

City of Stevens Point
Board of Water and Sewerage Commissioners
November 9, 2020 - 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 October 12, 2020 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, December 14, 2020 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
October 12, 2020 - 12:00 PM

Meeting will be held via a Zoom Meeting URL to connect:
<https://us02web.zoom.us/j/82026885705> Dial in number: (301) 7158592
Meeting ID: 820 2688 5705

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

Excused Absence: Mae Nachman

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

MINUTES

Discussion and Possible Action on:

1. Approval of September 14, 2020 minutes

Carl Rasmussen questioned why the attendance for meetings is not showing up on the top like it has in the past. Joel explained that it is probably something with the new software being used for agendas/minutes and that he would look into it.

Motion made by Anna Haines, seconded by Ray Schmidt to approve the minutes of the September 14, 2020 meeting of the Board of Water & Sewerage Commission.

Ayes all. Nays none. Motion carried.

2. Approval of Department Claims

Anna Haines questioned the Wisconsin Public Service checks. Mary Klesmith explained the partial bills for WPS and that she is working with her contact at WPS on getting the monthly invoicing in a timely manner. Carl Rasmussen wanted clarification on a check written to Mobile Small Engine for repairing a jumping jack.

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

Ayes all. Nays none. Motion carried.

3. Water Supply and Distribution Reports - Eric Southworth

Eric stated Well 5 was officially abandoned last week. Our department will be working on the demolishing of that building within the next two months. The same company whom abandoned Well 5 will be coming back to work on Well 7. They will

be repiping the interior of the well in order to get the meter in the building. Next month Eric is hoping to have an update on the Well 4 Project. The Well 4 Project consists of relocating the point and the casing to get better water quality.

4. Sewage Treatment Operations Report - Chris Lefebvre

Chris stated the WWTP met all of its permits for the month of September. The biogas engine has been running a little better than previous months, helping produce 30% of our own electricity and 80% of our own heat with the dryer operating. We did finish up the roofs on the influent building and the UV buildings.

5. Construction and Maintenance Report - Craig Czaikowski

Craig stated the crews are working on finishing up on projects and preparing for winter operations.

A. Collection System Sewer Report

A monthly report was provided in the packet.

B. Stormwater Operations

Nothing discussed.

6. Community Area Network Report - Joel Lemke

Joel stated the school fiber project is near completion. We are looking into extending the infrastructure to Portage County Highway Facility, the Village of Plover, the Riverfront Arts Center and three different Boys & Girls Club locations.

7. Approval to add an additional "Inspection Technician" position - Joel Lemke

Joel explained to the Commission the need for an additional full-time inspector. Prior to 2008 one full-time inspector was responsible for inspecting watermain that was constructed or reconstructed every year. Since that time we have taken over the sewer collection system (160 miles of infrastructure) and the stormwater collection system (60-70 miles of infrastructure) plus the reconstructs were smaller in scope than the reconstruction projects we are doing today. The reconstructs we are doing now are a mile or more, back in 2013 when we first took over both the sewer collection system and stormwater collection system we did 1/4 mile of reconstruction verses the one-mile or more done in recent years.

Motion made by Ray Schmidt, seconded by Carl Rasmussen to approve adding an additional Inspection Technician position.

Ayes all. Nays none. Motion carried.

8. Approval of reallocation of consulting funds - Joel Lemke

Joel explained there are two projects near completion that Donohue & Associates did the engineering for; WWTP Dewatering, Drying & Digestion Project and the Lift Station Upgrades. The engineering efforts have come in under budget for those two projects. Since we are in need of engineering services for the Facility Plan Amendment, we are requesting the previously authorized dollars be reallocated to go

towards the scope for the Facility Plan Amendment. There is also future potential development in the East Park Commerce Center where we would need the Facilities Plan Amended.

Motion made by Anna Haines, seconded by Carl Rasmussen to approve reallocating funds to the scope of services for a Facility Plan Amendment by Donohue & Associates.

Ayes all. Nays none. Motion carried.

9. Update on the 2020 Construction Projects - Joel Lemke

Joel provided updates on the 2020 projects. Graphs were provided on the WWTP Digestion, Dewatering & Drying Improvements Project and the Lift Station Upgrades Project. The graphs displayed what was paid to date, the contract amount and retainage.

10. Directors Report - Joel Lemke

Channel 12 did some coverage on energy conservation. Joel, Chris and the Mayor were interviewed. They went over the solar power on the new Utilities Garage, the heat pump approach using influent water from the WWTP to heat the garage, and the WWTP Digestion, Dewatering and Drying Improvements Project.

11. Adjournment

Motion made by Ray Schmidt to adjourn the meeting.

Ayes all. Nays none. Motion carried.

Meeting adjourned: 12:39PM

REPORT TO THE NOVEMBER, 2020
MEETING OF THE BOARD OF WATER AND SEWERAGE COMMISSIONERS

WATER DEPARTMENT

FINANCES:

Bank balance as of October 1, 2020

\$ 4,434,546.24

Bank deposits recorded in October 2020

\$ 986,783.27

\$ 5,421,329.51

CHECKS ISSUED OCTOBER 2020:

54703	Mae Nachman	Payroll	48.20
54743	City Of Stevens Point	Workers Comp Premiums	1,945.85
54745	Petty Cash	Mileage, postage & printer ink	182.11
54746	State Of WI Environ Improv Fund	Interest payment on CWF Loan	86,071.31
54747	U.S. Postal Service	PO Box 243 Rental	254.00
54749	Verizon Wireless	IPad & Cell Phone Charges	455.15
54750	WI Rural Water Assoc	Membership Renewal	585.00
54751	Community Foundation of Central WI	Green Circle - Joel Lemke	10.00
54752	United Way Of Portage County	United Way	7.00
54753	Aramark	Rug service	24.79
54754	AT&T	Utility Garage - Phone Charges	1,002.94
54759	Stevens Point Area School District	Refund overpayment to Candlewood Prop -516A Bukolt	49.60
54761	City Of Stevens Point	Retirement, fuel and employee deductions	32,463.00
54762	Complete Office of WI	100 Face Masks	51.00
54764	Donna's Cleaning Service	Cleaning Service - Utility Garage/Water Office	290.00
54766	Eagle View	Annual License Renewal	550.00
54767	Fastenal Company	Hex Cap Screws	159.64
54769	Ferguson Waterworks #1476	Inventory materials, parts, couplings, freight, meter registers, meter radio units	14,412.19
54770	First Supply LLC -Plover	Inventory Materials	4,558.52
54771	Franks Hardware Co Inc	Misc. tools & supplies	503.14
54774	Hawkins Inc	Chemicals	2,455.28
54775	Infosend Inc.	Monthly bill printing, postage & mailing	2,175.59
54778	Multimedia Communications & Engineering Inc.	Pass Through Fiber Invoice	2,959.26
54779	Northern Lake Services Inc	Lead & copper analysis	198.00
54780	Mastercard	Late fee	25.00
54782	Spectra Print	Delinquent Notices	1,423.00
54783	Strand Associates Inc	Professional Services - Well 4 Replacement	207.48
54784	Teamsters Union Local 662	Union dues	834.08
54785	Transpariclean	Window cleaning	255.00
54787	USA Blue Book	Lab supplies	386.66
54790	Wi State Laboratory of Hygiene	Fluoride sample	26.00
54791	Worzellas Point Supply	Supplies	35.10
54793	American Asphalt Of WI	Asphalt	72.27
54794	City Of Stevens Point	PILOT Payment	870,000.00
54796	Idexx Laboratories Inc	Lab supplies	18.23
54799	Staples Credit Plan	Office supplies	436.15
54800	Mastercard	WI AWWA Conference Registration, scanner/printer ink, dep tickets, monthly subscription-Adobe, WRWA Clerk Training	2,195.52
54801	Community Foundation of Central WI	Green Circle - Joel Lemke	10.00
54802	United Way Of Portage County	United Way	7.00
54803	Advance Auto Parts	Replacement Wiper Blades	54.84
54804	Jessica Andreae	Refund overpayment Jessica Andreae - 924 Songbird H3	117.26
54805	AnSer	After hours answering service	96.00
54806	Aramark	Rug Service	24.79
54807	Batteries Plus	Batteries	64.08
54808	CDW Government	Replacement Check Scanner	2,178.62
54809	Central States H & W Fund	Health Insurance Premiums	33,275.50
54810	Complete Office of WI	Office supplies	79.81

54811	County Materials Corp	Parts and inventory	3,605.00	
54813	Fastenal Company	Gloves	37.69	
54814	Ferguson Waterworks #1476	Meter Couplings	607.01	
54818	Garrett Karnowski	Refund overpayment Garrett Karnowski - 924 Songbird C12	50.64	
54819	Roger Kieliszewski	Boot allowance	125.00	
54822	Rachel Kubacki	Refund overpayment Rachel Kubacki -924 Songbird B6	209.70	
54823	Martelle Water Treatment	Aquadene-Chemical	6,108.16	
54827	Petty Cash	Postage and office supplies	52.17	
54829	Todd or Deanna Schroeder	Refund overpayment Todd & Deanna Schroeder -4801 Partridge Way	65.44	
54830	Kristopher J Spindler	Uniform Reimbursement	94.92	
54831	Stevens Point Area School District	Refund due to over billing of Fiber Optic Project	292,716.29	
54834	Water Research Foundation	Membership Renewal	6,139.00	
54836	Dan Woitczak	Boot allowance	125.00	
54837	City Of Stevens Point	Worker's Comp Premium	2,595.21	
54838	Complete Office of WI	100 face masks, office supplies	72.55	
54840	Northern Lake Services Inc	Lead & copper samples	34.00	
54841	Springbrook Holding Company LLC	UB Cloud Upgrade Services	25.00	
54842	Verizon Wireless	IPad & Cell Phone Charges	452.42	
54844	Water Well Solutions Wisconsin LLC	Well 5 Abandonment	17,114.00	
	Payroll	October Payroll	51,545.88	
	HRA	HRA Admin Fee	50.00	
	IRS	Payroll Taxes	27,318.50	
	WI Dept of Revenue	Payroll Taxes	5,759.46	\$ 1,478,137.00
	TOTAL EXPENSES LISTED		\$ 1,478,137.00	\$ 3,943,192.51
	BALANCE ON HAND OCTOBER 31, 2020			
		Balance on Hand		\$ 3,943,192.51
		Plus uncleared checks		\$ 366,603.09
		Researching		\$ (1,232.14)
		Less checks previously written clearing this month		\$ (280,767.97)
		Ending Cash Balance matching Bank Statements		\$ 4,027,795.49
		Less Restricted Funds		

REPORT TO THE NOVEMBER, 2020
MEETING OF THE BOARD OF WATER AND SEWERAGE COMMISSIONERS
SEWAGE DEPARTMENT

FINANCES:

Bank Balance as of October 1, 2020

Bank Deposits recorded in October 2020

\$ 6,188,838.95

\$ 688,297.35

\$ 6,877,136.30

CHECKS ISSUED IN OCTOBER 2020:

54743	City Of Stevens Point	Workers Comp Premiums	1,169.29
54744	Donohue & Associates, Inc.	Design & Bidding Services - Lift Station Replacement	1,445.00
54746	State Of WI Environ Improv Fund	Interest payment on CWF Loan	191,230.45
54748	UW Stevens Point	Intern Wages	7,482.38
54749	Verizon Wireless	IPad & Cell Phone Charges	256.90
54753	Aramark	Rug service	156.91
54754	AT&T	Local phone charges	474.07
54755	Batteries Plus	Battery	43.80
54760	Chet's Plumbing	Balance owed replacement - garage heater	500.00
54761	City Of Stevens Point	Retirement, fuel and employee deductions	18,072.14
54764	Donna's Cleaning Service	Cleaning Service - Utility Garage	25.00
54765	Donohue & Associates, Inc.	Engineering Services - Digestion, Dewatering & Drying Projects	6,718.14
54766	Eagle View	Annual License Renewal	550.00
54767	Fastenal Company	Hex Cap Screws	9.98
54768	Michael Federwitz	Uniform Reimbursement	68.56
54771	Franks Hardware Co Inc	Supplies	221.92
54772	Green Thumb Sprinkling & Landscaping LLC	Landscaping for Lift Station Replacement Project	1,258.80
54773	Harter's Fox Valley Disposal	Dumpster Service	341.50
54774	Hawkins Inc	Chemicals	519.75
54776	Metal Crafters Inc	Form to panels per print	84.70
54777	Miron Construction Co Inc	Digestion, Dewatering & Drying Project	27,170.68
54781	PuroClean	Clean up costs due to lateral damage	4,780.52
54784	Teamsters Union Local 662	Union dues	457.57
54785	Transpariclean	Window cleaning	55.00
54786	Unison Solutions Inc	Foam pad & carbon media	11,638.00
54788	Werner Electric Supply	Light bulbs, fuses	608.62
54789	WI Central	Sanitary Pipeline Rental	300.00
54792	AFLAC	Insurance Premiums	26.50
54795	Environmental Consulting and Testing, Inc.	WET Testing	650.00
54797	LabStrong Corp	Distilled Water Still	6,896.88
54798	Rogan's Shoes	Boot allowance-Adam	125.00
54800	Mastercard	Refund duplicate payment software maint	-652.09
54806	Aramark	Rug Service	148.19
54808	CDW Government	Sewer Switch	11,649.23
54809	Central States H & W Fund	Health Insurance Premiums	15,513.50
54811	County Materials Corp	Parts and inventory	1,953.75
54815	Grainger	Strut channel, bolts, nuts, clamps, dump pump & dry wipes	865.80
54816	Hach Company	Lab supplies	579.43
54817	Hawkins Inc	Azone-Chemical	442.14
54821	Kraft Power	Landfill gas oil, braided hose, relay, socket, return voltage regulator	92.76
54824	MC Tools and Repair LLC	Seal kit for root cutter	289.10
54825	Miron Construction Co Inc	Digestion, Dewatering & Drying Project -Pay App 25	199,720.00
54826	NCL of Wisconsin Inc	Lab supplies	676.50
54832	Frank Suchon	Uniform Reimbursement	52.74
54835	Werner Electric Supply	Light bulbs	461.40
54837	City Of Stevens Point	Worker's Comp Premium	1,659.24
54838	Complete Office of WI	50 face masks	25.50
54841	Springbrook Holding Company LLC	UB Cloud Upgrade Services	25.00

54842	Verizon Wireless	IPad & Cell Phone Charges	262.74	
54843	Water Department	Qtrly Water Charges	739.44	
54845	Werner Electric Supply	Fuses	120.30	
	UPS	Shipping Fees	43.20	
	Water Dept	Percent of billing	34,558.87	
	HRA	Admin Fees	20.00	
	Sewer Payroll	September Payroll	28,151.56	
	WI Dept of Revenue	Garnishment of wages	7.83	
	IRS	Payroll Taxes	15,479.44	
	WI Dept of Revenue	Payroll Taxes	3,118.26	
	TOTAL OF EXPENSES LISTED		<u>\$ 599,341.89</u>	\$ 599,341.89
	BALANCE ON HAND OCTOBER 31, 2020			\$ 6,277,794.41
		Balance on Hand		<u>\$ 6,277,794.41</u>
		Plus uncleared checks		\$ 235,734.33
		Less checks previously written clearing this month		
	Ending Cash Balance matching Bank Statements			<u><u>\$ 6,513,528.74</u></u>

Less Restricted Balance

TOTAL \$ 6,513,528.74

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

REPORT TO THE OCTOBER 2020
MEETING OF THE BOARD OF WATER AND SEWERAGE COMMISSIONERS

STORM WATER DEPARTMENT

FINANCES:

Bank balance as of October 1, 2020

\$ 1,109,396.23

Bank deposits recorded in October 2020

\$ 234,081.26

\$ 1,343,477.49

CHECKS ISSUED OCTOBER 2020:

54743	City Of Stevens Point	Workers Comp Premiums	847.21	
54749	Verizon Wireless	IPad & Cell Phone Charges	244.76	
54757	Brown & Caldwell	Engineering fees for Northside Storm Sewer	2,206.77	
54761	City Of Stevens Point	Retirement, fuel and employee deductions	11,030.52	
54764	Donna's Cleaning Service	Cleaning Service - Utility Garage	25.00	
54766	Eagle View	Annual License Renewal	550.00	
54771	Franks Hardware Co Inc	Supplies, misc. tools	33.19	
54784	Teamsters Union Local 662	Union dues	146.35	
54793	American Asphalt Of WI	Asphalt	180.67	
54809	Central States H & W Fund	Health Insurance Premiums	9,358.00	
54811	County Materials Corp	Parts and inventory	465.00	
54820	Shane Kohnen	Uniform reimbursement	131.84	
54828	Petty Cash - Storm	5 year employee anniversary	15.00	
54833	Transmotion LLC	Storm Tractor Parts	71.38	
54837	City Of Stevens Point	Worker's Comp Premium	1,867.79	
54838	Complete Office of WI	50 face masks	25.50	
54841	Springbrook Holding Company LLC	UB Cloud Upgrade Services	25.00	
54842	Verizon Wireless	IPad & Cell Phone Charges	243.53	
	Water Dept	Percent of billing	19,281.14	
		Fiber Checks Issued	70,546.64	
		September Payroll	12,823.54	
	IRS	Payroll Taxes	6,916.82	
	WI Dept of Revenue	Payroll Taxes	1,365.52	
	TOTAL OF EXPENSES LISTED		<u>\$ 138,401.17</u>	<u>\$ 138,401.17</u>
	BALANCE ON HAND OCTOBER 31, 2020			<u>\$ 1,205,076.32</u>

Balance on Hand	<u>\$ 1,205,076.32</u>
Plus checks written after the end of this month	
Plus uncleared checks	\$ 73,506.89
Less checks previously written clearing this month	
Ending Cash Balance matching Bank Statements	<u><u>\$ 1,278,583.21</u></u>

STEVENS POINT, WISCONSIN WATERWORKS REPORT

FOR SEPTEMBER 2020

CURRENT YEAR VS. PREVIOUS YEAR

	2019	2020	INCREASE	DECREASE	RECORD HIGH	DATE	
Total pumpage, gallons	169,779,000	174,925,000	5,146,000		279,073,000	Sep-03	
Daily pumping average, in gallons	5,659,000	5,831,000	172,000				
Peak pumpage, gallons, (date)	6,711,000 (18TH)	7,723,000 (4TH)	1,012,000		12,325,000	9/11/2003	
Low pumpage, gallons, (date)	4,228,000 (29TH)	4,743,000 (12TH)	515,000		1,585,000 3,184,000	09/06/70 9/24/1996	◀Record low since 1995 when the utility started providing water to Stora Enso.
Power bill	\$15,520.06	\$15,768.96	\$248.90		\$23,787.78	Sep-13	
K.W.H's used	206,822	212,091	5,269				
Gallons pumped per K.W.H.	821	825	4				

**STEVENS POINT, WISCONSIN
WATERWORKS REPORT**

FOR OCTOBER 2020

CURRENT YEAR VS. PREVIOUS YEAR

	2019	2020	INCREASE	DECREASE	RECORD HIGH	DATE	
Total pumpage, gallons	143,805,000	170,759,000	26,954,000		227,590,000	Oct-00	
Daily pumping average, in gallons	4,639,000	5,508,000	869,000				
Peak pumpage, gallons, (date)	5,211,000 (20TH)	6,974,000 (29TH)	1,763,000		10,032,000	10/24/1999	
Low pumpage, gallons, (date)	3,927,000 (25TH)	4,556,000 (4TH)	629,000		1,585,000 3,176,000	10/14/71 10/17/1998	◀Record low since 1995 when the utility started providing water to Stora Enso.
Power bill	\$14,935.86	\$13,554.33		\$1,381.53	\$17,716.96	Oct-13	
K.W.H's used	180,643	186,925	6,282				
Gallons pumped per K.W.H.	796	914	118				

STEVENS POINT WATER DEPARTMENT CONSUMPTION HISTORY

(Pumpage x 1,000)

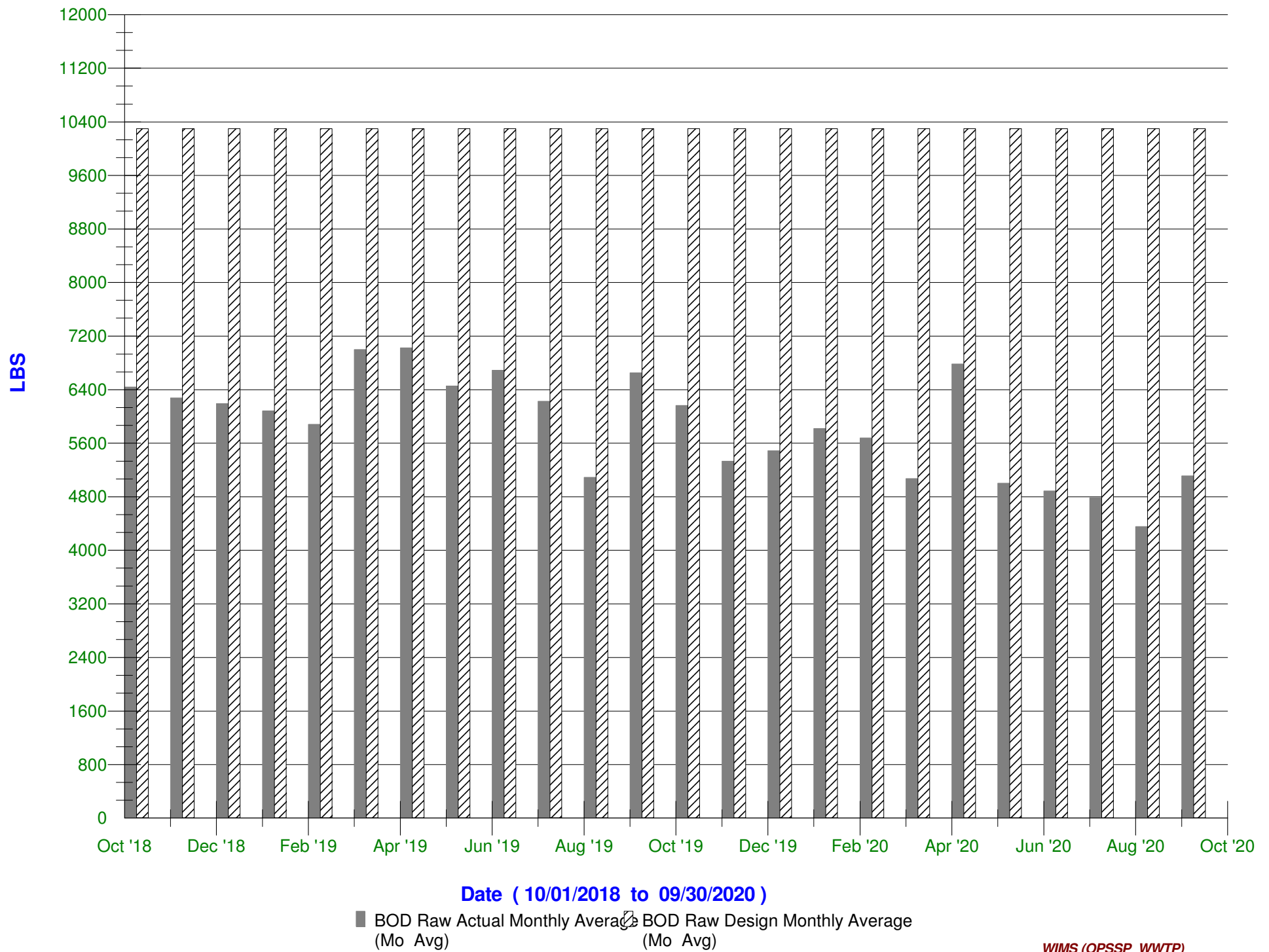
MONTH	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011
JANUARY	150,622	142,263	147,206	140,438	131,056	135,295	140,095	130,487	145,393	150,360
FEBRUARY	131,127	135,573	132,869	123,311	124,330	132,142	134,021	131,003	146,311	139,446
MARCH	138,327	154,358	148,770	139,881	131,189	146,717	147,561	141,337	149,346	152,765
APRIL	127,470	135,713	133,238	142,367	135,484	145,731	154,752	145,137	152,172	148,872
MAY	149,292	154,346	168,410	141,687	175,174	173,606	151,986	167,083	194,439	167,541
JUNE	181,763	181,220	187,095	175,722	187,693	167,417	182,687	172,509	225,295	214,054
JULY	199,876	199,645	240,487	202,817	185,672	187,544	215,463	220,813	276,846	231,575
AUGUST	231,447	210,777	225,280	179,208	167,623	208,123	188,933	230,157	256,548	224,237
SEPTEMBER	174,925	169,779	181,556	157,626	151,238	175,833	160,492	201,901	196,788	193,219
OCTOBER	170,759	143,805	148,186	151,878	143,498	165,156	145,722	159,802	162,949	160,356

Final Effluent Discharge Data

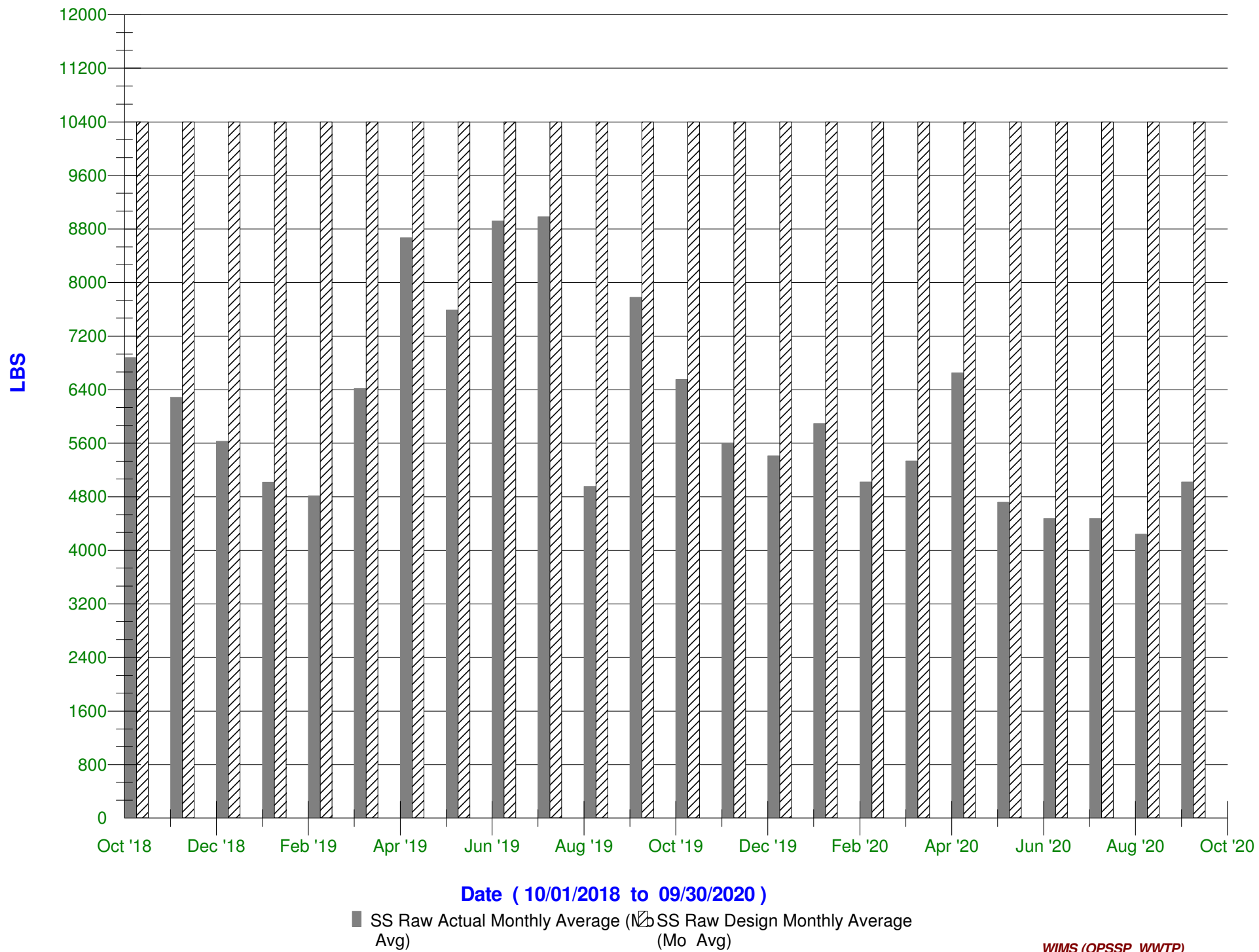
October 2020

		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 #/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		
10/01/2020	0.25	2.092	2.190	575	4.70	99	10,032	86	764	5.00	99	13,329.72	91	12.550	0.340	219	6		17
10/02/2020	0.05	2.018	2.121	245	3.86	98	4,123	68	392	3.60	99	6,597.41	64						
10/03/2020	0.00	1.922	2.026	328	2.94	99	5,258	50	312	3.70	99	5,001.20	63						
10/04/2020	0.02	1.937	2.031	388	3.37	99	6,268	57	336	4.08	99	5,427.94	69	5.290	0.370	85	6		16
10/05/2020	0.00	2.089	2.196	333	4.21	99	5,802	77	276	4.50	98	4,808.54	82						
10/06/2020	0.00	2.067	2.240	347	4.69	99	5,982	88	476	4.13	99	8,205.66	77	5.520	0.330	95	6		17
10/07/2020	0.11	2.065	2.396	421	4.32	99	7,251	86	432	4.75	99	7,439.95	95						
10/08/2020	0.00	2.108	2.536	407	5.17	99	7,155	109	356	4.00	99	6,258.74	85	7.190	0.450	126	10		30
10/09/2020	0.00	2.082	2.504	349	4.80	99	6,060	100	348	4.50	99	6,042.63	94	6.610	0.460	115	10		38
10/10/2020	0.00	1.948	2.377	289	3.76	99	4,695	75	316	4.00	99	5,133.84	79						
10/11/2020	0.00	1.927	2.356	255	3.68	99	4,098	72	284	5.25	98	4,564.22	103						
10/12/2020	0.00	2.132	2.585	347	4.00	99	6,170	86	300	4.84	98	5,334.26	104						
10/13/2020	0.62	2.081	2.503	521	4.17	99	9,042	87	408	3.80	99	7,081.06	79						
10/14/2020	0.00	2.045	2.465	358	3.68	99	6,106	76	348	4.70	99	5,935.24	97	5.640	0.380	96	8		37
10/15/2020	0.05	2.033	2.444	336	3.05	99	5,697	62	424	4.00	99	7,189.01	82	6.780	0.400	115	8		25
10/16/2020	0.01	2.011	2.412	274	3.43	99	4,595	69	340	4.80	99	5,702.39	97	5.980	0.340	100	7		22
10/17/2020	0.13	1.895	2.303	251	3.05	99	3,967	59	240	4.69	98	3,793.03	90	5.960	0.400	94	8		32
10/18/2020	0.10	1.870	2.265	296	3.23	99	4,616	61	508	4.40	99	7,922.67	83						
10/19/2020	0.00	2.021	2.414	326	2.96	99	5,495	60	308	4.80	98	5,191.38	97						
10/20/2020	0.00	1.996	2.400	383	3.61	99	6,376	72	292	6.40	98	4,860.82	128						
10/21/2020	0.28	2.014	2.422	462	3.44	99	7,760	69	372	4.20	99	6,248.39	85						
10/22/2020	0.00	2.178	2.609	362	3.31	99	6,576	72	376	4.80	99	6,829.86	104						
10/23/2020	0.86	2.135	2.556	233	3.16	99	4,149	67	304	4.50	99	5,412.99	96						
10/24/2020	0.01	1.966	2.382								100								
10/25/2020	0.00	1.970	2.366								100								
10/26/2020	0.12	2.170	2.535								100								
10/27/2020	0.00	2.107	2.535								100								
10/28/2020	0.00	2.087	2.367								100								
10/29/2020	0.00	2.045	2.202								100								
10/30/2020											100								
10/31/2020											100								
Total	2.61	59.011	68.738	8,086	87	2,274	137,272	1,709	8,512	103.44	3,070	144,310.96	2,044	61.520	3.470	1,046.397	68.254		234.000
Average	0.09	2.035	2.370	352	4	99	5,968	74	370	4.50	99	6,274.39	89	6.836	0.386	116.111	7.667		26.000
Maximum	0.86	2.18	2.61	575.00	5.17	99.26	10,032.19	109.35	764.00	6.40	100.00	13,329.72	128.10	12.55	0.46	218.96	9.61		38.00
Minimum	0.00	1.87	2.03	233.00	2.94	98.42	3,966.88	49.68	240.00	3.60	97.81	3,793.03	62.52	5.29	0.33	85.46	6.16		16.00

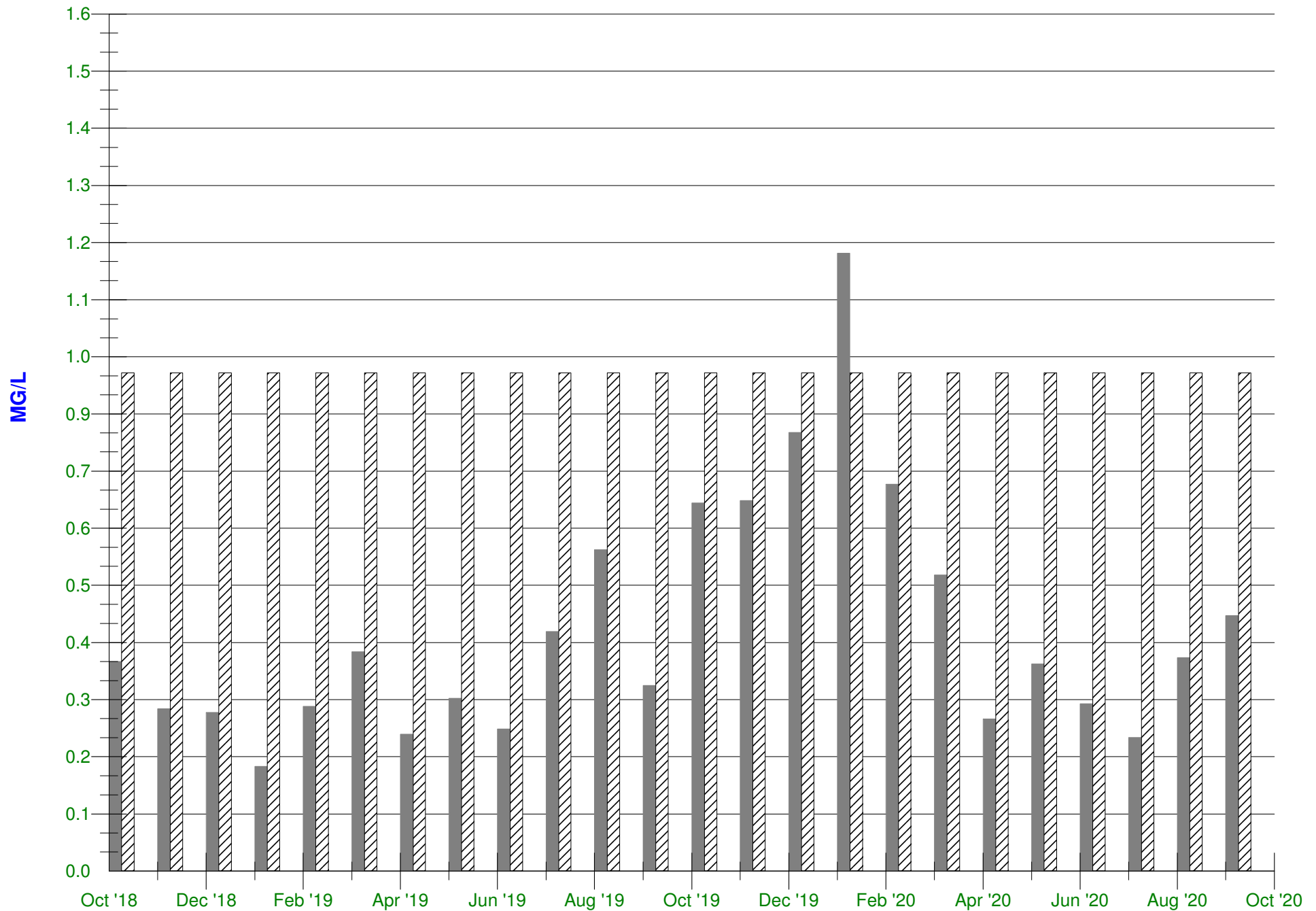
BOD Raw 2 Year History



SS Raw 2 Year History



Phosphorus mg/l 2 Year History



Date (10/01/2018 to 09/30/2020)

■ 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	%			
Nov 2019	35	23	1.90	2.294	2.557	7.451	145	0.692	15	277	5,300	5.41	115.31	98	292	5,589	6.77	144.29	98	181	5,185	33,133
Dec 2019	40	17	2.91	2.245	2.639	7.327	137	0.819	18	292	5,463	5.87	129.10	98	289	5,416	7.02	154.44	97		5,334	0
Jan 2020	29	15	1.20	2.323	2.858	6.581	127	1.153	28	301	5,836	3.30	78.62	99	306	5,920	5.43	129.44	98	5,342	5,757	
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	52	34	2.61	2.035	2.370	6.836	116	0.386	8	352	5,966	3.76	74.42	99	370	6,281	4.50	88.90	99	4,214	5,892	
Minimum	29	8	1.05	2.035	2.370	3.658	75	0.250	6	219	4,345	2.79	71.16	98	200	4,232	4.18	88.90	96	181	4,271	0
Maximum	83	63	7.57	3.425	3.801	7.451	145	1.153	28	352	6,720	5.87	129.10	99	370	6,806	9.10	227.07	99	6,950	6,632	33,133
Total	653	425	35.43	28.743	33.471	65.674	1,242	6.432	143	3,268	64,376	47.37	1,085.03	1,182	3,221	63,489	73.59	1,718.49	1,170	53,635	63,291	33,133
Average	55	36	2.95	2.395	2.789	5.473	103	0.536	12	272	5,365	3.95	90.42	99	268	5,291	6.13	143.21	98	4,876	5,274	16,567

SEWER REPORT FOR THE MONTH OF OCTOBER 2020

2020	
51,756	feet of sanitary sewer flushed
13,079	feet of sanitary sewer cut
-	feet of storm sewer cut
800'	feet of storm sewer jetted
6,498	feet of sanitary sewer jetted
1,323	feet of sewer main televised
-	feet of storm main televised

v.s.

2019	
38,973	feet of sanitary sewer flushed
9,098	feet of sanitary sewer cut
-	feet of storm sewer cut
-	feet of storm sewer jetted
11,017	feet of sanitary sewer jetted
1,720	feet of sewer main televised
-	feet of storm main televised

	2020	v.s.	2019
Number of service calls:	1		2

List department and how many catch basins/drains vacuumed within city departments:

Department	# hours worked/Vac Manholes-Catch basins
Vac Sentry Fuel Cell	1.5
Airport - Vac Fuel Cell	1.5

Other items to report: _____

Month of Meeting	Name	Attendance
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June	Paul Adamski	Present
	Carl Rasmussen	Present
	Anna Haines	Present
	Ray Schmidt	Present
	Mae Nachman	Present

July	Paul Adamski	Present
	Carl Rasmussen	Present
	Anna Haines	Present
	Ray Schmidt	Present
	Mae Nachman	Present

August	Paul Adamski	Present
	Carl Rasmussen	Present
	Anna Haines	Present
	Ray Schmidt	Present
	Mae Nachman	Excused

September	Paul Adamski	Present
	Carl Rasmussen	Present
	Anna Haines	Present
	Ray Schmidt	Present
	Mae Nachman	Excused

October	Paul Adamski	Present
	Carl Rasmussen	Present
	Anna Haines	Present
	Ray Schmidt	Present
	Mae Nachman	Excused