

Our intention is to have in-person meetings going forward. We will hold 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 11, 2024 - 12:00 PM**

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

OR

Zoom Teleconferencing

Meeting ID: | 820 26885705

By Computer: <https://us02web.zoom.us/j/82026885705>

By Phone: (303) 715-8592

AGENDA

Discussion and Possible Action on:

1. Roll Call.
2. Approval of Minutes
3. Approval of Department Claims
4. Purchase of paving attachment and agreement with the Department of Public Works - *Joel*
5. Contracted services for GIS - *Joel*
6. Water Supply and Distribution Reports - *Eric Southworth*
7. Sewage Treatment Operations Report - *Chris Lefebvre*
8. Construction and Maintenance Report - *Shane Kohnen*
9. Directors Report - *Joel Lemke*
 - A. Update on land purchase/sale and easement rights for Well 12
10. Adjournment.

The next Water and Sewerage Commission meeting will be Monday, April 8 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 12, 2024 - 12:00 PM**

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

OR

Zoom Teleconferencing

Meeting ID: | 820 26885705

By Computer: <https://us02web.zoom.us/j/82026885705>

By Phone: (303) 715-8592

MINUTES

Discussion and Possible Action on:

1. Roll Call.

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

EXCUSED ABSENCE: Mae Nachman

ALSO PRESENT: Joel Lemke, Jennifer Schmeiser, Eric Southworth, Chris Lefebvre, Shane Kohnen, Jason Draheim, Ald. Lang and Jaime Zdroik

2. Approval of Minutes

Motion made by Anna Haines, seconded by Ray Schmidt to approve the January 8, 2024, meeting minutes of the Board of Water & Sewerage Commission.

Ayes all. Nays none. Motion carried.

3. Approval of Department Claims

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

Ayes all. Nays none. Motion carried.

4. Commission Compensation - Joel Lemke

Joel was asked to bring information to the meeting about increasing the monthly stipend.

Paul asked if the COLA for 2023 and 2024 were applied to their stipends without them voting on it. Joel explained that the COLA was applied to all employees through our financial software without realizing that it had actually applied to the Commissioners' monthly stipend as well. Joel also explained the COLA for 2022 which was 2.30% was not added to the stipend. If the COLA was applied in 2022, the current annual compensation would be \$966.75 and \$810.26 for the President and Commissioners respectively.

The Commissioners like the COLA approach of increasing the monthly stipend but would like to be notified of what the COLA increase will be. If this route is taken, they wouldn't have to revisit the Commission compensation increase every few years like they have in the past.

Motion made by Anna Haines, seconded by Ray Schmidt to approve the adoption of increasing the stipend for the Commission President to \$966.75 and Commissioners to \$810.26 with a COLA adjustment every year thereafter, in accordance to what is approved for all City employees annually.

Ayes all. Nays none. Motion carried.

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

The pumpage reports were reviewed by the Commission. Eric stated he had nothing to add.

6. Sewage Treatment Operations Report - *Chris Lefebvre*

Chris stated the WWTP met all permit requirements for January. He stated we have someone interested, on a temporary basis, in our Class A biosolids for agricultural fertilizer. We won't know if this will be permanent until late spring or early summer.

7. Construction and Maintenance Report - *Shane Kohnen*

Shane stated the crews are working on typical winter operations. They are doing the tree cutting by the tower.

8. Directors Report - *Joel Lemke*

Joel stated there was a public informational meeting at the Town of Hull for the project in the area of Regent, Golla & Joe Streets where the City is doing some development. We will be running utilities through the Town of Hull on Joe Street to get to the City's property for that development. There will be deferred assessments levied against the Town of Hull properties for when they would have to connect to the City. At that time, they'd pay for the utilities that were installed.

9. Adjournment.

Motion made by Ray Schmidt to adjourn the meeting.

Ayes all. Nays none. Motion carried.

Meeting Adjourned: 12:20PM

REPORT TO THE MARCH 11, 2024
MEETING OF THE BOARD OF WATER AND SEWERAGE COMMISSIONERS

WATER DEPARTMENT

FINANCES:

Bank balance as of February 1, 2023
Bank deposits recorded in February 2024

\$	7,556,636.54
\$	330,297.36
\$	7,886,933.90

CHECKS ISSUED FEBRUARY 2024:

58653	Mae Nachman	Salary	60.96
58656	Community Foundation of Central WI	Employee Contribution	10.00
58657	United Way Of Portage County	United Way	51.00
58676	Teamsters Union Local 662	Union dues	1,627.00
58677	Werner Electric Supply	Test port maintenance	0.62
58678	American Asphalt Of WI	Asphalt Patches	70,997.75
58679	Aramark	Rug service	46.82
58680	Aspirus Medical Group, Inc.	Wellness Program	124.00
58681	Baker Tilly Virchow Krause LLP	2023 Audit	398.84
58682	Batteries Plus LLC	Batteries for garage safety lights	160.55
58684	Complete Control Inc.	HVAC Maintenance	981.50
58685	Cummins Sales & Service	Oil Change - Well 9 Back up generator	1,281.42
58686	Division of Unemployment Insurance	Unemployment claims	398.04
58687	Dolce Digital Imaging	Business Cards - Jen	47.00
58688	Employee Resource Center	Monthly EAP Fees	96.90
58690	Ferguson Waterworks #1476	Inventory, delivery charge	1,922.00
58691	H&S Protection Systems Inc	Annual Security System Monitoring	754.68
58692	Kramar	Annual back flow preventor inspections	1,190.00
58693	Lube Green LLC	Lubricant	433.42
58695	Martelle Water Treatment	Chemicals	8,100.05
58696	Mid America Meter Inc	Large Meter Testing	5,789.89
58697	Municipal Environmental Group-Water Division	Annual Membership	2,000.00
58700	Springbrook Holding Company LLC	Civic Pays CC Fees	1,391.00
58701	USA Blue Book	Lab supplies	554.72
58702	Waste Mangrnt of WI-MN	Dumpster Service	360.06
58703	WI State Laboratory of Hygiene	Fluoride Testing	29.00
58704	Tom's Attachments LLC	Attachment for skidsteer	900.00
58705	Community Foundation of Central WI	Green Circle Joel Lemke	10.00
58706	United Way Of Portage County	United Way	51.00
58709	Badger Heating & Air Conditioning	Work on garage heaters	248.00
58710	Clark Dietz	Professional Services Jan 1-26, 2024 -2024 Street Improvements	3,269.84
58711	Dakota Electric Services Inc	Lights for Utility Garage	4,406.00
58713	Ferguson Waterworks #1476	Inventory	815.00
58717	INFOSEND INC	Statement & notice processing	2,290.49
58720	Metron-Farnier LLC	40 - 5/8" Meters	14,692.74
58721	Moraine Park Tech College	DNR Certification Training	487.05
58724	Mastercard	Maint garage test port, Amazon, Staples, Bar oil	532.55
58725	Rasmussen Plumbing & Heating	Clear plugged fixtures, fix toilet	599.02
58727	Strand Associates Inc	Professional Services 2024 Street Improvements, Professional Services Well #12	5,460.12
58728	USA Blue Book	Supplies	71.95
58729	Wood Street Rental LLC	Appliance dolly	15.75
58731	City Of Stevens Point	Workers Comp Insurance Premiums	1,603.73
58732	BRIAN HIGGINS	Refund Check 039710-002, 801-17 FRANCIS ST	19.68
58733	Metron-Farnier LLC	Meters	29,015.66
58737	Kristopher J Spindler	Boot allowance	125.00
58738	Registration Fee Trust	Registration of trailer	169.50
58739	McDonald Title Co Inc	Slomann Property Purchase	484,217.43
58741	Aramark	Rug Service	46.82
58742	Badger Heating & Air Conditioning	Refrigerant & labor	2,913.00
58745	Department of Natural Resources	DNR Certification Renewal - Tony & Lance	90.00
58747	Esch Construction Supply, Inc.	Safety Training	197.50
58749	Heartland Business Systems, LLC	Managed Services	223.26

58750	Idexx Laboratories Inc	Lab	1,790.69	
58755	Mastercard	PPE, Locate Flags, Well 11 & Wellfield Annual Inventory, Amazon Web Service, Office Equipment, Supplies, Boot Allowance, Flowers for Funeral, Conference Expenses	3,509.66	
58757	Community Foundation of Central WI	Employee Contribution	10.00	
58759	United Way Of Portage County	United Way	51.00	
58761	Registration Fee Trust	Registration of trailer-2016 RC	169.50	
58762	Dobberstein Law Firm	Garnishment	311.49	
	WPS	Utility Charges	23,036.99	
	Payroll	Payroll	47,554.75	
	IRS PR Tax	Payroll Taxes - Federal	37,071.20	
	DOR PR Tax	Payroll Taxes - State	7,689.00	
	Verizon Cell & iPad Charges	Phone & iPad Charges	622.58	
	DOR Garnishment	Garnishment	9.90	
	HRA Admin Fees	Renewal & Admin Fees	30.00	
	TOTAL EXPENSES LISTED		<u>\$ 773,135.07</u>	<u>\$ 773,135.07</u>
	BALANCE ON HAND FEBRUARY 29, 2024			
		Balance on Hand	\$ 7,113,798.83	
		Plus shared Operating costs	\$ 58,762.42	
		Plus uncleared checks	\$ 49,924.96	
		Less checks previously written clearing this month	<u>\$ (11,004.72)</u>	
		Ending Cash Balance matching Bank Statements	\$ 7,211,481.49	
		Less Restricted Funds	\$ (1,139,384.96)	
		Cash on Hand	\$ 6,072,096.53	

REPORT TO THE MARCH 11, 2024
MEETING OF THE BOARD OF WATER AND SEWERAGE COMMISSIONERS
SEWAGE DEPARTMENT

FINANCES:

Bank Balance as of February 1, 2023

\$ 8,597,609.37

Bank Deposits recorded in February 2024

\$ 341,881.62

\$ 8,939,490.99

CHECKS ISSUED IN FEBRUARY 2024:

58674	MacQueen Equipment	Misc. camera parts for truck	604.67		
58675	Stevens Point Public Utilities	Quarterly water charges	871.04		
58678	American Asphalt Of WI	Asphalt Patches	3,211.61		
58679	Aramark	Rug & laundry service	198.29		
58680	Aspirus Medical Group, Inc.	Wellness Program	62.00		
58681	Baker Tilly Virchow Krause LLP	2023 Audit	214.76		
58686	Division of Unemployment Insurance	Unemployment claims	398.04		
58688	Employee Resource Center	Monthly EAP Fees	45.60		
58689	Environmental Consulting and Testing,	WET Testing	1,000.00		
58692	Kramar	Annual back flow preventor inspections	540.00		
58694	Marathon County Treasurer/Solid Waste	Sludge hauling	1,019.27		
58703	WI State Laboratory of Hygiene	Sample	186.00		
58704	Tom's Attachments LLC	Attachment for skidsteer	900.00		
58707	Aquachem of America Inc.	Chemical-Aquachem	17,388.00		
58708	AT&T	Phone charges	44.98		
58710	Clark Dietz	Professional Services Jan 1-26, 2024 -2024 Street Improvements	3,269.83		
58712	Department of Natural Resources	DNR Cert Exam Fee- Ryan	50.00		
58714	Grainger	Toilet parts, repair kit	29.08		
58715	Harter's Fox Valley Disposal	Dumpster Service	675.44		
58716	Hawkins Inc	Chemicals	654.15		
58718	Ingersoll Rand Co	Filters & hose	4,898.11		
58719	L&S Electric Inc.	Replacement motor	1,781.00		
58721	Moraine Park Tech College	DNR Certification Training	487.05		
58723	NCL of Wisconsin Inc	Lab supplies	799.80		
58724	Mastercard	Collection TV, parts Truck #30, cable for televising	98.21		
58726	Schenck Process LLC	Gear drive for bag house	829.13		
58727	Strand Associates Inc	Professional Services 2024 Street Improvements	4,780.83		
58731	City Of Stevens Point	Workers Comp Insurance Premiums	973.67		
58732	Brian Higgins	Refund Check 039710-002, 801-17 Francis St.	21.03		
58735	NCL of Wisconsin Inc	Chemicals	428.03		
58736	Pace Analytical Services Inc	4th Qtr Mercury Samples	497.00		
58740	Stevens Point Airport	Credit Card Rebate	31.43		
58741	Aramark	Rug Service	207.19		
58743	BDP Industries	Belt press plows	4,926.24		
58744	Central States H & W Fund	Health Insurance Premiums	4,516.60		
58746	Duet Resource Group	File Cabinets - Dan E.	422.40		
58747	Esch Construction Supply, Inc.	Safety Training	98.75		
58748	H&S Protection Systems Inc	Update alarm panels	25.00		
58749	Heartland Business Systems, LLC	Managed Services	223.26		
58751	Mulcahy Shaw Water Inc	Grinder Mechanical Seal	636.58		
58752	Municipal Environmental Group- Wastewater Div	Annual Membership Renewal	2,250.00		
58754	Transit Department	Credit Card Rebate	141.54		
58755	Mastercard	Conference Expenses, Amazon Web Service, Sampler part, Supplies, Camera Equipment, PPE, Flags, IT Pipes	2,843.11		
58760	Menke Motor Co Inc	2024 GMC Truck	40,836.50		
58761	Registration Fee Trust	Registration of trailer-2013 RC	169.50		
	UPS	Shipping	31.02		
	Shared Operating Costs	Sewer Portion	38,212.97		
	HRA	HRA Admin Fee	30.00		
	Verizon Charges	Verizon Charges	428.50		
	WPS Utility Charges	Gas & Electric	22,088.47		
	Sewer Payroll	Payroll	55,844.61		
	Payroll Taxes	Payroll Taxes	3,877.44		
TOTAL OF EXPENSES LISTED			\$ 224,797.73	\$ 224,797.73	
BALANCE ON HAND FEBRUARY 29, 2024				\$ 8,714,693.26	
			Balance on Hand	\$ 8,714,693.26	
			Plus uncleared checks	\$ 56,593.33	

Less checks previously written clearing this month	\$ (5,320.33)
Ending Cash Balance matching Bank Statements	\$ 8,765,966.26

<u>Less Restricted Balance</u>	\$ (5,594,189.61)
TOTAL	\$ 3,171,776.65

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

**REPORT TO THE MARCH 2024
MEETING OF THE BOARD OF WATER AND SEWERAGE COMMISSIONERS**

STORM WATER DEPARTMENT

FINANCES:

Bank balance as of February 1, 2023

Bank deposits recorded in February 2024

\$	3,620,650.65
\$	122,913.55
\$	3,743,564.20

CHECKS ISSUED FEBRUARY 2024:

58678	American Asphalt Of WI	Asphalt Patches	5,173.90	
58680	Aspirus Medical Group, Inc.	Wellness Program	62.00	
58681	Baker Tilly Virchow Krause LLP	2023 Audit	92.04	
58683	Beaver Of WI Inc	Supplies	57.00	
58686	Division of Unemployment Insurance	Unemployment claims	398.04	
58688	Employee Resource Center	Monthly EAP Fees	22.80	
58698	NC WI Stormwater Coalition	Annual Educational Contribution	1,500.00	
58699	Jason Pliska	Uniform Reimbursement	152.17	
58704	Tom's Attachments LLC	Attachment for skidsteer	900.00	
58710	Clark Dietz	Professional Services Jan 1-26, 2024 -2024 Street Improvements	3,269.83	
58721	Moraine Park Tech College	DNR Certification Training	487.05	
58722	NAPA	Parts	223.10	
58724	Mastercard	Tractor #51 parts, parts for new backhoe	230.70	
58727	Strand Associates Inc	Professional Services 2024 Street Improvements, Professional Services - FEMA Grant	6,115.83	
58730	Advance Auto Parts	Supplies	7.59	
58731	City Of Stevens Point	Workers Comp Insurance Premiums	623.00	
58732	Brian Higgins	Refund Check 039710-002, 801-17 Francis St.	205.50	
58734	NAPA	Tools	50.48	
58745	Department of Natural Resources	DNR Certification Renewal - Shane	45.00	
58747	Esch Construction Supply, Inc.	Safety Training	98.75	
58749	Heartland Business Systems, LLC	Managed Services	223.26	
58753	Recycling Connections	School Garden Program 2024	7,800.00	
58755	Mastercard	Class expenses, tools, Amazon Web Service, flags	659.64	
	Shared Operating Costs	Stormwater portion	20,549.45	
	Verizon	iPad & cell phone charges	414.75	
	Payroll	Payroll	20,527.84	
	IRS	Payroll Taxes	2,158.75	
	WPS	Monthly Utility Charges	779.35	
TOTAL OF EXPENSES LISTED			\$ 72,827.82	\$ 72,827.82
BALANCE ON HAND FEBRUARY 29, 2024				\$ 3,670,736.38

Balance on Hand	\$ 3,670,736.38
Plus checks written after the end of this month	
Plus uncleared checks	\$ 8,727.90
Less checks previously written clearing this month	\$ (639.78)
Ending Cash Balance matching Bank Statements	\$ 3,678,824.50

REPORT TO THE MARCH 2024
MEETING OF THE BOARD OF WATER AND SEWERAGE COMMISSIONERS

FIBER (COMMUNITY AREA NETWORK)

FINANCES:

Bank balance as of February 1, 2024

\$	472,239.05
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Bank deposits recorded in February 2024

\$	4,703.75
\$	476,942.80

CHECKS ISSUED FEBRUARY 2024:

58755	Mastercard	Flags
	Fiber Payroll	Payroll

119.06

265.64

TOTAL OF EXPENSES LISTED

	\$	384.70	\$	384.70
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BALANCE ON HAND FEBRUARY 29, 2024

\$	476,558.10
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Balance on Hand

\$	476,558.10
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Plus checks written after the end of this month

Plus uncleared checks

	\$	119.06
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Less checks previously written clearing this month

Ending Cash Balance matching Bank Statements

\$	476,677.16
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March 7, 2024

MEMO

RE: Purchase of paver and paving agreement with DPW

Commissioners,

On an annual basis, the City solicits bids for the patching of pavement that is caused by the Utility Department and the Department of Public Works excavating streets or, in any other means, causing asphalt pavement to need repair. Generally, the majority of those patches are utility patches which we pay for or bill to our customers as appropriate.

Recently, the Departments have considered the purchase of a piece of equipment that would allow the Department of public works to complete this work in-house. This would be a benefit to the Utilities because of the better coordination that we can have with a City department than we can have with private contractors. It will benefit the public by having a quicker resolution to street patches, and it would benefit the Department of Public works by having a piece of equipment that they can use to quickly respond to the repair of their streets.

The two departments have worked out an understanding where we would propose that the Department of Public Utilities purchases the paving equipment in exchange for the Department of Public Works performing the patching work at a unit cost of \$65 per square yard until the purchase price of the equipment has been reached. Essentially, we would be starting with an initial credit of \$74,150 (the purchase price of the equipment and trailer to haul it), and we would spend it down until the equipment is paid for.

We believe this is a very good deal and are looking for support to move forward in this direction.

We respectfully request permission to purchase the paving equipment and trailer to give City crews the ability to self-perform patching in the amount of \$74,150. Once \$74,150 worth of patching has been performed, the equipment will be transferred to the Department of public works, and we will continue to work with them on patching at an agreed upon rate.

Best Regards,

A handwritten signature in black ink that reads "Joel Lemke". The signature is written in a cursive, flowing style.

Joel Lemke
Director

**City of Stevens Point
Department of
Public Utilities &
Transportation**



**Joel C Lemke
Director
Phone: 715-345-5266
jlemke@stevenspoint.com**

March 7, 2024

MEMO

RE: Contracted services for GIS

Commissioners,

Our most recent GIS Technician recently gave notice of their resignation. The individual was with us less than a year. We are seeking permission to fill the needs of the Department as it relates to GIS functions by way of contracted services until we hire or find another way to fill the roles and responsibilities of this position.

We respectfully request permission to contract with consulting and contracting services for our Department in an amount that does not exceed the wages and benefits of the approved GIS Tech salary and benefits.

Best Regards,

A handwritten signature in black ink, appearing to read "Joel Lemke". The signature is written in a cursive, flowing style.

Joel Lemke
Director

**STEVENS POINT, WISCONSIN
WATERWORKS REPORT**

FOR FEBRUARY 2024

CURRENT YEAR VS. PREVIOUS YEAR

	2023	2024	INCREASE	DECREASE	RECORD HIGH	DATE
Total pumpage, gallons	173,997,000	200,341,000	26,344,000		223,803,000	Feb-98
Daily pumping average, in gallons	6,214,180	6,908,310	694,130			
Peak pumpage, gallons, (date)	6,894,000 (25th)	7,254,000 (21st)	360,000		16,718,000	2/25/1998
Low pumpage, gallons, (date)	5,916,000 (4th)	6,337,000 (3rd)	421,000		2,131,000	2/25/2013
Power bill	\$19,120.81	\$21,197.23	\$2,076.42			◀Record low since 1995 when the utility started providing water to Stora Enso.
K.W.H's used	202,593	243,048	40,455			
Gallons pumped per K.W.H.	859	824		35		

STEVENS POINT WATER DEPARTMENT CONSUMPTION HISTORY

(Pumpage x 1,000)

MONTH	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015
JANUARY	190,129	178,957	188,381	138,644	150,622	142,263	147,206	140,438	131,056	135,295
FEBRUARY	200,341	173,997	173,503	135,391	131,127	135,573	132,869	123,311	124,330	132,142
MARCH		169,879	195,466	150,690	138,327	154,358	148,770	139,881	131,189	146,717
APRIL		167,050	171,871	146,563	127,470	135,713	133,238	142,367	135,484	145,731
MAY		208,084	211,721	174,529	149,292	154,346	168,410	141,687	175,174	173,606
JUNE		284,930	238,070	225,268	181,763	181,220	187,095	175,722	187,693	167,417
JULY		280,293	261,545	214,800	199,876	199,645	240,487	202,817	185,672	187,544
AUGUST		275,018	251,597	206,429	231,447	210,777	225,280	179,208	167,623	208,123
SEPTEMBER		239,167	227,586	181,626	174,925	169,779	181,556	157,626	151,238	175,833
OCTOBER		177,717	206,986	188,859	170,759	143,805	148,186	151,878	143,498	165,156
NOVEMBER		194,002	191,454	169,636	151,193	135,482	133,317	137,452	126,023	119,924
DECEMBER		182,805	194,570	186,582	139,795	146,329	143,324	133,796	141,554	126,294
Grand Total/Yr	390,470	2,531,899	2,512,750	2,119,017	1,946,596	1,909,290	1,989,738	1,826,183	1,800,534	1,883,782

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

(Pumpage x 1,000)

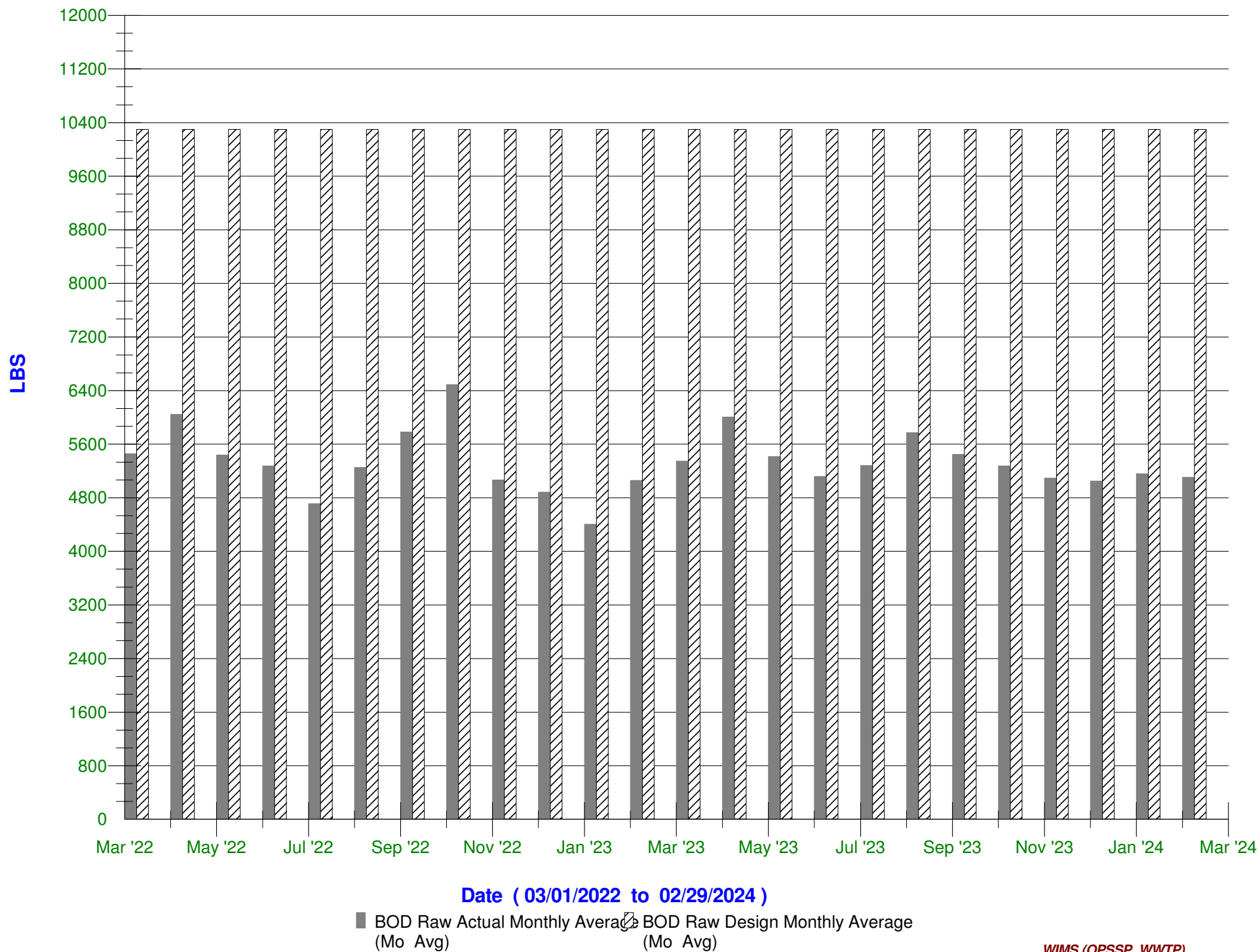
MONTH	2024	2023	2022	2021	2020	2019	2018	2017
JANUARY	89,029	88,937	88,942	83,106	82,287	82,112	88,989	89,079
FEBRUARY	83,297	79,725	80,355	80,293	83,129	80,253	80,441	80,474
MARCH		81,120	88,834	88,768	88,771	88,609	76,469	88,652
APRIL		84,933	84,742	86,110	86,022	84,640	86,223	76,187
MAY		88,563	88,861	88,978	88,891	88,880	88,968	66,836
JUNE		93,567	85,473	86,219	86,029	85,990	86,098	74,224
JULY		98,201	89,341	89,195	86,944	88,225	88,869	88,996
AUGUST		98,201	89,417	88,490	88,902	88,811	88,978	88,973
SEPTEMBER		88,166	86,525	86,109	86,044	85,974	86,010	86,157
OCTOBER		88,652	89,828	86,373	88,916	88,841	87,366	89,120
NOVEMBER		86,218	86,211	86,217	82,881	85,244	85,751	86,441
DECEMBER		88,973	89,035	89,444	88,909	88,890	87,468	72,909
Grand Total/Yr	172,326	1,065,256	1,047,564.00	1,039,302	1,037,725	1,036,469	1,031,630	988,048

Final Effluent Discharge Data

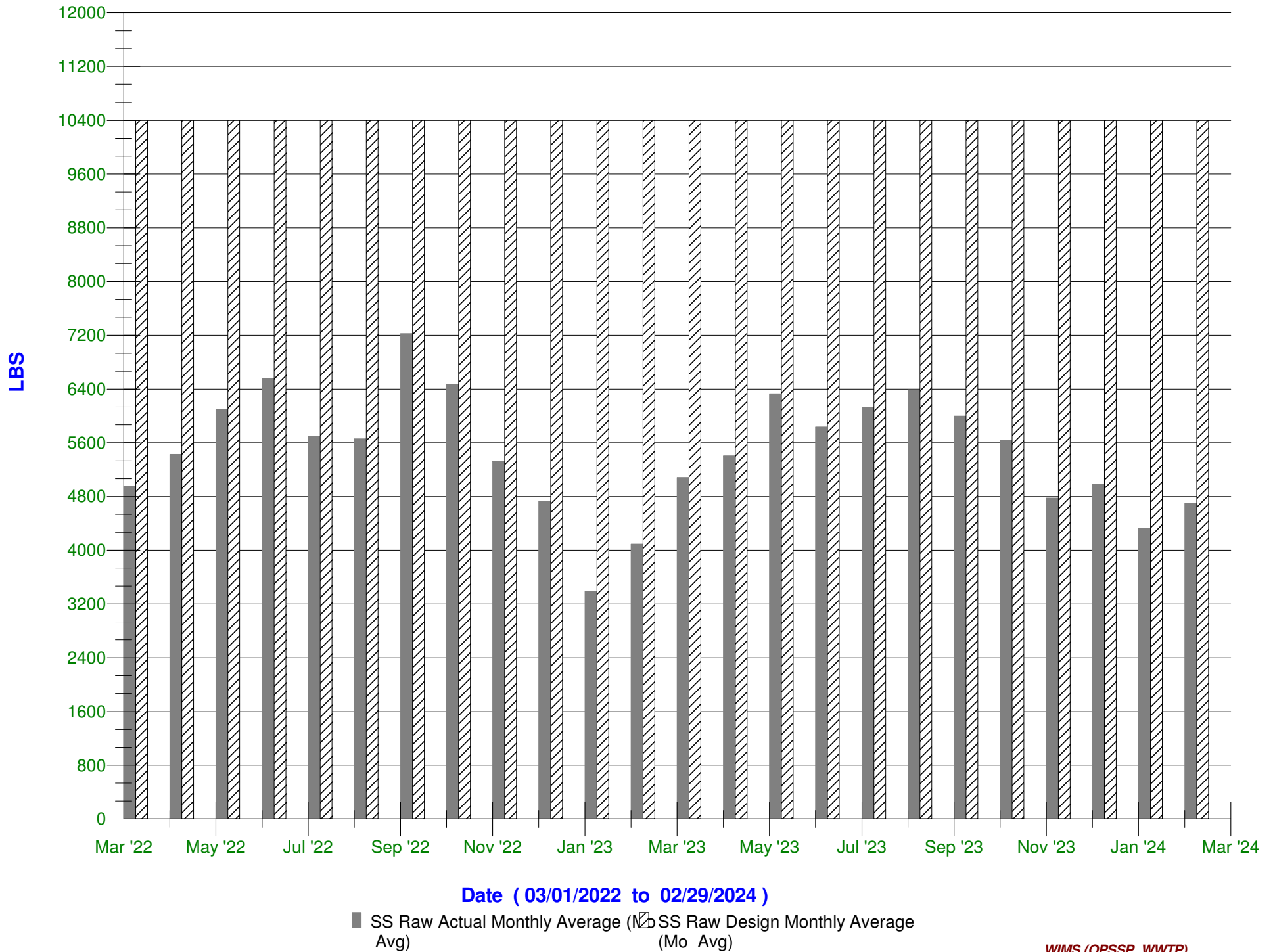
February 2024

		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
02/01/2024	0.00	2.153	2.544	263	2.80	99	4,722	59	368	3.56	99	6,607.82	76	5.490	0.320	99	7		40
02/02/2024	0.00	2.142	2.529	319	2.53	99	5,699	53	252	3.90	98	4,501.80	82	5.490	0.290	98	6		49
02/03/2024	0.00	2.007	2.385	295	2.38	99	4,938	47	280	3.17	99	4,686.75	63						
02/04/2024	0.00	2.054	2.434	228	2.66	99	3,906	54	248	2.80	99	4,248.33	57	5.160	0.300	88	6		31
02/05/2024	0.00	2.182	2.570	336	2.67	99	6,114	57	240	2.42	99	4,367.49	52						
02/06/2024	0.00	2.184	2.571	299	2.37	99	5,446	51	252	2.70	99	4,590.07	58						
02/07/2024	0.00	2.137	2.524	305	2.68	99	5,436	56	308	3.39	99	5,489.35	71						
02/08/2024	0.00	2.152	2.494	295	2.73	99	5,295	57	348	4.10	99	6,245.79	85						
02/09/2024	0.02	2.091	2.388	350	3.19	99	6,104	64	256	4.02	98	4,464.37	80	5.580	0.740	97	15		42
02/10/2024	0.00	1.958	2.233	264	3.00	99	4,311	56	212	3.82	98	3,461.90	71	6.020	0.410	98	8		47
02/11/2024	0.00	1.966	2.233	262	2.55	99	4,296	47	272	3.67	99	4,459.83	68	5.760	0.330	94	6		54
02/12/2024	0.00	2.098	2.373	320	8.29	97	5,599	164	268	3.30	99	4,689.28	65						
02/13/2024	0.00	2.117	2.398	327	3.22	99	5,773	64	272	4.60	98	4,802.37	92						
02/14/2024	0.00	2.126	2.396	332	3.84	99	5,887	77	348	4.60	99	6,170.33	92						
02/15/2024	0.15	2.126	2.390	255	3.17	99	4,521	63	196	4.00	98	3,475.24	80						
02/16/2024	0.00	2.078	2.350	299	2.99	99	5,182	59	272	5.40	98	4,713.90	106	5.870	0.274	102	5		52
02/17/2024	0.00	1.949	2.215	167	2.67	98	2,715	49	200	5.25	97	3,250.93	97	5.530	0.274	90	5		54
02/18/2024	0.00	2.007	2.285	239	3.64	98	4,000	69	200	3.79	98	3,347.68	72	5.360	0.274	90	5		52
02/19/2024	0.00	2.139	2.394	373	3.39	99	6,654	68	364	5.87	98	6,493.49	117						
02/20/2024	0.00	2.134	2.435	331	3.60	99	5,891	73	200	4.33	98	3,559.51	88						
02/21/2024	0.00	2.118	2.421	341	3.51	99	6,023	71	284	4.12	99	5,016.61	83						
02/22/2024	0.00	2.163	2.468	370	3.69	99	6,675	76	248	4.59	98	4,473.78	94						
02/23/2024	0.00	2.049	2.364	266	3.60	99	4,546	71	292	3.59	99	4,989.89	71	6.110	0.330	104	7		47
02/24/2024	0.00	2.004	2.298	247	3.33	99	4,128	64	240	3.21	99	4,011.21	62	5.390	0.310	90	6		37
02/25/2024	0.00	2.045	2.363	245	3.30	99	4,179	65	316	3.20	99	5,389.47	63	4.960	0.300	85	6		31
02/26/2024	0.00	2.103	2.444	279	4.41	98	4,893	90	240	3.90	98	4,209.36	79						
02/27/2024	0.00	2.088	2.424	283	4.02	99	4,928	81	292	4.75	98	5,084.86	96						
02/28/2024	0.05	2.037	2.342	347	4.26		5,899		308	3.97	99	5,232.48							
02/29/2024	0.00	2.101	2.409	442	5.07		7,740		240	6.50	97	4,205.36							
											100								
											100								
Total	0.22	60.508	69.674	8,679	100	2,669	151,500	1,807	7,816	116.52	3,055.1	36,239.27	2,121	66.720	4.152	1,135.531	81.528		534.300
Average	0.01	2.086	2.403	299	3	99	5,224	67	270	4.02	99	4,697.91	79	5.560	0.346	94.583	6.833		44.667
Maximum	0.15	2.18	2.57	441.75	8.29	99.21	7,740.49	164.07	368.00	6.50	100.00	6,607.82	117.20	6.11	0.74	104.41	14.74		53.70
Minimum	0.00	1.95	2.22	167.00	2.37	97.41	2,714.53	47.34	196.00	2.42	97.29	3,250.93	51.87	4.96	0.27	84.59	5.06		30.50

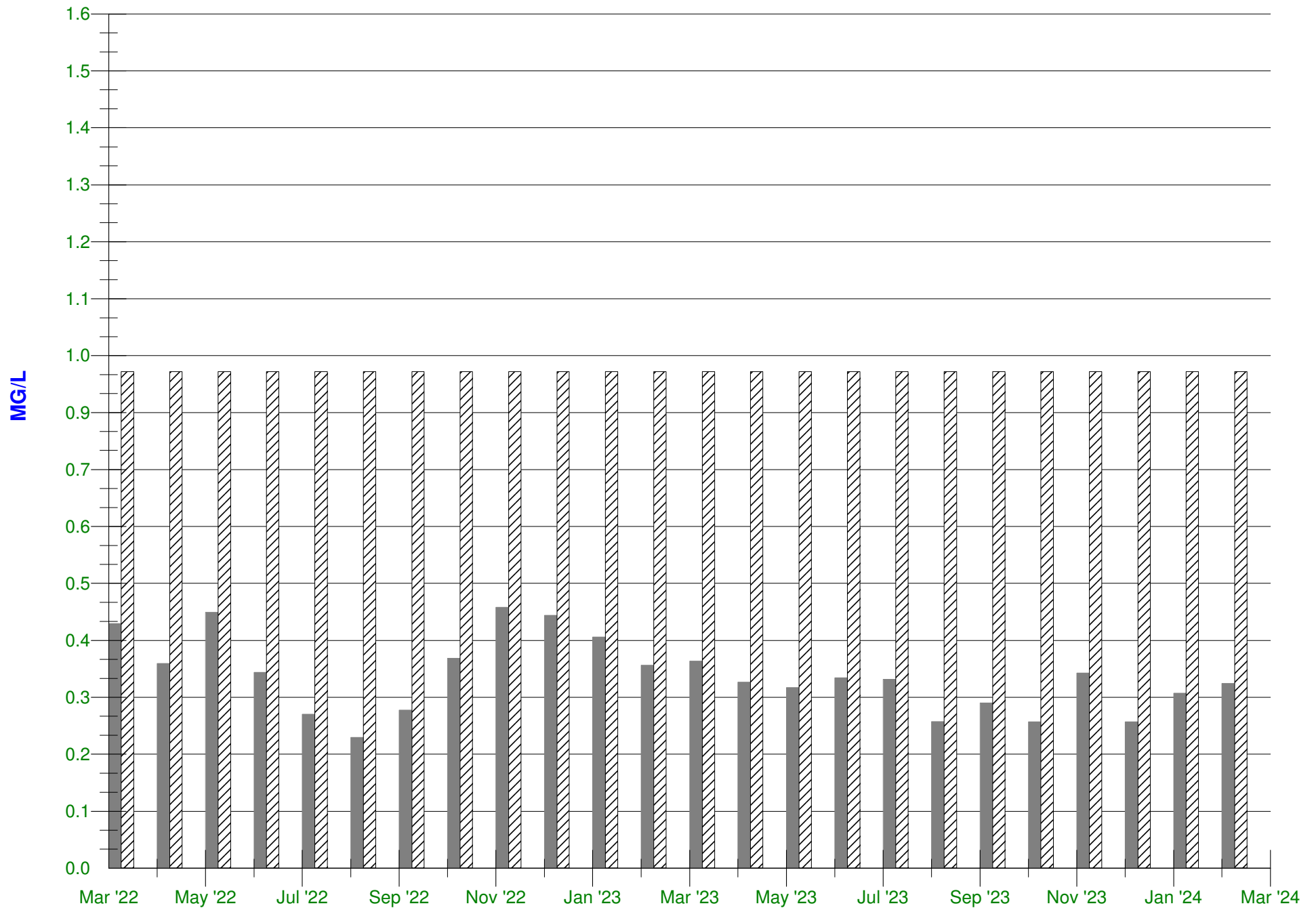
BOD Raw 2 Year History



SS Raw 2 Year History



Phosphorus mg/l 2 Year History



Date (03/01/2022 to 02/29/2024)

■ 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 2023	38	20	2.54	2.312	2.583	4.831	90	0.388	8	278	5,355	4.41	94.98	98	262	5,045	5.12	110.21	98	7,161	5,260	
Apr 2023	54	34	4.90	3.030	3.212	3.529	89	0.348	9	239	6,046	5.36	143.54	98	217	5,488	6.57	176.06	97	5,800	5,903	
May 2023	68	45	2.05	2.523	2.760	4.483	99	0.338	8	258	5,427	3.08	70.89	99	300	6,311	3.71	85.47	99	5,839	5,356	
Jun 2023	80	55	1.47	2.087	2.195	4.642	80	0.357	7	293	5,103	3.17	57.98	99	335	5,821	3.61	65.99	99	5,533	5,045	
Jul 2023	82	58	2.69	2.015	2.243	5.314	89	0.353	6	312	5,249	3.59	67.12	99	363	6,108	3.79	70.93	99	5,413	5,181	
Aug 2023	81	58	1.71	2.048	2.118	5.804	99	0.275	5	336	5,744	4.88	86.24	99	374	6,388	4.76	84.07	99	5,581	5,657	
Sep 2023	74	54	4.11	2.111	2.195	5.817	99	0.309	6	309	5,444	4.09	74.93	99	341	6,001	4.23	77.39	99	5,667	5,369	
Oct 2023	59	41	8.34	2.530	2.690	5.004	101	0.274	6	258	5,439	2.94	66.00	99	279	5,893	3.26	73.09	99	5,316	5,373	
Nov 2023	44	25	0.18	2.405	2.755	5.058	95	0.366	8	254	5,086	3.32	76.29	99	239	4,792	5.43	124.80	98	7,760	5,010	
Dec 2023	39	26	1.00	2.046	2.321	5.227	91	0.274	5	295	5,028	2.73	52.90	99	291	4,960	3.25	62.86	99	7,400	4,975	
Jan 2024	26	17	1.18	1.966	2.079	5.433	88	0.328	6	313	5,136	4.28	74.23	99	263	4,310	4.13	71.63	98	6,045	5,062	
Feb 2024	43	21	0.22	2.086	2.403	5.560	95	0.346	7	299	5,208	3.43	68.79	99	270	4,690	4.02	80.51	98	8,172	5,139	
Minimum	26	17	0.18	1.966	2.079	3.529	80	0.274	5	239	5,028	2.73	52.90	98	217	4,310	3.25	62.86	97	5,316	4,975	
Maximum	82	58	8.34	3.030	3.212	5.817	101	0.388	9	336	6,046	5.36	143.54	99	374	6,388	6.57	176.06	99	8,172	5,903	
Total	688	455	30.39	27.158	29.553	60.702	1,113	3.955	81	3,444	64,263	45.29	933.89	1,184	3,533	65,809	51.87	1,083.01	1,180	75,687	63,330	
Average	57	38	2.53	2.263	2.463	5.059	93	0.330	7	287	5,355	3.77	77.82	99	295	5,484	4.32	90.25	99	6,307	5,278	