 - f. Design and Prepare Erosion Control Drawings and Notes
 - g. Prepare Cross Sections
 - h. Intersection Design and Prepare Intersection Drawings (2 Intersections)
 - i. Prepare Signage and Pavement Marking Plan
 - j. Prepare Street Lighting and Telecommunications Plan
 - k. Prepare Cover Page, General Notes, and Details
 - l. Quantities and Opinion of Probable Construction Cost
 - m. Specifications - Legal and Procedural
 - n. Specifications - Technical
 - o. 60% and 90% Plan Review Meetings
2. Permits and Approvals
 - a. Sanitary Sewer Extension
 - b. Water Main Extension
 - c. Stormwater (WDNR NOI)
3. Bidding & Construction Phase Assistance
 - a. General Coordination with City
 - b. General Coordination with Potential Bidders
 - c. Issue Notice of Award to Contractor
 - d. Facilitate Contract Execution
 - e. Issue Notice to Proceed
 - f. Shop Drawing Review and Update Submittal Log
 - g. Technical Support and Administration
 - h. Progress Meetings (Assume 4 Virtual Meetings)

E. CTH HH & Badger Avenue Intersection

1. Design (25% - 100%) (2030 Likely Buildout Scenario)
 - a. Project Administration/Coordination
 - b. Coordination with Village of Plover and Portage County
 - c. Coordination with Utilities (Gas, Electric, Phone, CATV)
 - d. Design and Prepare Intersection Plan
 - e. Stormwater/Drainage Analysis, Basin Design and SWMR
 - f. Design and Prepare Erosion Control Drawings and Notes
 - g. Prepare Cross Sections
 - h. Intersection Spot Grade Design and Prepare Intersection Drawings
 - i. Prepare Signage and Pavement Marking Plan
 - j. Prepare Street Lighting and Telecommunications Plan
 - k. Prepare Cover Page, General Notes, and Details
 - l. Quantities and Opinion of Probable Construction Cost
 - m. Specifications - Legal and Procedural
 - n. Specifications - Technical
 - o. 60% and 90% Plan Review Meetings
2. Permits and Approvals
 - a. Stormwater (WDNR NOI)
 - b. Portage County
3. Bidding & Construction Phase Assistance
 - a. General Coordination with City and County
 - b. General Coordination with Potential Bidders
 - c. Issue Notice of Award to Contractor
 - d. Facilitate Contract Execution
 - e. Issue Notice to Proceed
 - f. Shop Drawing Review and Update Submittal Log
 - g. Technical Support and Administration
 - h. Progress Meetings (Assume 4 Virtual Meetings)

F. Carrie Frost Extension to Badger Avenue

1. Design (60% - 100%)
 - a. Project Administration/Coordination
 - b. Coordination with Utilities (Gas, Electric, Phone, CATV)
 - c. Finalize Design and Prepare Final Storm Sewer and Roadway Plan and Profiles (Assume 5 Sheets)
 - d. Finalize Design and Prepare Final Sanitary Sewer and Water Main Plan and Profiles (Assume 5 Sheets)
 - e. Finalize Stormwater/Drainage Analysis, Basin Design and SWMR
 - f. Design and Prepare Erosion Control Drawings and Notes
 - g. Prepare Cross Sections
 - h. Intersection Design and Prepare Intersection Drawings (1 Intersections)
 - i. Prepare Signage and Pavement Marking Plan
 - j. Prepare Street Lighting and Telecommunications Plan
 - k. Prepare Cover Page, General Notes, and Details
 - l. Quantities and Opinion of Probable Construction Cost
 - m. Specifications - Legal and Procedural
 - n. Specifications - Technical
 - o. 60% and 90% Plan Review Meetings

2. Permits and Approvals
 - a. Sanitary Sewer Extension
 - b. Water Main Extension
 - c. Stormwater (WDNR NOI)
 3. Bidding & Construction Phase Assistance
 - a. General Coordination with City
 - b. General Coordination with Potential Bidders
 - c. Issue Notice of Award to Contractor
 - d. Facilitate Contract Execution
 - e. Issue Notice to Proceed
 - f. Shop Drawing Review and Update Submittal Log
 - g. Technical Support and Administration
 - h. Progress Meetings (Assume 4 Virtual Meetings)
- G. Business Park Roadway Extension (Additional 1,800 feet)
1. Supplemental Survey
 2. Project Administration/Coordination
 3. Coordination with Utilities (Gas, Electric, Phone, CATV)
 4. Coordination with Geotech Engineer (Includes Soil Borings/Test Pits)
 5. Design and Prepare Final Storm Sewer and Roadway Plan and Profiles
 6. Design and Prepare Final Sanitary and Water Plan and Profiles
 7. Finalize Stormwater/Drainage Analysis, Basin Design and SWMR
 8. Design and Prepare Erosion Control Drawings and Notes
 9. Prepare Cross Sections
 10. Intersection Design and Prepare Intersection Drawings
 11. Prepare Street Lighting and Telecommunications Plan Including Details
 12. Prepare Cover Page, General Notes, and Details
 13. Quantities and Opinion of Probable Construction Cost
 14. Specifications - Legal and Procedural
 15. Specifications - Technical
 16. 60% and 90% Plan Review Meetings
 17. Permits and Approvals
 - a. Sanitary Sewer Extension
 - b. Water Main Extension
 - c. Stormwater (WDNR NOI)
 18. Bidding & Construction Phase Assistance
 - a. General Coordination with City
 - b. General Coordination with Potential Bidders
 - c. Issue Notice of Award to Contractor
 - d. Facilitate Contract Execution
 - e. Issue Notice to Proceed
 - f. Shop Drawing Review and Update Submittal Log
 - g. Technical Support and Administration
- H. Miscellaneous Services
1. Streetscaping and/or landscaping design.
 2. Earth balance/mass grading.
 3. Meetings (in addition to those listed above).
 4. Permits (in addition to those listed above).
 5. Entrance monument design.

6. Environmental, historic, or archaeological investigations or permitting.
7. Wetland delineation, mapping, and permitting.
8. Construction staking.
9. Construction inspection.

City's Responsibilities

- A. Attend stakeholder meetings.
- B. Provide additional data, as necessary, such as system maps, GIS data, as-built drawings, typical drawings and specifications, development plans, surveys, etc.
- C. Render decisions in a timely manner.

Items Excluded

- A. The following items are excluded from this task order:
 1. Soil borings (except for G.4. above).
 2. Lift station/force main design.
 3. Booster station and water storage design.
 4. Land acquisition, easements, plats, or CSM.
 5. Assessments.
 6. Railroad spur/sidewalk design.

Schedule

- A. Completion of each category presented in task order was not defined at the time document was prepared. R/M to discuss anticipated schedule for each category with City staff.

Anticipated Fees

- A. Below is a summary table for the projects presented above:

<i>Project Name</i>	<i>Estimated Fee</i>
Business Park Conceptual Planning	\$34,500
Water System Model Update	\$12,800
Water System Study	\$20,800
Badger Ave. to CTH HH Design	\$29,200
CTH HH & Badger Ave. Intersection	\$27,800
Carrie Frost Extension to Badger Ave.	\$24,800
1,800' Roadway Extension Design	\$115,500
Miscellaneous Services	\$20,000
Total	\$285,400

Subconsultants

A. Via Rail Engineering (Railroad engineering)

Geotechnical engineer to be named at a later date.

**STEVENS POINT, WISCONSIN
WATERWORKS REPORT**

REVISED 3/27/17

FOR FEBRUARY 2022

CURRENT YEAR VS. PREVIOUS YEAR

	2021	2022	INCREASE	DECREASE	RECORD HIGH	DATE
Total pumpage, gallons	135,391,000	173,503,000	38,112,000		223,803,000	Feb-98
Daily pumping average, in gallons	4,835,000	6,196,540	1,361,540			
Peak pumpage, gallons, (date)	5,428,000 (7th)	6,728,000 (1st)	1,300,000		16,718,000	2/25/1998
Low pumpage, gallons, (date)	4,203,000 (27th)	5,808,000 (11th)	1,605,000		2,131,000	02/25/13
					2,131,000	2/25/2013
Power bill	\$14,715.82	\$18,214.45	\$3,498.63			◀Record low since 1995 when the utility started providing water to Stora Enso.
K.W.H's used	183,389	217,871	34,482			
Gallons pumped per K.W.H.	738	796	58			

STEVENS POINT WATER DEPARTMENT CONSUMPTION HISTORY

(Pumpage x 1,000)

MONTH	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
JANUARY	188,381	138,644	150,622	142,263	147,206	140,438	131,056	135,295	140,095	130,487
FEBRUARY	173,503	135,391	131,127	135,573	132,869	123,311	124,330	132,142	134,021	131,003
MARCH		150,690	138,327	154,358	148,770	139,881	131,189	146,717	147,561	141,337
APRIL		146,563	127,470	135,713	133,238	142,367	135,484	145,731	154,752	145,137
MAY		174,529	149,292	154,346	168,410	141,687	175,174	173,606	151,986	167,083
JUNE		225,268	181,763	181,220	187,095	175,722	187,693	167,417	182,687	172,509
JULY		214,800	199,876	199,645	240,487	202,817	185,672	187,544	215,463	220,813
AUGUST		206,429	231,447	210,777	225,280	179,208	167,623	208,123	188,933	230,157
SEPTEMBER		181,626	174,925	169,779	181,556	157,626	151,238	175,833	160,492	201,901
OCTOBER		188,859	170,759	143,805	148,186	151,878	143,498	165,156	145,722	159,802
NOVEMBER		169,636	151,193	135,482	133,317	137,452	126,023	119,924	135,922	138,403
DECEMBER		186,582	139,795	146,329	143,324	133,796	141,554	126,294	138,224	141,839
Grand Total/Yr	361,884	2,119,017	1,946,596	1,909,290	1,989,738	1,826,183	1,800,534	1,883,782	1,895,858	1,980,471

**STEVENS POINT WATER DEPARTMENT
WELL 11 PUMPAGE HISTORY**

(Pumpage x 1,000)

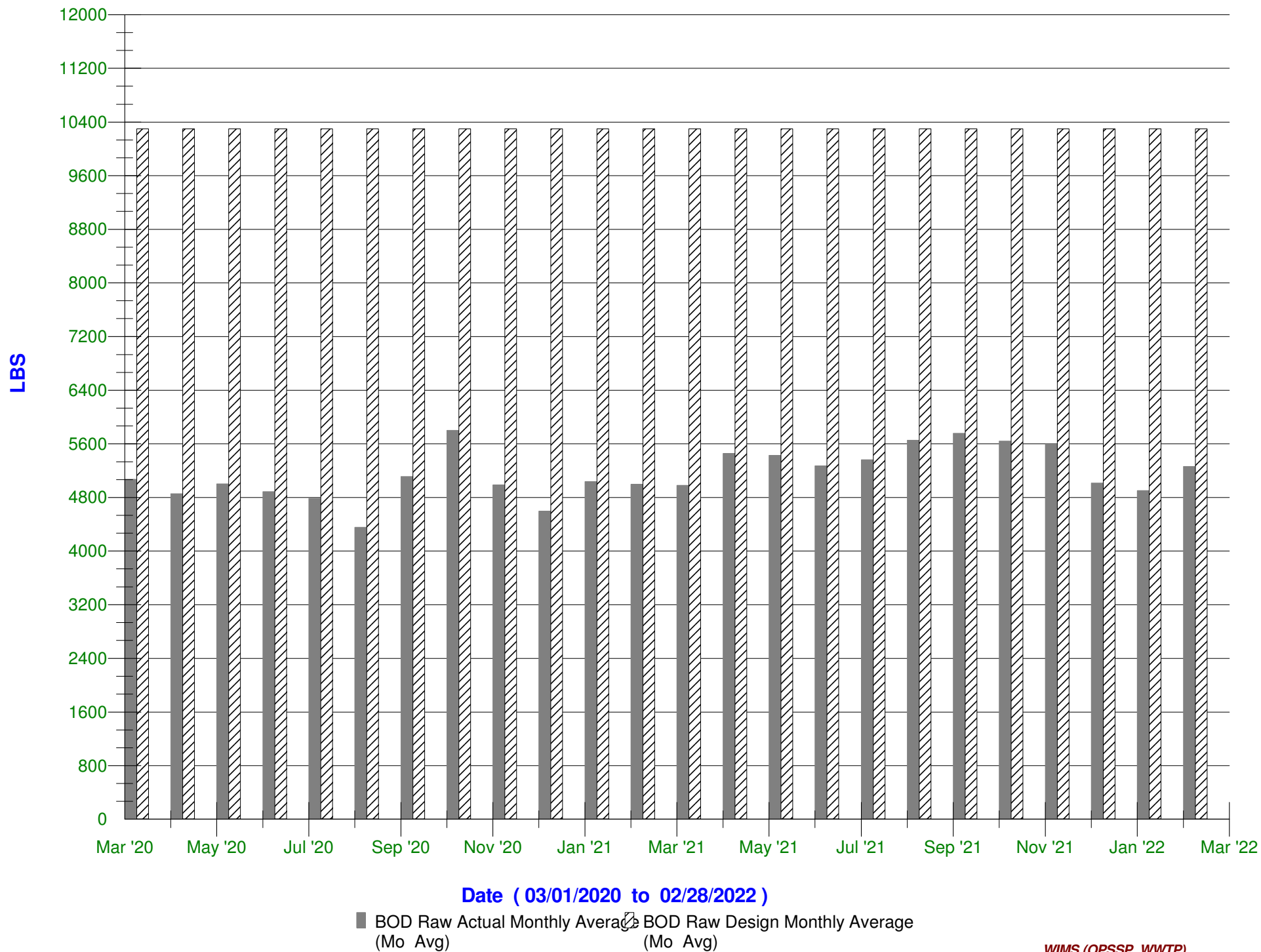
MONTH	2022	2021	2020	2019	2018	2017
JANUARY	88,942	83,106	82,287	82,112	88,989	89,079
FEBRUARY	80,355	80,293	83,129	80,253	80,441	80,474
MARCH		88,768	88,771	88,609	76,469	88,652
APRIL		86,110	86,022	84,640	86,223	76,187
MAY		88,978	88,891	88,880	88,968	66,836
JUNE		86,219	86,029	85,990	86,098	74,224
JULY		89,195	86,944	88,225	88,869	88,996
AUGUST		88,490	88,902	88,811	88,978	88,973
SEPTEMBER		86,109	86,044	85,974	86,010	86,157
OCTOBER		86,373	88,916	88,841	87,366	89,120
NOVEMBER		86,217	82,881	85,244	85,751	86,441
DECEMBER		89,444	88,909	88,890	87,468	72,909
Grand Total/Yr	169,297.00	1,039,302	1,037,725	1,036,469	1,031,630	988,048

Final Effluent Discharge Data

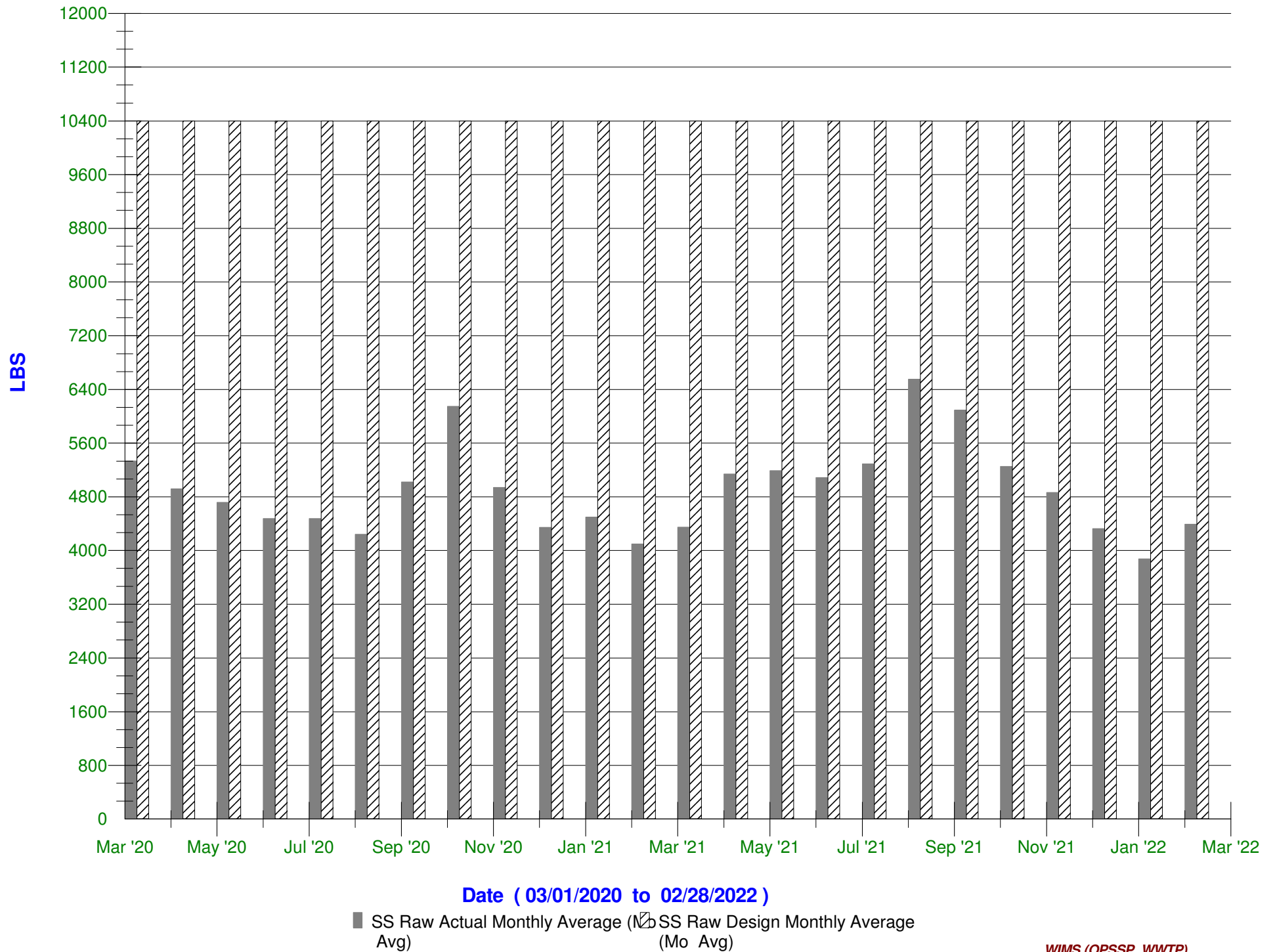
February 2022

		Sewage Flow		BOD					S.S.					Phosphorus				Fecal	Effluent
		Raw	Final	Raw	Final	%	Raw	Final	Raw	Final	%	Raw	Final	Raw	Final	Raw	Final	Coliform	Ammonia
Date	Precip INCHES	MGD	MGD	MG/L	CBOD MG/L	Reduct.	Pounds BOD/Day	Pounds CBOD/Day	(ppm)	(ppm)	Reduct.	Pounds SS/Day	Pounds SS/Day	(ppm)	(ppm)	P/Day	P/Day	Final #/100 ml	mg/L
02/01/2022	0.00	2.053	2.257	330	6.11	98	5,650	115	348	6.60	98	5,958.46	124						
02/02/2022	0.00	1.969	2.071	290	5.24	98	4,762	91	280	8.00	97	4,598.01	138	4.960	0.450	81	8		41
02/03/2022	0.00	1.967	2.067	336	3.93	99	5,512	68	336	5.40	98	5,512.01	93						
02/04/2022	0.00	1.964	2.053	319	4.78	99	5,225	82	220	7.00	97	3,603.55	120	7.730	0.370	127	6		34
02/05/2022	0.02	1.857	1.916	239	4.59	98	3,701	73	272	6.40	98	4,212.57	102	5.580	0.380	86	6		29
02/06/2022	0.00	1.896	1.994	311	4.20	99	4,918	70	260	5.20	98	4,111.29	86						
02/07/2022	0.02	1.985	2.136	335	4.03	99	5,546	72	432	4.69	99	7,151.72	84						
02/08/2022	0.00	1.981	2.076	409	5.54	99	6,757	96	276	5.60	98	4,559.95	97		0.570		10		38
02/09/2022	0.00	1.998	2.116	408	4.82	99	6,799	85	232	6.50	97	3,865.89	115						
02/10/2022	0.01	2.028	2.091	362	4.89	99	6,123	85	388	6.70	98	6,562.45	117		0.520		9		42
02/11/2022	0.03	1.919	1.938	353	4.92	99	5,650	80	292	6.80	98	4,673.30	110						
02/12/2022	0.00	1.788	1.760	275	4.61	98	4,101	68	228	6.50	97	3,399.92	95						
02/13/2022	0.00	1.823	1.805	272	4.25	98	4,135	64	172	5.80	97	2,615.06	87		0.450		7		31
02/14/2022	0.01	1.947	1.930	333	5.12	98	5,407	82	228	5.90	97	3,702.26	95						
02/15/2022	0.00	2.024	2.008	359	7.33	98	6,060	123	240	7.80	97	4,051.24	131		0.510		9		41
02/16/2022	0.00	2.047	2.113	320	6.56	98	5,463	116	260	7.20	97	4,438.71	127						
02/17/2022	0.00	1.968	1.927	299	5.32	98	4,908	85	324	7.20	98	5,317.85	116						
02/18/2022	0.00	1.929	1.863	297	5.59	98	4,778	87	232	7.00	97	3,732.38	109		0.430		7		39
02/19/2022	0.03	1.836	1.738	279	12.82	95	4,272	186	212	6.30	97	3,246.19	91						
02/20/2022	0.00	1.970	1.927	291	11.62	96	4,781	187	228	5.32	98	3,745.99	85		0.400		6		31
02/21/2022	0.00	1.993	1.977	326	6.87	98	5,419	113	256	6.76	97	4,255.13	111						
02/22/2022	0.02	1.979	1.879	308	5.23	98	5,083	82	260	6.12	98	4,291.26	96		0.430		7		34
02/23/2022	0.13	2.039	2.003	310	4.24	99	5,272	71	232	5.71	98	3,945.22	95						
02/24/2022	0.00	1.994	2.135	326	19.14	94	5,421	341	248	6.80	97	4,124.23	121						
02/25/2022	0.06	1.999	2.080	326	4.81	99	5,435	83	244	6.88	97	4,067.89	119		0.490		9		38
02/26/2022	0.00	1.918	1.870	296	4.67	98	4,735	73	184	5.57	97	2,943.29	87		0.370		6		38
02/27/2022	0.00	1.940	1.901	335	3.92	99	5,420	62	324	5.32	98	5,242.19	84						
02/28/2022	0.00	2.032	2.045	355	4.08	99	6,016	70	300	5.71	98	5,084.06	97						
											100								
											100								
											100								
Total	0.33	54.843	55.676	8,999	169	2,746	147,350	2,808	7,508	176.78	3,031	123,012.06	2,934	18.270	5.370	294.486	88.551		436.000
Average	0.01	1.959	1.988	321	6	98	5,262	100	268	6.31	98	4,393.29	105	6.090	0.448	98.000	7.500		36.333
Maximum	0.13	2.05	2.26	409.00	19.14	98.85	6,798.63	340.80	432.00	8.00	100.00	7,151.72	138.18	7.73	0.57	126.62	9.87		41.70
Minimum	0.00	1.79	1.74	239.00	3.92	94.13	3,701.48	62.15	172.00	4.69	96.63	2,615.06	83.55	4.96	0.37	81.45	5.77		28.90

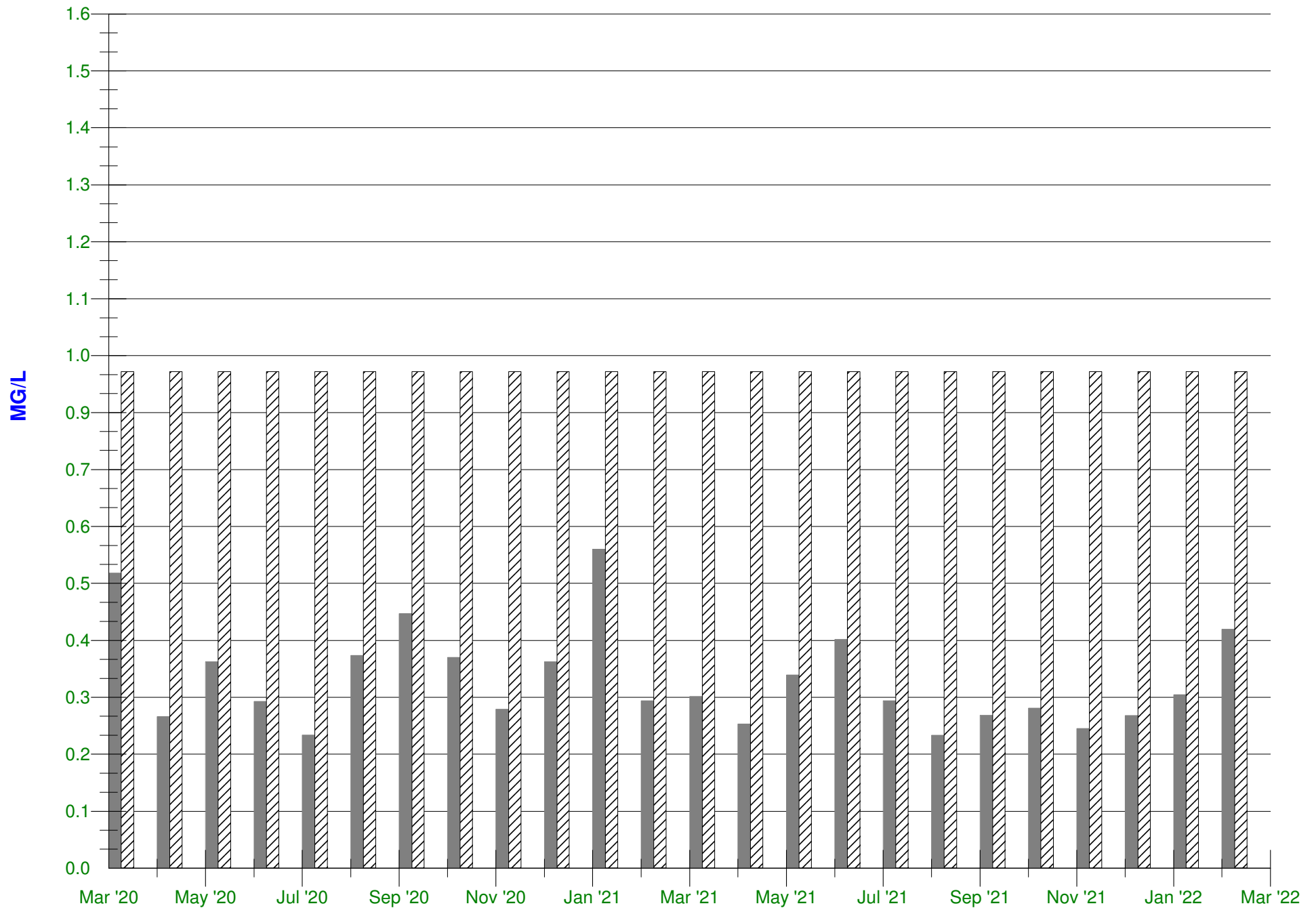
BOD Raw 2 Year History



SS Raw 2 Year History



Phosphorus mg/l 2 Year History



Date (03/01/2020 to 02/28/2022)

■ Effluent Phosphorous Total (Mo Avg) ■ Phosphorus Final Limit (Mo Avg)

Sewage Plant Monthly Average

	Temperature		Precip.	Sewage Flow		Phosphorus				BOD					Suspended Solids						Per Day	Gas
Month	Max	Min	INCHES	Influent	Effluent	Raw Influent		Final Effluent		Raw Influent		Final CBOD Eff.		Reduction	Raw Influent		Final Effluent		Reduction	Power kW	LBS BOD Removed	Production Per Day CUFT
	°F	°F		MGD	MGD	MG/L	LBS	MG/L	LBS	MG/L	LBS	MG/L	LBS	%	MG/L	LBS	MG/L	LBS	%			
Mar 2021	48	27	1.75	2.009	2.272	5.003	84	0.322	6	296	4,962	3.40	64.48	99	259	4,337	7.07	133.97	97	4,310	4,898	
Apr 2021	56	36	2.07	2.155	2.482	4.822	86	0.270	6	304	5,455	3.69	76.46	99	287	5,152	4.00	82.73	99	4,807	5,379	
May 2021	66	45	3.15	2.086	2.222	4.836	83	0.362	6	310	5,399	3.84	71.24	99	298	5,190	3.99	73.98	99	2,613	5,328	
Jun 2021	81	59	7.47	2.169	2.566	5.340	90	0.428	9	295	5,341	2.91	62.24	99	288	5,208	3.84	82.25	99	6,507	5,279	
Jul 2021	80	59	4.98	2.392	2.740	4.763	94	0.313	7	267	5,325	4.72	107.90	98	264	5,264	3.57	81.68	98	6,845	5,217	
Aug 2021	80	61	10.28	2.748	3.023	5.844	126	0.249	6	255	5,836	3.96	99.71	98	292	6,699	4.14	104.40	98	5,594	5,736	
Sep 2021	74	50	1.57	2.664	2.835	4.248	93	0.286	7	260	5,778	4.16	98.32	98	276	6,136	4.19	99.03	98	3,107	5,680	
Oct 2021	63	44	1.04	2.202	2.429	6.373	118	0.300	6	306	5,620	4.02	81.47	99	286	5,255	3.75	76.04	99	2,929	5,539	
Nov 2021	43	23	1.07	2.024	2.265	5.993	102	0.262	5	329	5,547	3.78	71.42	99	286	4,825	3.39	64.06	99	3,973	5,476	
Dec 2021	32	17	2.25	1.974	2.178	6.807	114	0.286	5	302	4,979	4.87	88.47	98	260	4,276	4.00	72.64	98	3,987	4,891	
Jan 2022	19	-2	0.31	1.875	1.973	5.774	91	0.325	5	313	4,899	4.82	79.33	98	250	3,911	4.79	78.90	98	3,567	4,819	
Feb 2022	25	9	0.33	1.959	1.988	6.090	98	0.448	7	321	5,250	6.04	100.23	98	268	4,380	6.31	104.70	98	3,550	5,150	
Minimum	19	-2	0.31	1.875	1.973	4.248	83	0.249	5	255	4,899	2.91	62.24	98	250	3,911	3.39	64.06	97	2,613	4,819	
Maximum	81	61	10.28	2.748	3.023	6.807	126	0.448	9	329	5,836	6.04	107.90	99	298	6,699	7.07	133.97	99	6,845	5,736	
Total	667	428	36.27	26.257	28.974	65.893	1,179	3.850	75	3,559	64,391	50.22	1,001.28	1,183	3,314	60,633	53.06	1,054.39	1,179	51,787	63,390	
Average	56	36	3.02	2.188	2.414	5.491	98	0.321	6	297	5,366	4.18	83.44	99	276	5,053	4.42	87.87	98	4,316	5,283	



March 9, 2022

TO: Water and Sewerage Commission
RE: Award of project 22-10, Utility Roofing Project

Commissioners,

Our 2022 Capital Improvement and Operations Plan included roofing projects for water and wastewater facilities. Those bids have been opened and are summarized on the bid tabulation attached.

We have received a recommendation of award for these projects from our roofing resource (The Garland Company, Inc.) that coincides with staff recommendation. Our request for approval is as follows:

To award of project 22-10, Utility Roofing Project, base bids 1 and 2 to Nick Michels & Sons, Inc. of Nekoosa, WI in an amount not to exceed \$295,794.95 including the allowable contingency of 15%.

The dollar amount that will be part of the Water Department Capital is \$44,219 (\$50,852 with contingency).

The dollar amount that will be part of the wastewater Department Capital is \$212,994 (\$244,942.95 with contingency). This dollar amount is significantly higher than what appears on the Cap O&M because one of the roof projects was not included in the proposed capital number. The number on our proposed Cap O&M should have been \$220,000, but it was only \$120,000. If these projects are approved, we will modify the Cap O&M to reflect this change.

Thank you for your consideration.

Sincerely,

Joel Lemke
Director of Public Utilities

Bidding Contractor	Base Bid #1 -DAF and Blower Building Roof:			Base Bid #2 -Well #10 Building Roof:			Base Bid #3 -Airport Hanger Door:	Required Paperwork	Addendum Acknowledgment
	A	B	Total Bid (A & B)	A	B	Total Bid (A & B)	Lump Sum Bid		
ED Chase			Did Not Bid			Did Not Bid	Did not Bid		
Muza			Did Not Bid			Did Not Bid	Did not Bid		
Pioneer Roofing	\$196,682.00	\$71,510.00	\$268,192.00	\$58,792.00	\$10,938.00	\$69,730.00	\$44,997.00	yes	yes
Northern Roofing	\$189,300.00	\$65,600.00	\$254,900.00	\$16,187.00	\$55,443.00	\$71,630.00	Did not bid	yes	yes
Nick Michels & Sons	\$68,893.00	\$144,101.00	\$212,994.00	\$13,085.00	\$31,134.00	\$44,219.00	Did not bid	yes	Yes
Badger Coatings & Insulation			Did Not Bid			Did Not Bid	\$7,800.00	yes	yes



March 9, 2022

TO: Water and Sewerage Commission
RE: Digester 3 Repair

Commissioners,

Our 2022 Capital Improvement and Operations Plan included a line for the repair of digester 3. This line item had no dollar amount included at that time.

The entire scope of the "Digester #3 Cover Repair" item includes:

- Removal of the cover
- Investigation of the problem/issue
- Repair of the problem/issue
- Replacement of the cover

At this point, we still don't have a total project cost to propose for approval, but we do have quotes on the removal and replacement of the cover. The quote we'd like to approve is under \$10,000.

Because we aren't sure what the extent of the needed repair will be yet, we are estimating the entire project to cost \$20,000 or less.

Staff respectfully requests permission to modify the 2022 Capital Operations and Maintenance Plan to include a \$20,000 dollar amount on the line item listed as "Digester 3 Cover Repair" that was previously left blank.

Thank you for your consideration.

Sincerely,

Joel Lemke
Director of Public Utilities

SEWER REPORT FOR THE MONTH OF FEBRUARY 2022

2022	
58,779	feet of sanitary sewer flushed
3,602	feet of sanitary sewer cut
-	feet of storm sewer cut
-	feet of storm sewer jetted
2,120	feet of sanitary sewer jetted
-	feet of sewer main televised
-	feet of storm main televised

v.s.

2021	
53,424	feet of sanitary sewer flushed
-	feet of sanitary sewer cut
-	feet of storm sewer cut
-	feet of storm sewer jetted
1,666	feet of sanitary sewer jetted
3,770	feet of sewer main televised
-	feet of storm main televised