

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

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

AGENDA

Discussion and Possible Action on:

1. Roll Call.
2. Approval of Minutes of the March 8, 2021 meeting.
3. Approval of Department Claims.
4. To award the 2021 Street Improvements Project #21-01 to Gerke Excavating, Inc. in the amount not to exceed \$7,175,149.71 - *Joel Lemke*
5. Credit card processing fees - *Joel Lemke*
6. Water Supply and Distribution Reports - *Eric Southworth*
7. Sewage Treatment Operations Report - *Chris Lefebvre*
8. Construction and Maintenance Report - *Craig Czaikowski*
9. Community Area Network Report - *Joel Lemke*
10. Directors Report - *Joel Lemke*
11. Adjournment.

The next Water and Sewerage Commission meeting will be Monday, May 10, 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
March 8, 2021 - 12:00 PM
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<https://us02web.zoom.us/j/82026885705>
URL 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

Staff Present: Joel Lemke, Mary Klesmith, Chris Lefebvre, Eric Southworth, Jason Draheim and Jaime Zdroik

2. Approval of Minutes

Motion made by Mae Nachman, seconded by Carl Rasmussen to approve the February 8, 2021 meeting of the Board of Water & Sewerage Commission.

Ayes all. Nays none. Motion carried.

3. Approval of Department Claims

Motion made by Ray Schmidt, seconded by Anna Haines to approve the department claims for the month of February 2021 as audited and read.

Ayes all. Nays none. Motion carried.

4. Award of the Utility Roofing Project, Project #21-09, to Pioneer Roofing in an amount not to exceed \$416,066.55 - Joel Lemke

Joel explained the Capital Operations and Maintenance Plan for 2021 included these roofing projects. One project is for two roofs at the WWTP and the other is for a new roof at Well 11.

Bids were received for the roofing projects. The lowest bid for both projects was from Pioneer Roofing. The WWTP roofing project came in just over what was estimated and approved previously in the 2021 Capital Operations & Maintenance Plan. The estimated amount was \$105,000.00, Pioneer's bid came in at \$111,349.00. The Well 11 roofing project was estimated at \$350,000.00 and came in at \$250,448.00 which was well under the estimated amount.

Joel stated that staff is still working on the legal remedy in regards to the failure of the current roof of Well 11 but regardless the roof needs to be replaced.

Staff recommends awarding the roofing project to Pioneer Roofing in an amount not to exceed \$416,066.55 which includes the usual 15% contingency.

Joel also explained the addendum and what it included.

Motion made by Carl Rasmussen, seconded by Anna Haines to award the Utility Roofing Project, Project #21-09 to Pioneer Roofing in an amount not to exceed \$416,066.55.

Ayes all. Nays none. Motion carried.

5. Real estate needs associated with the re-location of municipal Well 4, future Well 12 - Joel Lemke/Eric Southworth

Joel explained that he will have to take an item to the Plan Commission for the acquisition of land for the relocation of Well 4, which will be known as Well 12. A map of the the potential new Well 12 site was included in the packet. Joel explained that there are a couple of properties that could be acquired in part, or whole for the future Well 12 site.

Joel stated even though all land acquisition's need to go through the Plan Commission, it is utility spending so he wanted Commission approval as well.

Motion made by Carl Rasmussen, seconded by Ray Schmidt to give staff approval to seek permission from the Plan Commission to acquire land in the area indicated for municipal Well 12.

Ayes all. Nays none. Motion carried.

6. Water Supply and Distribution Reports - Eric Southworth

Eric stated we are currently working on the end of year reporting.

7. Sewage Treatment Operations Report - Chris Lefebvre

Chris stated the WWTP met all permits for the month of February.

It was a challenging month with an upset caused by some low influent strength and cold temperatures. They are working with Donohue & Associates on a solution for this in the future planning. The biogas engine was rebuilt the last week in February. We did produce 4 percent of our own electricity and 60 percent of our own heat.

8. Construction and Maintenance Report - Craig Czaikowski

Craig stated they just finished up checking hydrants. Now they will be working on repairing hydrants and they will also be working on some improvements needed with the fiber as well. There were a few water main breaks last month.

9. Community Area Network Report - Joel Lemke

Nothing to report.

10. Directors Report - Joel Lemke

Nothing to report.

11. Adjournment.

Motion made by Mae Nachman to adjourn the meeting.

Ayes all. Nays none. Motion carried.

Meeting Adjourned: 12:29PM

REPORT TO THE APRIL 12TH, 2021
MEETING OF THE BOARD OF WATER AND SEWERAGE COMMISSIONERS

WATER DEPARTMENT

FINANCES:

Bank balance as of March 1, 2021

\$ 3,722,207.91

Bank deposits recorded in March 2021

\$ 406,776.89

\$ 4,128,984.80

CHECKS ISSUED MARCH 2021:

55224 Mae Nachman	Salary	55.70
55225 Community Foundation of Central WI	Employee Contribution	10.00
55226 United Way Of Portage County	United Way	13.00
55227 AFLAC	Insurance Premiums	26.50
55229 Aramark	Spring jacket - Bob	44.96
55230 Aramark	Rug Service	25.78
55231 AT&T	Phone Charges	37.68
55232 Badger Heating & Air Conditioning	Furnace Repair Water Office	144.00
55233 Batteries Plus	Batteries	64.08
55236 Luke Behling	Refund Check 009592-000, 417 W SCOTT ST	110.48
55237 CDW Government	Troubleshoot analog port	100.00
55238 Central States H & W Fund	Health Insurance Premiums	27,735.59
55239 County Materials Corp	Pavement repair	1,233.00
55241 Department of Natural Resources	Operator Certification Renewal - Tony Sterling & Lance Wright	90.00
55244 Ferguson Waterworks #1476	3" meters, hose bibs, hydrant oil & plugs, hydrant chains & S hooks	6,722.13
55249 John Fabick Tractor Co	Back Hoe Maintenance - Water #8	910.00
55250 K2M Design, Inc.	Roofing Project Architect	630.00
55254 USA Blue Book	Lab supplies	711.57
55255 Verizon Wireless	IPad & Cell Phone Charges	424.05
55256 WI State Laboratory of Hygiene	Fluoride Samples	26.00
55259 American Asphalt Of WI	2020 Asphalt Patching	18,709.95
55260 Heartland Business Systems, LLC	December Managed Services	198.12
55261 CDW Government	Programming Phones	200.00
55262 Ferguson Waterworks #1476	5/8" meters	8,320.53
55263 Franks Hardware Co Inc	Supplies	456.47
55264 Northern Lake Services Inc	Nitrate Sample	57.00
55265 Nummelin Testing Services Inc	Soil Investigation - Coye Drive Project	746.25
55266 Jason Pliska	Uniform Reimbursement	136.35
55267 Star Business Machines	Qtrly Maintenance Fee - Copier	252.09
55268 Community Foundation of Central WI	Employee Contribution	10.00
55269 United Way Of Portage County	United Way	13.00
55271 AnSer	After hours answering service	122.50
55272 Aramark	Rug Service	25.78
55273 AT&T	Phone Charges	982.60
55277 CORE & MAIN LP	2 - 3" meters	3,579.26
55283 Idexx Laboratories Inc	Lab supplies	1,181.84
55286 Lighting Design Solutions, Inc.	Brackets for replacement parking lot lights	296.94
55289 Mastercard	IPad case, Meter reading cord, Annual Drop Box Subscrip Renewal	83.73
55292 Springbrook Holding Company LLC	UB Conversion	4,391.67
55293 Staples Credit Plan	Office supplies	340.51
55295 Teamsters Union Local 662	Union Dues	1,487.00
55297 USA Blue Book	Timers for lab	81.89
55299 WI State Laboratory of Hygiene	Fluoride Samples	26.00
55300 Wood Street Rental Center Inc	Propane for steamer	60.00
55301 Worzell's Point Supply	PPE	31.18
55302 Donna's Cleaning Service	Cleaning Service-Utility Garage	290.00
55306 Mastercard	Seminar, replacement printer & toner, Training & AWWA Publication	1,106.97
55309 Community Foundation of Central WI	Green Circle - Joel Lemke	10.00
55310 United Way Of Portage County	United Way	13.00
55311 AFLAC	Insurance Premiums	26.50
55312 Aramark	Rug Service	25.78

55313 AT&T	Long distance phone charges	37.68		
55314 City Of Stevens Point	Additional 2020 Construction Charges	612.00		
55315 Complete Office of WI	Office supplies	80.67		
55316 CORE & MAIN LP	Meter tester	3,969.81		
55319 Ferguson Waterworks #1476	Meter heads w/radios, meter radio reading devices, meter parts	6,538.40		
55320 Hawkins Inc	Chemicals	2,213.20		
55321 KP Appliance Inc	Washing Machine	309.67		
55322 L.W. Allen, LLC	Well 11 Water Meter Troubleshooting	1,120.00		
55323 Mada Embroidery& Screen Printing, LLC	Uniforms	74.00		
55326 Municipal Environmental Group-Water Divis	2021 Membership Charges	2,000.00		
55328 Seiler Instrument & Mfg	GPS Unit	10,532.90		
55329 The Sherwin-Williams Co	Paint	7.83		
55330 Springbrook Holding Company LLC	Monthly Civic Pay Fee	60.00		
55331 WI Department Of Administration	Principal Loan Payments 4915-03 & 4915-01, Interest	723,425.09		
	Loan Payments 4915-03- & 4915-01			
WI Dept of Revenue	Garnishment of wages	7.83		
HRA	Admin Charges	55.00		
Payroll	March Payroll	59,690.34		
IRS	Combined Payroll Taxes	30,427.85		
WI Dept of Revenue	Payroll Taxes	7,409.54	\$	930,949.24
TOTAL EXPENSES LISTED		\$	930,949.24	\$ 3,198,035.56
BALANCE ON HAND MARCH 31, 2021				
	Balance on Hand		\$	3,198,035.56
	Plus uncleared checks		\$	830,484.68
	Less checks previously written clearing this month		\$	(3,594.60)
	Ending Cash Balance matching Bank Statements		\$	4,024,925.64
	Less Restricted Funds		\$	(861,145.48)

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

FINANCES:

Bank Balance as of March 1, 2021
Bank Deposits recorded in March 2021

\$	6,308,498.83
\$	234,458.01
\$	6,542,956.84

CHECKS ISSUED IN MARCH 2021:

55228 Stevens Point Airport	Airport's portion of credit card rebate	49.36
55230 Aramark	Rug Service	148.19
55233 Batteries Plus	Batteries	195.00
55234 BDP Industries	Press Belts	3,134.22
55238 Central States H & W Fund	Health Insurance Premiums	10,530.79
55240 Dakota Electric Services Inc	Troubleshoot pump	147.50
55242 Donohue & Associates, Inc.	Design & bidding services for Liftstation Replacements	1,690.00
55246 Grainger	Heater	235.60
55247 H&S Protection Systems Inc	Annual Alarm Monitoring Main Fee	1,014.41
55248 Hawkins Inc	Chemical - Azone	841.05
55250 K2M Design, Inc.	Roofing Project Architect	630.00
55251 Jeffrey MacDonald Mac Donald Environmental Services	Samples	350.00
55252 NAPA	Antifreeze	171.83
55253 Transit Department	Transit's portion of credit card rebate	54.73
55254 USA Blue Book	Pump, Coupling	849.86
55255 Verizon Wireless	IPad & Cell Phone Charges	1,230.32
55257 Wolter Power Systems	Trailer Mounted Generator	47,650.00
55258 Mark Zalewski	Boot allowance - Mark Zalewski	125.00
55259 American Asphalt Of WI	2020 Asphalt Patching	10,328.70
55260 Heartland Business Systems, LLC	December Managed Services	198.12
55263 Franks Hardware Co Inc	Supplies	54.24
55270 Airgas USA, LLC	Annual Tank Inspection	350.00
55272 Aramark	Rug Service	148.19
55273 AT&T	Phone Charges	625.32
55275 Brenntag Great Lakes LLC	Chemicals - Ferric Chloride	7,343.94
55276 Cooper Oil Company Inc	Fuel	5.51
55278 Rebecca Danczyk	Uniform Reimbursement	120.60
55279 Fastenal Company	Supplies	2.01
55280 Hach Company	Lab supplies	838.12
55281 Harter's Fox Valley Disposal	Dumpster Service	351.50
55282 Hawkins Inc	Chemicals - Azone	447.93
55284 Johnson Controls Fire Protection LP	Fire Alarm System Annual Maint	589.75
55285 Kraft Power	Rebuild generator	43,265.00
55287 NAPA	Antifreeze	183.77
55288 NCL of Wisconsin Inc	Lab supplies	851.75
55289 Mastercard	Replacement starter, Annual Drop Box Subscrip	78.97
55290 Pomp's Tire Service, Inc.	Tire Repairs	21.00
55291 Spee Dee Deliver Service Inc.	Shipping charges	7.74
55292 Springbrook Holding Company LLC	UB Conversion	4,391.67
55294 Star Business Machines	Quarterly Maint Charge Copier	99.00
55296 Unemployment Insurance	Non-filing fee	240.00
55297 USA Blue Book	Pump	256.95
55298 Vacuum, Pump & Compressor, Inc.	West End Kit	2,135.75
55299 WI State Laboratory of Hygiene	Samples	144.00
55302 Donna's Cleaning Service	Cleaning Service-Utility Garage	25.00
55304 McMaster-Carr Supply Co	Fittings	220.90
55305 NCL of Wisconsin Inc	Lab supplies	832.36
55307 USA Blue Book	Tube assemblies & couplings	352.58
55312 Aramark	Rug Service	148.19
55314 City Of Stevens Point	Additional 2020 Construction Charges	2,239.00
55317 CT Laboratories	Samples	391.00
55318 Fastenal Company	Supplies	5.16

55321 KP Appliance Inc	Washing Machine	309.67	
55323 Mada Embroidery& Screen Printing, LLC	Uniforms	226.20	
55324 McMaster-Carr Supply Co	Pipe	44.52	
55325 Municipal Environmental Group-Wastewater Div	2021 Membership Charges	2,250.00	
55327 Northern Lake Services Inc	Samples	47.30	
55328 Seiler Instrument & Mfg	GPS Unit	10,532.90	
55331 WI Department Of Administration	Principal Loan Payment 4001-05, Interest Loan Payment 4001-05	1,211,080.69	
Replacement Fund	Jan deposit recorded on February report in error	835.62	
January Shared Operating Costs	Sewer Portion	30,357.53	
February Shared Operating Costs	Sewer Portion	30,357.54	
March Shared Operating Costs	Sewer Portion	30,357.54	
Payroll Correction	Hours posted to wrong dept	947.71	
HRA	Admin Fees	20.00	
Sewer Payroll	March Payroll	43,689.18	
Payroll Taxes	Payroll Taxes	3,354.11	
TOTAL OF EXPENSES LISTED		<u>\$ 1,510,752.09</u>	<u>\$ 1,510,752.09</u>
BALANCE ON HAND MARCH 31, 2021			<u>\$ 5,032,204.75</u>
	Balance on Hand		<u>\$ 5,032,204.75</u>
	Plus uncleared checks		<u>\$ 1,227,399.63</u>
	Less checks previously written clearing this month		<u>\$ (6,420.80)</u>
	Ending Cash Balance matching Bank Statements		<u><u>\$ 6,253,183.58</u></u>
		<u>Less Restricted Balance</u>	<u>\$ 3,859,987.80</u>
		TOTAL	\$ 10,113,171.38

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

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

STORM WATER DEPARTMENT

FINANCES:

Bank balance as of March 1, 2021

\$ 1,028,160.35

Bank deposits recorded in March 2021

\$ 103,967.52

\$ 1,132,127.87

CHECKS ISSUED MARCH 2021:

55238 Central States H & W Fund	Health Insurance Premiums	10,112.42	
55243 FedEx	Shipping charges	32.22	
55245 Colten Gaylord	Uniform Reimbursement	63.30	
55249 John Fabick Tractor Co	Back Hoe Maintenance	1,968.95	
55255 Verizon Wireless	IPad & Cell Phone Charges	756.43	
55259 American Asphalt Of WI	2020 Asphalt Patching	4,383.10	
55260 Heartland Business Systems, LLC	December Managed Services	198.12	
55263 Franks Hardware Co Inc	Supplies	15.68	
55265 Nummelin Testing Services Inc	Soil Investigation - Coye Drive Project	2,238.75	
55274 Bond Trust Services Corp	Principal & Interest Payment - Revenue Bond Loan,	136,450.00	
	Annual Agent Fee Bond REF 63261-PA		
55289 Mastercard	Annual Drop Box Subscrip Renewal	39.96	
55292 Springbrook Holding Company LLC	UB Conversion	4,391.66	
55293 Staples Credit Plan	Office supplies	49.68	
55296 Unemployment Insurance	Non-filing fee	100.00	
55302 Donna's Cleaning Service	Cleaning Service-Utility Garage	25.00	
55303 First Supply LLC -Plover	Adhesive	512.64	
55306 Mastercard	Seminar, replacement printer & toner	45.00	
55314 City Of Stevens Point	Additional 2020 Construction Charges	5,112.50	
55318 Fastenal Company	Adhesive, Supplies	305.56	
55321 KP Appliance Inc	Washing Machine	309.66	
55323 Mada Embroidery& Screen Printing, LLC	Uniforms	108.60	
55328 Seiler Instrument & Mfg	GPS Unit	10,532.90	
January Shared Operating Costs	Storm Portion	15,967.93	
February Shared Operating Costs	Storm Portion	15,967.95	
March Shared Operating Costs	Storm Portion	15,967.95	
Payroll	March Payroll	16,056.86	
IRS	Payroll Taxes	1,910.22	
Payroll Correction	Hours posted to wrong dept	617.89	
TOTAL OF EXPENSES LISTED		\$ 244,240.93	\$ 244,240.93
BALANCE ON HAND MARCH 31, 2021			\$ 887,886.94

Balance on Hand	\$ 887,886.94
Plus checks written after the end of this month	
Plus uncleared checks	\$ 16,414.22
Less checks previously written clearing this month	\$ (220.20)
Ending Cash Balance matching Bank Statements	\$ 904,080.96



April 8, 2021

Water and Sewerage Commissioners:

The approved Capital Operations and Maintenance Plan for 2021 includes a large reconstruction project on the north side of the City.

On March 16, 2021, we publicly opened bids. The results are shown on the attached bid tabulation.

The lowest bid (qualified and responsive) was presented by Gerke Excavating, Inc. out of Tomahawk, WI.

Here are the projected project costs associated with each utility as well as the amount we estimated within the Capital Operations and Maintenance Plan for 2021.

<u>Enterprise</u>	<u>Bid Amount estimate</u>	<u>Cap. O & M estimate</u>
Water	\$1,245,780	\$635,000
Wastewater	\$1,005,532	\$420,000
Stormwater	\$1,888,110	\$3,285,000
Total	\$4,139,422	\$4,340,000

As you can see, the total estimate was close to the amounts in the bid. Our distribution of the costs between enterprise funds was off significantly. Most of this can be attributed to the rather unique nature of the stormwater construction this year. In awarding the bid, the Commission is also recognizing that a modification to the Capital Operations and Maintenance Plan for 2021 is needed. The numbers in that approved plan will be closer to the amounts show above in the left column. We are requesting that the Commission support the award of the bid to Gerke Excavating of Tomahawk, WI in an amount not to exceed \$7,175,149,71 including a 15% contingency. Formal action will be taken by the Board of Public Works on the evening of April 12, 2021. I will present your recommendation verbally at that meeting.

Sincerely,

Joel Lemke
Director of Public Utilities

Line Item	Item Code	Item Description	UoM	Quantity	Gerke Excavating Inc.		Haas Sons, Inc.		James Peterson Sons, Inc. - Utility Division		A-1 Excavating Inc.	
					Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
1	201.0105	Clearing	STA	5	\$1,086.59	\$5,432.95	\$1,200.00	\$6,000.00	\$1,511.21	\$7,556.05	\$300.00	\$1,500.00
2	201.0205	Grubbing	STA	5	\$1,086.59	\$5,432.95	\$800.00	\$4,000.00	\$1,511.21	\$7,556.05	\$3,000.00	\$15,000.00
3	204.0100	Removing Pavement	SY	4,015	\$2.08	\$8,351.20	\$4.00	\$16,060.00	\$5.15	\$20,677.25	\$6.20	\$24,893.00
4	204.0150	Removing Curb & Gutter	LF	14,000	\$1.51	\$21,140.00	\$2.00	\$28,000.00	\$2.58	\$36,120.00	\$2.40	\$33,600.00
5	204.0155	Removing Concrete Sidewalk	SY	12,000	\$1.64	\$19,680.00	\$5.00	\$60,000.00	\$3.09	\$37,080.00	\$2.60	\$31,200.00
6	205.0100	Excavation Common	CY	12,568	\$12.83	\$161,247.44	\$11.55	\$145,160.40	\$12.36	\$155,340.48	\$15.00	\$188,520.00
7	205.0200	Excavation Rock	CY	6,700	\$108.94	\$729,898.00	\$92.00	\$616,400.00	\$113.36	\$759,512.00	\$0.01	\$67.00
8	209.1100	Backfill Granular	CY	34,500	\$16.82	\$580,290.00	\$17.53	\$604,785.00	\$19.70	\$679,650.00	\$21.00	\$724,500.00
9	213.0100	Finishing Roadway	EACH	1	\$4,109.08	\$4,109.08	\$28,635.00	\$28,635.00	\$28,635.00	\$28,635.00	\$31,413.00	\$31,413.00
10	305.0110	Base Aggregate Dense 3/4-Inch	TON	50	\$34.35	\$1,717.50	\$19.34	\$967.00	\$25.75	\$1,287.50	\$22.00	\$1,100.00
11	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	29,400	\$11.69	\$343,686.00	\$11.34	\$333,396.00	\$11.85	\$348,390.00	\$14.00	\$411,600.00
12	416.0160	Concrete Driveway 6-Inch	SY	1,600	\$43.32	\$69,312.00	\$47.25	\$75,600.00	\$46.35	\$74,160.00	\$46.00	\$73,600.00
13	460.6242	HMA Pavement 2MT 58-34 S	TON	260	\$80.09	\$20,823.40	\$81.00	\$21,060.00	\$80.10	\$20,826.00	\$82.00	\$21,320.00
14	460.6243	HMA Pavement 3MT 58-34 S	TON	3,385	\$80.40	\$272,154.00	\$80.40	\$272,154.00	\$80.40	\$272,154.00	\$82.00	\$277,570.00
15	460.6244	HMA Pavement 4MT 58-34 S	TON	2,865	\$83.53	\$239,313.45	\$83.55	\$239,370.75	\$83.53	\$239,313.45	\$85.00	\$243,525.00
16	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	40	\$149.23	\$5,969.20	\$150.00	\$6,000.00	\$149.23	\$5,969.20	\$170.00	\$6,800.00
17	601.0600	Concrete Curb Pedestrian	LF	130	\$45.77	\$5,950.10	\$35.00	\$4,550.00	\$39.14	\$5,088.20	\$39.00	\$5,070.00
18	602.0405	Concrete Sidewalk 4-Inch	SF	54,800	\$3.68	\$201,664.00	\$4.25	\$232,900.00	\$4.54	\$248,792.00	\$5.50	\$301,400.00
19	602.0415	Concrete Sidewalk 6-Inch	SF	15,800	\$4.85	\$76,630.00	\$5.25	\$82,950.00	\$5.15	\$81,370.00	\$6.10	\$96,380.00
20	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	760	\$39.63	\$30,118.80	\$33.00	\$25,080.00	\$33.00	\$25,080.00	\$31.00	\$23,560.00
21	602.1500	Concrete Steps	SF	200	\$67.93	\$13,586.00	\$32.15	\$6,430.00	\$61.80	\$12,360.00	\$62.00	\$12,400.00
22	608.3012	Storm Sewer Pipe Class III-A 12-Inch	LF	998	\$39.24	\$39,161.52	\$45.50	\$45,409.00	\$67.40	\$67,265.20	\$48.00	\$47,904.00
23	608.3015	Storm Sewer Pipe Class III-A 15-Inch	LF	1,887	\$41.86	\$78,989.82	\$46.75	\$88,217.25	\$75.92	\$143,261.04	\$50.00	\$94,350.00
24	608.3018	Storm Sewer Pipe Class III-A 18-Inch	LF	948	\$48.85	\$46,309.80	\$51.25	\$48,585.00	\$72.67	\$68,891.16	\$53.00	\$50,244.00
25	608.3024	Storm Sewer Pipe Class III-A 24-Inch	LF	86	\$59.76	\$5,139.36	\$70.50	\$6,063.00	\$116.51	\$10,019.86	\$96.00	\$8,256.00
26	608.3030	Storm Sewer Pipe Class III-A 30-Inch	LF	30	\$103.24	\$3,097.20	\$125.00	\$3,750.00	\$181.31	\$5,439.30	\$145.00	\$4,350.00
27	611.2004	Manholes 4-FT Diameter	EACH	23	\$2,629.82	\$60,485.86	\$3,425.00	\$78,775.00	\$2,706.60	\$62,251.80	\$3,035.00	\$69,897.00
28	611.2005	Manholes 5-FT Diameter	EACH	1	\$4,372.45	\$4,372.45	\$4,795.00	\$4,795.00	\$4,485.21	\$4,485.21	\$4,890.00	\$4,890.00
29	611.2006	Manholes 6-FT Diameter	EACH	1	\$4,846.49	\$4,846.49	\$6,805.00	\$6,805.00	\$5,288.05	\$5,288.05	\$5,812.00	\$5,812.00
30	611.2008	Manholes 8-FT Diameter	EACH	3	\$7,253.02	\$21,759.06	\$17,640.00	\$52,920.00	\$8,439.77	\$25,319.31	\$9,515.00	\$28,545.00
31	611.2504	Manholes Variable Tee 4-FT Diameter	EACH	3	\$3,879.59	\$11,638.77	\$4,115.00	\$12,345.00	\$5,352.45	\$16,057.35	\$6,297.00	\$18,891.00
32	611.3004	Inlets 4-FT Diameter	EACH	5	\$7,129.58	\$35,647.90	\$3,580.00	\$17,900.00	\$2,820.59	\$14,102.95	\$3,631.00	\$18,155.00
33	611.8110	Adjusting Manholes Covers	EACH	4	\$370.50	\$1,482.00	\$350.00	\$1,400.00	\$700.00	\$2,800.00	\$1,113.00	\$4,452.00
34	611.8115	Adjusting Inlet Covers	EACH	1	\$413.39	\$413.39	\$350.00	\$350.00	\$703.20	\$703.20	\$1,250.00	\$1,250.00
35	619.1000	Mobilization	EACH	1	\$219,831.78	\$219,831.78	\$290,960.00	\$290,960.00	\$27,663.60	\$27,663.60	\$636,820.00	\$636,820.00
36	628.6510	Soil Stabilizer Type B	ACRE	2	\$943.50	\$1,887.00	\$700.00	\$1,400.00	\$721.00	\$1,442.00	\$2,420.00	\$4,840.00
37	628.7005	Inlet Protection Type A	LS	1	\$5,355.00	\$5,355.00	\$1,500.00	\$1,500.00	\$1,545.00	\$1,545.00	\$760.00	\$760.00
38	628.7015	Inlet Protection Type C	LS	1	\$2,550.00	\$2,550.00	\$6,710.00	\$6,710.00	\$6,911.30	\$6,911.30	\$560.00	\$560.00
39	634.0812	Post Tubular Steel 2x2-Inch x 12-FT	EACH	23	\$178.50	\$4,105.50	\$120.00	\$2,760.00	\$123.60	\$2,842.80	\$280.00	\$6,440.00
40	637.2210	Signs Type II Reflective H	SF	164	\$28.05	\$4,600.20	\$26.00	\$4,260.00	\$4,391.92	\$4,391.92	\$30.00	\$4,920.00
41	638.2602	Removing Signs Type II	EACH	53	\$25.50	\$1,351.50	\$25.00	\$1,325.00	\$25.75	\$1,364.75	\$25.00	\$1,325.00
42	638.3000	Removing Small Sign Supports	EACH	23	\$25.50	\$586.50	\$30.00	\$690.00	\$30.90	\$710.70	\$50.00	\$1,150.00
43	643.5000	Traffic Control	LS	1	\$22,841.87	\$22,841.87	\$17,984.50	\$17,984.50	\$22,074.04	\$22,074.04	\$29,985.00	\$29,985.00
44	646.1020	Marking Line Epoxy 4-Inch	LF	840	\$4.03	\$3,385.20	\$3.95	\$3,318.00	\$4.07	\$3,418.80	\$4.00	\$3,360.00
45	646.5020	Marking Arrow Epoxy	EACH	2	\$402.90	\$805.80	\$395.00	\$790.00	\$406.85	\$813.70	\$400.00	\$800.00
46	646.5220	Marking Symbol Epoxy	EACH	2	\$606.90	\$1,213.80	\$595.00	\$1,190.00	\$612.85	\$1,225.70	\$600.00	\$1,200.00
47	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	495	\$6.17	\$3,054.15	\$6.05	\$2,994.75	\$6.24	\$3,088.80	\$7.00	\$3,465.00
48	650.4000	Construction Staking Storm Sewer	EACH	101	\$61.20	\$6,181.20	\$60.00	\$6,060.00	\$61.80	\$6,241.80	\$66.00	\$6,666.00
49	650.4500	Construction Staking Subgrade	LF	7,169	\$0.46	\$3,297.74	\$0.01	\$71.69	\$0.02	\$143.38	\$0.10	\$716.90

Line Item	Item Code	Item Description	UoM	Quantity	Gerke Excavating Inc.			Haas Sons, Inc.			James Peterson Sons, Inc. - Utility Division			A-1 Excavating Inc.	
					Unit Price	Extension	Unit Price	Unit Price	Extension	Unit Price	Unit Price	Extension	Unit Price	Unit Price	Extension
50	650.5000	Construction Staking Base	LF	7,169	\$0.71	\$5,089.99	\$0.70	\$5,018.30	\$0.73	\$5,233.37	\$0.80	\$5,735.20	\$0.80	\$5,735.20	\$5,735.20
51	650.5500	Construction Staking Curb and Gutter	LF	13,650	\$0.66	\$9,009.00	\$0.65	\$8,872.50	\$0.67	\$9,145.50	\$0.70	\$9,555.00	\$0.70	\$9,555.00	\$9,555.00
52	650.8500	Construction Staking Electrical Installations (project) 01. 21-01	LS	1	\$1,224.00	\$1,224.00	\$1,200.00	\$1,200.00	\$1,236.00	\$1,236.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
53	650.9920	Construction Staking Slope Stakes	LF	7,169	\$0.97	\$6,953.93	\$0.95	\$6,810.55	\$0.98	\$7,025.62	\$1.00	\$7,169.00	\$1.00	\$7,169.00	\$7,169.00
54	652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	805	\$6.12	\$4,926.60	\$6.81	\$5,482.05	\$6.18	\$4,974.90	\$7.00	\$5,635.00	\$7.00	\$5,635.00	\$5,635.00
55	654.0107	Concrete Bases Type 7	EACH	5	\$867.00	\$4,335.00	\$850.00	\$4,250.00	\$875.50	\$4,377.50	\$900.00	\$4,500.00	\$900.00	\$4,500.00	\$4,500.00
56	655.0625	Electrical Wire 6 AWG	LF	4,025	\$1.22	\$4,910.50	\$1.20	\$4,830.00	\$1.24	\$4,991.00	\$1.30	\$5,232.50	\$1.30	\$5,232.50	\$5,232.50
57	690.0150	Sawing Asphalt	LF	1,500	\$1.58	\$2,370.00	\$2.00	\$3,000.00	\$1.60	\$2,400.00	\$3.00	\$4,500.00	\$3.00	\$4,500.00	\$4,500.00
58	690.0250	Sawing Concrete	LF	2,000	\$2.40	\$4,800.00	\$2.35	\$4,700.00	\$2.43	\$4,860.00	\$3.50	\$7,000.00	\$3.50	\$7,000.00	\$7,000.00
59	803.0401	48-Inch Diameter Sanitary Sewer Manhole	EACH	27	\$3,865.52	\$104,369.04	\$4,590.00	\$123,930.00	\$3,202.19	\$86,459.13	\$5,098.00	\$137,646.00	\$5,098.00	\$137,646.00	\$137,646.00
60	803.0402	48-Inch Diameter Drop Sanitary Sewer Manhole	EACH	2	\$5,500.94	\$11,001.88	\$7,190.00	\$14,380.00	\$6,754.60	\$13,509.20	\$8,331.00	\$16,662.00	\$8,331.00	\$16,662.00	\$16,662.00
61	804.0406	6-Inch Sanitary Sewer Lateral	LF	2,250	\$51.47	\$115,807.50	\$44.75	\$100,687.50	\$46.73	\$105,142.50	\$79.00	\$177,750.00	\$79.00	\$177,750.00	\$177,750.00
62	805.0408	8-Inch Sanitary Sewer Main	LF	2,659	\$40.65	\$108,088.35	\$63.50	\$168,846.50	\$70.29	\$186,901.11	\$89.00	\$236,651.00	\$89.00	\$236,651.00	\$236,651.00
63	805.0410	10-Inch Sanitary Sewer Main	LF	2,143	\$45.74	\$98,020.82	\$67.75	\$145,188.25	\$76.82	\$164,625.26	\$96.00	\$205,728.00	\$96.00	\$205,728.00	\$205,728.00
64	805.0412	12-Inch Sanitary Sewer Main	LF	1,020	\$52.28	\$53,325.60	\$75.00	\$76,500.00	\$102.40	\$104,448.00	\$124.00	\$126,480.00	\$124.00	\$126,480.00	\$126,480.00
65	805.0415	15-Inch Sanitary Sewer Main	LF	36	\$87.48	\$3,149.28	\$221.00	\$7,956.00	\$139.51	\$5,022.36	\$147.00	\$5,292.00	\$147.00	\$5,292.00	\$5,292.00
66	805.0421	21-Inch Sanitary Sewer Main	LF	48	\$116.46	\$5,590.08	\$239.25	\$11,484.00	\$149.88	\$7,194.24	\$168.00	\$8,064.00	\$168.00	\$8,064.00	\$8,064.00
67	805.0424	24-Inch Sanitary Sewer Main	LF	26	\$172.43	\$4,483.18	\$531.00	\$13,806.00	\$164.90	\$4,287.40	\$184.00	\$4,784.00	\$184.00	\$4,784.00	\$4,784.00
68	806.0401	Class B Bedding	LF	19,000	\$5.77	\$109,630.00	\$5.00	\$95,000.00	\$0.01	\$190.00	\$0.01	\$190.00	\$0.01	\$190.00	\$190.00
69	808.0610	1.0-Inch Water Service (Polyethylene)	LF	2,520	\$48.96	\$123,379.20	\$43.25	\$108,990.00	\$59.43	\$149,763.60	\$75.00	\$189,000.00	\$75.00	\$189,000.00	\$189,000.00
70	808.0610	1.25-Inch Water Service (Polyethylene)	LF	30	\$203.02	\$6,090.60	\$121.00	\$3,630.00	\$86.56	\$2,596.80	\$157.00	\$4,710.00	\$157.00	\$4,710.00	\$4,710.00
71	808.0620	2.0-Inch Water Service (Polyethylene)	LF	50	\$57.24	\$2,862.00	\$121.00	\$6,050.00	\$77.58	\$3,879.00	\$103.00	\$5,150.00	\$103.00	\$5,150.00	\$5,150.00
72	809.0601	Standard Hydrant	EACH	12	\$4,088.00	\$49,056.00	\$4,130.00	\$49,560.00	\$5,895.00	\$70,740.00	\$6,335.00	\$76,020.00	\$6,335.00	\$76,020.00	\$76,020.00
73	811.0604	4-Inch Diameter Watermain	LF	31	\$187.78	\$5,821.18	\$104.50	\$3,239.50	\$251.17	\$7,786.27	\$143.00	\$4,433.00	\$143.00	\$4,433.00	\$4,433.00
74	811.0606	6-Inch Diameter Watermain	LF	2,583	\$52.68	\$136,072.44	\$61.80	\$159,629.40	\$79.61	\$205,632.63	\$87.00	\$224,721.00	\$87.00	\$224,721.00	\$224,721.00
75	811.0608	8-Inch Diameter Watermain	LF	3,451	\$72.17	\$249,058.67	\$69.95	\$241,397.45	\$92.63	\$319,666.13	\$104.00	\$358,904.00	\$104.00	\$358,904.00	\$358,904.00
76	811.0612	12-Inch Diameter Watermain	LF	1,250	\$102.54	\$128,175.00	\$49.00	\$61,250.00	\$133.95	\$167,437.50	\$131.00	\$163,750.00	\$131.00	\$163,750.00	\$163,750.00
77	812.0601	2-Inch Rigid Insulation	LF	300	\$12.81	\$3,843.00	\$8.50	\$2,550.00	\$12.00	\$3,600.00	\$16.00	\$4,800.00	\$16.00	\$4,800.00	\$4,800.00
78	SPV.0060.01	Drain Basin (24-Inch)	EACH	60	\$2,206.09	\$132,365.40	\$2,800.00	\$168,000.00	\$2,628.42	\$157,705.20	\$3,560.00	\$213,600.00	\$3,560.00	\$213,600.00	\$213,600.00
79	SPV.0060.02	Manholes 10-FT Diameter	EACH	4	\$12,960.39	\$51,841.56	\$20,690.00	\$82,760.00	\$20,136.89	\$80,547.56	\$15,353.00	\$61,412.00	\$15,353.00	\$61,412.00	\$61,412.00
80	SPV.0060.03	Manholes 12x12-FT	EACH	1	\$39,208.48	\$39,208.48	\$36,015.00	\$36,015.00	\$34,758.14	\$34,758.14	\$51,528.00	\$51,528.00	\$51,528.00	\$51,528.00	\$51,528.00
81	SPV.0060.04	Salvage and Reinstall Lighting Unit	EACH	5	\$663.00	\$3,315.00	\$650.00	\$3,250.00	\$669.50	\$3,347.50	\$700.00	\$3,500.00	\$700.00	\$3,500.00	\$3,500.00
82	SPV.0060.05	Compaction Testing	EACH	10	\$285.35	\$2,853.50	\$200.00	\$2,000.00	\$772.50	\$7,725.00	\$110.00	\$1,100.00	\$110.00	\$1,100.00	\$1,100.00
83	SPV.0060.06	Construction Staking Sanitary Sewer Structures	EACH	29	\$86.70	\$2,514.30	\$85.00	\$2,465.00	\$87.55	\$2,538.95	\$100.00	\$2,900.00	\$100.00	\$2,900.00	\$2,900.00
84	SPV.0090.01	Concrete Curb & Gutter 24-Inch Type D	LF	13,650	\$12.88	\$175,812.00	\$11.50	\$156,975.00	\$12.26	\$167,349.00	\$12.00	\$163,800.00	\$12.00	\$163,800.00	\$163,800.00
85	SPV.0090.02	Storm Sewer Lateral (4-Inch)	LF	3,200	\$48.80	\$156,160.00	\$44.15	\$141,280.00	\$82.29	\$263,328.00	\$57.00	\$182,400.00	\$57.00	\$182,400.00	\$182,400.00
86	SPV.0090.03	Storm Sewer Lateral (6-Inch)	LF	20	\$49.65	\$993.00	\$38.50	\$770.00	\$108.35	\$2,167.00	\$74.00	\$1,480.00	\$74.00	\$1,480.00	\$1,480.00
87	SPV.0090.04	Storm Sewer Lateral (8-Inch)	LF	20	\$58.35	\$1,167.00	\$42.00	\$840.00	\$111.17	\$2,223.40	\$77.00	\$1,540.00	\$77.00	\$1,540.00	\$1,540.00
88	SPV.0090.05	Storm Sewer Lateral (10-Inch)	LF	40	\$58.98	\$2,359.20	\$45.00	\$1,800.00	\$144.64	\$5,785.60	\$79.00	\$3,160.00	\$79.00	\$3,160.00	\$3,160.00
89	SPV.0090.06	Storm Sewer Pipe Perforated Class III A 15-Inch	LF	390	\$49.93	\$19,472.70	\$99.75	\$38,902.50	\$76.69	\$29,909.10	\$79.00	\$30,810.00	\$79.00	\$30,810.00	\$30,810.00
90	SPV.0090.07	Storm Sewer Pipe Perforated Class III A 18-Inch	LF	587	\$52.93	\$31,069.91	\$102.25	\$60,020.75	\$92.90	\$54,932.30	\$89.00	\$52,243.00	\$89.00	\$52,243.00	\$52,243.00
91	SPV.0090.09B	Storm Sewer Pipe Perforated 48-Inch (HDPE)	LF	439	\$105.51	\$46,318.89	\$159.50	\$70,020.50	\$154.69	\$67,908.91	\$365.00	\$160,235.00	\$365.00	\$160,235.00	\$160,235.00
92	SPV.0090.10	Storm Sewer Pipe Perforated Reinforced Concrete Class III 54-Inch	LF	399	\$211.76	\$84,492.24	\$285.50	\$113,914.50	\$213.63	\$85,238.37	\$445.00	\$177,555.00	\$445.00	\$177,555.00	\$177,555.00
93	SPV.0090.11	Storm Sewer Pipe Reinforced Concrete Class IV 84-Inch	LF	376	\$437.86	\$164,635.36	\$518.00	\$194,768.00	\$508.64	\$191,248.64	\$682.00	\$256,432.00	\$682.00	\$256,432.00	\$256,432.00
94	SPV.0090.12	Storm Sewer Pipe Perforated Reinforced Concrete Horizontal Elliptical Class HE-III 38x60-Inch	LF	90	\$189.45	\$17,050.50	\$245.00	\$22,050.00	\$245.50	\$22,095.00	\$447.00	\$40,230.00	\$447.00	\$40,230.00	\$40,230.00
95	SPV.0090.13	Storm Sewer Pipe Perforated Reinforced Concrete Horizontal Elliptical Class HE-IV 48x76-Inch	LF	338	\$319.64	\$108,038.32	\$330.00	\$111,540.00	\$376.28	\$127,182.64	\$570.00	\$192,660.00	\$570.00	\$192,660.00	\$192,660.00
96	SPV.0090.14B	Storm Sewer Pipe 60-Inch (HDPE)	LF	1,403	\$148.41	\$208,219.23	\$213.75	\$299,891.25	\$249.38	\$349,880.14	\$427.00	\$599,081.00	\$427.00	\$599,081.00	\$599,081.00
97	SPV.0090.15	Cast-In-Place Retaining Wall	LF	700	\$40.98	\$28,686.00	\$36.00	\$25,200.00	\$37.08	\$25,956.00	\$50.00	\$35,000.00	\$50.00	\$35,000.00	\$35,000.00
98	SPV.0105.01	Construction Staking Water Main	LS	1	\$6,324.00	\$6,324.00	\$6,200.00	\$6,200.00	\$6,386.00	\$6,386.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00
99	SPV.0105.02	Temporary Water Service	LS	1	\$35,915.16	\$35,915.16	\$47,000.00	\$47,000.00	\$72,920.00	\$72,920.00	\$27,600.00	\$27,600.00	\$27,600.00	\$27,600.00	\$27,600.00
100	SPV.0105.03	Remove, Salvage, and Reinstall Modular Block Retaining Wall	LS	1	\$43,151.10	\$43,151.10	\$30,000.00	\$30,000.00	\$47,380.00	\$47,380.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00

Line Item	Item Code	Item Description	UoM	Quantity	Gerke Excavating Inc.		Haas Sons, Inc.		James Peterson Sons, Inc. - Utility Division		A-1 Excavating Inc.	
					Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
101	SPV.0180.01	Topsoil/Seed/Fertilizer/LawnPrep/Urban Erosion Mat	SY	12,600	\$8.33	\$104,958.00	\$6.20	\$78,120.00	\$6.29	\$79,254.00	\$4.00	\$50,400.00
						\$345,590.66		\$528,930.00		\$548,787.22		\$808,964.00
102	SPV.0090.09A	Storm Sewer Pipe Perforated 48-Inch (Reinforced Concrete)	LF	439	\$171.82	\$75,428.98	\$310.00	\$136,090.00	\$192.21	\$84,380.19	\$395.00	\$173,405.00
103	SPV.0090.14A	Storm Sewer Pipe 60-Inch (Reinforced Concrete)	LF	1,403	\$192.56	\$270,161.68	\$280.00	\$392,840.00	\$331.01	\$464,407.03	\$453.00	\$635,559.00
						\$67,700.00		\$47,000.00		\$37,920.00		\$70,000.00
104	SPV.0195.01	Hauling and Disposal of Contaminated Soil	TON	1,000	\$67.70	\$67,700.00	\$47.00	\$47,000.00	\$37.92	\$37,920.00	\$70.00	\$70,000.00
						\$6,239,260.62		\$6,650,850.84		\$7,115,573.87		\$7,932,749.60
						\$7,175,149.71		\$7,648,478.47		\$8,182,909.95		\$9,122,662.04
				Total Bid:								
				Total Bid plus contingency:								

**STEVENS POINT, WISCONSIN
WATERWORKS REPORT
FOR MARCH 2021
CURRENT YEAR VS. PREVIOUS YEAR**

	2020	2021	INCREASE	DECREASE	RECORD HIGH	DATE	
Total pumpage, gallons	138,327,000	150,690,000	12,363,000		207,774,000	Mar-05	
Daily pumping average, in gallons	4,462,000	4,860,970	398,970				
Peak pumpage, gallons, (date)	4,829,000 (6TH)	5,738,000 (15TH)	909,000		8,433,000	3/1/2005	
Low pumpage, gallons, (date)	4,015,000 (21ST)	4,306,000 (21ST)	291,000		1,785,000	03/29/70	
					3,436,000	3/15/1998	<i>Previous record low.</i>
					2,239,000	3/25/2016	<i>◀NEW-Record low since</i>
Power bill	\$13,319.47	\$14,109.62	\$790.15				<i>1995 when utility started</i>
K.W.H's used	170,150	173,447	3,297				<i>providing water to</i>
Gallons pumped per K.W.H.	813	869	56				<i>Stora Enso</i>

STEVENS POINT WATER DEPARTMENT CONSUMPTION HISTORY

(Pumpage x 1,000)

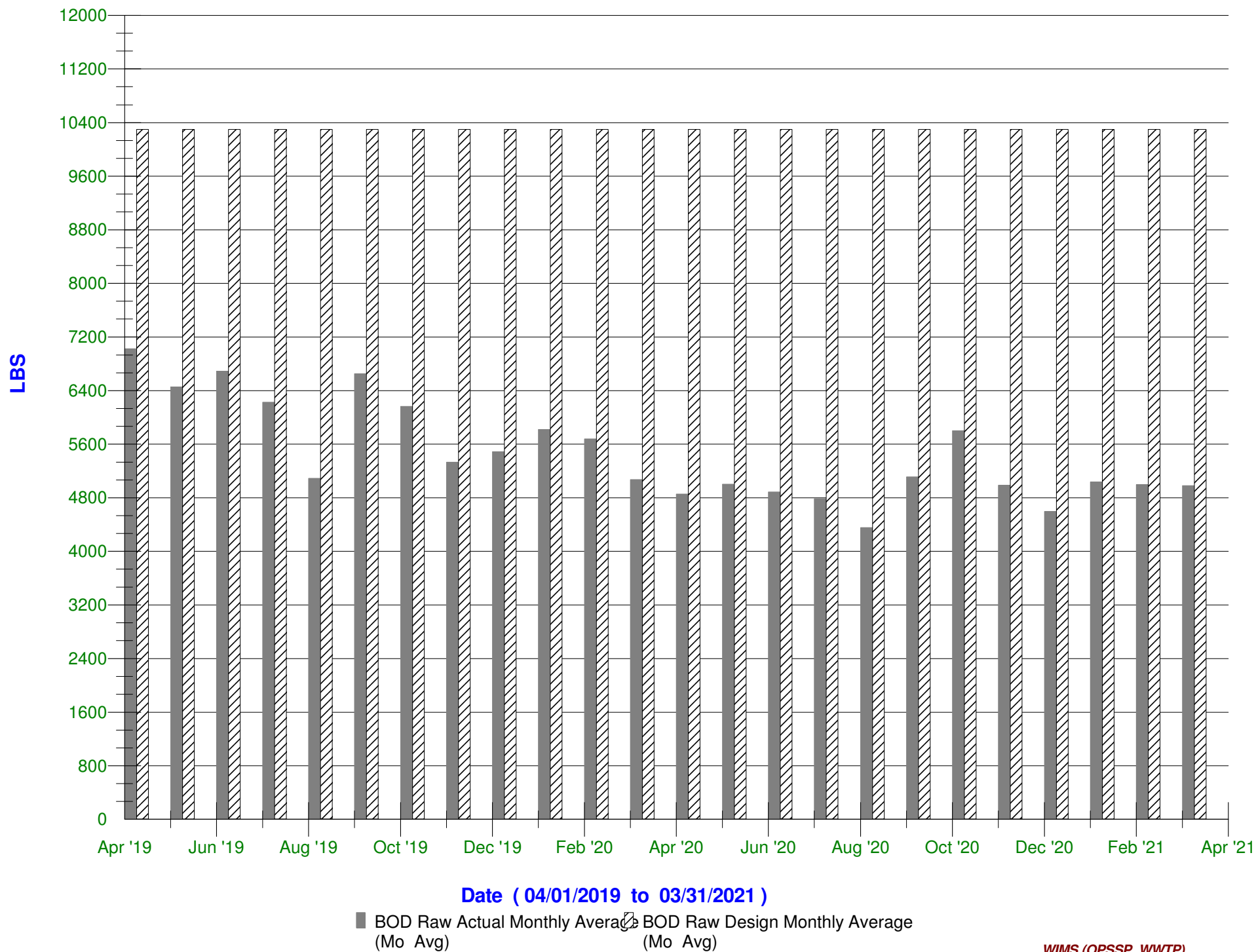
MONTH	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
JANUARY	138,644	150,622	142,263	147,206	140,438	131,056	135,295	140,095	130,487	145,393
FEBRUARY	135,391	131,127	135,573	132,869	123,311	124,330	132,142	134,021	131,003	146,311
MARCH	150,690	138,327	154,358	148,770	139,881	131,189	146,717	147,561	141,337	149,346

Final Effluent Discharge Data

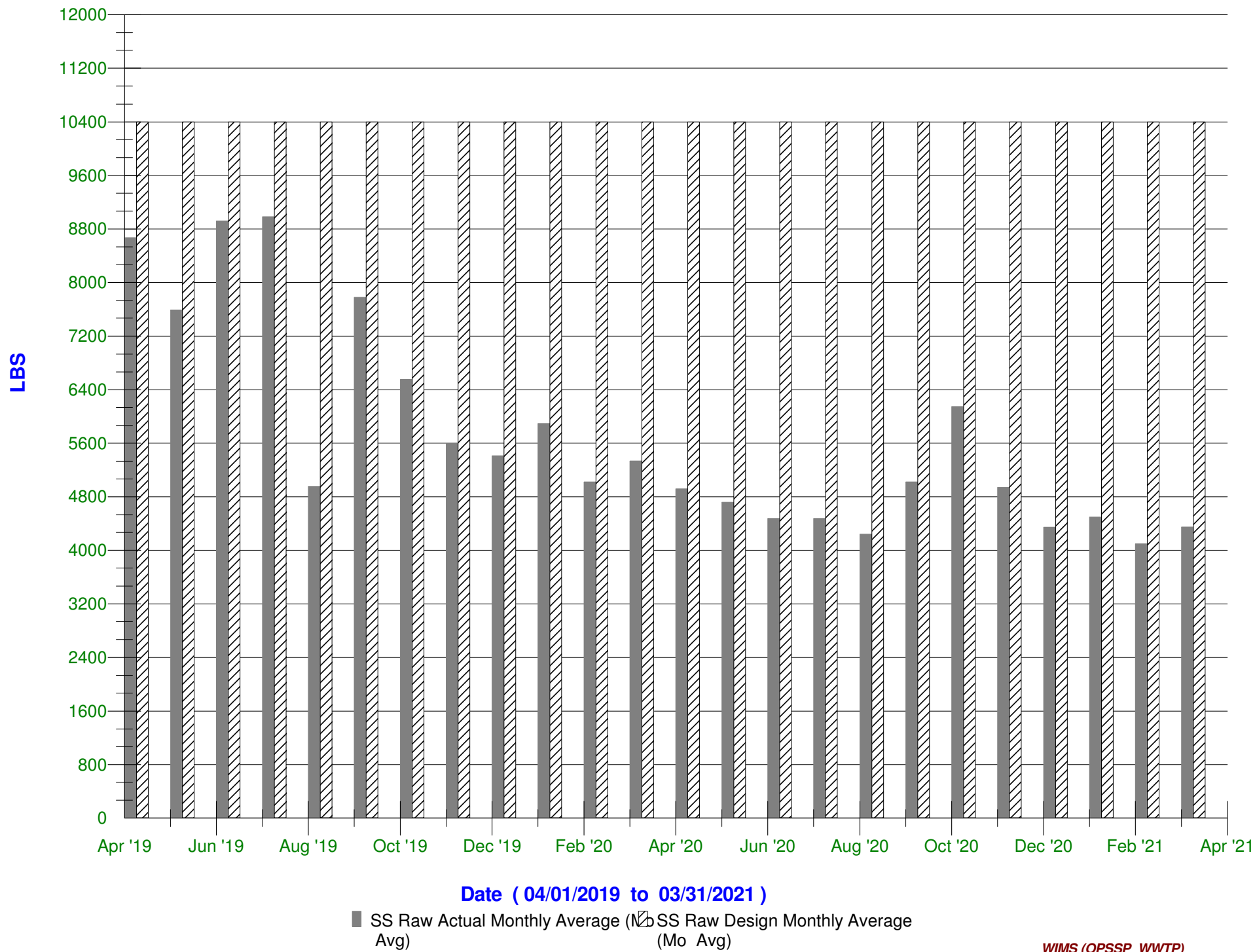
March 2021

		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
03/01/2021	0.00	1.919	1.847	282	4.51	98	4,513	69	268	7.50	97	4,289.20	116						
03/02/2021	0.00	2.015	1.949	287	4.89	98	4,823	79	252	8.47	97	4,234.89	138	6.510	0.450	109	7		18
03/03/2021	0.00	1.953	1.876	302	5.71	98	4,919	89	260	8.89	97	4,234.89	139						
03/04/2021	0.00	1.945	2.136	312	3.73	99	5,061	66	368	7.56	98	5,969.44	135	5.710	0.270	93	5		24
03/05/2021	0.00	1.930	2.523	315	4.03	99	5,070	85	276	6.95	97	4,442.55	146						
03/06/2021	0.00	1.877	2.566	252	2.90	99	3,945	62	212	7.90	96	3,318.69	169	4.390	0.290	69	6		51
03/07/2021	0.00	1.912	2.544	261	3.82	99	4,162	81	220	8.10	96	3,508.14	172						
03/08/2021	0.00	1.998	2.587	346	3.14	99	5,766	68	216	9.00	96	3,599.28	194						
03/09/2021	0.00	1.983	2.559	350	2.67	99	5,788	57	84	10.40	88	1,389.21	222	5.640	0.380	93	8		51
03/10/2021	0.19	2.125	2.515	386	2.92	99	6,841	61	352	7.30	98	6,238.32	153						
03/11/2021	0.47	2.223	2.581	387	3.56	99	7,175	77	240	8.00	97	4,449.56	172	5.390	0.330	100	7		37
03/12/2021	0.00	2.187	2.511	276	3.15	99	5,034	66	320	7.70	98	5,836.67	161						
03/13/2021	0.00	2.103	2.435	289	2.88	99	5,069	58	296	6.20	98	5,191.55	126	5.010	0.280	88	6		32
03/14/2021	0.00	1.970	2.291	302	2.46	99	4,962	47	480	8.40	98	7,886.30	160						
03/15/2021	0.00	2.071	2.413	339	3.34	99	5,855	67	232	7.70	97	4,007.14	155						
03/16/2021	0.07	2.032	2.382	380	2.75	99	6,440	55	308	8.00	97	5,219.64	159	5.750	0.390	97	8		37
03/17/2021	0.00	2.052	2.389	359	3.16	99	6,144	63	208	7.50	96	3,559.65	149						
03/18/2021	0.00	2.110	2.509	430	4.16	99	7,567	87	400	7.00	98	7,038.96	146						
03/19/2021	0.00	2.054	2.300	245	2.80	99	4,197	54	204	6.35	97	3,494.59	122	4.640	0.350	79	7		34
03/20/2021	0.00	1.918	1.965	215	2.35	99	3,439	39	216	4.20	98	3,455.16	69	4.620	0.270	74	4		23
03/21/2021	0.00	1.857	1.921	208	2.80	99	3,221	45	244	4.25	98	3,778.92	68						
03/22/2021	0.00	1.900	1.980	270	5.51	98	4,278	91	264	4.75	98	4,183.34	78						
03/23/2021	0.00	1.896	1.996	267	4.01	98	4,222	67	252	5.50	98	3,984.79	92						
03/24/2021	0.30	2.025	2.167	316	2.98	99	5,337	54	200	7.88	96	3,377.70	142	4.320	0.330	73	6		13
03/25/2021	0.30	1.981	2.107	254	3.17	99	4,196	56	180	8.75	95	2,973.88	154						
03/26/2021	0.00	1.937	2.058	233	2.45	99	3,764	42	196	8.00	96	3,166.30	137	4.140	0.250	67	4		13
03/27/2021	0.00	1.935	2.092	250	2.83	99	4,034	49	208	7.50	96	3,356.68	131	3.920	0.270	63	5		12
03/28/2021	0.42	2.092	2.289	198	3.10	98	3,455	59	344	4.90	99	6,001.86	94						
03/29/2021	0.00	2.157	2.355	227	3.44	98	4,084	68	208	5.11	98	3,741.79	100						
03/30/2021	0.00	2.088	2.315	320	3.15	99	5,572	61	228	4.88	98	3,970.37	94						
03/31/2021	0.00	2.040	2.265	322	3.14	99	5,478	59	288	4.57	98	4,899.92	86						
Total	1.75	62.285	70.423	9,180	106	3,063	154,412	1,981	8,024	219.21	3,004	134,799.35	4,181	60.040	3.860	1,005.753	73.082		343.900
Average	0.06	2.009	2.272	296	3	99	4,981	64	259	7.07	97	4,348.37	135	5.003	0.322	83.750	6.083		28.750
Maximum	0.47	2.22	2.59	430.00	5.71	99.28	7,566.88	90.99	480.00	10.40	98.58	7,886.30	221.96	6.51	0.45	109.40	8.11		51.20
Minimum	0.00	1.86	1.85	198.00	2.35	97.96	3,221.38	38.51	84.00	4.20	87.62	1,389.21	68.09	3.92	0.25	63.26	4.29		11.80

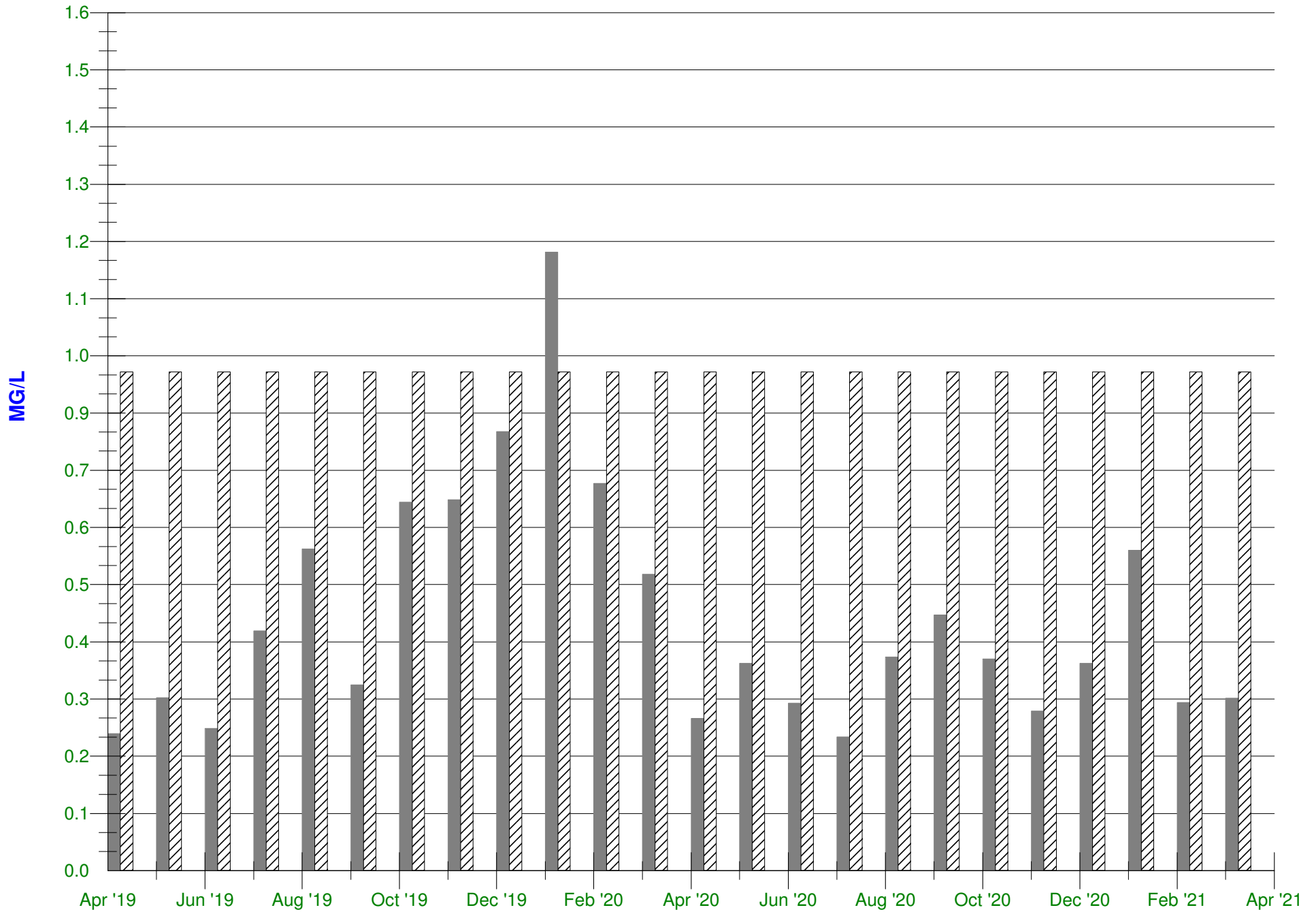
BOD Raw 2 Year History



SS Raw 2 Year History



Phosphorus mg/l 2 Year History



Date (04/01/2019 to 03/31/2021)

■ 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 °F	Min °F	INCHES	Influent MGD	Effluent MGD	Raw Influent		Final Effluent		Raw Influent		Final CBOD Eff.		Reduction	Raw Influent		Final Effluent		Reduction	Power kW	LBS BOD Removed	Production Per Day CUFT
						MG/L	LBS	MG/L	LBS	MG/L	LBS	MG/L	LBS	%	MG/L	LBS	MG/L	LBS	%			
Apr 2020	51	31	2.12	2.481	2.860	3.682	76	0.284	7	235	4,868	2.79	66.47	99	238	4,930	6.93	165.29	97	4,667	4,801	
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	323	5,030	4.70	76.12	98	289	4,496	6.94	112.38	97	6,445	4,954	
Feb 2021	22	1	1.11	1.907	2.045	5.470	87	0.313	5	314	4,986	3.85	65.69	99	258	4,098	6.12	104.35	97	7,171	4,920	
Mar 2021	48	27	1.75	2.009	2.272	5.003	84	0.322	6	296	4,962	3.40	64.48	99	259	4,337	7.07	133.97	97	4,310	4,898	
Minimum	22	1	0.41	1.868	1.942	3.658	75	0.250	5	219	4,345	2.79	58.12	98	200	4,098	4.18	87.67	97	3,060	4,271	
Maximum	83	63	7.57	2.698	3.229	6.839	117	0.598	10	342	5,791	4.70	102.76	99	363	6,137	7.07	165.29	98	7,171	5,718	
Total	654	425	31.96	25.864	29.467	59.930	1,058	4.420	89	3,347	59,396	43.97	891.09	1,184	3,168	56,315	67.33	1,366.25	1,172	61,257	58,505	
Average	55	36	2.66	2.155	2.456	4.994	88	0.369	7	279	4,950	3.67	74.26	99	264	4,693	5.61	113.85	98	5,105	4,875	

SEWER REPORT FOR THE MONTH OF MARCH 2021

2021	
40,641	feet of sanitary sewer flushed
4,908	feet of sanitary sewer cut
-	feet of storm sewer cut
-	feet of storm sewer jetted
25,653	feet of sanitary sewer jetted
1,493	feet of sewer main televised
-	feet of storm main televised

v.s.

2020	
58,351	feet of sanitary sewer flushed
3,049	feet of sanitary sewer cut
-	feet of storm sewer cut
-	feet of storm sewer jetted
249	feet of sanitary sewer jetted
6,147	feet of sewer main televised
-	feet of storm main televised