

**City of Stevens Point
Board of Water and Sewerage Commissioners
February 8, 2021 - 12:00 PM**

**Meeting will be held via a Zoom Meeting URL to connect:
<https://us02web.zoom.us/j/82026885705>
Dial in number: (301) 715-8592
Meeting ID: 820 2688 5705**

AGENDA

Discussion and Possible Action on:

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

The next Water and Sewerage Commission meeting will be Monday, March 8, 2021 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
January 11, 2021 - 12:00 PM

Meeting will be held via a Zoom Meeting URL to connect:
<https://us02web.zoom.us/j/82026885705> Dial in number: (301) 715-8592
Meeting ID: 820 2688 5705

MINUTES

Discussion and Possible Action on:

1. Roll Call

Present: Paul Adamski, Carl Rasmussen, Mae Nachman, Anna Haines and Ray Schmidt

Also Present: Joel Lemke, Mary Klesmith, Eric Southworth, Chris Lefebvre, Craig Czaikowski, Jason Draheim, Jaime Zdroik, and Dave Ladick - Stevens Point Resident
- Stevens Point Pilot Association, Bud Flood - resident

2. Approval of Minutes

Motion made by Ray Schmidt, seconded by Anna Haines to approve the minutes of the December 14, 2020 meeting 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 Ray Schmidt to approve the department claims for the month of December as audited and read.

Ayes all. Nays none. Motion carried.

4. 2021 Capital Operations & Maintenance Plan - Joel Lemke

Joel presented the 2021 Capital Operations & Maintenance Plan to the Commission.

WATER DEPT:

Capital Spending Items: Reconstruction projects \$635,000; Well 4 (reconstruction of well & wellhouse) \$760,000; Well 11 roof \$350,000; Hydrant painting \$35,000; 1/3 of dump truck \$50,000; 1/3 of GPS equipment \$11,000

Computers & Software: City Works annual maintenance \$6,667; ESRI annual maintenance \$8,334; Starnik annual maintenance \$18,860; Accela annual maintenance \$22,000

Training & Education: Misc. travel & education \$25,000

GRAND TOTAL OF ALL SECTIONS: \$1,921,861.00

WASTEWATER DEPT:

Capital Spending Items: Service & Channel Air Building Roofs \$105,000; 2021 Reconstruction Projects \$420,000; 1/3 of GPS equipment \$11,000; 1/3 of dump truck \$50,000; Generator - trailer mounted \$50,000; Building door replacements \$22,000; Grit pump rebuild \$12,500; Intrusion alarm update/repair \$20,000; Lab incubator \$5,000; Biogas engine rebuild \$46,000

Computers & Software: Accela annual maintenance fees \$4,550; City Works annual maintenance \$6,667; ESRI annual maintenance \$8,334; Starnik annual maintenance \$18,860; 1/2 of televising software purchase \$11,500

Training & Education: Misc. travel & education \$15,000

GRAND TOTAL OF ALL SECTIONS: \$806,411.00

STORMWATER DEPT:

Capital Spending Items: Reconstruct projects \$3,285,000; Swale reconstruction projects \$200,000; 1/3 of dump truck \$50,000; 1/3 of GPS equipment \$11,000

Computers & Software: Accela annual maintenance \$4,925; City Works annual maintenance \$6,667; ESRI annual maintenance \$8,334; Starnik annual maintenance \$18,860; 1/2 of televising software purchase \$11,500

Training & Education: Misc. travel & education \$15,000

GRAND TOTAL OF ALL SECTIONS: \$3,611,286.00

Joel will provide a map of where the Stormwater reconstruction project will be. Carl Rasmussen clarified that the only item we would be borrowing for would be the Stormwater reconstruction project.

Motion made by Carl Rasmussen, seconded by Anna Haines to approve the 2021 Capital Operations & Maintenance Plan for the Water Department in the amount of \$1,921,861.00; Wastewater Department in the amount of \$806,411.00 and the Stormwater Department in the amount of \$3,611,286.00.

Ayes all. Nays none. Motion carried.

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

Eric stated they are working on the Well 7 Repiping Project that should be completed next week. The crews are flushing the laterals at Well 11. This is done annually.

6. Sewage Treatment Operations Report - *Chris Lefebvre*

Chris stated the WWTP met all permit requirements for the month of December. They produced 30% of their own electricity and 70% of their own heat. The last week of December the biogas generator had to be shut down because a gasket was leaking. This is why we didn't produce as much electricity this past month.

7. Construction and Maintenance Report - *Craig Czaikowski*

Craig stated due to the good weather the crews have been replacing valves. They are also taking inventory for end of year. Everything is going well.

8. Community Area Network Report - *Joel Lemke*

Joel stated we are learning a lot about fiber and the locating, troubleshooting of it. Things are going really well.

9. Directors Report - *Joel Lemke*

Nothing to report.

10. Adjournment

Motion made by Ray Schmidt to adjourn the meeting.

Ayes all. Nays none. Motion carried.

Meeting adjourned: 12:31PM

REPORT TO THE FEBRUARY, 2021
MEETING OF THE BOARD OF WATER AND SEWERAGE COMMISSIONERS

WATER DEPARTMENT

FINANCES:

Bank balance as of January 1, 2021

Not Available

Bank deposits recorded in January 2021

Not Available

\$ -

CHECKS ISSUED JANUARY 2021:

55048	Mae Nachman	Salary	48.20
55049	Community Foundation of Central WI	Employee Contribution	10.00
55050	United Way Of Portage County	United Way	13.00
55051	Aramark	Rug service	24.79
55052	AT&T	Phone charges	386.53
55053	CORE & MAIN LP	Meters	7,685.00
55055	Fastenal Company	Supplies	368.75
55056	Feltz Lumber Co Inc	2 X 4	10.08
55057	Ferguson Waterworks #1476	Inventory fitting	2,019.00
55058	First Supply LLC -Plover	Inventory Fittings, Inventory Pipe & Fittings	449.20
55059	Franks Hardware Co Inc	Supplies	392.40
55060	Hawkins Inc	Parts for regulators	1,852.06
55061	Heartland Business Systems, LLC	October Managed Services, November Microsoft Licensing, Monthly Licensing Fee	242.05
55062	Ideal Rolloff Service Inc	Dumpsters used for Well 5 demolition	650.00
55063	Integrated Document & Label Solutions Inc	Delinquent/Late Notice & billing paper	740.34
55067	Multimedia Communications & Engineering Inc.	Pass through Fiber Inventory	2,959.26
55072	Petty Cash	Mileage, postage, ink	198.10
55074	Mastercard	Cable ties, filter, vacuum, laptop sleeves, keyboards & mice	636.85
55076	Shippy Shoe Store Inc	Boot allowance - Tony Sterling	125.00
55077	USA Blue Book	Iron AccuVac	273.93
55078	Verizon Wireless	IPad & cell phone charges	981.79
55079	Water Well Solutions Wisconsin LLC	Well 7 Repiping Project	29,538.75
55080	WI Public Service	Monthly Utilities - Gas & Electric	10,885.11
55081	Wroblewski Concrete Construction, LLC	Inventory - Cement Rings, maintenance of services	2,810.00
55082	Community Foundation of Central WI	Employee Contribution	10.00
55083	United Way Of Portage County		13.00
55085	AnSer	After hours answering service	96.00
55086	Aramark	Rug service	25.78
55087	ASCENSION HEALTH ALLIANCE MS#2	Refund due to billing error	76,834.18
55088	AT&T	Phone charges	597.49
55089	Centro Print Solutions	Check printing	197.41
55090	Chet's Plumbing	Repair Heater Unit Well 9	290.00
55091	City Of Stevens Point	Retirement, employee deductions, fuel	25,991.51
55092	Complete Control Inc.	Air unit repairs - Utility Garage	650.00
55093	Cooper Oil Company Inc	oil, diesel exhaust fluid	35.90
55094	CORE & MAIN LP	Inventory fittings, meter flanges	1,422.30
55095	Donna's Cleaning Service	Cleaning Service	290.00
55099	INFOSEND INC	Print/Mail Bills	2,181.03
55100	Bill Cook Chapter of the Izaak Walton League of America	2021 1st Right of Refusal Payment	6,832.25
55102	Kramar	Annual Back Flow Testing	375.00
55103	Lincoln Contractors Supply Inc	Landscaping supplies	65.32
55109	Pixelle Specialty Solutions LLC	Annual Bridge Maint Fee	1,000.00
55111	Rogan's Shoes	Boot Allowance	123.25
55113	Spectra Print	Delinquent Notice - Printing & Postage	381.50
55114	Kristopher J Spindler	Boot allowance	125.00
55115	Staples Credit Plan	Office supplies	153.01
55117	Truckshop USA	Blade for snow plow	216.00
55118	Mastercard	Office chair, value membership, cable ties	264.33
55119	WI Public Service	Monthly Utilities - Gas & Electric	6,144.87
55120	Wi State Laboratory of Hygiene	Fluoride testing	26.00

55123	CORE & MAIN LP	2" Meter, manhole lid lifter	1,151.43		
55124	County Materials Corp	Pavement Repair	1,251.00		
55126	West Bend Mutual Insurance	4 year notary renewal - Jen	20.00		
55128	Excel Plumbing, Inc.	Flush line - plugged due to main break	100.00		
55131	Staples Credit Plan	Office supplies	121.65		
55132	Starnik Systems Inc.	Service Fee	300.00		
55133	Teamsters Union Local 662	Union dues	1,441.00		
	HRA	Admin Charges	125.00		
	Payroll	January Payroll	28,830.39		
	IRS	Combined Payroll Taxes	29,500.81		
	WI Dept of Revenue	Payroll Taxes	7,196.46	\$	257,679.06
	TOTAL EXPENSES LISTED		\$ 257,679.06	\$	(257,679.06)
	BALANCE ON HAND JANUARY 31, 2021				
		Balance on Hand		\$	(257,679.06)
		Plus uncleared checks			<i>Not Available</i>
		Less checks previously written clearing this month			<i>Not Available</i>
		Ending Cash Balance matching Bank Statements		\$	(257,679.06)
		Less Restricted Funds		\$	(658,604.11)

REPORT TO THE FEBRUARY, 2021
MEETING OF THE BOARD OF WATER AND SEWERAGE COMMISSIONERS
SEWAGE DEPARTMENT

FINANCES:

Bank Balance as of January 1, 2021

Bank Deposits recorded in January 2021

\$	5,797,613.47
\$	593,378.65
\$	6,390,992.12

CHECKS ISSUED IN JANUARY 2021:

55051	Aramark	Rug service	148.19
55054	Current Technologies	Influent Screw Pump Upgrades	14,014.00
55059	Franks Hardware Co Inc	Supplies	82.87
55061	Heartland Business Systems, LLC	October Managed Services, November Microsoft Licensing, Monthly Licensing Fee	242.05
55064	Kraft Power	Biogas Engine Repairs	3,720.94
55065	L.W. Allen, LLC	Influent screen repairs, repairs digester mixing pumps	1,853.92
55068	NAPA	Filter	30.58
55069	NCL of Wisconsin Inc	Lab supplies	708.12
55070	Pace Analytical Services Inc	Mercury samples	285.00
55071	PBBS Equipment Corp	Temp Control Installation	1,972.17
55074	Mastercard	Supplies, solder	34.65
55077	USA Blue Book	Flexflo	817.07
55078	Verizon Wireless	IPad & cell phone charges	253.06
55080	WI Public Service	Monthly Utilities - Gas & Electric	3,310.12
55081	Wroblewski Concrete Construction, LLC	Work done for customer	2,462.50
55084	Advanced Disposal Services	Grit pad	1,272.12
55086	Aramark	Rug service	148.19
55088	AT&T	Phone charges	475.95
55089	Centro Print Solutions	Check printing	98.72
55091	City Of Stevens Point	Retirement, employee deductions, fuel	14,620.06
55092	Complete Control Inc.	Air unit repairs - Utility Garage	325.00
55093	Cooper Oil Company Inc	oil, diesel exhaust fluid	1,263.35
55095	Donna's Cleaning Service	Cleaning Service	25.00
55096	Grainger	Heater	1,059.42
55097	Harter's Fox Valley Disposal	Dumpster Service	351.50
55098	Hawkins Inc	Azone-Chemicals	472.50
55103	Lincoln Contractors Supply Inc	Landscaping supplies	65.32
55104	MacQueen Equipment	Parts for vac trucks	56.10
55107	Northern Lake Services Inc	Sample Analysis	615.80
55108	PBBS Equipment Corp	Repair leak	4,732.65
55110	Portage County Transfer Facility	Bulb Recycling Fee	193.75
55112	Solenis LLC	Praestol	13,923.20
55115	Staples Credit Plan	Office supplies	76.52
55116	Star Business Machines	Annual Maintenance Agreement - Copier	381.39
55118	Mastercard	Office & cleaning Supplies	337.07
55119	WI Public Service	Monthly Utilities - Gas & Electric	17,985.41
55122	UW Stevens Point	Intern Wages	929.06
55125	Ingersoll Rand Co	Desiccant, blue moisture indicator	1,150.91
55127	Donohue & Associates, Inc.	Engineering Services - Digestion, Dewatering & Drying Imp Project	962.50
55129	L.W. Allen, LLC	Troubleshoot SCADA Issue	945.14
55130	PBBS Equipment Corp	Repairs - adjust combustion	131.00
55131	Staples Credit Plan	Office supplies	60.83
	WI Public Service	Gas & Electric Charges	35,867.25
	Water Dept	Inventory	
	Water Dept	Percent of billing	
	HRA	Admin Fees	20.00
	Sewer Payroll	January Payroll	48,337.44

WI Dept of Revenue	Garnishment of wages		
WI Dept of Revenue	Payroll Taxes	3,440.32	
TOTAL OF EXPENSES LISTED		\$ 180,258.71	\$ 180,258.71
BALANCE ON HAND JANUARY 31, 2021			\$ 6,210,733.41
	Balance on Hand		\$ 6,210,733.41
	Plus uncleared checks		\$ 19,980.69
	Less checks previously written clearing this month		\$ (122,841.07)
	Ending Cash Balance matching Bank Statements		\$ 6,107,873.03

Less Restricted Balance	\$ (5,069,520.48)
TOTAL	\$ 1,038,352.55

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

REPORT TO THE FEBRUARY 2021
MEETING OF THE BOARD OF WATER AND SEWERAGE COMMISSIONERS

STORM WATER DEPARTMENT

FINANCES:

Bank balance as of January 1, 2021	<u>\$ 810,945.78</u>
Bank deposits recorded in January 2021	<u>\$ 211,963.24</u>
	<u>\$ 1,022,909.02</u>

CHECKS ISSUED JANUARY 2021:

55059	Franks Hardware Co Inc	Supplies	57.53	
55061	Heartland Business Systems, LLC	October Managed Services, November Microsoft Licensing, Monthly Licensing Fee	242.05	
55066	Motors And Controls of Wisconsin LLC	Compressor oil	67.04	
55073	Petty Cash - Storm	Sleeve for laptop	52.70	
55074	Mastercard	White board	713.11	
55075	Schierl Inc	Tires for back hoe #13	1,828.00	
55078	Verizon Wireless	IPad & cell phone charges	248.61	
55080	WI Public Service	Monthly Utilities - Gas & Electric	440.54	
55089	Centro Print Solutions	Check printing	98.72	
55091	City Of Stevens Point	Retirement, employee deductions, fuel	7,861.36	
55092	Complete Control Inc.	Air unit repairs - Utility Garage	325.00	
55095	Donna's Cleaning Service	Cleaning Service	25.00	
55101	John Fabick Tractor Co	Parts for back hoe	277.39	
55103	Lincoln Contractors Supply Inc	Landscaping supplies	65.32	
55104	MacQueen Equipment	Parts for vac trucks	56.09	
55105	NAPA	Bulb	7.99	
55106	NC WI Stormwater Coalition	2021 Contribution for Cooperative Education	1,500.00	
55115	Staples Credit Plan	Office supplies	76.52	
55118	Mastercard	Training - Shane	54.95	
55121	Worzellas Point Supply	Broom	8.00	
55131	Staples Credit Plan	Office supplies	60.83	
	IRS	January Payroll	18,811.79	
	WI Dept of Revenue	Payroll Taxes	1,948.04	
		Payroll Taxes	50.00	
	TOTAL OF EXPENSES LISTED		<u>\$ 34,876.58</u>	<u>\$ 34,876.58</u>
	BALANCE ON HAND JANUARY 31, 2021			<u>\$ 988,032.44</u>

Balance on Hand	<u>\$ 988,032.44</u>
Plus checks written after the end of this month	
Plus uncleared checks	\$ 910.23
Less checks previously written clearing this month	\$ (191,157.64)
Ending Cash Balance matching Bank Statements	<u><u>\$ 797,785.03</u></u>



February 4, 2021

MEMO

RE: Commissioner Compensation

Commissioners,

The last review of Commissioners compensation was in 2014. At that time it had been 8 years since it was last considered. The action of the Commission was to adjust compensation to account for an average of 2% per year to account for inflation over those years. Current Compensation rates are:

Commission President -	\$751.68 Annually
Commission Members -	\$630.00 Annually

With this being the 7th year since the last consideration for adjustment, the numbers below provide an example of using the same inflationary increase over those seven years:

Commission President (2% increase over 7 years) -	\$863.44 Annually
Commission Memebers (2% increase over 7 years) -	\$723.67 Annually

The information provided is for your review and action, if desired. Please let me know if you would like any other information.

Best Regards,



Joel Lemke
Director

**STEVENS POINT, WISCONSIN
WATERWORKS REPORT**

FOR JANUARY 2021

CURRENT YEAR VS. PREVIOUS YEAR

	2020	2021	INCREASE	DECREASE	REC. HIGH/LOW	DATE	
Total pumpage, gallons	150,622,000	138,644,000		11,978,000	210,163,000	1/1/2005	
Daily pumping average, in gallons	4,859,000	4,472,000		387,000			
Peak pumpage, gallons, (date)	5,857,000 (8th)	5,485,000 (21st)		372,000	7,895,000	1/26/1999	
Low pumpage, gallons, (date)	4,240,000 (25th)	2,867,000 (17th)		1,373,000	1,452,000	1/15/2019	
					1,452,000	1/15/2019	◀Record low since 1995 when the utility started providing water to Stora Enso.
Power bill	\$15,504.64	\$13,018.18		2,486			
K.W.H's used	203,291	179,904		23,387			
Gallons pumped per K.W.H.	741	771	30				

STEVENS POINT WATER DEPARTMENT CONSUMPTION HISTORY

(Pumpage x 1,000)

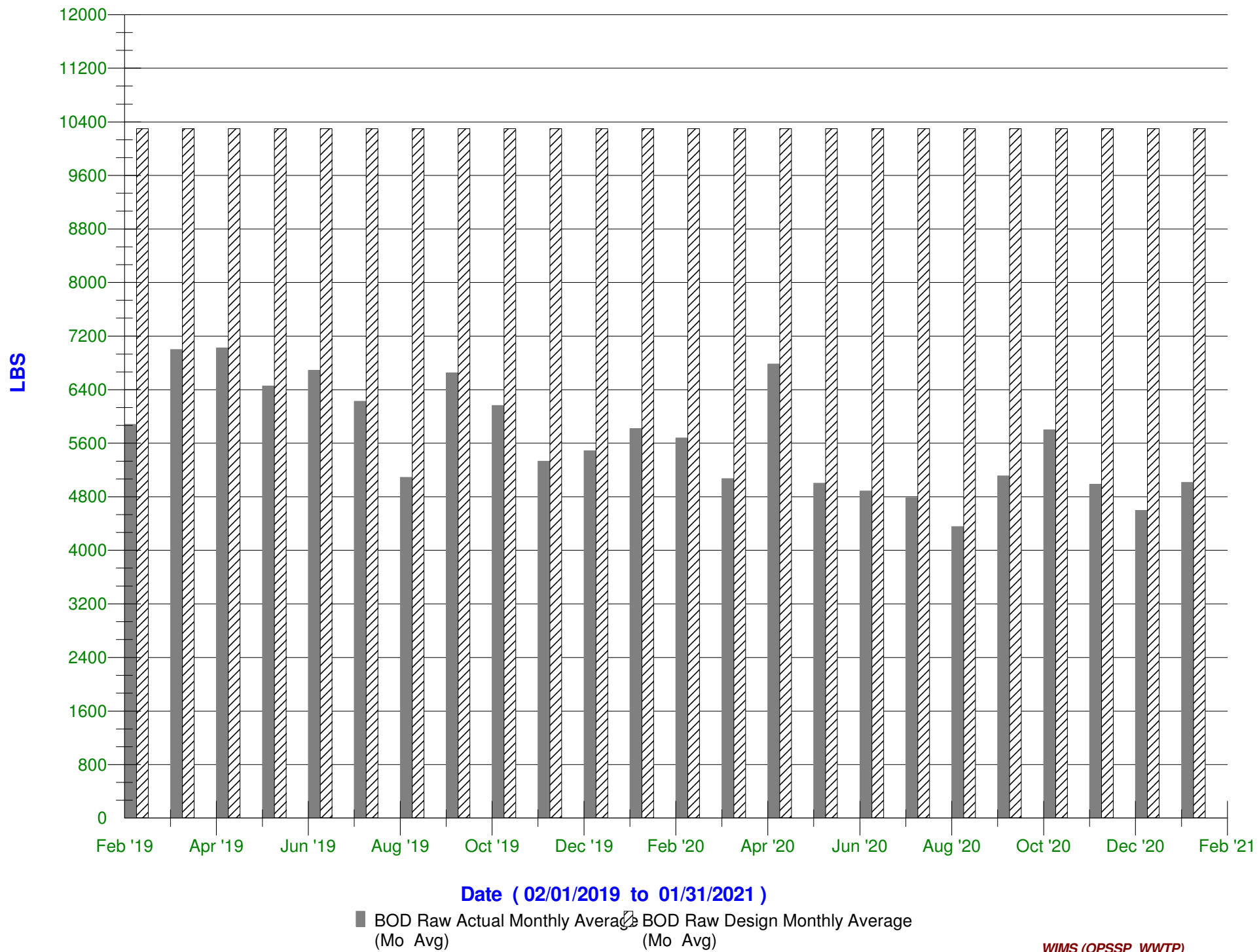
MONTH	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
JANUARY	138,644	150,622	142,263	147,206	140,438	131,056	135,295	140,095	130,487	145,393

Final Effluent Discharge Data

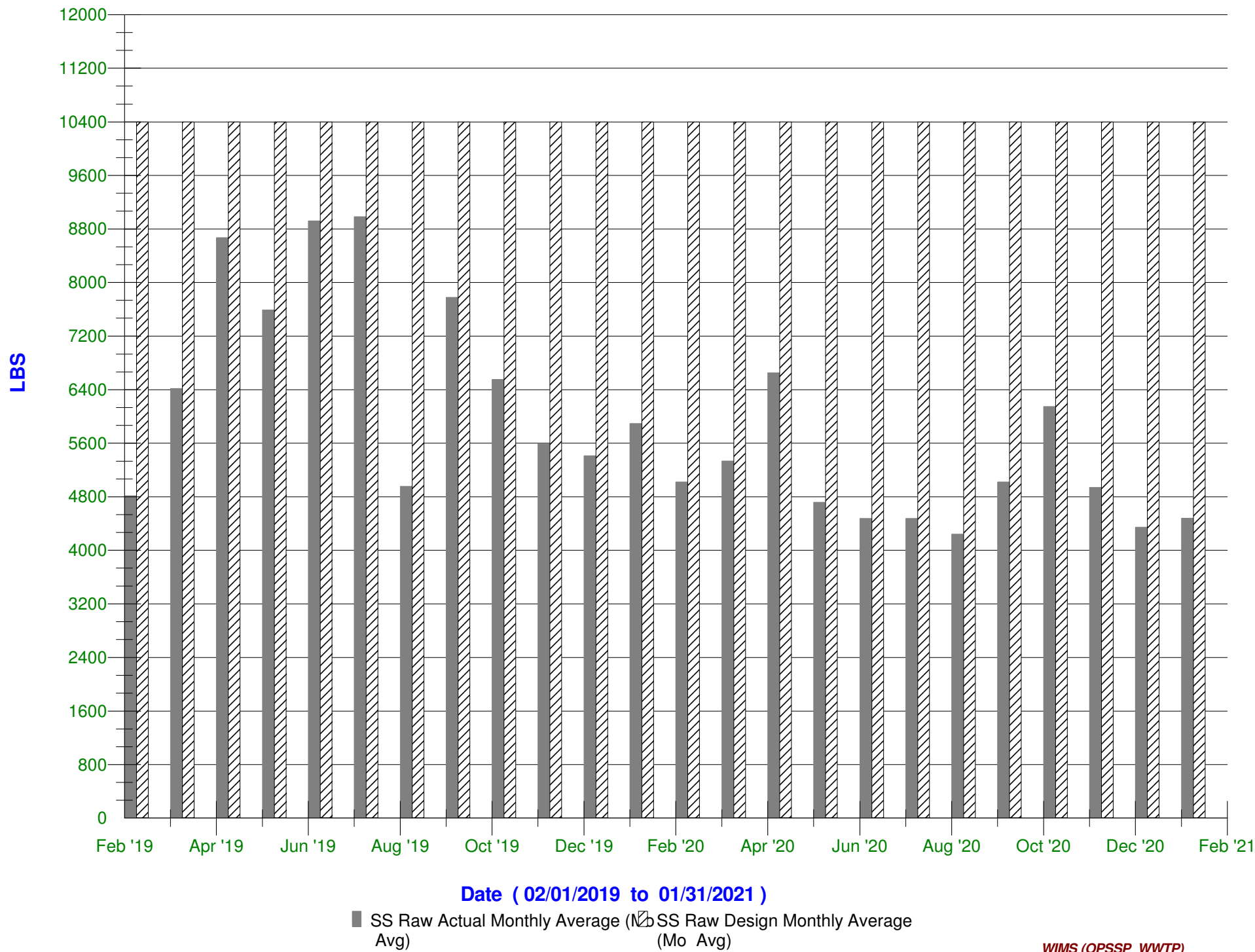
January 2021

		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		
01/01/2021	0.00	1.782	1.710	320	3.35	99	4,756	48	228	4.00	98	3,388.51	57						
01/02/2021	0.00	1.816	1.782	366	3.22	99	5,543	48	208	3.75	98	3,150.25	56	6.150	0.250	93	4		11
01/03/2021	0.00	1.830	1.789	260	3.53	99	3,968	53	268	4.90	98	4,090.27	73						
01/04/2021	0.00	1.893	1.865	289	4.19	99	4,563	65	844	5.40	99	13,324.75	84	7.300	0.370	115	6		11
01/05/2021	0.02	1.881	1.866	302	4.43	99	4,738	69	316	9.80	97	4,957.26	153	6.190	0.420	97	7		12
01/06/2021	0.00	1.892	1.874	330	4.57	99	5,207	71	480	5.80	99	7,574.05	91						
01/07/2021	0.00	1.921	1.907	313	5.17	98	5,015	82	248	6.60	97	3,973.24	105						
01/08/2021	0.00	1.883	1.874	396	6.27	98	6,219	98	204	7.80	96	3,203.66	122	5.390	0.350	85	5		7
01/09/2021	0.00	1.811	1.799	248	5.71	98	3,746	86	204	7.60	96	3,081.16	114						
01/10/2021	0.00	1.804	1.792	276	6.39	98	4,153	96	248	7.80	97	3,731.25	117	5.460	0.650	82	10		6
01/11/2021	0.00	1.910	1.900	315	6.31	98	5,018	100	264	7.80	97	4,205.36	124						
01/12/2021	0.00	1.897	1.899	271	7.21	97	4,287	114	240	6.88	97	3,797.04	109						
01/13/2021	0.00	1.881	1.872	385	6.36	98	6,040	99	244	6.80	97	3,827.76	106	6.180	0.390	97	6		5
01/14/2021	0.00	1.891	2.108	340	6.83	98	5,362	120	232	9.30	96	3,658.86	164						
01/15/2021	0.27	1.898	2.221	382	6.72	98	6,047	124	284	10.00	96	4,495.53	185	5.620	1.320	89	24		27
01/16/2021	0.03	1.823	2.138	245	5.56	98	3,725	99	268	8.10	97	4,074.62	144						
01/17/2021	0.03	1.790	2.087	245	4.81	98	3,658	84	364	8.40	98	5,434.01	146	4.760	1.720	71	30		34
01/18/2021	0.00	1.906	2.219	452	4.96	99	7,185	92	304	8.31	97	4,832.40	154	6.340	0.620	101	11		33
01/19/2021	0.01	1.884	2.178	395	5.52	99	6,206	100	292	10.10	97	4,588.07	183						
01/20/2021	0.01	1.912	2.197	284	4.50	98	4,529	82	244	8.10	97	3,890.84	148						
01/21/2021	0.00	1.964	2.280	318	4.69	99	5,209	89	256	8.20	97	4,193.22	156						
01/22/2021	0.00	1.874	1.916	257	3.92	98	4,017	63	204	7.43	96	3,188.35	119	4.620	0.450	72	7		25
01/23/2021	0.00	1.819	1.816	302	4.12	99	4,581	62	212	7.20	97	3,216.14	109						
01/24/2021	0.20	1.811	1.830	272	5.08	98	4,108	78	260	7.63	97	3,926.97	116	4.910	0.350	74	5		15
01/25/2021	0.00	1.899	1.907	316	4.34	99	5,005	69	252	6.75	97	3,991.09	107						
01/26/2021	0.00	1.932	1.934	425	3.15	99	6,848	51	280	4.50	98	4,511.61	73						
01/27/2021	0.00	1.923	1.911	353	3.40	99	5,661	54	292	5.00	98	4,683.04	80	4.840	0.280	78	4		10
01/28/2021	0.00	1.885	1.890								100								
01/29/2021	0.00	1.889	1.909								100								
01/30/2021	0.00	1.810	1.857								100								
01/31/2021	0.07	1.811	1.862								100								
Total	0.64	57.922	60.189	8,657	134	2,657	135,392	2,196	7,740	193.95	3,026	120,989.31	3,194	67.760	7.170	1,054.033	120.137		197.150
Average	0.02	1.868	1.942	321	5	98	5,015	81	287	7.18	98	4,481.09	118	5.647	0.598	87.833	9.917		16.333
Maximum	0.27	1.96	2.28	452.00	7.21	99.26	7,185.01	124.48	844.00	10.10	100.00	13,324.75	185.23	7.30	1.72	115.25	29.94		33.70
Minimum	0.00	1.78	1.71	245.00	3.15	97.34	3,657.51	47.78	204.00	3.75	95.99	3,081.16	55.73	4.62	0.25	71.06	3.72		5.12

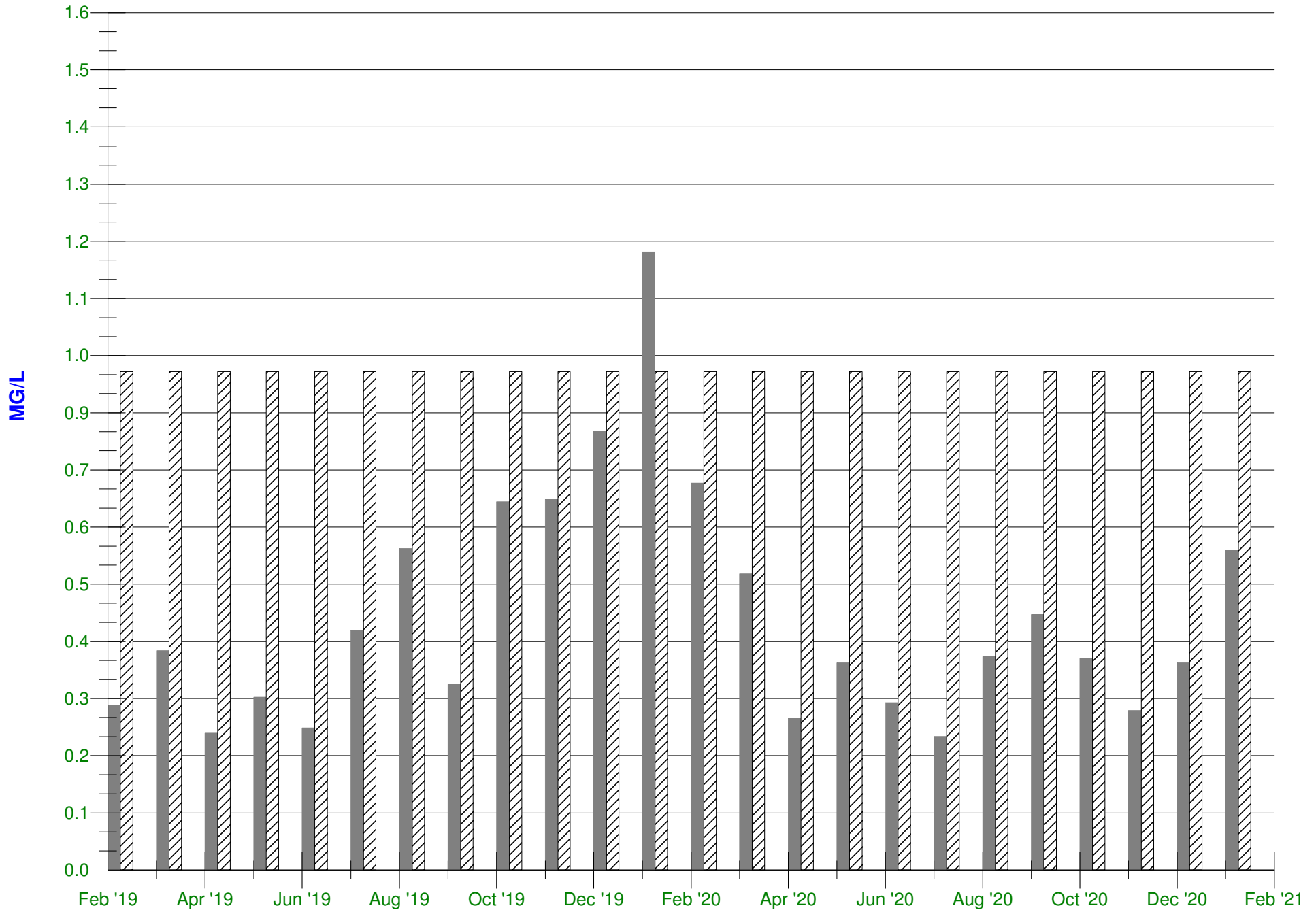
BOD Raw 2 Year History



SS Raw 2 Year History



Phosphorus mg/l 2 Year History



Date (02/01/2019 to 01/31/2021)

■ 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	%			
Feb 2020	30	8	1.05	2.132	2.498	6.196	110	0.722	15	320	5,690	4.30	89.62	99	283	5,035	8.81	183.62	97	6,950	5,601	
Mar 2020	43	26	3.88	2.669	2.992	5.166	105	0.553	13	232	5,163	3.69	92.18	98	242	5,388	9.10	227.07	96	6,200	5,071	
Apr 2020	51	31	2.12	3.425	3.801	3.682	76	0.284	7	235	6,720	2.79	88.34	99	238	6,806	6.93	219.66	97	4,667	6,632	
May 2020	65	45	4.78	2.294	2.766	4.608	83	0.387	8	266	5,094	3.75	86.60	99	253	4,832	6.01	138.61	97	5,362	5,007	
Jun 2020	78	57	7.57	2.698	3.229	3.828	84	0.313	8	219	4,921	3.82	102.76	98	200	4,491	4.18	112.51	98	6,347	4,818	
Jul 2020	83	63	2.91	2.407	2.876	3.658	75	0.250	6	238	4,778	2.97	71.16	99	223	4,476	4.79	114.99	98	5,800	4,707	
Aug 2020	81	59	1.83	2.081	2.487	4.929	86	0.398	8	250	4,345	3.58	74.17	99	244	4,232	5.16	107.13	98	4,613	4,271	
Sep 2020	67	49	2.67	2.140	2.397	5.413	96	0.477	9	286	5,099	4.14	82.74	99	281	5,022	4.89	97.82	98	3,960	5,016	
Oct 2020	51	34	2.61	2.029	2.350	6.839	117	0.395	8	342	5,791	3.72	72.93	99	363	6,137	5.02	98.47	98	4,116	5,718	
Nov 2020	49	29	3.56	2.060	2.173	5.927	102	0.298	5	288	4,952	3.21	58.12	99	287	4,935	5.13	93.05	98	3,060	4,894	
Dec 2020	32	17	0.41	1.890	2.071	4.927	79	0.387	7	290	4,569	4.05	69.85	99	275	4,327	5.08	87.67	98	5,406	4,499	
Jan 2021	27	14	0.64	1.868	1.942	5.647	88	0.598	10	321	4,996	4.97	80.55	98	287	4,467	7.18	116.32	97	6,445	4,916	
Minimum	27	8	0.41	1.868	1.942	3.658	75	0.250	5	219	4,345	2.79	58.12	98	200	4,232	4.18	87.67	96	3,060	4,271	
Maximum	83	63	7.57	3.425	3.801	6.839	117	0.722	15	342	6,720	4.97	102.76	99	363	6,806	9.10	227.07	98	6,950	6,632	
Total	657	431	34.03	27.693	31.582	60.819	1,103	5.059	106	3,287	62,119	44.98	969.02	1,183	3,175	60,150	72.30	1,596.92	1,170	62,926	61,150	
Average	55	36	2.84	2.308	2.632	5.068	92	0.422	9	274	5,177	3.75	80.75	99	265	5,012	6.02	133.08	98	5,244	5,096	

SEWER REPORT FOR THE MONTH OF JANUARY 2021

2021	
46,592	feet of sanitary sewer flushed
379	feet of sanitary sewer cut
-	feet of storm sewer cut
-	feet of storm sewer jetted
1,274	feet of sanitary sewer jetted
4,855	feet of sewer main televised
-	feet of storm main televised

v.s.

2020	
40,551	feet of sanitary sewer flushed
1,908	feet of sanitary sewer cut
-	feet of storm sewer cut
-	feet of storm sewer jetted
2,043	feet of sanitary sewer jetted
12,417	feet of sewer main televised
-	feet of storm main televised