

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
August 8, 2022 - 12:30 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: (303) 715-8592

Meeting ID: 820 26885705

(or immediately following the previously scheduled meeting)

AGENDA

Discussion and Possible Action on:

1. Roll Call.
2. Approval of Minutes
3. Approval of Department Claims
4. 2021 Audit Presentation
5. Water Supply and Distribution Reports - *Eric Southworth*
6. Sewage Treatment Operations Report - *Chris Lefebvre*
7. Purchase and installation of grinder pump - *Chris Lefebvre*
8. Construction and Maintenance Report - *Craig Czaikowski*
9. Hiring engineers for annual reconstruction projects - *Joel Lemke*
10. Community Area Network Report - *Joel Lemke*
11. Directors Report - *Joel Lemke*
12. Adjournment.

The next Water and Sewerage Commission meeting will be Monday, September 12, 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
July 11, 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: (303) 715-8592

Meeting ID: 820 26885705

MINUTES

Discussion and Possible Action on:

1. Roll Call.

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

EXCUSED ABSENCE: Mae Nachman

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

2. Approval of Minutes

Motion made by Carl Rasmussen, seconded by Ray Schmidt to approve the May 9, 2022 meeting minutes of the Board of Water & Sewerage Commission.

Ayes all. Nays none. Motion carried.

3. Approval of Department Claims

Joel/Staff fielded questions from Commissioner's on the claims regarding leak detection, cross connection software, lab fees, trees and checks cut to Heartland Business Systems. Leak detection is done after hydrant flushing is completed. Westrum Leak Detection comes in and does a survey of the entire system, acoustically. They listen to hydrants, valves etc to find leaks.

Cross Connection software called Tokay, keeps track of things we need for cross connection control. It will keep track of when inspections are needed and non-compliance issues. We also keep track of private wells in this software.

Chris explained the WWTP has to pay NR101 Fees and annual lab certification fees.

Motion made by Ray Schmidt, seconded by Carl Rasmussen to approve the department claims for the months of May and June 2022 as audited and read.

Ayes all. Nays none. Motion carried.

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

Eric stated the air mixer is installed and is up and running. We have noticed an uptake in chlorine levels when water is draining in tank, so that means the mixer is working. We did get into PFAS Sampling. We had 4 chemicals out of 105 come back with detections slightly over the detectable limits. Wausau had detection approximately 20 times higher than ours. Eric stated that the EPA will be implementing new Health Advisory limits for PFAS below detectable limits. Limits so low that labs won't even have the capability to test for them at the levels they will require. Eric stated they also did PFAS testing at the new Well 12 site to see what the limits were there. Well 12 had only one very small detection. They are now looking into the design of the Well 12 building. We have also been working on replacing the existing lights in the Water Department buildings with LED lighting to save money on Focus on Energy.

5. Annual CCR (Consumer Confidence Report) -*Joel Lemke*

Joel stated the postcards were mailed referring everyone to go to the website to view the latest CCR. Joel provided a brief overview of what is in the CCR. New this year is the information on PFAS and UCMR 4. The Commission wanted to know if there is a count on the website of how many view the CCR. Joel is going to check into it.

6. Sewage Treatment Operations Report - *Chris Lefebvre*

Chris stated the WWTP met all permit limits for May and June. Things have been going well. We are back to full staff and getting projects completed. We produced approximately 60% heat needed onsite in May and in June we produced 64%. We are still heating two digesters with natural gas because of repair work being done on one of the digesters, so the percentage of heat produced on site should increase once the digester repairs are completed. Precision Door and Glass replaced some of the old steel doors with fiberglass doors. DN Tanks is onsite working on some concrete restorations in our aeration basins.

7. Annual CMAR (Compliance Maintenance Annual Report) - *Chris Lefebvre*

Chris summarized the Compliance Maintenance Annual Report and the resolution.

The WWTP received a G.P.A. of 4.00 on the 2021 CMAR.

The Commission congratulated Chris and the staff on receiving all A's.

Motion made by Ray Schmidt, seconded by Carl Rasmussen to approve the 2021 Compliance Maintenance Annual Report.

Ayes all. Nays none. Motion carried.

8. Construction and Maintenance Report - *Craig Czaikowski*

Craig stated the crews are busy repairing manholes and working in conjunction with the City Streets department on road repairs and manholes and it is working out well. We are also continuing to replace lead services. They replaced ten last month and more are scheduled for this month. They will also be working on some small storm sewer installation projects.

9. Community Area Network Report - Joel Lemke

Joel stated this year's project is complete. Kennedy School is already using it. We are looking at running fiber to Plover Water.

10. Directors Report - Joel Lemke

Joel explained we have some quotes back on repairing the generators at Well 11. The quotes will be brought to the Commission next month but we will probably already be starting the repair process prior to next month's meeting. There is only one generator working out of four.

11. Adjournment.

Motion made by Ray Schmidt to adjourn the meeting.

Ayes all. Nays none. Motion carried.

Meeting Adjourned: 12:44PM

REPORT TO THE AUGUST 8TH, 2022
MEETING OF THE BOARD OF WATER AND SEWERAGE COMMISSIONERS

WATER DEPARTMENT

FINANCES:

Bank balance as of July 1, 2022
 Bank deposits recorded in July 2022

\$	3,585,934.61
\$	901,260.23
\$	4,487,194.84

CHECKS ISSUED JULY 2022:

56882 Employee	Salary	753.38
56883 Employee	Salary	350.38
56884 Mae Nachman	Salary	55.70
56885 Community Foundation of Central WI	Employee Contribution	10.00
56886 United Way Of Portage County	Employee Contribution	23.00
56887 Anchor Apartments	Refund Check 019371-000, 736 Division St.	63.43
56888 AnSer	After hours answering service	130.00
56889 Aramark	Rug service	67.54
56890 AT&T	Utility Garage Phone Charges	240.23
56891 Central Door Solutions, LLC	Replace tower door seal, replacement garage door, gate repairs	3,554.55
56892 City Of Stevens Point	Retirement, property insurance, PEHP contributions, concrete work	98,461.07
56893 Dolce Digital Imaging	CCR Postcards	673.25
56894 Fastenal Company	Caution tape, marking paint, gloves	528.99
56895 Franks Hardware Co Inc	Supplies	84.88
56896 Helen Gollon	Refund Check 037787-000, 2900 Frontenac Ave	36.73
56899 Heartland Business Systems, LLC	Veeam Annual Maint	136.59
56900 HydroCorp Meter Sales	Meter Reading Equipment	11,598.60
56901 Martelle Water Treatment	Chemicals	10,171.94
56903 Northern Lake Services Inc	Water Sample Testing	611.61
56904 Mastercard	Office supplies	370.57
56905 US Postmaster	20 rolls of forever stamps	1,200.00
56907 Springbrook Holding Company LLC	Online Portal Fees, Annual Software Maintenance Fee	19,068.37
56908 Aramark	Rug service	34.27
56909 AT&T	Phone Charges	725.78
56910 Blackburn Mfg Co	Flags for locates	235.55
56911 Complete Office of WI	Office Supplies	36.83
56912 County Materials Corp	Speedcrete	167.90
56913 Donna's Cleaning Service	Cleaning Service - Water Office & Utility Garage	300.00
56915 Fastenal Company	Hydrant Maintenance	175.26
56916 Ferguson Waterworks #1476	Radio Upgrades, Inventory	1,814.38
56917 First Supply LLC -Plover	Inventory	19,675.72
56919 Hawkins Inc	Chemicals	1,959.27
56920 Joshua Jumbeck	Refund Check 037172-000, 2444 Fourth Ave	24.98
56922 Rasmussen Plumbing & Heating	Heater replacement - Water St. Tower	1,156.88
56923 Kelly Smith	Refund Check 035164-000, 1232 Washington Ave (UPPER)	52.36
56925 Strand Associates Inc	Professional Services - Well 12	9,136.69
56926 Teamsters Union Local 662	Union Dues	1,515.00
56927 USA Blue Book	Water Treatment Supplies	944.22
56928 Water & Environmental Analysis Lab	Wellhead Protection Water Samples	7,482.00
56929 WI State Laboratory of Hygiene	Fluoride Testing	26.00
56931 Employee	Salary	504.61
56932 Batteries Plus	Batteries	24.62
56934 City Of Stevens Point	Workers Comp Insurance Premium	1,336.38

56935 Community Foundation of Central WI	Employee Contribution	10.00		
56936 Complete Office of WI	Replacement Chair-Brandon	436.75		
56938 Kramar	Annual Back Flow Preventor Inspections	580.00		
56940 SEH INC	Cell antenna engineering	1,268.67		
56941 Mastercard	Conference expenses, Foam insulation sheets & supplies, Web service, seminar registration	3,779.68		
56942 United Way Of Portage County	United Way	23.00		
56944 Water & Environmental Analysis Lab	Wellhead Protection Water Samples	2,580.00		
56947 AnSer	After hours answering service	142.00		
56948 Central States H & W Fund	Health Insurance Premium	44,259.09		
56949 Complete Office of WI	Office supplies	15.25		
56952 F & F Properties	Refund Check 038472-000, 723 Smith St.	5.28		
56953 Ferguson Waterworks #1476	Inventory	23,657.18		
56955 Heartland Business Systems, LLC	Monthly Managed Services	216.62		
56956 INFOSEND INC	Billing statement-printing/postage	2,226.90		
56958 Lincoln Contractors Supply Inc	Misc parts	207.55		
56959 Metal Crafters Inc	Valve keys	544.16		
56961 Petty Cash	Conference expense, postage & mileage	70.68		
56962 Spectra Print	Printing & postage - disconnection notices	404.72		
WPS	Utility Charges	34,266.12		
Payroll	Payroll	36,455.20		
IRS PR Tax	Payroll Taxes - Federal	31,521.14		
DOR PR Tax	Payroll Taxes - State	6,197.17		
Verizon Cell & iPad Charges	Phone & iPad Charges	493.95		
DOR Garnishment	Garnishment	9.05		
HRA Admin Fees	Admin Fees	30.00		
TOTAL EXPENSES LISTED			\$ 384,919.67	\$ 384,919.67
BALANCE ON HAND JULY 31, 2022				
	Balance on Hand		\$ 4,102,275.17	
	Plus uncleared checks		\$ 78,406.37	
	Less checks previously written clearing this month		\$ (90,428.11)	
	Ending Cash Balance matching Bank Statements		\$ 4,090,253.43	
	Less Restricted Funds		\$ (1,874,373.53)	
	Cash on Hand		\$ 2,215,879.90	

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

FINANCES:

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

\$	6,464,932.51
\$	673,545.28
\$	7,138,477.79

CHECKS ISSUED IN JULY 2022:

56887	Anchor Apartments	Refund Check 019371-000, 736 Division St.	73.70	
56889	Aramark	Rug service	368.47	
56890	AT&T	Utility Garage Phone Charges	120.12	
56891	Central Door Solutions, LLC	Gate repairs, replacement garage door	3,314.55	
56892	City Of Stevens Point	Retirement, fuel & employee deductions, PEHP contributions	53,755.84	
56895	Franks Hardware Co Inc	Supplies	456.82	
56896	Helen Gollon	Refund Check 037787-000, 2900 Frontenac Ave.	42.88	
56897	Hach Company	Nitrate	125.42	
56898	Hawkins Inc	Chemicals	673.75	
56899	Heartland Business Systems, LLC	Veeam Annual Maint	136.59	
56906	SJE	Troubleshoot issue with pump 3	1,290.44	
56907	Springbrook Holding Company LLC	Annual Software Maint Fee, Online Portal Fees	8,117.71	
56908	Aramark	Rug service	170.50	
56909	AT&T	Phone Charges	984.86	
56913	Donna's Cleaning Service	Cleaning Service - Utility Garage	25.00	
56914	Energenecs Inc	Troubleshoot alarm @ W. River Drive Lift Station	220.00	
56918	Harter's Fox Valley Disposal	Dumpster Service	543.30	
56920	Joshua Jumbeck	Refund Check 037172-000, 2444 FOURTH AVE	39.79	
56921	MacQueen Equipment	Nozzles - Vac Truck	16.72	
56923	Kelly Smith	Refund Check 035164-000, 1232 Washington Ave (UPPER)	50.75	
56924	Staab Construction Corp	Digester 3 Cover Repair	22,450.00	
56934	City Of Stevens Point	Workers Comp Insurance Premium	806.94	
56937	Jerry's Small Engine Supply Co.	Repairs to trimmer	242.00	
56938	Kramar	Annual Back Flow Preventor Inspections	630.00	
56939	NCL of Wisconsin Inc	Lab supplies	473.24	
56941	Mastercard	Supplies & seminar registration, door assembly supplies, conference expenses	909.16	
56943	USA Blue Book	Rust converter, paint	282.54	
56945	Airgas USA, LLC	Nitrogen	1,983.10	
56946	ANDRITZ Separation Inc.	Blade	7,954.77	
56948	Central States H & W Fund	Health Insurance Premium	12,844.55	
56950	DN Tanks Inc	Aeration basin & scum tank restoration	177,650.00	
56952	F & F Properties	Refund Check 038472-000, 723 Smith St.	7.33	
56954	Hach Company	Lab supplies	268.38	
56955	Heartland Business Systems, LLC	Monthly Managed Services	216.61	
56957	Ingersoll Rand Co	Elements, filters & coolant	1,944.80	
56960	Mobile Lock & Security	Lock repairs	273.50	
56961	Petty Cash	Conference expense, postage & mileage	28.35	
56963	USA Blue Book	Tube assembly	153.93	
	HRA	Admin Fees	30.00	
	Verizon Charges	Verizon Charges	253.62	
	WPS Utility Charges	Gas & Electric	33,978.36	
	Shared Operating Costs	Shared Operating Costs	32,759.36	
	Sewer Payroll	Payroll	53,192.50	
	Payroll Taxes	Payroll Taxes	3,146.43	
TOTAL OF EXPENSES LISTED			\$ 423,006.68	\$ 423,006.68
BALANCE ON HAND JULY 31, 2022				\$ 6,715,471.11
			Balance on Hand	\$ 6,715,471.11
			Plus uncleared checks	\$ 204,317.15
			Less checks previously written clearing this month	\$ (24,462.84)
Ending Cash Balance matching Bank Statements				\$ 6,895,325.42

<u>Less Restricted Balance</u>	\$	(4,312,597.65)
TOTAL	\$	2,582,727.77

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

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

STORM WATER/FIBER DEPARTMENT

FINANCES:

Bank balance as of July 1, 2022

\$ 3,060,103.78

Bank deposits recorded in July 2022

\$ 262,486.67

\$ 3,322,590.45

CHECKS ISSUED JULY 2022:

56890	AT&T	Utility Garage Phone Charges	120.12	
56891	Central Door Solutions, LLC	Replacement garage door	3,314.53	
56892	City Of Stevens Point	Concrete work, retirement, property insurance, PEHP contributions	13,155.28	
56895	Franks Hardware Co Inc	Tools	45.62	
56899	Heartland Business Systems, LLC	Veeam Annual Maint	136.59	
56902	Multimedia Communications & Engineering Inc.	Project Management Services	8,722.00	
56907	Springbrook Holding Company LLC	Annual Software Maint Fee, Online Portal Fees	8,117.71	
56910	Blackburn Mfg Co	Flags for locates	353.33	
56912	County Materials Corp	Speedcrete	167.90	
56913	Donna's Cleaning Service	Cleaning Service - Utility Garage	25.00	
56930	WiscNet	WisNet dark fiber service	7,150.00	
56932	Batteries Plus	Batteries	24.62	
56933	Candlewood Properties	Refund Check 025830-000, 732 Wadleigh St.	59.13	
56934	City Of Stevens Point	Workers Comp Insurance Premium	513.07	
56941	Mastercard	Supplies & seminar registration	93.34	
56948	Central States H & W Fund	Health Insurance Premium	8,943.86	
56951	Elexco	Fiber extension	174,818.12	
56952	F & F Properties	Refund Check 038472-000, 723 Smith St.	2.65	
56955	Heartland Business Systems, LLC	Monthly Managed Services	216.61	
56958	Lincoln Contractors Supply Inc	Misc parts	207.54	
	Shared Operating Costs	Shared Operating Costs	15,909.24	
	Verizon	Ipad & cell phone charges	401.56	
	Payroll	Payroll	17,811.32	
	IRS	Payroll Taxes	2,002.64	
	WPS	Monthly Utility Charges	39.13	
TOTAL OF EXPENSES LISTED			\$ 262,350.91	\$ 262,350.91
BALANCE ON HAND JULY 31, 2022				\$ 3,060,239.54

Balance on Hand	\$ 3,060,239.54
Plus checks written after the end of this month	
Plus uncleared checks	\$ 184,635.45
Less checks previously written clearing this month	\$ (17,195.95)
Ending Cash Balance matching Bank Statements	\$ 3,227,679.04

Stevens Point Utilities

Audit Results - December 31, 2021

Audit process summary

- > Auditor responsibilities include:
 - > Understanding processes, transactions and balances
 - > Identify key risks and design audit procedures
 - > Complete audit testing to obtain evidence to issue audit opinion
- > Managements' responsibilities include:
 - > Establish and maintain controls over financial reporting
 - > Provide all data for financial statements, including disclosures
 - > Provide us with written representations, Appendix B in the Reporting & Insights
- > Audit approach
 - > Focus on key transaction cycles, areas with significant estimates or any changes
 - > Areas include: cash & investments, revenues & receivables, disbursements, payroll, pensions & OPEBs, long-term debt, capital assets, net position, financial reporting and disclosures
- > Result: Financial statements received an unmodified opinion

Internal control matters

- > Auditor assists with preparation of year end adjustments and financial statements - reported as a material weakness

Required communications

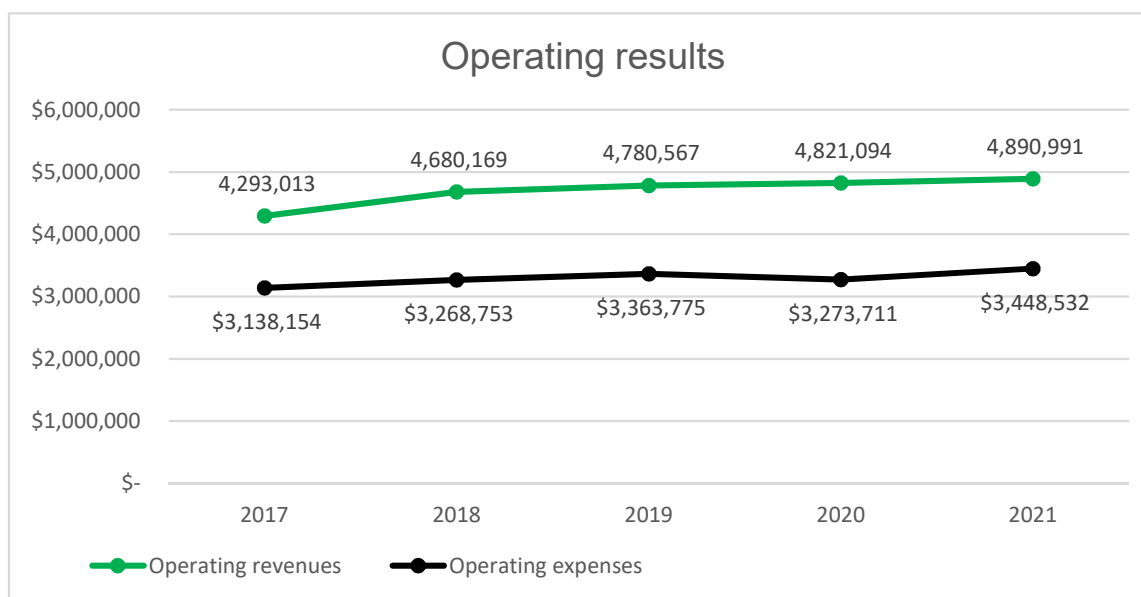
- > No new accountings standards or any concerns about policies
- > Accounting estimates - no concerns
- > No difficulties, audit findings or issues
- > No disagreements, unusual transactions or consultations
- > We did identify adjustments during the audit; included in the Reporting & Insights
- > No non-compliance, fraud or going concern noted



Stevens Point Utilities

Water Utility Results

	<u>Current Year</u>	<u>Prior Year</u>
Actual Rate of Return	2.95%	3.31%
Authorized Rate of Return	3.50%	3.50%



Unrestricted Reserves

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
Year end balance	\$ 5,536,809	\$ 1,311,737	\$ 2,293,321	\$ 2,933,457	\$ 1,996,077
Months on hand	15.48	3.36	5.76	7.30	4.90

Debt Coverage

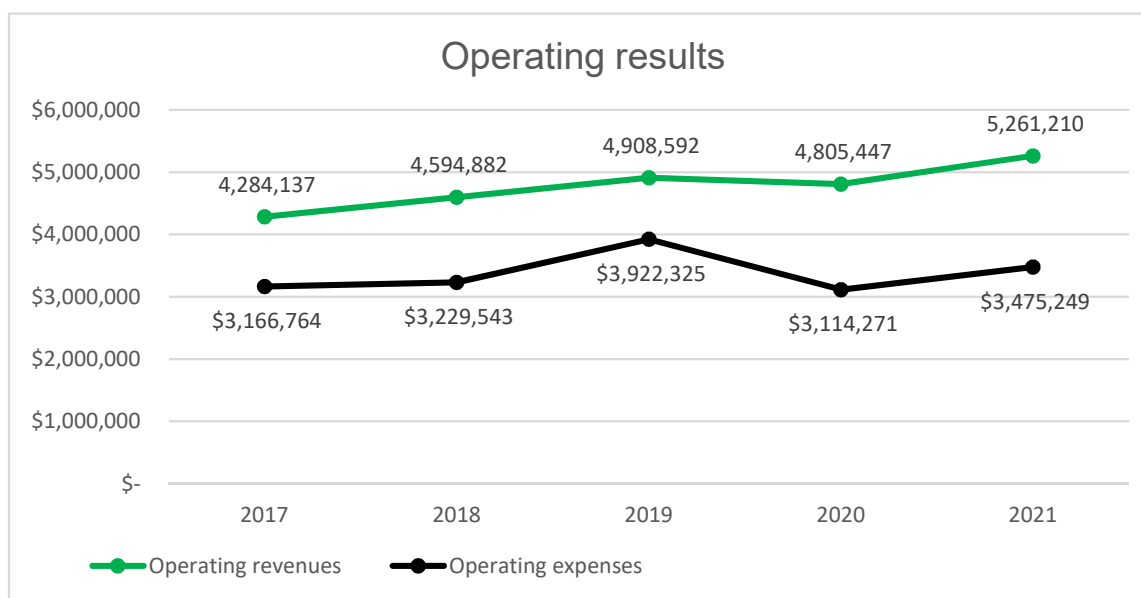
	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
Actual	3.35	3.76	3.85	4.02	3.96
Required	1.10	1.10	1.10	1.10	1.10

Investment in Capital



Stevens Point Utilities

Wastewater Utility Results



Unrestricted Reserves

	2017	2018	2019	2020	2021
Year end balance	\$ 3,881,074	\$ 2,134,109	\$ 1,822,986	\$ 828,357	\$ 1,935,376
Months on hand	10.87	5.57	4.46	2.07	4.41

Debt Coverage

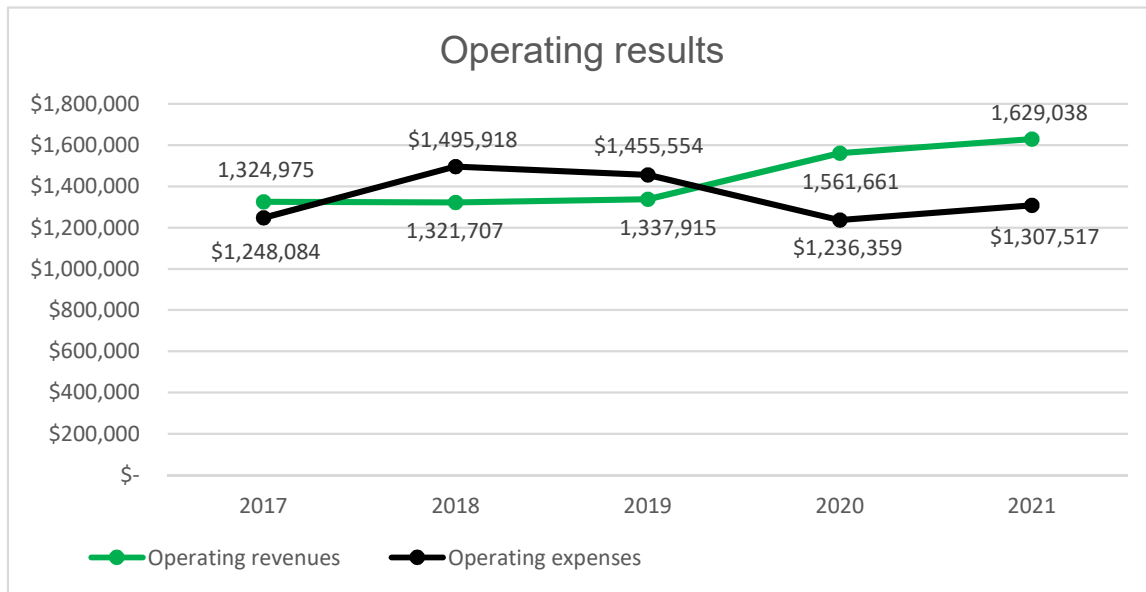
	2017	2018	2019	2020	2021
Actual	3.55	3.37	1.16	1.64	1.79
Required	1.25	1.25	1.25	1.25	1.25

Investment in Capital



Stevens Point Utilites

Stormwater Utility Results



Unrestricted Reserves

	2017	2018	2019	2020	2021
Year end balance	\$ 1,338,110	\$ 1,265,291	\$ 394,525	\$ 435,329	\$ 704,747
Months on hand	12.12	11.49	3.54	3.35	5.19

Debt Coverage

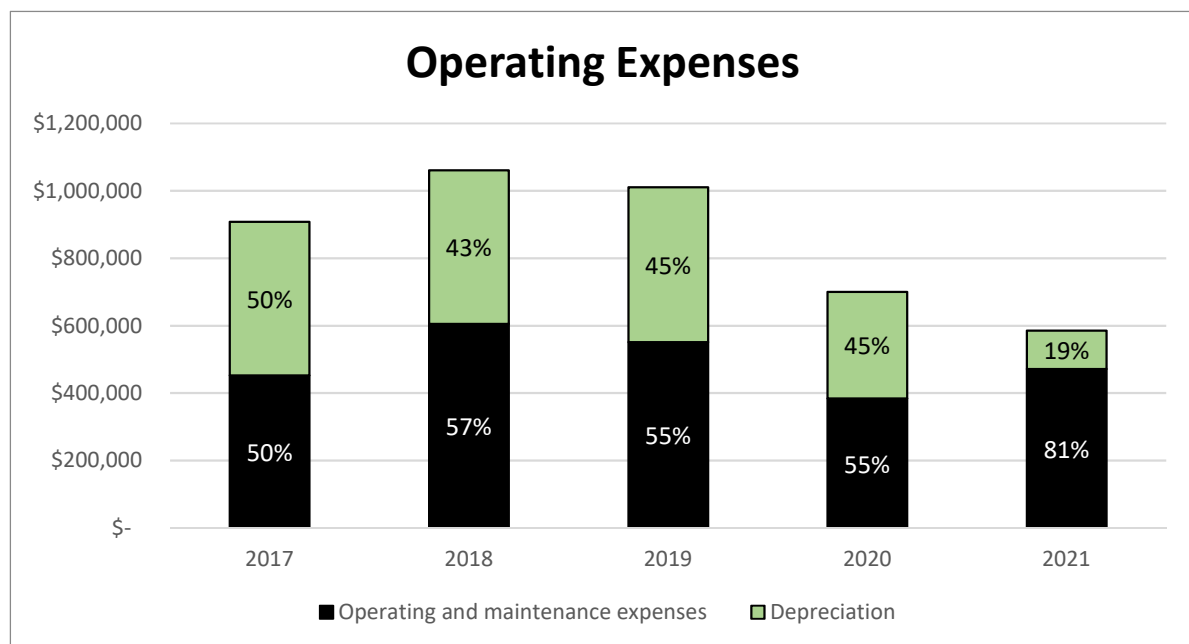
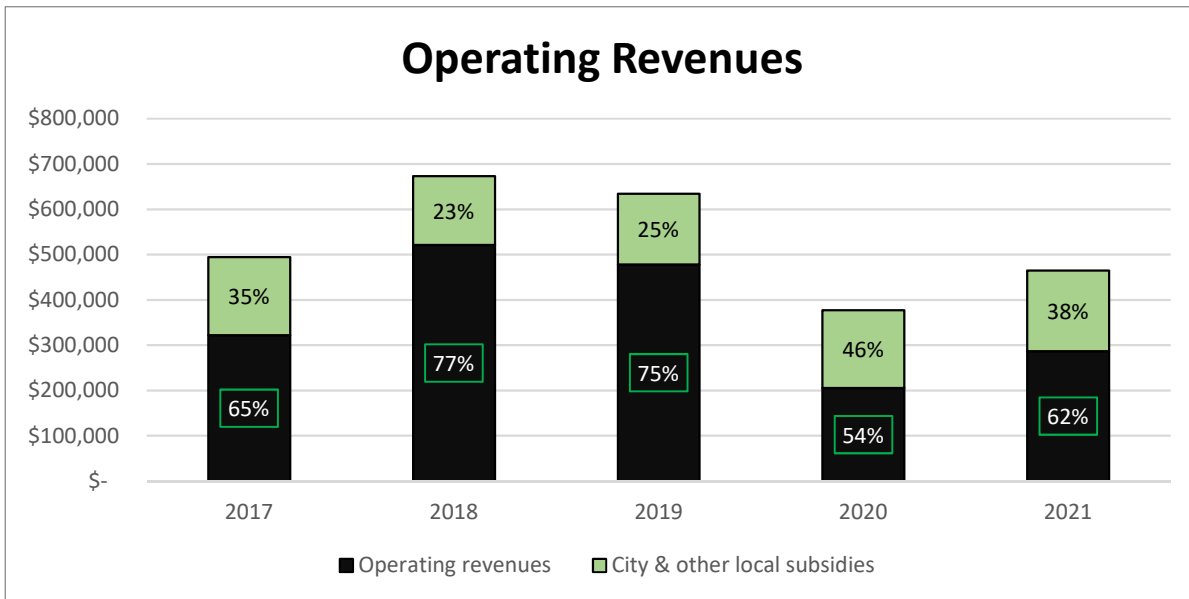
	2017	2018	2019	2020	2021
Actual	0.00	0.00	2.11	4.97	2.24
Required	0.00	0.00	1.10	1.10	1.10

Investment in Capital



City of Stevens Point

Airport Utility Results



Unrestricted Reserves

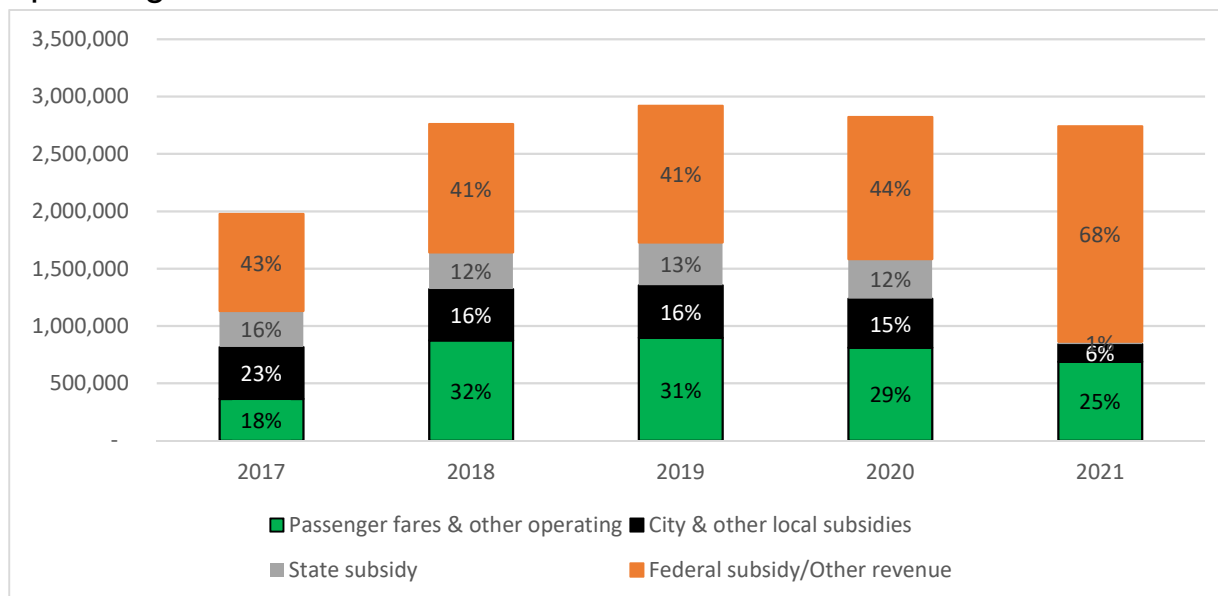
	2017	2018	2019	2020	2021
Year end balance	\$ 230,433	\$ 290,728	\$ 385,452	\$ 371,382	\$ 364,093
Months on hand	6.11	5.76	8.40	11.62	9.26

City of Stevens Point

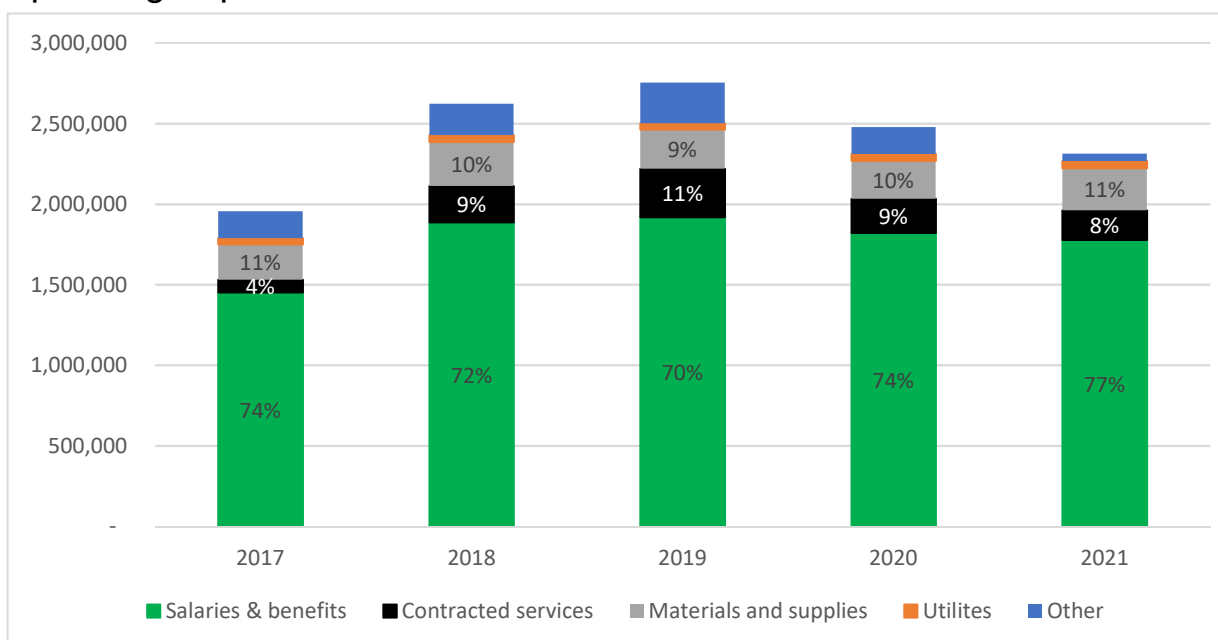
Transit System Results



Operating Revenues

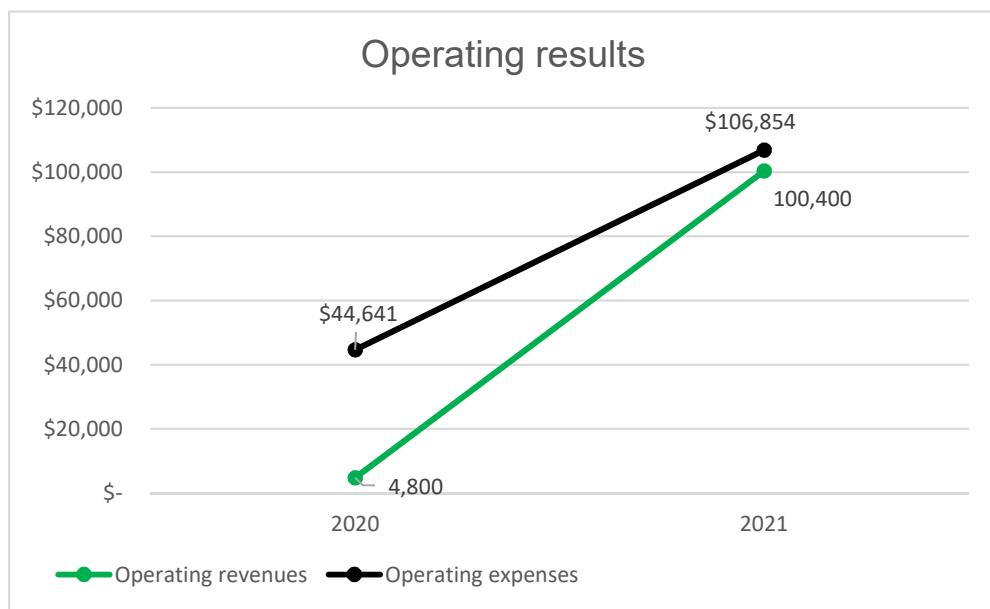


Operating Expenses



	Revenues	Expenses	Excess/ (Deficiency)
Current Year	\$ 2,740,434	\$ 2,311,871	\$ 428,563
Prior Year	\$ 2,821,432	\$ 2,478,200	\$ 343,232

Stevens Point Utilities Fiber Utility Results



Unrestricted Reserves

		<u>2020</u>		<u>2021</u>
Year end balance	\$	70,230	\$	269,008
Months on hand		175.58		32.15

Investment in Capital

Equity, 100%

WATERWORKS REPORT
FOR JULY 2022
CURRENT YEAR VS. PREVIOUS YEAR

	2021	2022	INCREASE	DECREASE	RECORD HIGH	DATE	
Total pumpage, gallons	214,800,000	261,545,000	46,745,000		323,144,000	Jul-02	
Daily pumping average, in gallons	6,929,030	8,436,940	1,507,910				
Peak pumpage, gallons, (date)	8,195,000 (3RD)	9,109,000 (18TH)			13,627,000	7/16/2002	
Low pumpage, gallons, (date)	6,118,000 (7th)	7,164,000 (16th)	1,046,000		2,095,000 3,802,000	07/18/71 7/20/2019	◀Record low since 1995 when the utility started providing water to Stora Enso.
Power bill	\$20,470.68	\$24,113.28	\$3,642.60		\$29,354.19	Jul-12	
K.W.H's used	231,339	257,783	26,444				
Gallons pumped per K.W.H.	929	1,015	86				

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	195,466	150,690	138,327	154,358	148,770	139,881	131,189	146,717	147,561	141,337
APRIL	171,871	146,563	127,470	135,713	133,238	142,367	135,484	145,731	154,752	145,137
MAY	211,721	174,529	149,292	154,346	168,410	141,687	175,174	173,606	151,986	167,083
JUNE	238,070	225,268	181,763	181,220	187,095	175,722	187,693	167,417	182,687	172,509
JULY	261,545	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	1,440,557	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)

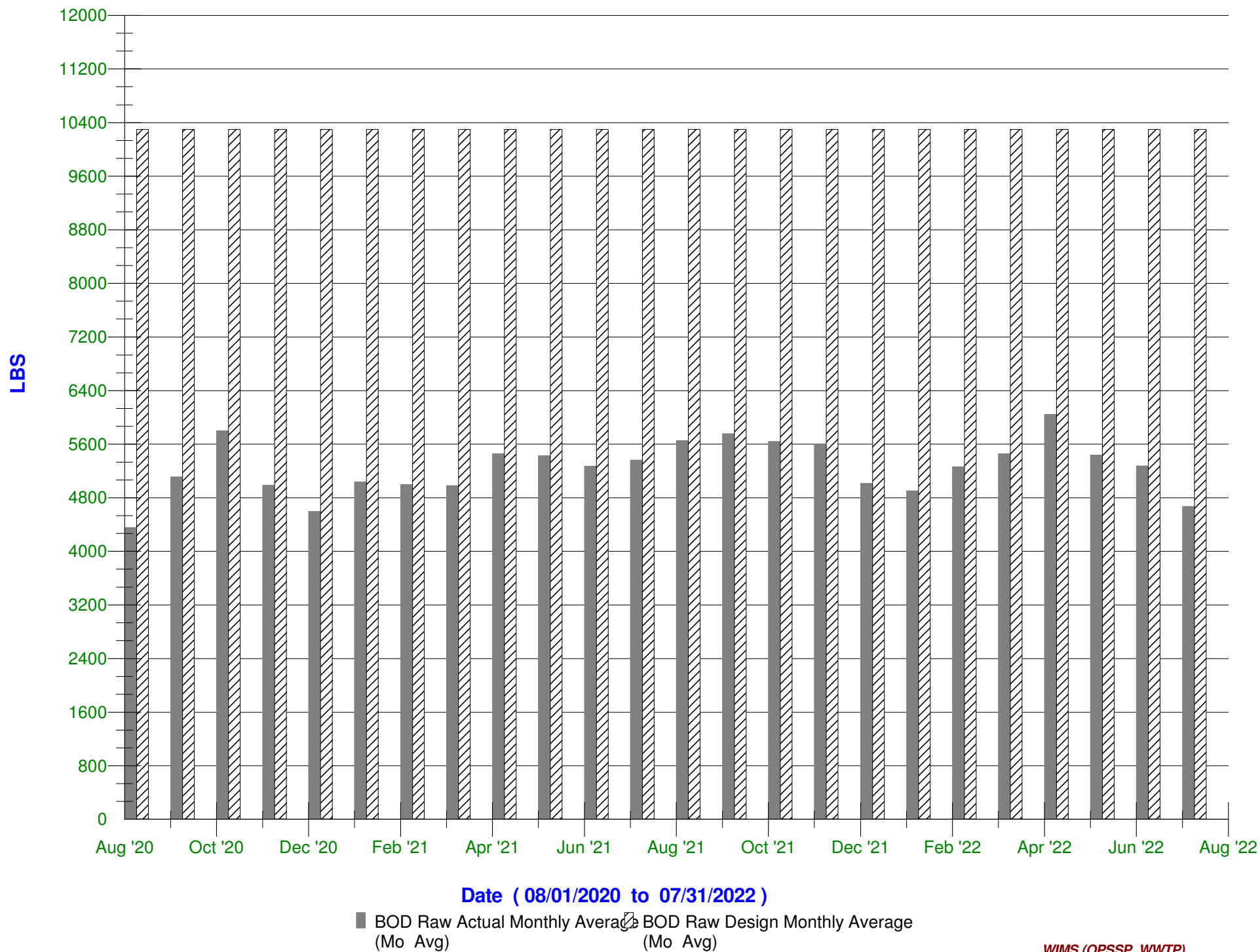
MONTH	2022	2021	2020	2019	2018	2017
JANUARY	88,942	83,106	82,287	82,112	88,989	89,079
FEBRUARY	80,355	80,293	83,129	80,253	80,441	80,474
MARCH	88,834	88,768	88,771	88,609	76,469	88,652
APRIL	84,742	86,110	86,022	84,640	86,223	76,187
MAY	88,861	88,978	88,891	88,880	88,968	66,836
JUNE	85,473	86,219	86,029	85,990	86,098	74,224
JULY	89,341	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	606,548.00	1,039,302	1,037,725	1,036,469	1,031,630	988,048

Final Effluent Discharge Data

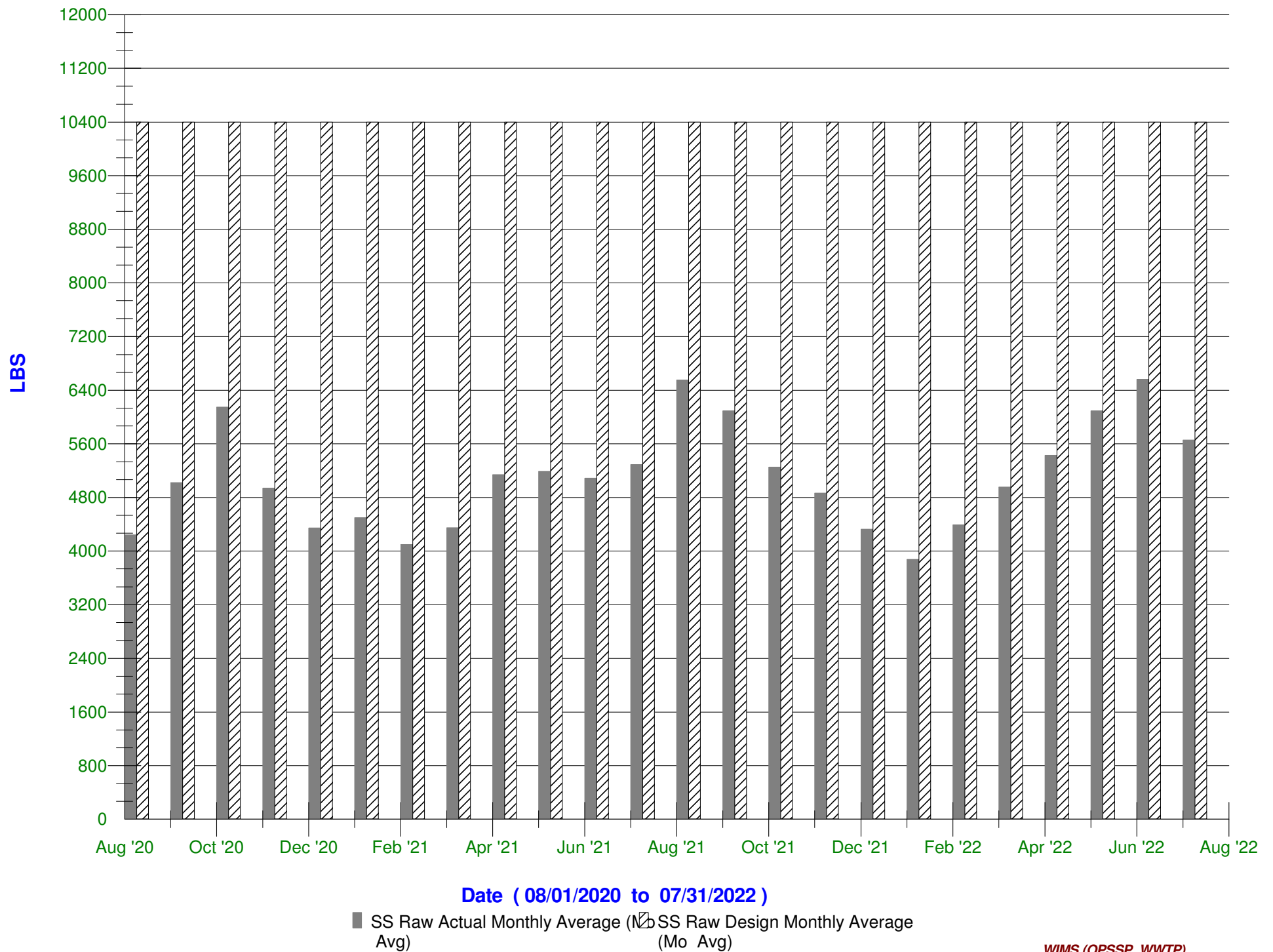
July 2022

		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
07/01/2022	0.05	2.030	2.485	227	3.81	98	3,843	79	284	3.16	99	4,808.18	65	5.190	0.460	88	10	55	17
07/02/2022	0.00	1.869	2.283	200	4.03	98	3,117	77	228	4.12	98	3,553.94	78	5.140	0.410	80	8		25
07/03/2022	0.00	1.832	2.263	191	3.46	98	2,918	65	276	2.83	99	4,216.97	53	5.100	0.440	78	8		23
07/04/2022	0.00	2.022	2.499	183	4.20	98	3,086	88	348	4.00	99	5,868.49	83						
07/05/2022	0.82	2.197	2.772	304	6.31	98	5,570	146	476	5.60	99	8,721.74	129						
07/06/2022	0.00	2.120	2.613	291	4.86	98	5,145	106	380	4.74	99	6,718.70	103						
07/07/2022	0.00	2.188	2.650	278	4.02	99	5,073	89	328	4.50	99	5,985.32	99						
07/08/2022	0.03	2.146	2.483	281	3.06	99	5,029	63	308	4.65	98	5,512.47	96	5.780	0.260	103	5	81	20
07/09/2022	0.00	1.906	2.355	194	2.41	99	3,084	47	184	1.60	99	2,924.87	31	4.590	0.240	73	5		22
07/10/2022	0.00	1.958	2.376	196	2.97	98	3,201	59	248	2.87	99	4,049.77	57	4.580	0.200	75	4		22
07/11/2022	0.04	2.186	2.704	295	4.57	98	5,378	103	316	3.76	99	5,761.07	85						
07/12/2022	0.45	2.185	2.669	281	4.87	98	5,121	108	368	4.23	99	6,706.03	94						
07/13/2022	0.30	2.180	2.649	339	4.31	99	6,163	95	492	3.01	99	8,945.15	66						
07/14/2022	0.00	2.147	2.587	313	3.66	99	5,605	79	296	4.23	99	5,300.17	91						
07/15/2022	0.69	2.353	2.864	294	4.33	99	5,769	103	332	3.86	99	6,515.17	92	4.440	0.260	87	6	53	21
07/16/2022	0.24	2.041	2.524	238	4.28	98	4,051	90	224	3.98	98	3,812.91	84	4.770	0.240	81	5		25
07/17/2022	0.00	2.048	2.514	202	4.30	98	3,450	90	284	8.19	97	4,850.81	172						
07/18/2022	0.00	2.194	2.662	247	5.79	98	4,520	129	284	6.26	98	5,196.62	139	5.570	0.290	102	6		29
07/19/2022	0.00	2.205	2.452	310	4.99	98	5,701	102	304	6.80	98	5,590.47	139						
07/20/2022	0.00	2.164	2.366	304	3.93	99	5,487	78	384	3.56	99	6,930.34	70						
07/21/2022	0.04	2.159	2.355	300	4.65	98	5,402	91	300	4.44	99	5,401.82	87						
07/22/2022	0.00	2.121	2.285	256	4.75	98	4,528	91	284	5.45	98	5,023.72	104						
07/23/2022	0.00	2.021	2.167	225	4.01	98	3,792	72	292	3.73	99	4,921.70	67	4.460	0.210	75	4		10
07/24/2022	0.93	2.079	2.246	226	4.23	98	3,919	79	308	4.63	98	5,340.37	87	4.810	0.220	83	4		11
07/25/2022	0.00	2.093	2.220	237	4.18	98	4,137	77	280	4.70	98	4,887.57	87	5.460	0.230	95	4	25	11
07/26/2022	0.00	2.182	2.300	460	5.88	99	8,371	113	524	6.90	99	9,535.69	132						
07/27/2022	0.00	2.108	2.463	317	5.88		5,577		436	6.41	99	7,665.19							
07/28/2022	0.04	2.215	2.490	362	7.37		6,678		400	5.87	99	7,389.24							
07/29/2022	0.00	2.017	2.410								100								
07/30/2022	0.00	1.869	2.249								100								
07/31/2022	0.00	1.926	2.318								100								
Total	3.63	64.761	76.273	7,551	125	2,557	133,716	2,320	9,168	128.08	3,060	162,134.50	2,395	59.890	3.460	1,021.237	69.581	214.000	236.000
Average	0.12	2.089	2.460	270	4	98	4,776	89	327	4.57	99	5,790.52	92	4.991	0.288	85.000	5.750	53.500	19.667
Maximum	0.93	2.35	2.86	460.00	7.37	98.91	8,371.02	145.88	524.00	8.19	100.00	9,535.69	171.72	5.78	0.46	103.45	9.53	81.00	29.00
Minimum	0.00	1.83	2.17	183.00	2.41	97.66	2,918.27	47.33	184.00	1.60	97.12	2,924.87	31.43	4.44	0.20	72.96	3.80	25.00	10.10

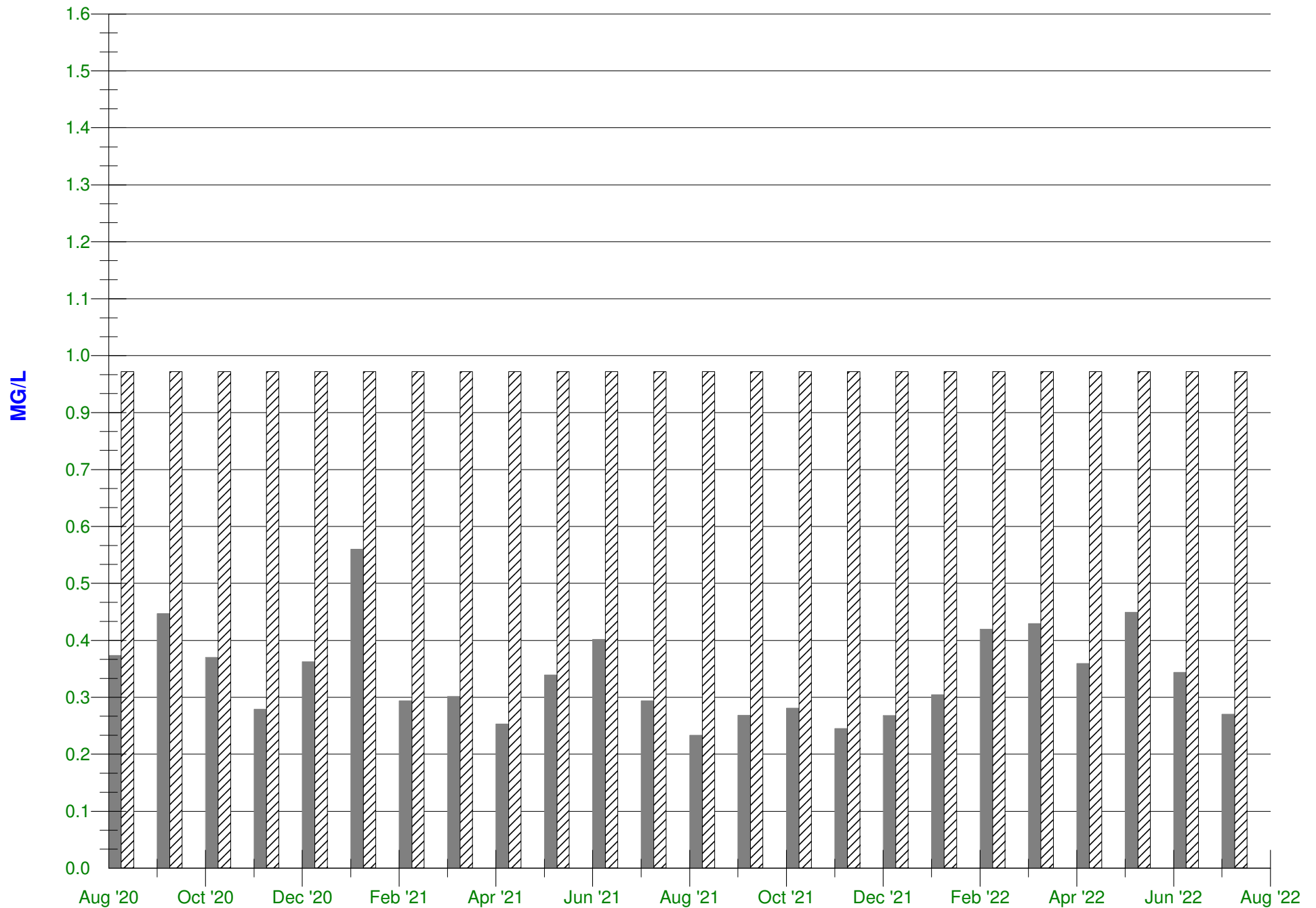
BOD Raw 2 Year History



SS Raw 2 Year History



Phosphorus mg/l 2 Year History



Date (08/01/2020 to 07/31/2022)

■ 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	%			
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	
Mar 2022	38	21	2.85	2.096	2.201	6.168	103	0.458	8	312	5,448	6.68	122.66	98	284	4,970	7.69	141.18	97	3,671	5,325	
Apr 2022	46	30	2.69	2.472	2.789	4.813	98	0.383	9	291	6,008	6.86	159.48	97	263	5,413	7.39	171.90	97	4,227	5,849	
May 2022	68	47	2.97	2.293	2.647	6.378	123	0.479	11	283	5,417	6.32	139.49	98	318	6,086	5.68	125.45	98	4,935	5,278	
Jun 2022	77	54	3.25	2.101	2.459	5.276	92	0.367	8	301	5,270	3.78	77.40	99	374	6,559	3.03	62.15	99	4,880	5,193	
Jul 2022	81	59	3.63	2.089	2.460	4.991	85	0.288	6	270	4,698	4.47	91.69	98	327	5,705	4.57	93.86	99	4,955	4,607	
Minimum	19	-2	0.31	1.875	1.973	4.248	85	0.249	5	255	4,698	3.78	71.42	97	250	3,911	3.03	62.15	97	2,929	4,607	
Maximum	81	61	10.28	2.748	3.023	6.807	126	0.479	11	329	6,008	6.86	159.48	99	374	6,699	7.69	171.90	99	5,594	5,849	
Total	647	412	32.24	26.499	29.247	68.754	1,244	4.131	82	3,543	64,751	59.75	209.69	1,179	3,485	64,215	58.95	1,194.32	1,178	49,374	63,541	
Average	54	34	2.69	2.208	2.437	5.730	104	0.344	7	295	5,396	4.98	100.81	98	290	5,351	4.91	99.53	98	4,115	5,295	

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



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

August 4, 2022

TO: Water and Sewerage Commission
RE: Grinder pump installation in the biosolids building

Commissioners,

In an effort to decrease after-hours calls associated with the biosolids drying process, staff has successfully piloted the installation of a grinder pump ahead of the belt filter press. This pilot was effective and showed an 83% decrease in after-hours calls for that process. There are increased polymer costs associated with this operational change, but the decrease in calls is certainly a benefit that has more than monetary value associated with it.

To get this pilot project permanently installed involves the purchase of the pump, mechanical work for installation, and electrical work. Quotes have been requested and received from multiple parties that we work with routinely. In total, the project is estimated at \$28,000.

Staff respectfully requests permission to procure and install a grinder pump in the biosolids building at a cost not to exceed \$28,000. This request would result in a modification to the previously approved 2022 Capital Operations and Maintenance budget.

Thank you for your consideration.

Sincerely,

Joel Lemke
Director of Public Utilities

SEWER REPORT FOR THE MONTH OF JULY 2022

2022	
9,188	feet of sanitary sewer flushed
15,610	feet of sanitary sewer cut
-	feet of storm sewer cut
-	feet of storm sewer jetted
29,834	feet of sanitary sewer jetted
452	feet of sewer main televised
-	feet of storm main televised

v.s.

2021	
12,051	feet of sanitary sewer flushed
500	feet of sanitary sewer cut
-	feet of storm sewer cut
-	feet of storm sewer jetted
34,458	feet of sanitary sewer jetted
366	feet of sewer main televised
-	feet of storm main televised



August 4, 2022

TO: Water and Sewerage Commission
RE: Hiring of consulting engineer for annual reconstruction projects

Commissioners,

The engineering for our largest project every year (full reconstruction project) involves the hiring of a consulting engineer. This hiring is a coordinated effort between our Department and the Department of Public Works. In recent years our projects have grown significantly and the required timeline for hiring this consulting engineer has changed.

Traditionally, the DPW and Utilities have begun the engineering efforts around October of the year prior to construction. With smaller projects this presented fewer problems that it does today. One significant problem we have run in to is working in a productive and efficient way with the relocation of other utilities like those owned by WPS. If WPS doesn't have plans early enough, we risk project set-backs while we wait for them to relocate utilities. They have requested our finished plans by October of the year prior to construction.

Starting engineering earlier in the year presents some budgeting issues with the Department of Public Works. Because of this, and the fact that DPW covers all of the project costs until near the end of the year for our department, we are proposing to begin engineering earlier in the year and hold those costs for DPW until the budgeting is approved by the City for their project. DPW ends up covering far more costs for the Utility Department than we will cover in engineering services, so this approach seems to be very logical and it solves many scheduling issues.

Staff respectfully requests permission to begin engineering services for our annual reconstruction projects any time in the year prior to that project with the intention of holding DPW-related expenses incurred on that project until the necessary budgets are approved and a billing can occur related to those services.

Thank you for your consideration.

Sincerely,

Joel Lemke
Director of Public Utilities