

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
May 9, 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

AGENDA

Discussion and Possible Action on:

1. Roll Call.
2. Approval of Minutes
3. Approval of Department Claims
4. Water Supply and Distribution Reports - *Eric Southworth*
5. Sewage Treatment Operations Report - *Chris Lefebvre*
6. Construction and Maintenance Report - *Craig Czaikowski*
7. Community Area Network Report - *Joel Lemke*
8. Directors Report - *Joel Lemke*
9. Adjournment.

The next Water and Sewerage Commission meeting will be Monday, June 13, 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
April 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, and Mae Nachman

EXCUSED ABSENCE: Anna Haines and Ray Schmidt

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

2. Approval of Minutes

Motion made by Carl Rasmussen, seconded by Mae Nachman to approve the March 14, 2022 meeting minutes of the Board of Water & Sewerage Commission.

Ayes all. Nays none. Motion carried.

3. Approval of Department Claims

Motion made by Mae Nachman, seconded by Carl Rasmussen to approve the department claims for the month of March 2022 as audited and read.

Ayes all. Nays none. Motion carried.

4. 2022 Reconstruction Projects and impact on 2022 Capital - Joel Lemke

Joel explained that for several years we've been planning these reconstruction projects to be just over a mile. The projects that were originally estimated for 2022 did not include two alternates and the estimates were at least 30% low due to inflation and other factors. The low bid for the Water Utilities came in at \$1,555,246. It was originally estimated to be \$668,000. The low bid for the Sewer came in at \$1,664,276. It was originally estimated to be \$592,720. The low bid for Storm came in at \$1,485,761. It was originally estimated to be \$834,000.

Joel stated we need to replace our infrastructure every 100 years and we are on pace for this. Joel will be looking into borrowing or rate adjustments to accommodate this rate of utility reconstruction. Joel is taking this to the Board of Public Works tonight

and would like to report that the Commission has approved these bids. The bids were very competitive.

Motion made by Carl Rasmussen, seconded by Mae Nachman to approve the low bids for the 2022 Reconstruction Projects.

Ayes all. Nays none. Motion carried.

5. Water Supply and Distribution Reports - Eric Southworth

Eric stated water consumption is going up mainly due to the mill using more water. The mill will be connecting to our water distribution system for fire protection on April 23 as well. Well 12 has been installed and they will start the 24 hour test pumping. By the end of the week, we should have samples sent into the lab to see what the water quality looks like.

6. Scope of services with Strand and Associates for Well 12 - Joel Lemke/Eric Southworth

This Scope of Services was previously approved on the Capital Operations and Maintenance Plan. Joel pointed out on page 22 the Preliminary Opinion of Probable Construction Cost for Well 12 listed as \$1,614,000. Strand's Scope of Services through this part of the project is \$307,000.

Well 12 will be connected to the treatment plant at Well 4 for treatment of iron and manganese.

7. Sewage Treatment Operations Report - Chris Lefebvre

Chris stated the WWTP met all the DNR permit limits for the month of March. The dryer is back up and running and everything is going well.

8. Construction and Maintenance Report - Craig Czaikowski

Craig stated the frost is out of the ground, so the crew is working on a project installing storm sewer. Hydrant flushing will be done again in May. They will also be starting work on the lead service replacement in May as well.

9. 2021 MS4 Annual Report - Joel Lemke/Craig Czaikowski

Joel provided the Commission with a brief summary of the 2021 MS4 Annual Report. The full report was provided to the Commission in the packet for their review. Joel stated we are up to date on all permit requirements.

Motion made by Mae Nachman, seconded by Carl Rasmussen to approve the DNR 2021 MS4 Annual Report.

Ayes all. Nays none. Motion carried.

10. Community Area Network Report - Joel Lemke

Joel stated we awarded the 2022 Fiber Project. The project is underway. They will be out marking this week.

11. Directors Report - Joel Lemke

Nothing to report.

12. Adjournment.

Motion made by Carl Rasmussen to adjourn the meeting.

Ayes all. Nays none. Motion carried.

Meeting Adjourned: 12:27PM

REPORT TO THE MAY 9TH, 2022
MEETING OF THE BOARD OF WATER AND SEWERAGE COMMISSIONERS

WATER DEPARTMENT

FINANCES:

Bank balance as of April 1, 2022

\$ 3,547,209.57

Bank deposits recorded in April 2022

\$ 176,723.79

\$ 3,723,933.36

CHECKS ISSUED APRIL 2022:

56547 Mae Nachman	Salary	55.70
56550 Aramark	Rug Service	33.27
56551 AT&T	Phone Charges	35.96
56552 Badger Heating & Air Conditioning	Trouble shoot - no heat	196.00
56553 Batteries Plus	Batteries & backup battery for alarm system	69.96
56555 CORE & MAIN LP	Replacement Measuring Chambers	3,141.72
56557 First Supply LLC -Plover	Wheels for valve stems.	1,020.15
56559 Hawkins Inc	Chemicals for Water Treatment	4,732.20
56560 Heartland Business Systems, LLC	MS 365 Monthly License	138.66
56564 Spectra Print	Delinquent Notices	409.89
56565 Stuczynski Trucking	1 1/2" Stones	229.50
56566 Truckshop USA	Seat Covers, Fuel Tank	549.00
56569 AnSer	After hours answering service	110.00
56570 Aramark	Rug service	33.27
56571 AT&T	Utility Garage Phone Charges	224.21
56572 Baker Tilly Virchow Krause LLP	Audit charges	3,981.68
56573 CORE & MAIN LP	Meter parts & gaskets	3,506.90
56574 Ferguson Waterworks #1476	Inventory	215.00
56576 Franks Hardware Co Inc	Supplies	247.24
56577 Hawkins Inc	Filter	439.00
56578 Ryan Lambert	Refund Check 033040-000, 1220C Second St.	36.06
56579 Multi Media Channels, LLC	Ad for patching bids	64.00
56583 Mastercard	Fuel, bulbs, conference expenses, supplies	286.53
56587 Community Foundation of Central WI	Green Circle - Employee Contribution	10.00
56588 United Way Of Portage County	United Way	23.00
56589 Aramark	Rug Service	33.27
56590 AT&T	Phone charges	679.62
56592 Carlson Maintenance & Mgmnt	Refund Check 014898-000, 825 Michigan Ave.	50.63
56593 CORE & MAIN LP	Inventory	94.79
56596 Donna's Cleaning Service	Cleaning service-Water Office & Utility Garage	300.00
56597 Ferguson Waterworks #1476	Inventory	9,749.00
56600 North Haven Investments LLC	Refund Check 037720-000, 5209 Carol's Lane	291.58
56602 Springbrook Holding Company LLC	Monthly online payment - per transaction fee	1,311.00
56603 Strand Associates Inc	Professional Services for Well 12	1,102.73
56604 USA Blue Book	Gasket & tubes	516.66
56605 Waste Mangmt of WI-MN	Dumpster Service	275.16
56606 WI State Laboratory of Hygiene	Fluoride sampling	26.00
56607 Wisconsin Shoring & Supply Inc.	Confined Space Equipment	243.34
56610 City of Stevens Point	Refund Check 025783-000, 817 Second St. No.	58.04
56611 Dakota Electric Services Inc	Tower Mixer Hook Up	879.34
56612 Decker Supply Co Inc.	Sign Stand	74.33
56614 Ferguson Waterworks #1476	Pipe & Meter Parts	1,013.53
56615 First Supply LLC -Plover	Parts for water tower mixing system	37.88
56616 H&S Protection Systems Inc	Remote Alarm Batteries	16.00
56618 Heartland Business Systems, LLC	Managed Services - April, ESRM Managed Services-February & March	391.85

56619 Infosend Inc.	March Statement - Printing & Postage	2,255.31	
56620 Nkau Yer Lor	Refund Check 036957-000, 3941 Doolittle Dr. #11	42.85	
56622 Metal Crafters Inc	Tower Air Mixer Parts	362.25	
56625 SEH INC	Engineering Services-Sprint Water Tower	1,732.93	
56626 Spectra Print	Disconnection Notices Printing & Postage	349.40	
56627 Kristopher J Spindler	Uniform Reimbursement	126.59	
56628 Staples Credit Plan	Office Supplies	112.82	
56629 Teamsters Union Local 662	Union dues	1,515.00	
56630 Total Energy Systems LLC	Troubleshoot Well 11 Generator	1,223.40	
56631 Mastercard	DNR Certification Training, Tower Air Mixer Supplies, IT Pipes, Cable Ties & Conference/Training Expenses	2,183.47	
56633 Batteries Plus	Batteries	28.84	
56634 Central Door Solutions, LLC	Gate Repair	640.00	
56636 Hawkins Inc	Chemicals	2,912.43	
56637 HydroCorp Meter Sales	Meters	8,108.25	
56638 Petty Cash	Mileage, Work Anniversary Gift	201.15	
56640 Reinders Inc	Irrigation System Replacement Pop-Up Head	17.83	
56641 Community Foundation of Central WI	Green Circle - Employee Contribution	10.00	
56642 United Way Of Portage County	United Way	4.00	
56643 AFLAC	Insurance Premium	26.50	
56644 Aramark	Rug Service	33.27	
56646 Central States H & W Fund	Health Insurance Premiums	42,056.29	
56647 City Of Stevens Point	Workers Comp Premiums	2,020.71	
56648 Complete Control Inc.	Troubleshoot heating issue at utility garage	187.11	
56649 CORE & MAIN LP	Meters	8,610.00	
56650 Fastenal Company	Gloves & Hole saw	523.65	
56651 First Supply LLC -Plover	Pipe - Inventor	2,152.80	
56653 Heartland Business Systems, LLC	ESRM Managed Services, Microsoft 365 Monthly Subscription	225.44	
56654 John Fabick Tractor Co	Skid Steer Maint.	259.95	
56655 Kamstrup Water Metering LLC	Meter Software	3,911.00	
56656 Mada Embroidery& Screen Printing, LLC	Uniforms	229.98	
56659 Municipal Well & Pump	Well 12 Test Drilling	37,079.45	
56661 Northern Lake Services Inc	Well 12 Samples	676.90	
56662 Reinders Inc	Replacement Irrigation Heads	53.49	
WPS	Utility Charges	22,096.52	
Payroll	March Payroll	384.19	
IRS PR Tax	Payroll Taxes - Federal	48,092.05	
DOR PR Tax	Payroll Taxes - State	9,494.36	
Verizon Cell & iPad Charges	Phone & iPad Charges	457.70	
DOR Garnishment	Garnishment	534.56	
HRA Admin Fees	Admin Fees	30.00	
TOTAL EXPENSES LISTED		\$ 237,896.09	\$ 3,486,037.27
BALANCE ON HAND APRIL 30, 2022			
	Balance on Hand		\$ 3,486,037.27
	Plus uncleared checks		\$ 108,725.06
	Less checks previously written clearing this month		\$ (253.77)
	Ending Cash Balance matching Bank		\$ 3,594,508.56
	Less Restricted Funds		\$ (1,671,269.63)

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

FINANCES:

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

\$	5,902,448.43
\$	604,120.06
\$	6,506,568.49

CHECKS ISSUED IN APRIL 2022:

56550	Aramark	Rug Service	179.72
56553	Batteries Plus	Batteries	16.95
56554	City Of Stevens Point	Interest Pymt 2019 Revenue Bonds	35,637.50
56556	Cummins Sales & Service	Generator Maintenance	482.11
56558	GS Systems, Inc.	Win-911 Software License	880.00
56560	Heartland Business Systems, LLC	MS 365 Monthly License	138.67
56561	NCL of Wisconsin Inc	Lab Supplies	1,257.14
56562	Northern Lake Services Inc	Samples	49.52
56563	Brian Smith	Refund Charges for Clearing Lateral	595.00
56566	Truckshop USA	Fuel Tank, Seat Covers	549.00
56568	Airgas USA, LLC	Nitrogen	2,131.76
56570	Aramark	Rug service	179.72
56571	AT&T	Utility Garage Phone Charges	112.11
56572	Baker Tilly Virchow Krause LLP	Audit charges	3,981.68
56575	First Supply LLC -Plover	Fittings - flush truck	112.95
56576	Franks Hardware Co Inc	Supplies	135.06
56578	Ryan Lambert	Refund Check 033040-000, 1220C Second St.	35.09
56579	Multi Media Channels, LLC	Ad for patching bids	64.00
56581	NAPA	Antifreeze	184.56
56582	Pace Analytical Services Inc	1st Qtr Sampling - Mercury	591.00
56584	Service Motor Company	Mower Maintenance - Parts	118.72
56585	UW Stevens Point	UWSP Intern Wages	1,587.51
56586	Werner Electric Supply	Fuses	492.60
56589	Aramark	Rug Service	187.48
56590	AT&T	Phone charges	967.98
56591	Atlas Copco Compressors LLC	Filter material	967.96
56592	Carlson Maint & Mgmt	Refund Check 014898-000, 825 Michigan Ave.	44.37
56595	James or Anne Cowart Cowart	Reimburse charges incurred due to our sewer main blockage	856.50
56596	Donna's Cleaning Service	Cleaning service-Utility Garage	25.00
56598	Harter's Fox Valley Disposal	Dumpster Service	442.49
56599	Marathon County Treasurer/Solid Waste	Sludge hauling	20.00
56607	Wisconsin Shoring & Supply Inc.	Confined Space Equipment	243.33
56610	City of Stevens Point	Refund Check 025783-000, 817 Second St. No.	82.89
56612	Decker Supply Co Inc.	Sign Stand	74.33
56617	Hach Company	Chemicals	268.38
56618	Heartland Business Systems, LLC	ESRM Managed Services-February & March, Managed Services -April	391.85
56620	Nkau Yer Lor	Refund Check 036957-000, 3941 Doolittle Dr. #11	64.17
56621	Marathon County Treasurer/Solid Waste	Sludge hauling	1,421.65
56623	Mulcahy Shaw Water Inc	Swivel Joint 1/2", Misc Parts	783.44
56631	Mastercard	Supplies, Battery, Retirement Gift, Controller, Conference Expenses, Confined Space Training	2,397.86
56632	USA Blue Book	Fittings	895.39
56635	First Aid Corp	Nitrile Gloves	914.50
56638	Petty Cash	Work Anniversary Gift	20.00
56639	Pomp's Tire Service, Inc.	Tire Replacement Lawn Tractor	76.13
56644	Aramark	Rug Service	187.48
56646	Central States H & W Fund	Health Insurance Premiums	15,047.35
56647	City Of Stevens Point	Workers Comp Premiums	1,180.24
56648	Complete Control Inc.	Troubleshoot heating issue at utility garage	93.57

56650	Fastenal Company	Supplies	107.75		
56652	Hach Company	Nitrate	125.42		
56653	Heartland Business Systems, LLC	Microsoft 365 Monthly Subscription, ESRM Managed Services	225.43		
56654	John Fabick Tractor Co	Skid Steer Maintenance	259.95		
56656	Mada Embroidery& Screen Printing, LLC	Uniforms	147.48		
56658	McMaster-Carr Supply Co	Tubing	367.35		
56660	NCL of Wisconsin Inc	Lab Supplies	357.78		
56663	Stevens Point Public Utilities	Qtrly Water Chgs	1,827.82		
56664	USA Blue Book	Water Stop	133.81		
	Principal Payment	Revenue Bonds	255,000.00		
	UPS	Shipping Charges	17.95		
	Portion of Operating Costs	Operating Costs Jan-March	32,759.36		
	Verizon Charges	Verizon Charges	247.69		
	WPS Utility Charges	Gas & Electric	3,879.27		
	Sewer Payroll	Payroll	74,933.61		
	Payroll Taxes	Payroll Taxes	4,940.35		
	TOTAL OF EXPENSES LISTED		<u>\$ 452,497.73</u>	\$	452,497.73
	BALANCE ON HAND APRIL 30, 2022			\$	6,054,070.76
		Balance on Hand		\$	6,054,070.76
		Plus uncleared checks		\$	23,306.90
		Less checks previously written clearing this month		\$	(16,879.23)
	Ending Cash Balance matching Bank Statements			<u><u>\$</u></u>	<u><u>6,060,498.43</u></u>
		Less Restricted Balance		\$	(4,133,514.92)
		TOTAL		\$	1,926,983.51

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

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

STORM WATER/FIBER DEPARTMENT

FINANCES:

Bank balance as of April 1, 2022

\$ 2,848,950.41

Bank deposits recorded in April 2022

\$ 236,646.45

\$ 3,085,596.86

CHECKS ISSUED APRIL 2022:

56553	Batteries Plus	Batteries	27.90		
56560	Heartland Business Systems, LLC	MS 365 Monthly License	138.67		
56565	Stuczynski Trucking	1 1/2" Stones	229.50		
56566	Truckshop USA	Fuel Tank	329.00		
56567	Zblewski Bros	Stump Disposal	100.00		
56571	AT&T	Utility Garage Phone Charges	112.11		
56572	Baker Tilly Virchow Krause LLP	Audit charges	3,981.68		
56576	Franks Hardware Co Inc	Supplies	13.93		
56579	Multi Media Channels, LLC	Ad for patching bids, Fiber bid notice	208.00		
56580	Multimedia Communications & Engineering Inc.	Charges for Fiber Engineering Change Order, Permits & Engineering Services for Portage Cty Fiber Ext, Fiber Engineering Services for Kennedy School, Portage Cty, COSP	10,083.07		
56592	Carlson Maint & Management	Refund Check 014898-000, 825 Michigan Ave.	20.00		
56594	County Materials Corp	Supplies	89.52		
56596	Donna's Cleaning Service	Cleaning service-Utility Garage	25.00		
56601	Portage County Highway Dept	Utility Permit for Fiber Project-Permit #22005	85.00		
56607	Wisconsin Shoring & Supply Inc.	Confined Space Equipment	243.33		
56608	Westside Highway LLC	Easement payment for fiber	2,000.00		
56609	Portage Cty Register of Deeds	Record Easement - Westside Highway LLC	30.00		
56612	Decker Supply Co Inc.	Signs & Stands	74.34		
56613	Department of Natural Resources	DNR Operator Certification Renewal - J. Hoffman	45.00		
56618	Heartland Business Systems, LLC	Managed Services for April, ESRM Managed Services-February & March	391.83		
56624	Multimedia Communications & Engineering Inc.	Permits for Portage County Fiber Extension	1,925.00		
56631	Mastercard	Confined Space Training, Supplies & refund of sales tax	84.54		
56640	Reinders Inc	Landscaping Supplies	803.12		
56645	Batteries Plus	Batteries	35.94		
56646	Central States H & W Fund	Health Insurance Premiums	8,943.86		
56647	City Of Stevens Point	Workers Comp Premiums	793.36		
56648	Complete Control Inc.	Troubleshoot heating issue at utility garage	93.57		
56653	Heartland Business Systems, LLC	Microsoft 365 Monthly Subscription, ESRM Managed Services	225.42		
56654	John Fabick Tractor Co	Back Hoe Maintenance, Skid Steer Maintenance	1,481.17		
56656	Mada Embroidery& Screen Printing, LLC	Uniforms	169.44		
56657	McKay Nursery Co	Trees	7,525.25		
56662	Reinders Inc	Grass Seed	45.50		
56665	Volm Companies	Landscaping for gravity main	1,200.00		
	Shared Operating Costs	Shared Operating Costs	15,909.24		
	Verizon	Ipad & cell phone charges	401.63		
	Payroll	Payroll	29,966.29		
	IRS	Payroll Taxes	2,926.16		
	WPS	Monthly Utility Charges	488.47		
TOTAL OF EXPENSES LISTED			\$ 91,245.84	\$ 91,245.84	
BALANCE ON HAND APRIL 30, 2022				\$ 2,994,351.02	

Balance on Hand **\$ 2,994,351.02**

Plus checks written after the end of this month

Plus uncleared checks **\$ 20,728.05**

Less checks previously written clearing this month

Ending Cash Balance matching Bank Statements **\$ 3,015,079.07**

**STEVENS POINT, WISCONSIN
WATERWORKS REPORT**

FOR APRIL 2022

CURRENT YEAR VS. PREVIOUS YEAR

	2021	2022	INCREASE	DECREASE	RECORD HIGH	DATE	
Total pumpage, gallons	146,563,000	171,871,000	25,308,000		225,874,000	Apr-02	
Daily pumping average, in gallons	4,885,000	5,729,030	844,030				
Peak pumpage, gallons, (date)	5,462,000 (8TH)	6,597,000 (14TH)	1,135,000		9,434,000	4/24/2002	
Low pumpage, gallons, (date)	4,465,000 (18TH)	2,830,000 (25TH)		1,635,000	1,980,000	04/16/90	
					2,830,000	4/25/2022	◀Record low since 1995 when the utility started providing water to Stora Enso.
Power bill	\$14,256.23	\$22,850.93	\$8,594.70				
K.W.H's used	179,619	193,030	13,411				
Gallons pumped per K.W.H.	816	890	74				

STEVENS POINT WATER DEPARTMENT CONSUMPTION HISTORY

(Pumpage x 1,000)

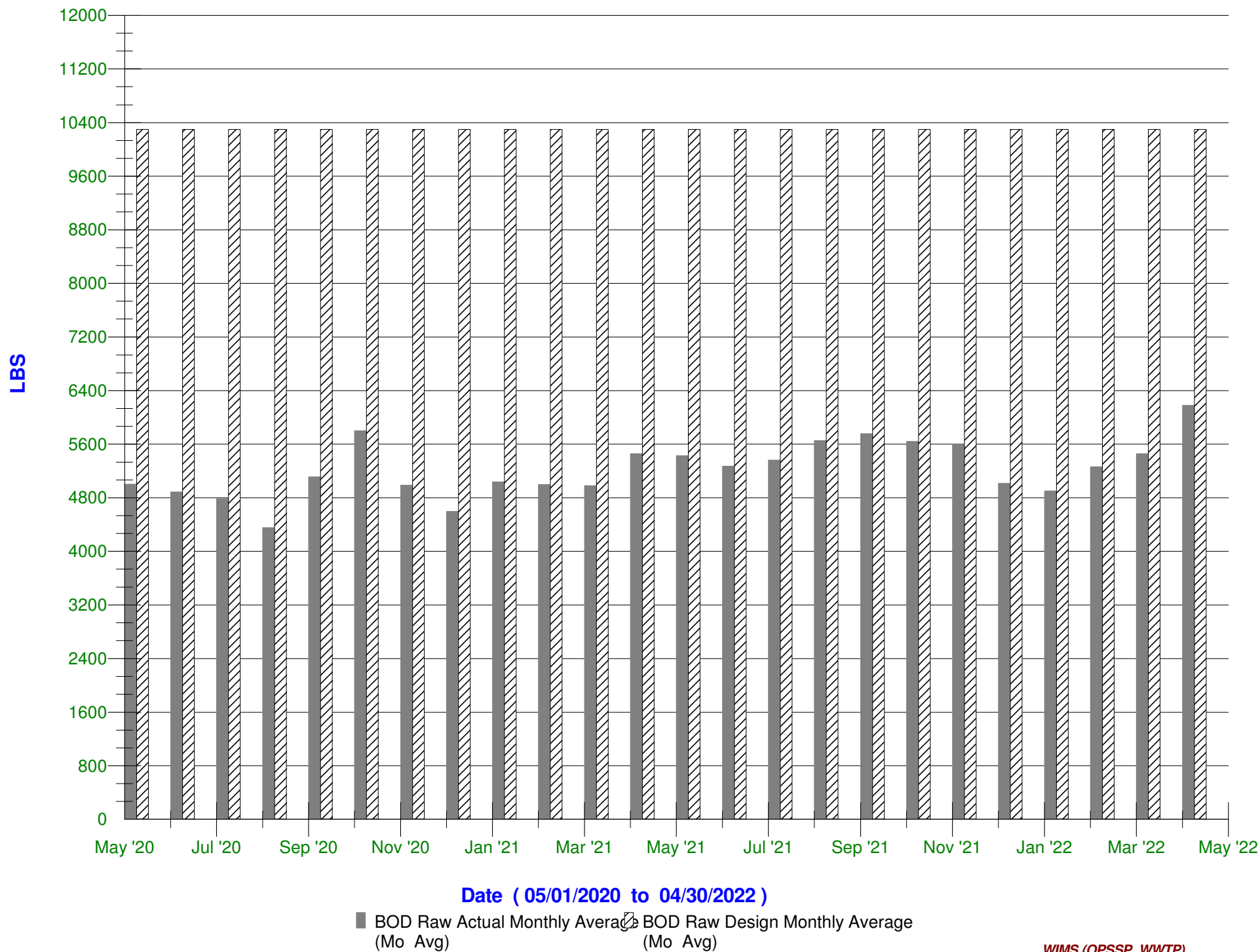
MONTH	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
JANUARY	188,381	138,644	150,622	142,263	147,206	140,438	131,056	135,295	140,095	130,487
FEBRUARY	173,503	135,391	131,127	135,573	132,869	123,311	124,330	132,142	134,021	131,003
MARCH	195,466	150,690	138,327	154,358	148,770	139,881	131,189	146,717	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		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	729,221	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

Final Effluent Discharge Data

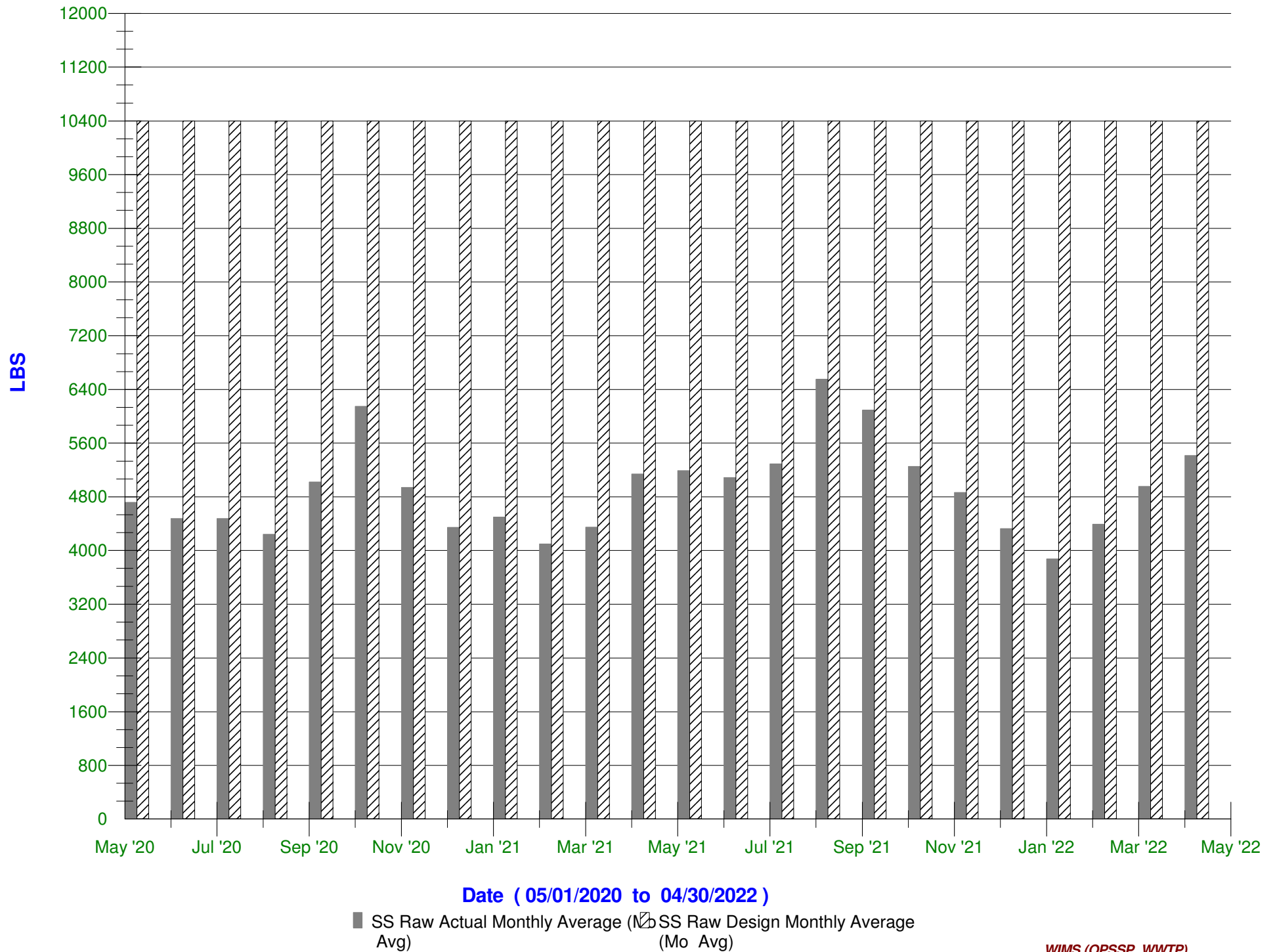
April 2022

		Sewage Flow		BOD					S.S.					Phosphorus				Fecal	Effluent
Date	Precip INCHES	Raw	Final	Raw	Final	% Reduct.	Raw	Final	Raw	Final	% Reduct.	Raw	Final	Raw	Final	Raw	Final	Final Coliform #/100 ml	Ammonia mg/L
		MGD	MGD	MG/L	CBOD MG/L		Pounds BOD/Day	Pounds CBOD/Day	(ppm)	(ppm)		Pounds SS/Day	Pounds SS/Day	(ppm)	(ppm)	P/Day	P/Day		
04/01/2022	0.03	2.255	2.454	271	5.09	98	5,097	104	212	5.35	97	3,987.02	109						
04/02/2022	0.08	2.199	2.356	276	3.27	99	5,062	64	268	4.80	98	4,915.03	94	4.830	0.290	89	6		30
04/03/2022	0.12	2.257	2.426	254	4.09	98	4,781	83	196	4.00	98	3,689.38	81	4.480	0.250	84	5		30
04/04/2022	0.41	2.441	2.623	270	3.49	99	5,497	76	336	6.39	98	6,840.27	140	5.210	0.260	106	6		31
04/05/2022	0.00	2.434	2.848	169	5.57	97	3,431	132	396	2.65	99	8,038.63	63						
04/06/2022	0.37	2.693	3.239	551	4.93	99	12,375	133	436	6.11	99	9,792.39	165						
04/07/2022	0.15	2.696	3.232	275	4.81	98	6,183	130	324	6.60	98	7,285.02	178						
04/08/2022	0.15	2.728	3.265	290	6.69	98	6,598	182	232	7.20	97	5,278.35	196	5.950	0.440	135	12		39
04/09/2022	0.01	2.552	3.098	215	4.08	98	4,576	105	216	5.80	97	4,597.27	150	4.470	0.280	95	7		45
04/10/2022	0.00	2.538	3.105	188	3.23	98	3,979	84	172	3.80	98	3,640.71	98	4.500	0.240	95	6		50
04/11/2022	0.00	2.573	3.229	275	10.96	96	5,901	295	204	10.72	95	4,377.60	289						
04/12/2022	0.00	2.515	3.147	429	10.93	97	8,998	287	276	14.20	95	5,789.13	373						
04/13/2022	0.27	2.592	3.099	258	10.33	96	5,577	267	264	7.42	97	5,706.96	192						
04/14/2022	0.25	2.709	3.108	519	8.45	98	11,726	219	272	10.90	96	6,145.31	283						
04/15/2022	0.00	2.657	3.060	198	12.28	94	4,388	313	228	12.80	94	5,052.34	327						
04/16/2022	0.00	2.433	2.808	158	5.44	97	3,206	127	208	8.50	96	4,220.57	199	4.370	0.540	89	13		32
04/17/2022	0.00	2.301	2.657	218	5.86	97	4,183	130	200	5.87	97	3,838.07	130	4.220	0.450	81	10		22
04/18/2022	0.02	2.453	2.799	476	10.95	98	9,738	256	388	9.40	98	7,937.71	219						
04/19/2022	0.00	2.399	2.750	302	10.33	97	6,042	237	296	14.13	95	5,922.27	324						
04/20/2022	0.00	2.453	2.735	273	6.34	98	5,585	145	220	7.96	96	4,500.76	182	4.940	0.560	101	13		39
04/21/2022	0.37	2.488	2.587	283	5.73	98	5,872	124	296	5.53	98	6,141.98	119						
04/22/2022	0.00	2.462	2.553	575	6.27	99	11,807	134	244	6.82	97	5,010.07	145	4.780	0.450	98	10		26
04/23/2022	0.30	2.461	2.574	274	5.77	98	5,624	124	212	6.47	97	4,351.24	139	5.560	0.440	114	9		24
04/24/2022	0.05	2.475	2.601	218	6.14	97	4,500	133	264	5.45	98	5,449.36	118	4.450	0.400	92	9		25
04/25/2022	0.00	2.520	2.647	335	10.92	97	7,041	241	268	7.14	97	5,632.50	158						
04/26/2022	0.02	2.466	2.596	289	8.77	97	5,944	190	316	8.08	97	6,499.00	175						
04/27/2022	0.00	2.436	2.565	150	7.85	95	3,047	168	80	8.94	89	1,625.30	191						
04/28/2022	0.00	2.401	2.560								100								
04/29/2022	0.00	2.314	2.464								100								
04/30/2022	0.09	2.272	2.471								100								
											100								
Total	2.69	74.173	83.656	7,989	189	2,630	166,758	4,483	7,024	203.03	3,013	146,264.25	4,837	57.760	4.600	1,179.574	104.970		393.250
Average	0.09	2.472	2.789	296	7	97	6,176	166	260	7.52	97	5,417.19	179	4.813	0.383	98.250	8.833		32.750
Maximum	0.41	2.73	3.27	575.00	12.28	99.11	12,375.25	313.39	436.00	14.20	100.00	9,792.39	372.69	5.95	0.56	135.37	12.77		50.20
Minimum	0.00	2.20	2.36	150.00	3.23	93.80	3,047.44	64.25	80.00	2.65	88.83	1,625.30	62.94	4.22	0.24	80.98	5.06		22.40

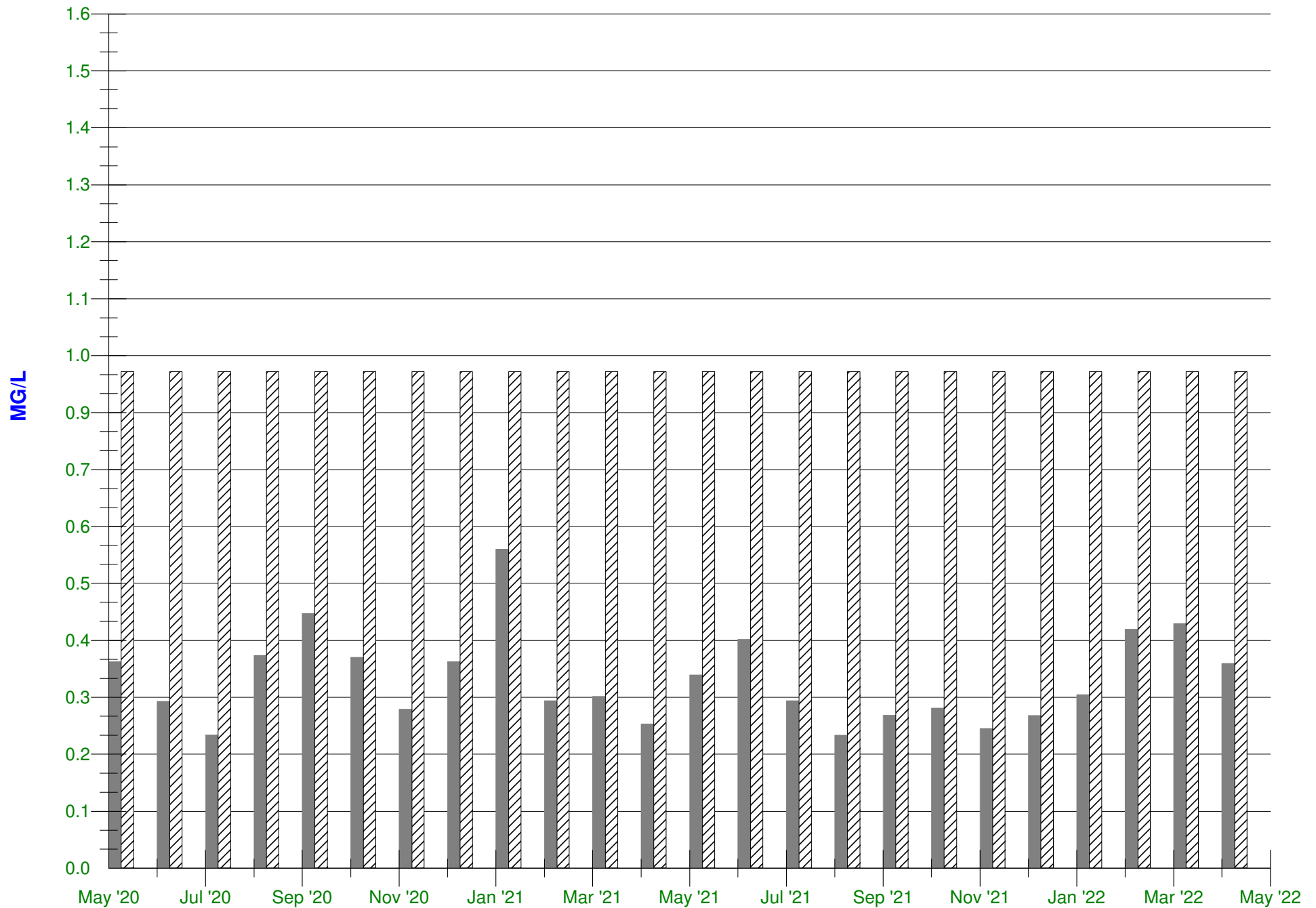
BOD Raw 2 Year History



SS Raw 2 Year History



Phosphorus mg/l 2 Year History



Date (05/01/2020 to 04/30/2022)

■ 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	%			
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	
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	296	6,101	6.98	162.42	97	260	5,364	7.52	174.88	97	4,227	5,939	
Minimum	19	-2	0.31	1.875	1.973	4.248	83	0.249	5	255	4,899	2.91	62.24	97	250	3,911	3.39	64.06	97	2,613	4,819	
Maximum	81	61	10.28	2.748	3.023	6.807	126	0.458	9	329	6,101	6.98	162.42	99	298	6,699	7.69	174.88	99	6,845	5,939	
Total	648	415	37.99	26.662	29.210	67.049	1,211	4.100	80	3,566	65,523	56.79	1,145.43	1,180	3,313	61,478	57.20	1,153.75	1,178	50,569	64,378	
Average	54	35	3.17	2.222	2.434	5.587	101	0.342	7	297	5,460	4.73	95.45	98	276	5,123	4.77	96.15	98	4,214	5,365	

SEWER REPORT FOR THE MONTH OF APRIL 2022

2022	
40,797	feet of sanitary sewer flushed
12,942	feet of sanitary sewer cut
-	feet of storm sewer cut
-	feet of storm sewer jetted
9,892	feet of sanitary sewer jetted
834	feet of sewer main televised
-	feet of storm main televised

v.s.

2021	
24,843	feet of sanitary sewer flushed
6,546	feet of sanitary sewer cut
-	feet of storm sewer cut
-	feet of storm sewer jetted
25,752	feet of sanitary sewer jetted
702	feet of sewer main televised
-	feet of storm main televised