



AGENDA
UTILITY COMMISSION MEETING
Waupun Utilities – 817 S Madison St, Waupun WI P.O Box 431
Monday, April 08, 2019 at 4:00 PM

There is a regular commission meeting scheduled for Monday, April 08, 2019, at 4:00 PM at the Waupun Utilities Administrative Building located on 817 S. Madison Street, Waupun, Wisconsin.

CALL TO ORDER

ROLL CALL OF COMMISSIONERS

APPROVAL OF PREVIOUS MEETING MINUTES

1. March 11, 2019 Minutes

APPROVAL OF PAYMENT - PREVIOUS MONTHS BILLS

2. March Accounts Payable

GM REPORT / OPERATIONS REPORT

3. GM Report
4. Water and Wastewater Report
5. Electric Operations Report

FINANCIAL REPORT / APPROVAL OF MONTHLY FINANCIAL RESULTS

6. Finance Director Report
7. March Financial Report

APPEARANCE BY VISITORS

AGENDA

8. 2018 Investment Portfolio Review by Ken Herdeman from Ehlers Investment Partners
9. Review 2018 Annual Water Quality Report
10. Discuss Online Agenda Meeting Packets
11. Discuss Employee Performance Evaluation for Manager Position
**The Commission may convene in closed session as authorized by Wisconsin Statute 19.85(1)(c) for the purpose of considering employment, promotion, compensation or performance evaluation data of any public employee over which the governmental body has jurisdiction or exercises responsibility. The Commission may reconvene in open session and discuss and take action on the subject matter discussed in closed session.*

ADJOURNMENT

Upon reasonable notice, efforts will be made to accommodate disabled individuals through appropriate aids and services. For additional information, contact the General Manager at 920-324-7920.

**Minutes of a Regular Meeting of the
Waupun Utilities Commission
Monday, March 11, 2019**

The meeting was called to order by President Heeringa at 4:00 p.m.

Commissioners Gerritson, Heeringa, Homan, Kaczmariski, Mielke, Thurmer, and Westphal were present.

Motion made by Thurmer, seconded by Homan and unanimously carried, to approve the minutes from the January 14, 2019, regular meeting.

On motion by Kaczmariski, seconded by Thurmer and unanimously carried, bills for the month of January 2019 and February 2019 were approved as presented.

General Manager Posthuma and Commissioner Thurmer reported on the APPA Legislative Rally they attended in Washington DC. There is value in presenting important issues to Representatives and Senators and making needs known for when bills are presented for action.

There will be an enhancement to the online self-service tool, MyAccount, for utility customers. The spring customer newsletter includes information on Madison Street reconstruction, which will begin in April. The utilities will again provide the Tree Power rebate, which provides incentives for trees planted in a south or west location. The incentive could assist customers in replacing trees lost in the high wind event in August 2018.

Water & Sewer Maint/Treatment Supervisor reported on three RAS pumps installed as part of budgeted replacements. Sanitary crew continues televising sanitary laterals on Madison Street, checking lateral condition and location, along with verifying water lateral type prior to summer reconstruction.

Finance Director Oosterhouse presented 2018 financial highlights. Electric sales were 2.9% higher on residential and small power classes. Water sales increased by 0.5% from 2017 on residential and multi-family sales. Sewer sales increased 5.6% from the public authority class. Total unrestricted cash and investments increased \$400,000 and long-term debt decreased by \$1,238,000.

On motion by Gerritson, seconded by Westphal, the year-to-date financial reports through February 2019 were approved as presented. Electric operating income was \$51,000 or \$70,800 below budget on lower margins and higher distribution expense. Water operating income was \$131,700 or \$28,000 above budget on lower distribution maintenance expenses. Sewer operating income was \$63,900 or \$23,000 above budget on lower maintenance expenses.

Applied Technologies staff presented review and information on the Advanced Biological Nutrient Recovery (ABNR) process proposed for the wastewater treatment plant to reduce effluent phosphorus levels to meet future mandated DNR standards. Motion made by Westphal, seconded by Thurmer to authorize management to enter into an engineering agreement, not to exceed \$1,794,000, between Waupun Utilities and Applied Technologies to design engineer Wastewater Treatment Plant upgrades for mandated phosphorus limits. Motion carried unanimously.

Results of the Madison Street water and sanitary sewer reconstruction bid results were reviewed. Motion made by Gerritson, seconded by Homan and unanimously carried, to recommend the City Council award the 2019 Madison Street reconstruction bid to lowest bidder Ptaschinski Construction.

The 2019 Budget authorized financing for the Madison Street reconstruction project. Based on bid results, \$700,000 is needed to finance the project. Motion made by Thurmer, seconded by Kaczmariski and unanimously carried, to approve and recommend to City Council Resolution Supplementing Resolution No 1-26-93-1; authorizing the issuance and sale of \$700,000 Water and Electric System Revenue Bonds, Series 2019; and providing for the payment of bonds and other details and covenants with respect thereto.

General Manager presented the progress on the administrative wage compensation policy adopted in May 2018. Supervisors will complete employee evaluations by April 15. Commissioners were provided a form to evaluate the General Manager's performance, which will be discussed at the April 8, 2019, meeting.

On motion by Westphal, seconded by Thurmer and unanimously carried, the meeting was adjourned at 5:45p.m.

Next commission meeting is scheduled on April 8, 2019, at 4:00 p.m.

Nancy Oosterhouse
Mapping/Admin Coordinator

Vendor Number	Invoice Number	Description	Invoice Date	Invoice Amount	Check Amount	Check Number	Check Issue Date
ADVANCED DISPOSAL							
720	E10001324114	SANITARY CHRGS/MAIN OFFC BLDG	02/28/2019	144.47	144.47	44547	03/13/2019
	E10001324114	SANITARY CHRGS/MAIN OFFC BLDG	02/28/2019	90.30	90.30	44547	03/13/2019
	E10001324114	SANITARY CHRGS/MAIN OFFC BLDG	02/28/2019	128.41	126.41	44547	03/13/2019
	E10001324688	rev SANITARY CHRGS FOR WWTP	02/28/2019	1,637.94	1,837.94	44547	03/13/2019
Total ADVANCED DISPOSAL:				1,999.12	1,999.12		
AIRGAS USA INC							
855	9960012529	ACETYLENE/OXYGEN/NITROGEN	02/28/2019	19.92	19.92	44548	03/13/2019
	9960012529	ACETYLENE/OXYGEN/NITROGEN	02/28/2019	19.92	19.92	44548	03/13/2019
	9960012529	ACETYLENE/OXYGEN/NITROGEN	02/28/2019	19.92	19.92	44548	03/13/2019
Total AIRGAS USA INC:				59.76	59.76		
ALLIANT ENERGY							
900	183035/MAR 4, 201	Gas Utility for Water Plant	03/04/2019	779.12	779.12	44549	03/13/2019
	4370/FEB 28, 2019	GAS UTIL BILL FOR SWG PLNT	02/28/2019	1,533.38	1,533.38	44549	03/13/2019
	590516/FEB 28, 20	Split Distribution - Main Bldg	02/28/2019	54.77	54.77	44549	03/13/2019
	590516/FEB 28, 20	Split Distribution - Main Bldg	02/28/2019	43.82	43.82	44549	03/13/2019
	590516/FEB 28, 20	Split Distribution - Main Bldg	02/28/2019	43.82	43.82	44549	03/13/2019
	590516/FEB 28, 20	Split Distribution - Main Bldg	02/28/2019	295.76	295.76	44549	03/13/2019
	590516/FEB 28, 20	Split Distribution - Main Bldg	02/28/2019	295.76	295.76	44549	03/13/2019
	590516/FEB 28, 20	Split Distribution - Main Bldg	02/28/2019	295.76	295.76	44549	03/13/2019
	590516/FEB 28, 20	Split Distribution - Main Bldg	02/28/2019	21.91	21.91	44549	03/13/2019
	590516/FEB 28, 20	Split Distribution - Main Bldg	02/28/2019	21.91	21.91	44549	03/13/2019
	590518/FEB 28, 20	Split Distribution - Main Bldg	02/28/2019	21.88	21.88	44549	03/13/2019
Total ALLIANT ENERGY:				3,407.89	3,407.89		
CHARTER COMMUNICATIONS							
5830	0066685022519/68	Main Bldg Spectrum Voice (2nd Line)	02/25/2019	87.09	87.09	44550	03/13/2019
	0066685022519/68	Main Bldg Spectrum Voice (2nd Line)	02/25/2019	69.23	69.23	44550	03/13/2019
	0066685022519/86	Main Bldg Spectrum Voice (2nd Line)	02/25/2019	66.99	68.99	44550	03/13/2019
Total CHARTER COMMUNICATIONS:				223.31	223.31		
CRANE ENGINEERING SALES INC							
6450	358426-00	Install Cost of 14 RAS Pumps & Valves	02/28/2019	17,357.82	17,357.82	44551	03/13/2019
	358426-00	Install Cost of 1 RAS Pumps & Valves	02/28/2019	1,239.88	1,239.88	44551	03/13/2019
Total CRANE ENGINEERING SALES INC:				18,597.50	18,597.50		
DIGGERS HOTLINE INC.							
7300	190131801-1/1 -1/	Mthly Locate Chrgs - Jan first invoice	01/09/2019	19.14	19.14	44552	03/13/2019
	190131801-1/10-1/3	Mthly Locate Chrgs - Jan Second Inv	01/31/2019	24.86	24.86	44552	03/13/2019
Total DIGGERS HOTLINE INC.:				44.00	44.00		
ELSTER SOLUTIONS LLC							
8225	9000087900	Equip Maintenance for 2 Handhelds	01/01/2019	698.10	698.10	44553	03/13/2019
	9000087900	Equip Maintenance for 2 Handhelds	01/01/2019	554.90	554.90	44553	03/13/2019
	9000087900	Equip Maintenance for 2 Handhelds	01/01/2019	537.00	537.00	44553	03/13/2019
Total ELSTER SOLUTIONS LLC:				1,790.00	1,790.00		

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EWALD CHEVROLET TRUCK LLC							
8959	31596	2019 Chev Silverado - Unit#11 #1164131	02/27/2019	27,038.50	27,038.50	44554	03/13/2019
	31597	2019 Chev Silverado - Unit#17	03/06/2019	13,481.00	13,481.00	44554	03/13/2019
	31597	2019 Chev Silverado - Unit#17	03/06/2019	13,481.00	13,481.00	44554	03/13/2019
	31597/REGIST&TIT	Title & Registration VIN# 2GCVKNEC9K1162216	03/06/2019	37.25	37.25	44554	03/13/2019
	31597/REGIST&TIT	Title & Registration VIN# 2GCVKNEC9K1162216	03/08/2019	37.25	37.25	44554	03/13/2019
Total EWALD CHEVROLET TRUCK LLC:				54,073.00	54,073.00		
FARM & HOME SUPPLY							
9200	475905/FEB 19	MS661 Stihl Chain Saw	02/28/2019	1,075.00	1,075.00	44555	03/13/2019
	475905/FEB 19	MISCELLANEOUS ITEMS	02/28/2019	8.99	8.99	44555	03/13/2019
	475905/FEB 19	MISCELLANEOUS ITEMS	02/28/2019	132.04	132.04	44555	03/13/2019
	475905/FEB 19	MISCELLANEOUS ITEMS	02/28/2019	86.91	86.91	44555	03/13/2019
	475905/FEB 19	UPS Postage Chrg	02/28/2019	19.99	19.99	44555	03/13/2019
	475905/FEB 19	MISCELLANEOUS ITEMS	02/28/2019	1.12	1.12	44555	03/13/2019
	475905/FEB 19	MISCELLANEOUS ITEMS	02/28/2019	.70	.70	44555	03/13/2019
	475905/FEB 19	MISCELLANEOUS ITEMS	02/28/2019	.97	.97	44555	03/13/2019
	475905/FEB 19	MISCELLANEOUS ITEMS	02/28/2019	29.26	29.26	44555	03/13/2019
	475905/FEB 19	MISCELLANEOUS ITEMS	02/28/2019	48.90	48.90	44555	03/13/2019
	475905/FEB 19	MISCELLANEOUS ITEMS	02/28/2019	23.10	23.10	44555	03/13/2019
Total FARM & HOME SUPPLY:				1,424.98	1,424.98		
GUENTHER SUPPLY INC							
11700	807522	Credit on original inv#166975	12/05/2018	553.84-	553.84-	44556	03/13/2019
	819832	PVC Fittings W WWTP	01/09/2019	250.87	250.87	44556	03/13/2019
	819922	PVC80 TXT & SXS Elbows	01/10/2019	24.48	24.48	44556	03/13/2019
	820690	Elbows, Threaded Hex Bushings, CI304SS Nipples	01/22/2019	98.12	98.12	44556	03/13/2019
	821469	2/ea Slotted Hole Strut	02/04/2019	44.40	44.40	44556	03/13/2019
	823409	PVC Pipes & Fittings @ WWTP	03/05/2019	370.28	370.28	44556	03/13/2019
Total GUENTHER SUPPLY INC:				232.11	232.11		
HYDROCORP INC.							
13985	0051428	CROSS CONNECTION CONTROL PROG	02/28/2019	1,908.00	1,908.00	44557	03/13/2019
Total HYDROCORP INC.:				1,908.00	1,908.00		
INFOSEND INC							
14490	150366	BILL PRINT & POSTAGE	02/28/2019	919.59	919.59	44558	03/13/2019
	150366	BILL PRINT & POSTAGE	02/28/2019	730.96	730.96	44558	03/13/2019
	150366	BILL PRINT & POSTAGE	02/28/2019	707.37	707.37	44558	03/13/2019
	150366	Sept's Bulk Pickup Flyer (was missed)	02/28/2019	301.50	301.50	44558	03/13/2019
	150366	Annual notice of rates 2019 PRINT FEE	02/28/2019	131.09	131.09	44558	03/13/2019
	150366	Annual notice of rates 2019 PRINT FEE	02/28/2019	104.20	104.20	44558	03/13/2019
	150366	Annual notice of rates 2019 PRINT FEE	02/28/2019	100.83	100.83	44558	03/13/2019
Total INFOSEND INC:				2,995.54	2,995.54		
IRBY, STUART C							
14890	S011239479.001	Transformer Markers	02/26/2019	319.00	319.00	44559	03/13/2019
Total IRBY, STUART C:				319.00	319.00		
ITU ABSORB TECH INC.							
14950	7195673	SHOP TOWELS FOR WWTP	03/04/2019	23.45	23.45	44560	03/13/2019

Vendor Number	Invoice Number	Description	Invoice Date	Invoice Amount	Check Amount	Check Number	Check Issue Date
	7195676	SHOP TOWELS MTHLY RENTAL FEE	03/04/2019	12.68	12.68	44560	03/13/2019
	7195676	SHOP TOWELS MTHLY RENTAL FEE	03/04/2019	12.68	12.68	44580	03/13/2019
	7195676	SHOP TOWELS MTHLY RENTAL FEE	03/04/2019	12.69	12.69	44580	03/13/2019
	7195676	INDUSTRIAL SOY CLEANER	03/04/2019	26.40	26.40	44560	03/13/2019
	7195676	INDUSTRIAL SOY CLEANER	03/04/2019	26.40	26.40	44560	03/13/2019
	7195676	INDUSTRIAL SOY CLEANER	03/04/2019	26.40	26.40	44560	03/13/2019
Total ITU ABSORB TECH INC.:				140.70	140.70		
J & H CONTROLS INC							
16000	10000020662	BUILDING MAINTENANCE MTHLY CHR	02/19/2019	160.00	160.00	44561	03/13/2019
	10000020662	BUILDING MAINTENANCE MTHLY CHR	02/19/2019	100.00	100.00	44561	03/13/2019
	10000020662	BUILDING MAINT MTHLY CHR	02/19/2019	140.00	140.00	44561	03/13/2019
	10000020671	Installed Thermostat & Outdoor Sensor - Digester Bldg	03/07/2019	750.00	750.00	44561	03/13/2019
Total J & H CONTROLS INC:				1,150.00	1,150.00		
KRAUSE POWER ENGINEERING LLC							
17725	03022019	System Study	03/02/2019	262.50	262.50	44562	03/13/2019
Total KRAUSE POWER ENGINEERING LLC:				262.50	262.50		
MILTON PROPANE INC							
25000	T386367	PROPANE DELIVERIED	03/08/2019	21.12	21.12	44563	03/13/2019
	T386367	PROPANE DELIVERIED	03/08/2019	21.12	21.12	44563	03/13/2019
	T386367	PROPANE DELVERIED	03/08/2019	21.75	21.75	44563	03/13/2019
Total MILTON PROPANE INC:				63.99	63.99		
NORTHERN TOOL & EQUIPMENT							
38853	42148290	Salt/Sand Spreader Unit#163 - Trk Mount	03/03/2019	678.72	678.72	44564	03/13/2019
	42148290	Salt/Sand Spreader Unit#163 - Trk Mount	03/03/2019	678.72	678.72	44564	03/13/2019
	42148290	Salt/Sand Spreader Unit#163 - Trk Mount	03/03/2019	678.72	678.72	44564	03/13/2019
Total NORTHERN TOOL & EQUIPMENT:				2,036.16	2,036.16		
O'REILLY AUTO PARTS							
38970	2391-357260	Brake Chamber for Unit#28 NH Backhoe	03/11/2019	58.85	58.85	44565	03/13/2019
Total O'REILLY AUTO PARTS:				58.85	58.85		
OSHKOSH OFFICE SYSTEMS							
39000	AR35527	MTHLY CLICK COUNTS	03/01/2019	37.55	37.55	44566	03/13/2019
	AR35527	MTHLY CLICK COUNTS	03/01/2019	29.84	29.84	44566	03/13/2019
	AR35527	MTHLY CLICK COUNTS	03/01/2019	28.88	28.88	44566	03/13/2019
Total OSHKOSH OFFICE SYSTEMS:				96.27	96.27		
PIGGLY WIGGLY							
41200	11MAR2019	7# of Ice	03/11/2019	14.23	14.23	44567	03/13/2019
	13MAR2019	SUPPLIES FOR KITCHEN,OFFC,ETC	03/13/2019	2.72	2.72	44567	03/13/2019
	13MAR2019	SUPPLIES FOR KITCHEN,OFFC,ETC	03/13/2019	2.16	2.16	44567	03/13/2019
	13MAR2019	SUPPLIES FOR KITCHEN,OFFC,ETC	03/13/2019	2.10	2.10	44567	03/13/2019
	4MAR2019	SAFETY SCHOOL REFRESHMENTS	03/04/2019	14.40	14.40	44567	03/13/2019
Total PIGGLY WIGGLY:				35.61	35.61		

WAUPUN UTILITIES

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Vendor Number	Invoice Number	Description	Invoice Date	Invoice Amount	Check Amount	Check Number	Check Issue Date
REACH WAUPUN							
45400	DUELING PIANO	Donation for Dueling Piano Concert	03/13/2019	250.00	250.00	44568	03/13/2019
Total REACH WAUPUN:				250.00	250.00		
RENS FLORAL LLC							
45775	1293	PLANT FOR FUNERAL	03/01/2019	21.04	21.04	44569	03/13/2019
	1293	PLANT FOR FUNERAL	03/01/2019	16.72	16.72	44569	03/13/2019
	1293	PLANT FOR FUNERAL	03/01/2019	16.19	16.19	44569	03/13/2019
Total RENS FLORAL LLC:				53.95	53.95		
SEERA							
51535	WAUPUN/FEB 19 C	"WAUPUN" FOCUS PROGRAM FEE	02/28/2019	2,670.46	2,670.46	44570	03/13/2019
Total SEERA:				2,670.46	2,670.46		
SPEE-DEE							
52600	3709614	SERVICE CHRG for WATER SAMPLES	02/25/2019	39.96	39.96	44571	03/13/2019
Total SPEE-DEE:				39.96	39.96		
TELEDYNE INSTRUMENTS INC.							
55900	S020313431	Sampler Tubing	03/12/2019	532.00	532.00	44572	03/13/2019
Total TELEDYNE INSTRUMENTS INC.:				532.00	532.00		
THURMER, MIKE							
56900	2019 APPA LEG RA	Appy Rally per diem pay frm: 2/25 - 2/27	03/01/2019	240.00	240.00	44573	03/13/2019
Total THURMER, MIKE:				240.00	240.00		
VAN BUREN, JEROME and/or SANDRA							
60800	SOLAR CREDIT/M	SOLAR CREDIT	03/08/2019	130.30	130.30	44574	03/13/2019
Total VAN BUREN, JEROME and/or SANDRA:				130.30	130.30		
VANDERKIN PLUMBING INC.							
61225	19170	Cleaned Bldg Sewer @ 303 E Jefferson	02/25/2019	277.50	277.50	44575	03/13/2019
Total VANDERKIN PLUMBING INC.:				277.50	277.50		
VERIZON WIRELESS							
62900	9824663201	CELLPHONE MTHLY EXPENSES	02/21/2019	222.05	222.05	44576	03/13/2019
	9824663201	CELPHONE MTHLY EXPENSES	02/21/2019	176.50	176.50	44576	03/13/2019
	9824663201	CELLPHONE MTHLY EXPENSES	02/21/2019	170.80	170.80	44576	03/13/2019
	9824663201	DPWS MTHLY/DATA TABLET CHRGS	02/21/2019	53.10	53.10	44576	03/13/2019
Total VERIZON WIRELESS:				622.45	622.45		
WAUPUN NAPA AUTO PARTS							
73600	237696	Chain Saws Cable Lube	02/28/2019	71.88	71.88	44578	03/13/2019
	238153	Screwdriver set for shop	03/05/2019	8.87	8.87	44578	03/13/2019
	238153	Screwdriver set for shop	03/05/2019	8.86	8.86	44578	03/13/2019
	238153	Screwdriver set for shop	03/05/2019	8.87	8.87	44578	03/13/2019

WAUPUN UTILITIES

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Vendor Number	Invoice Number	Description	Invoice Date	Invoice Amount	Check Amount	Check Number	Check Issue Date
Total WAUPUN NAPA AUTO PARTS:				98.48	98.48		
WAUPUN, CITY OF							
74400	408	2019 Worker's Comp Portion	03/01/2019	2,578.85	2,578.85	44580	03/13/2019
	408	2019 Worker's Comp Portion	03/01/2019	2,074.05	2,074.05	44580	03/13/2019
	408	2019 Worker's Comp Portion	03/01/2019	1,634.10	1,634.10	44580	03/13/2019
	505	Gremmer Inv#9 - Madison St Water	03/13/2019	8,177.92	8,177.92	44580	03/13/2019
	505	Gremmer Inv#9 - Madison St Sewer	03/13/2019	8,177.92	8,177.92	44580	03/13/2019
	505	Gremmer Inv#9 - Water Permits	03/13/2019	55.56	55.56	44580	03/13/2019
	505	Gremmer Inv#9 - Sewer Permits	03/13/2019	55.56	55.56	44580	03/13/2019
	PROP TAX MAR 20	Property Tax Pilot - March 2019	03/01/2019	23,700.00	23,700.00	44580	03/13/2019
	PROP TAX MAR 20	Property Tax Pilot - March 2019	03/01/2019	31,100.00	31,100.00	44580	03/13/2019
	STORMWATER FE	Stormwater Receipts	02/28/2019	48,945.86	48,945.86	44580	03/13/2019
	TRASH/RECYC FE	TRASH/RECYCLABLE CHARGES	02/28/2019	38,062.97	38,062.97	44580	03/13/2019
Total WAUPUN, CITY OF:				164,560.79	164,560.79		
WAUPUN EQUIPMENT INC							
74800	70283W	Wiper Motor for Tractor#26	02/14/2019	315.00	315.00	44577	03/13/2019
Total WAUPUN EQUIPMENT INC:				315.00	315.00		
WAUPUN UTILITIES							
76800	REIMB PETTY CAS	OVernight Delivery to Quarles & Brady	03/13/2019	11.90	11.90	44579	03/13/2019
	REIMB PETTY CAS	OVernight Delivery to Quarles & Brady	03/13/2019	9.46	9.46	44579	03/13/2019
	REIMB PETTY CAS	OVernight Delivery to Quarles & Brady	03/13/2019	9.14	9.14	44579	03/13/2019
Total WAUPUN UTILITIES:				30.50	30.50		
WESCO RECEIVABLES CORP							
79000	525869	24/ea Duct Plugs	02/27/2019	53.04	53.04	44581	03/13/2019
Total WESCO RECEIVABLES CORP:				53.04	53.04		
WILLIAM/REID LTD LLC							
82820	56103	PVC Adaptors for water plt	01/18/2019	117.01	117.01	44582	03/13/2019
Total WILLIAM/REID LTD LLC:				117.01	117.01		
WISCONSIN STATE LAB OF HYGIENE							
88300	584951-1 / 7002096	Fluoride	02/28/2019	26.00	26.00	44583	03/13/2019
Total WISCONSIN STATE LAB OF HYGIENE:				26.00	26.00		
Grand Totals:				260,935.73	260,935.73		

WAUPUN UTILITIES

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Vendor Number	Invoice Number	Description	Invoice Date	Invoice Amount	Check Amount	Check Number	Check Issue Date
ALLIANT ENERGY							
900	80105/MAR 19, 201	Gas Utility for Water Plant	03/19/2019	53.76	53.76	44588	03/29/2019
	931084/MAR 13, 20	GAS UTIL @ WWTP GARAGE	03/13/2019	1,597.46	1,597.46	44588	03/29/2019
Total ALLIANT ENERGY:				1,651.22	1,651.22		
AMARIL UNIFORM COMPANY							
1010	IV140106	Safety Clothing - Todd	02/12/2019	298.20	298.20	44590	03/29/2019
	IV143145	Safety Clothing - Todd	03/26/2019	87.24	87.24	44590	03/29/2019
Total AMARIL UNIFORM COMPANY:				385.44	385.44		
AUTO PLUS AUTO PARTS							
1700	039847395	Liquid Wrench for shop	03/12/2019	1.59	1.59	44591	03/29/2019
	039847395	Liquid Wrench for shop	03/12/2019	1.60	1.60	44591	03/29/2019
	039847395	Liquid Wrench for shop	03/12/2019	1.60	1.60	44591	03/29/2019
Total AUTO PLUS AUTO PARTS:				4.79	4.79		
BAKER TILLY VIRCHOW KRAUSE LLP							
2333	BT1375982	PROFESSIONAL SERVICES	03/01/2019	7,815.22	7,815.22	44592	03/29/2019
	BT1375982	PROFESSIONAL SERVICES	03/01/2019	7,815.22	7,815.22	44592	03/29/2019
	BT1375982	PROFESSIONAL SERVICES	03/01/2019	7,817.56	7,817.56	44592	03/29/2019
Total BAKER TILLY VIRCHOW KRAUSE LLP:				23,448.00	23,448.00		
BORDER STATES ELECTRIC SUPPLY							
3300	917366989	RISER POLE ARRESTOR - 10 KV	03/22/2019	607.00	607.00	44593	03/29/2019
	917366989	N/D ARRESTOR OVERHEAD - 10 KV	03/22/2019	282.40	282.40	44593	03/29/2019
Total BORDER STATES ELECTRIC SUPPLY:				889.40	889.40		
CAREW CONCRETE & SUPPLY CO							
5600	1123501	3/4 Crusher Run	03/12/2019	119.47	119.47	44594	03/29/2019
	1123501	3/4 Crusher Run	03/12/2019	119.47	119.47	44594	03/29/2019
Total CAREW CONCRETE & SUPPLY CO:				238.94	238.94		
CHARTER COMMUNICATIONS							
5830	0007846031819/78	INTERNET SERVICES	03/18/2019	44.84	44.84	44595	03/29/2019
	0007846031819/78	INTERNET SERVICES	03/18/2019	35.84	35.84	44595	03/29/2019
	0007846031819/78	INTERNET SERVICES	03/18/2019	34.50	34.50	44595	03/29/2019
	0007846031819/78	MONTHLY SERVICE EXPENSE	03/18/2019	46.60	46.60	44595	03/29/2019
	0007846031819/78	MONTHLY SERVICE EXPENSE	03/18/2019	37.04	37.04	44595	03/29/2019
	0007846031819/78	MONTHLY SERVICE EXPENSE	03/18/2019	35.85	35.85	44595	03/29/2019
	0043654031819/43	Water Plant Spectrum Business Voice	03/18/2019	79.98	79.98	44595	03/29/2019
	0043662032119/436	WWTP Spectrum Business Voice	03/21/2019	79.98	79.98	44595	03/29/2019
Total CHARTER COMMUNICATIONS:				394.43	394.43		
CT LABORATORIES							
6610	143844	Oil & Grease = HEM	03/15/2019	80.00	80.00	44596	03/29/2019
Total CT LABORATORIES:				80.00	80.00		
DIGGERS HOTLINE INC.							
7300	190231801	MONTHLY LOCATE TICKET CHRGS	02/28/2019	56.96	56.96	44597	03/29/2019

Vendor Number	Invoice Number	Description	Invoice Date	Invoice Amount	Check Amount	Check Number	Check Issue Date
Total DIGGERS HOTLINE INC.:				56.96	56.96		
DNR							
7475	24150 - SCHRAMM	Waterworks Operator Cert Renewal - S. Schramm	03/19/2019	45.00	45.00	44598	03/29/2019
Total DNR:				45.00	45.00		
ELLISON ELECTRIC SUPPLY INC							
8200	1462847-01	70amp Buckets	03/12/2019	1,122.10	1,122.10	44599	03/29/2019
Total ELLISON ELECTRIC SUPPLY INC:				1,122.10	1,122.10		
ELSTER SOLUTIONS LLC							
8225	9000089519	2/ea - 4S Electric Meters	03/20/2019	152.00	152.00	44600	03/29/2019
Total ELSTER SOLUTIONS LLC:				152.00	152.00		
EXXON MOBIL CREDIT CARD							
8990	7187600000035136	MONTHLY FLEET FUEL CHARGES	03/18/2019	955.14	955.14	44601	03/29/2019
	7187600000035136	MONTHLY FLEET FUEL CHARGES	03/18/2019	230.55	230.55	44601	03/29/2019
	7187600000035136	MONTHLY FLEET FUEL CHARGES	03/18/2019	461.10	461.10	44601	03/29/2019
Total EXXON MOBIL CREDIT CARD:				1,846.79	1,646.79		
GERRITSON, DAVID							
11220	1ST QTR 2019 SAL	COMMISSIONER'S QTRLY SALARY	03/29/2019	38.00	38.00	44602	03/29/2019
	1ST QTR 2019 SAL	COMMISSIONER'S QTRLY SALARY	03/29/2019	31.00	31.00	44602	03/29/2019
	1ST QTR 2019 SAL	COMMISSIONER'S QTRLY SALARY	03/29/2019	31.00	31.00	44602	03/29/2019
Total GERRITSON, DAVID:				100.00	100.00		
GUENTHER SUPPLY INC							
11700	823985	PVC Caps, Elbow, Tee	03/13/2019	83.70	83.70	44603	03/29/2019
	825193	PVC Fittings @ WWTP	03/29/2019	635.13	635.13	44603	03/29/2019
Total GUENTHER SUPPLY INC:				718.83	718.83		
HACH COMPANY							
12050	11373571	Ammonia TNT+, ULR	03/11/2019	1,357.88	1,357.88	44804	03/29/2019
	11373688	2pks of s-TKN TNT+ (0-18 MG/L N)	03/11/2019	331.89	331.89	44804	03/29/2019
Total HACH COMPANY:				1,689.77	1,689.77		
HEERINGA, JOE							
12330	1ST QTR 2019 SAL	COMMISSIONERS QTRLY SALARY	03/29/2019	52.25	52.25	44605	03/29/2019
	1ST QTR 2019 SAL	COMMISSIONERS QTRLY SALARY	03/29/2019	42.63	42.63	44605	03/29/2019
	1ST QTR 2019 SAL	COMMISSIONERS QTRLY SALARY	03/29/2019	42.62	42.62	44605	03/29/2019
Total HEERINGA, JOE:				137.50	137.50		
HOMAN, JEFF							
12830	1ST QTR 2019 SAL	QTRLY COMMISSION SALARY	03/29/2019	38.00	38.00	44606	03/29/2019
	1ST QTR 2019 SAL	QTRLY COMMISSION SALARY	03/29/2019	31.00	31.00	44606	03/29/2019
	1ST QTR 2019 SAL	QTRLY COMMISSION SALARY	03/29/2019	31.00	31.00	44606	03/29/2019

Vendor Number	Invoice Number	Description	Invoice Date	Invoice Amount	Check Amount	Check Number	Check Issue Date
Total HOMAN, JEFF:				100.00	100.00		
INTEGRATED COMMUNICATIONS SERV							
14650	190301451101	TELEPHONE ANSWERING SERV-AFT	03/25/2019	93.54	93.54	44607	03/29/2019
	190301451101	TELEPHONE ANSWERING SERV-AFT	03/25/2019	74.35	74.35	44607	03/29/2019
	190301451101	TELEPHONE ANSWERING SERV-AFT	03/25/2019	71.95	71.95	44607	03/29/2019
Total INTEGRATED COMMUNICATIONS SERV:				239.84	239.84		
IRBY, STUART C							
14890	S011150298.001	3/0 TRANS MOUNT	03/06/2019	999.80	999.80	44608	03/29/2019
Total IRBY, STUART C:				999.80	999.80		
J & H CONTROLS INC							
18000	10000020728	BUILDING MAINTENANCE MTHLY CHR	03/19/2019	160.00	160.00	44609	03/29/2019
	10000020728	BUILDING MAINTENANCE MTHLY CHR	03/19/2019	100.00	100.00	44609	03/29/2019
	10000020728	BUILDING MAINT MTHLY CHRG	03/19/2019	140.00	140.00	44609	03/29/2019
	10000020737	Press Rm- 2 Combusion Blower Assemblies & Ignition switch	03/21/2019	2,925.00	2,925.00	44609	03/29/2019
	20738	Credit given from Inv#20608	03/21/2019	864.16-	864.16-	44609	03/29/2019
Total J & H CONTROLS INC:				2,460.84	2,460.84		
LEON METAL WORK LLC							
18500	5079	Repair Alum. Step for truck#156	03/18/2019	67.50	67.50	44610	03/29/2019
Total LEON METAL WORK LLC:				67.50	67.50		
LINCOLN CONTRACTORS SUPPLY IN							
18650	M12943	Hu Saw Blades & Air Filters	03/26/2019	136.49	136.49	44611	03/29/2019
	M12943	Hu Saw Blades & Air Filters	03/26/2019	136.50	136.50	44611	03/29/2019
Total LINCOLN CONTRACTORS SUPPLY IN:				272.99	272.99		
LITE 11 LLC							
18680	1425	Install Mobile Radio, Antenna/fuse Trk#11	03/23/2019	190.00	190.00	44612	03/29/2019
	1425	Install/Remove old/new Mobile Radio Trk#17	03/23/2019	107.50	107.50	44612	03/29/2019
	1425	Install/Remove old/new Mobile Radio Trk#17	03/23/2019	107.50	107.50	44612	03/29/2019
Total LITE 11 LLC:				405.00	405.00		
MARC							
19850	0660159	Buff pads	03/14/2019	57.32	57.32	44613	03/29/2019
Total MARC:				57.32	57.32		
MEUW							
23500	1576	AMP/KV Seminar for Todd Flegner	03/19/2019	325.00	325.00	44614	03/29/2019
Total MEUW:				325.00	325.00		
MIDWEST OVERHEAD DOORS INC							
24300	182700	SERV CALL FOR OVERHEAD DOORS	03/26/2019	196.07	196.07	44615	03/29/2019
	182700	SERV CALL FOR OVERHEAD DOORS	03/26/2019	122.55	122.55	44615	03/29/2019
	182700	SERV CALL FOR OVERHEAD DOORS	03/26/2019	171.56	171.56	44615	03/29/2019

Vendor Number	Invoice Number	Description	Invoice Date	Invoice Amount	Check Amount	Check Number	Check Issue Date
Total MIDWEST OVERHEAD DOORS INC:				490.18	490.18		
NCL OF WISCONSIN INC							
33000	420478	Ammonia	03/15/2019	30.07	30.07	44616	03/29/2019
Total NCL OF WISCONSIN INC:				30.07	30.07		
NORTHERN SAFETY CO INC							
38800	903370228/101867	Safety Sun Glasses	03/15/2019	37.80	37.80	44617	03/29/2019
	903370228/101867	Safety Sun Glasses	03/15/2019	37.80	37.80	44617	03/29/2019
Total NORTHERN SAFETY CO INC:				75.60	75.60		
OFFICE DEPOT							
38880	283371577001	OFFICE SUPPLIES	03/05/2019	2.29	2.29	44618	03/29/2019
	283371577001	OFFICE SUPPLIES	03/05/2019	1.82	1.82	44618	03/29/2019
	283371577001	OFFICE SUPPLIES	03/05/2019	1.76	1.76	44618	03/29/2019
	283371577001	Mousepad & Copy Paper	03/05/2019	15.42	15.42	44618	03/29/2019
	283371577001	Mousepad & Copy Paper	03/05/2019	12.26	12.26	44618	03/29/2019
	283371577001	Mousepad & Copy Paper	03/05/2019	11.86	11.86	44618	03/29/2019
	287168355001	Mouse pad with Wrist rest	03/11/2019	11.06	11.06	44618	03/29/2019
	287168355001	Mouse pad with Wrist rest	03/11/2019	8.79	8.79	44618	03/29/2019
	287168355001	Mouse pad with Wrist rest	03/11/2019	8.51	8.51	44618	03/29/2019
	287168632001	Printer Toner	03/12/2019	44.68	44.68	44618	03/29/2019
	287168632001	Printer Toner	03/12/2019	35.52	35.52	44618	03/29/2019
	287168632001	Printer Toner	03/12/2019	34.37	34.37	44618	03/29/2019
Total OFFICE DEPOT:				188.34	188.34		
PIGGLY WIGGLY							
41200	15MAR2019	SUPPLIES FOR KITCHEN,OFFC, ETC	03/15/2019	4.57	4.57	44619	03/29/2019
	15MAR2019	SUPPLIES FOR KITCHEN,OFFC,ETC	03/15/2019	3.64	3.64	44619	03/29/2019
	15MAR2019	SUPPLIES FOR KITCHEN,OFFC,ETC	03/15/2019	3.52	3.52	44619	03/29/2019
Total PIGGLY WIGGLY:				11.73	11.73		
POLYDYNE INC.							
42000	1333797	Clarifloc CE-1855 - RC19/5058M & RC18/5843M	03/18/2019	11,522.08	11,522.08	44620	03/29/2019
Total POLYDYNE INC.:				11,522.08	11,522.08		
POWER SYSTEM ENGINEERING INC							
42800	9029481	GIS SUPPORT	03/14/2019	481.65	481.65	44621	03/29/2019
	9029481	GIS SUPPORT	03/14/2019	382.85	382.85	44621	03/29/2019
	9029481	GIS SUPPORT	03/14/2019	370.50	370.50	44621	03/29/2019
Total POWER SYSTEM ENGINEERING INC:				1,235.00	1,235.00		
Q-TRONICS							
44440	10078112	5pk 20mm Glass Fuse	03/21/2019	3.99	3.99	44622	03/29/2019
Total Q-TRONICS:				3.99	3.99		
QUARLES & BRADY LLP							
44500	6118999	Wate System Revenue Bonds, Series 2019	03/15/2019	8,750.00	8,750.00	44623	03/29/2019

Vendor Number	Invoice Number	Description	Invoice Date	Invoice Amount	Check Amount	Check Number	Check Issue Date
Total QUARLES & BRADY LLP:				8,750.00	8,750.00		
RESCO							
48400	744647-00	DEADEND INSULATORS	03/22/2019	436.95	436.95	44624	03/29/2019
Total RESCO:				436.95	436.95		
SHRED-IT USA LLC							
51860	8126917346	Document Shredding	03/22/2019	22.12	22.12	44625	03/29/2019
	8126917346	Document Shredding	03/22/2019	17.58	17.58	44625	03/29/2019
	8126917346	Document Shredding	03/22/2019	17.01	17.01	44625	03/29/2019
Total SHRED-IT USA LLC:				58.71	56.71		
SOLOMON CORPORATION							
52000	316710	CL-6 Control Panel + Freight	03/22/2019	1,452.39	1,452.39	44626	03/29/2019
Total SOLOMON CORPORATION:				1,452.39	1,452.39		
SPEE-DEE							
52600	3722327	SERVICE CHRG for WATER SAMPLES	03/11/2019	40.86	40.86	44627	03/29/2019
	3728151	SERVICE CHRG for WATER SAMPLES	03/25/2019	60.88	60.88	44627	03/29/2019
Total SPEE-DEE:				101.74	101.74		
STATE INDUSTRIAL PRODUCTS							
53200	900917480	Cleaning Chemicals	03/13/2019	924.05	924.05	44628	03/29/2019
Total STATE INDUSTRIAL PRODUCTS:				924.05	924.05		
THURMER, MIKE							
56900	1ST QTR 2019 SAL	QTRLY COMMISSION SALARY	03/29/2019	38.00	38.00	44629	03/29/2019
	1ST QTR 2019 SAL	QTRLY COMMISSION SALARY	03/29/2019	31.00	31.00	44629	03/29/2019
	1ST QTR 2019 SAL	QTRLY COMMISSION SALARY	03/29/2019	31.00	31.00	44629	03/29/2019
Total THURMER, MIKE:				100.00	100.00		
TRUCLEANERS LLC							
58700	3-2019	MONTHLY CLEANING SERVICE	03/29/2019	370.50	370.50	44630	03/29/2019
	3-2019	MONTHLY CLEANING SERVICE	03/29/2019	294.50	294.50	44630	03/29/2019
	3-2019	MONTHLY CLEANING SERVICE	03/29/2019	285.00	285.00	44630	03/29/2019
Total TRUCLEANERS LLC:				950.00	950.00		
USA BLUE BOOK							
59600	839811	Blue & Green Marking Paint	03/15/2019	207.84	207.84	44631	03/29/2019
	839811	Blue & Green Marking Paint	03/15/2019	207.85	207.85	44631	03/29/2019
	839811	Blue & Green Marking Paint	03/15/2019	415.69	415.69	44631	03/29/2019
	844818	EDTA Cartridges for Water Lab Chemicals	03/21/2019	131.34	131.34	44631	03/29/2019
	844951	21/2" Hydrant Cap Gaskets	03/21/2019	86.85	86.85	44631	03/29/2019
	844951	Water Plant Lab Chemicals	03/21/2019	428.23	428.23	44631	03/29/2019
	847404	RICCA Sulfuric Acid for Water Lab	03/25/2019	65.68	65.68	44631	03/29/2019
	851546	Credit for Hydrant Cap Gaskets returned	03/28/2019	57.90-	57.90-	44631	03/29/2019
Total USA BLUE BOOK:				1,485.58	1,485.58		

WAUPUN UTILITIES

Paid Invoice Report - COMMISSION
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Vendor Number	Invoice Number	Description	Invoice Date	Invoice Amount	Check Amount	Check Number	Check Issue Date
VERIZON WIRELESS							
62900	9826652384	CELLPHONE MTHLY EXPENSES	03/21/2019	146.43	146.43	44632	03/29/2019
	9826652384	CELLPHONE MTHLY EXPENSES	03/21/2019	116.39	116.39	44632	03/29/2019
	9826652384	CELLPHONE MTHLY EXPENSES	03/21/2019	112.63	112.63	44632	03/29/2019
	9826652384	DPWS MTHLY/DATA TABLET CHRGS	03/21/2019	53.10	53.10	44632	03/29/2019
Total VERIZON WIRELESS:				428.55	428.55		
VERONA SAFETY SUPPLY INC							
63200	2350	Safety Gloves - dated: 11/20/18	03/01/2019	35.70	35.70	44633	03/29/2019
	2350	Safety Gloves (dated: 11/20/18)	03/01/2019	35.70	35.70	44633	03/29/2019
	2843	Safety Gloves (dated: 11/30/18)	03/01/2019	80.41	80.41	44633	03/29/2019
	2843	Safety Gloves (dated: 11/30/18)	03/01/2019	80.40	80.40	44633	03/29/2019
	2844 (DT: 11/30/18)	Safety Gloves	03/01/2019	80.41	80.41	44633	03/29/2019
	2844 (DT: 11/30/18)	Safety Gloves	03/01/2019	80.40	80.40	44633	03/29/2019
	3340	Safety Gloves (dated: 12/10/18)	03/01/2019	80.11	80.11	44633	03/29/2019
	3340	Safety Gloves (dated: 12/10/18)	03/01/2019	80.10	80.10	44633	03/29/2019
	7781	Safety Mesh Shirts, Tyvek Coveralls	03/18/2019	192.60	192.60	44633	03/29/2019
	7781	Safety Mesh Shirts, Tyvek Coveralls	03/18/2019	192.60	192.60	44633	03/29/2019
Total VERONA SAFETY SUPPLY INC:				938.43	938.43		
WAUPUN UTILITIES							
76800	REIMB PETTY CAS	Fuel for Unit#1 while commuting	03/19/2019	6.67	6.67	44635	03/29/2019
	REIMB PETTY CAS	Fuel for Unit#1 while commuting	03/19/2019	6.67	6.67	44635	03/29/2019
	REIMB PETTY CAS	Fuel for Unit#1 while commuting	03/19/2019	6.66	6.66	44635	03/29/2019
Total WAUPUN UTILITIES:				20.00	20.00		
WISCONSIN CORRECTIONAL CENTER							
84300	17741	Inmate Labor 12/09/2018 - 02/05/2019	03/12/2019	264.00	264.00	44636	03/29/2019
Total WISCONSIN CORRECTIONAL CENTER:				264.00	264.00		
WAUPUN UTILITIES (Refund acct)							
100000	REFUND CARROL	Ref Overpaymt frm: 827 Mayfair St Apt15	03/29/2019	26.56	26.56	44634	03/29/2019
Total WAUPUN UTILITIES (Refund acct):				26.56	26.56		
ALLIANT ENERGY #4671756148							
100097	4671756148	TERB Transfer of Crisis Funds for Donna Terbeest	03/29/2019	66.55	66.55	44589	03/29/2019
Total ALLIANT ENERGY #4671756148:				66.55	66.55		
Grand Totals:				67,247.96	67,247.96		

Date	Reference Number	Payee or Description	Account Number	Account Title	Debit Amount	Credit Amount
CD						
1						
03/01/2019	1	2014 Revenue Bond Payment - Fox Valle	1-2237-0000-00	INTEREST ACCRUED	1,850.89	
		2014 Revenue Bond Payment - Fox Valle	2-2237-0000-00	INTEREST ACCRUED	5,925.31	
		2014 Revenue Bond Payment - Fox Valle	1-2223-2239-00	ADVS FROM MUNI - 2014 REV B	17,850.00	
		2014 Revenue Bond Payment - Fox Valle	2-2223-2239-00	ADVS FROM MUNI - 2014 REV B	57,150.00	
		2014 Revenue Bond Payment - Fox Valle	9-1131-0000-00	COMBINED CASH		82,776.00-
2						
					.00*	
03/15/2019	2	2009 STFL Payment	3-2237-0000-00	INTEREST ACCRUED	5,977.57	
		2009 STFL Payment	3-2223-2236-00	ADVS FROM MUNI - 2009 STFL	132,834.92	
		2009 STFL Payment	9-1131-0000-00	COMBINED CASH		138,812.49-
3						
					.00*	
03/10/2019	3	Record Feb's Credit Care ACH Payment	1-2232-0000-00	ACCOUNTS PAYABLE - ELECTR	1,322.09	
		Record Feb's Credit Care ACH Payment	2-2232-0000-00	ACCOUNTS PAYABLE - WATER	383.59	
		Record Feb's Credit Care ACH Payment	3-2232-0000-00	ACCOUNTS PAYABLE - WASTE	442.93	
4						
					2,148.61*	
03/28/2019	4	Record Feb's Power Bill & Shared Savings Loan A	1-2232-0000-00	ACCOUNTS PAYABLE - ELECTR	576,219.97	
5						
03/28/2019	5	Record ACH Support Serv Chrgs for the Utilities	1-2232-0000-00	ACCOUNTS PAYABLE - ELECTR	3,071.10	
		Record ACH Support Serv Chrgs for the Utilities	2-2232-0000-00	ACCOUNTS PAYABLE - WATER	1,148.52	
		Record ACH Support Serv Chrgs for the Utilities	3-2232-0000-00	ACCOUNTS PAYABLE - WASTE	996.49	
					5,216.11*	
03/28/2019	5	Record ACH Support Serv Chrgs for the City	1-2232-0000-00	ACCOUNTS PAYABLE - ELECTR	584.97	
6						
03/06/2019	6	Record Feb's Sales & Use Tax	1-2241-2416-00	TAX COLL PAY - SALES TAX	7,082.65	
7						
03/07/2019	7	Record ON-LINE ACH Payment for period ending	1-5921-0000-24	OFC SUP & EXP COMPUTER R	9.75	
		Record ON-LINE ACH Payment for period ending	2-5921-0000-24	OFC SUP & EXP-COMPUTER R	7.75	
		Record ON-LINE ACH Payment for period ending	3-5851-0000-24	OFC SUP & EXP-COMPUTER R	7.50	
10						
					25.00*	
03/31/2019	10	Record WF Monthly Fees	1-5921-0000-20	OFFICE SUPPLIES AND EXPEN	180.02	
		Record WF Monthly Fees	2-5921-0000-20	OFFICE SUPPLIES & EXPENSE	49.85	
		Record WF Monthly Fees	3-5851-0000-20	OFFICE SUPPLIES & EXPENSE	47.08	
		Record WF Monthly Fees	9-1131-0000-00	COMBINED CASH		276.95-
11						
					.00*	
03/31/2019	11	Record PSN Fees	1-5921-1010-20	OFC SUP & EXP CREDIT CARD	1,432.42	
		Record PSN Fees	2-5921-1010-20	OFC SUP & EXP CREDIT CARD	396.67	
		Record PSN Fees	3-5851-1010-20	OFC SUP & EXP-CREDIT CARD	374.63	
		Record PSN Fees	9-1131-0000-00	COMBINED CASH		2,203.72-
99001						
					.00*	
03/10/2019	99001	TOTAL CHECKS & OTHER CHARGES - COMBIN	9-1131-0000-00	COMBINED CASH		2,148.61-
99002						
03/28/2019	99002	TOTAL CHECKS & OTHER CHARGES - COMBIN	9-1131-0000-00	COMBINED CASH		582,021.05-
99003						
03/06/2019	99003	TOTAL CHECKS & OTHER CHARGES - COMBIN	9-1131-0000-00	COMBINED CASH		7,082.65-
99004						
03/31/2019	99004	TOTAL CHECKS & OTHER CHARGES - COMBIN	9-1131-0000-00	COMBINED CASH		25.00-
99005						
03/18/2019	99005	Transfer 2019 Revenue Bond Proceeds to LGIP	2-1125-2006-00	CONSTRUCTION ACCOUNT	700,000.00	
		Transfer 2019 Revenue Bond Proceeds to LGIP	9-1131-0000-00	COMBINED CASH		700,000.00-

Date	Reference Number	Payee or Description	Account Number	Account Title	Debit Amount	Credit Amount
Documents: 15 Transactions: 34						
Total CD:					1,515,346.47	1,515,346.47-
Grand Totals:					1,515,346.47	1,515,346.47-



TO: Waupun Utilities Commissioners
FROM: Randy Posthuma, General Manager
DATE: April 4, 2019
SUBJECT: General Managers Report

Waupun Utilities Honored for Excellent Reliability: The American Public Power Association (APPA) recently honored Waupun Utilities with a “certificate of excellence” for reliable performance. The APPA determined Waupun Utilities to be a certificate recipient after comparing our outage records against nationwide data gathered by the Energy Information Administration.

Municipal Day at the Capitol on May 22: I plan on attending this year’s “Municipal Government and Utility Day” at the Wisconsin State Capitol on Wednesday, May 22. Similar to events held in 2017 and 2015, MEUW is again partnering with the League of Wisconsin Municipalities, Wisconsin Rural Water Association (WRWA), the Transportation Development Association of Wisconsin, and Municipal Environmental Group (MEG) Water and Wastewater Divisions for a lobbying day to educate state legislators and staff and help to advocate for municipal needs, with focus on the critical role municipal infrastructure has on the state’s economy.

The day will start at 9 a.m. at Madison’s Monona Terrace Community and Convention Center, and will include group breakout topical briefings followed by advocacy meetings at the Capitol. The event concludes with a lunch and keynote presentation and is expected to wrap up by around 2 p.m. Gov. Tony Evers has been invited as the lunchtime speaker. If you’re interested in attending this event, please let me know and I’ll get you registered.

Moratorium Deadline is April 15th: Moratorium deadline is approaching fast; the first couple of months following the removal of the electric disconnect moratorium can be difficult for our office staff and delinquent customers. During this time, the office receives many calls regarding disconnect notices with customers making arrangements in an attempt to become current on their utility bills.

This concludes my report for April 2019. Please contact me at 324-7920 or rposthuma@wppienergy.org, with any questions or concerns.



TO: Waupun Utilities Commissioners
FROM: Steve Schramm
DATE: April 3, 2019
SUBJECT: Monthly Operation Report

Water Treatment Facility:

There are no call-ins to report this month.

The water treatment facility is performing well and water quality continues to be consistent barring the varying weather temperature swings.

Wastewater Treatment Facility:

Between March 14th and March 16th we received excessive snow melt causing localized flooding. As a result of this event, “blending” was implemented due to high wet weather conditions and increased flows to the treatment facility. By using “blending”, the treatment facility prevented excessive biological loss to the activated sludge system. This also allowed other treatment processes to function properly. No by-passing or SSO occurred during these event.

The ABNR pilot system arrived on site Monday 3/25/2019. Setup is scheduled to be completed by 4/3/19, with the biomass being ready for continuous flow by 4/8/19. This demonstration project is expected to treat water for 45 days, with the primarily focus on nutrient recovery performance while also providing the tools to optimize and confirm the basis for design.

Water/Sewer Crew:

There were three call-ins to report this month, due to water main breaks.

Details are as follows:

- The first break was located on Carrington St. This was a 6 inch main, and the break was a radial crack. The break was leaking approximately 104 gallons per minute, for 12 hours, totaling 75,425 gallons.
- The second break was located at Rock River and West St. This was an 8 inch main, and the break was a radial crack. The break was leaking approximately 209 gallons per minute, for 16.5 hours, totaling 206,910 gallons.
- The third break was located at Rock and Harris St. This was a 6 inch main, and the break was a “blow hole”. The break was leaking approximately 836 gallons per minute, for 5 hours, totaling 250,800 gallons.

(over)

Madison Street Update:

The project commenced on Monday 4/1/19 with milling of the road surface. WDNR water main approval was granted on Tuesday 4/2/19. Underground construction is scheduled to start Thursday 4/4/19.

This concludes my report. Please do not hesitate to contact me with your questions or concerns at 324-7920 or sschramm@wppienergy.org.



TO: Waupun Utilities Commissioners
FROM: Steve Brooks Electric Operations Supervisor
DATE: April 4, 2019
SUBJECT: Electric Operations Report

Electric Department Update:

One power outage to report on 3/14/19 at 3:00 p.m. The outage management system reported an outage in the 500 block of W. Jefferson St. and W. Brown St, affecting 10 customers. Power was restored at 3:45p.m. The power outage was due to an overhead equipment failure.

Line clearance is complete and the electric crew started focusing their efforts on construction.

- Rebuilding a section for O.H. secondary on E. Franklin St. Installing 4 new poles and 600 feet of new conductor.
- Replacing 5 poles on N. Madison St.
- Voltage conversion work on feeder 1 West sub. (North West side of town) Replacing several transformers and re-insulating primary lines for 15kv.

The electric crew installed a new service for the Christian Homestead addition at 1001 W. Brown St. The crew did an electric service upgrade for The Other Bar at 105 E. Main St, along with several residential service upgrades.

I am happy to report Chris Jahn passed his Journeyman Line Workers test in March. He has one more week of school to attend. He will complete his apprenticeship in April. After completion Chris will become a state indentured journeyman line technician. With the shortage of journeyman lineman in the job market, this is great news for Waupun Utilities.

This concludes my report for April 2019. Please contact me at 324-7920 or sbrooks@wppienergy.org, with any questions or concerns.



TO: Waupun Utilities Commissioners
FROM: Jared Oosterhouse, Finance Director
DATE: April 3, 2019
SUBJECT: March 2019 Financial Report

CONSTRUCTION AND PLANT ADDITIONS

The electric utility had minimal construction activity in March as most of the focus was on tree trimming. The sewer and water utility \$17,604 in engineering fees for Madison Street reconstruction.

Two Chevy Silverado trucks were delivered in March for a total cost of \$54,073. The sewer utility incurred \$18,598 for the replacement of pumps and valves for the Blower Building.

MONTHLY METRICS – March 2019 YTD

Sales

Electric

- kWh sales were 3.44% above budget and 2.71% above 2018 on higher residential, general service, and small power sales

Water

- Sales units of 100 cubic feet were 0.97% below budget, and
- 2.04% below 2018 on lower sales in most classes

Sewer

- Sales units of 100 cubic feet were 3.62% above budget and 3.49% above 2018 on higher public authority treatment volume

Income Statement

Electric

- Operating revenues and purchased power expense were below budget \$168,500 and \$95,200 respectively, due to overall lower purchased power costs
- Gross margin was \$73,300 below budget
- Operating expenses were \$34,400 above budget on higher distribution expenses from tree trimming which is expected and on higher administrative and general expense
- Operating income was \$58,500 or \$104,700 below budget on lower gross margins and higher expenses. Operating income is expected to improve once construction season begins.

Water

- Operating revenues were \$6,600 above budget
- Operating expenses were \$36,300 below budget on lower water treatment and transmission and distribution expenses
- Operating income was \$151,400 or \$46,300 above budget
- Net income was \$152,200 or \$40,700 above budget

Sewer

- Operating revenues were \$19,600 above budget
- Operating expenses were \$21,000 below budget on lower maintenance expenses
- Operating income was \$94,200 or \$40,500 above budget
- Net income was \$133,900 or \$83,300 above budget on lower expenses and higher investment income

Balance Sheets

Electric

- Balance sheet decreased \$170,000 from February 2019
- Total unrestricted decreased \$48,500
- Restricted cash decreased \$161,900 from March 1st debt service payments
- Receivables increased \$59,700 due to late payment from a large customer
- Long-term debt decreased \$164,200 from payment made

Water

- Balance sheet increased \$71,500 from February 2019
- Total unrestricted cash increased \$33,500
- Restricted cash increased \$78,000 on receiving \$700,000 in revenue bond proceeds and paying out \$622,000 on March 1st for annual debt service payments
- Interest accrued decreased \$55,800 on interest payment made
- Long-term debt increased \$80,500 from issuing \$700,000 in 2019 Revenue Bonds and making payment of \$619,500 towards existing debt service

Sewer

- Balance sheet decreased \$82,200 from February 2019
- Unrestricted cash increased \$41,100
- Restricted cash decreased \$117,300 on equipment replacement purchases made for the WWTP
- Net position increased \$50,400 from operating results

Cash and Investments

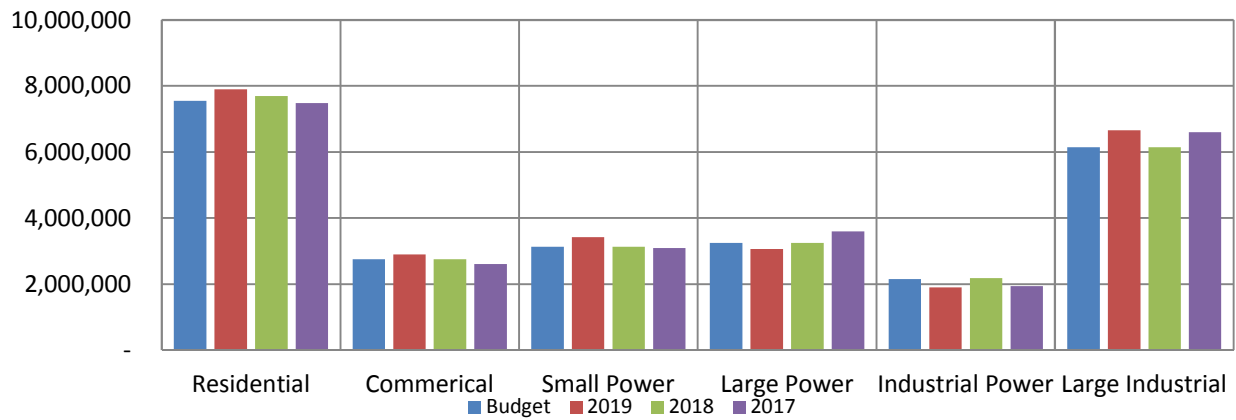
The monthly metrics dashboard for cash and investments provide a monthly comparison of cash and investment balances, and graphs that present long-term investments by maturity, type, and rating.

- Total cash and investments decreased \$175,100 from February 2019
- Received interest and distributions of \$13,400 and recorded an unrealized positive market adjustment of \$14,200, along with \$600 in management fees, resulting in a net portfolio gain of \$27,000 for the month.

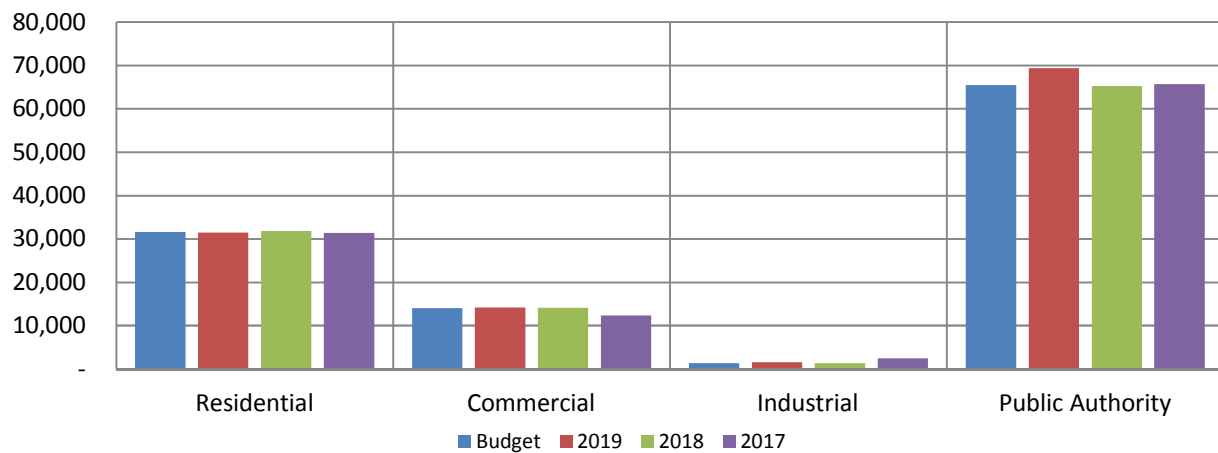
This concludes my report. Please do not hesitate to contact me at 324-7923 or joosterhouse@wppienergy.org with any questions or comments.

Waupun Utilities											
Construction and Plant Additions Summary											
March 2019											
CONSTRUCTION:											
	Electric			Sewer			Water			Total	
Description	Month	Project To Date	Budget	Month	Project To Date	Budget	Month	Project To Date	Budget	Project To Date	Budget
Projects:											
Poles, towers and fixtures	\$ -	\$ -	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000
Overhead and underground conductor and devices	378	910	10,000	-	-	-	-	-	-	910	10,000
Transformers	-	-	100,000	-	-	-	-	-	-	-	100,000
Overhead and Underground Services	487	3,691	15,000	-	-	-	-	-	-	3,691	15,000
Street lighting / Damaged Street Light Poles	248	19,108	50,000	-	-	-	-	-	-	19,108	50,000
Voltage conversion	-	-	60,000	-	-	-	-	-	-	-	60,000
Rebuild overhead line	-	-	175,000	-	-	-	-	-	-	-	175,000
Customer Contributed Extensions and Services	-	-	-	-	-	-	-	-	-	-	-
Newton/Rock Avenue Engineering	-	-	-	-	15,809	25,000	-	15,809	25,000	31,618	50,000
Meters	-	-	6,000	-	-	-	-	26,750	26,700	26,750	32,700
WWTP Phosphorus Upgrade Engineering	-	-	-	-	-	900,000	-	-	-	-	900,000
Madison St Engineering & Construction	-	-	-	8,767	34,249	1,148,100	8,837	35,347	1,442,500	69,596	2,590,600
Services / Laterals	-	-	-	-	-	-	-	-	-	-	-
Hydrants	-	-	-	-	-	-	-	-	25,000	-	25,000
TOTAL CONSTRUCTION	\$ 1,113	\$ 23,708	\$ 426,000	\$ 8,767	\$ 50,058	\$ 2,073,100	\$ 8,837	\$ 77,905	\$ 1,519,200	\$ 151,672	\$ 4,018,300
PLANT ADDITIONS:											
	Electric			Sewer			Water			Total	
Description	Month	YTD	Budget	Month	YTD	Budget	Month	YTD	Budget	YTD	Budget
Server Replacement	\$ -	\$ -	\$ 3,600	\$ -	\$ -	\$ 3,600	\$ -	\$ -	\$ 3,600	\$ -	\$ 10,800
Pickup trucks and SUV	27,037	34,157	40,000	13,518	20,638	24,000	13,518	20,638	24,000	75,433	88,000
Portable meter test bench	-	10,165	11,000	-	-	-	-	-	-	10,165	11,000
Portable generator	-	-	-	-	21,699	23,000	-	-	-	21,699	23,000
Push camera with locator	-	-	-	-	12,370	13,500	-	-	-	12,370	13,500
Hydrant listener replacement	-	-	-	-	-	-	-	4,000	4,000	4,000	4,000
Well PLC hardware upgrade	-	-	-	-	-	-	-	-	24,400	-	24,400
Water treatment plant - equipment replacement	-	-	-	-	-	-	-	-	5,000	-	5,000
Shaler lift station - control panel	-	-	-	-	-	14,000	-	-	-	-	14,000
Digester building equipment replacement	-	-	-	-	6,964	6,900	-	-	-	6,964	6,900
Blower building equipment replacement	-	-	-	18,598	174,781	219,600	-	-	-	174,781	219,600
Filter building equipment replacement	-	-	-	-	-	80,000	-	-	-	-	80,000
Other equipment replacement	-	-	-	-	2,500	5,300	-	-	-	2,500	5,300
TOTAL PLANT ADDITIONS	\$ 27,037	\$ 44,322	\$ 54,600	\$ 32,116	\$ 238,952	\$ 389,900	\$ 13,518	\$ 24,638	\$ 61,000	\$ 307,912	\$ 505,500

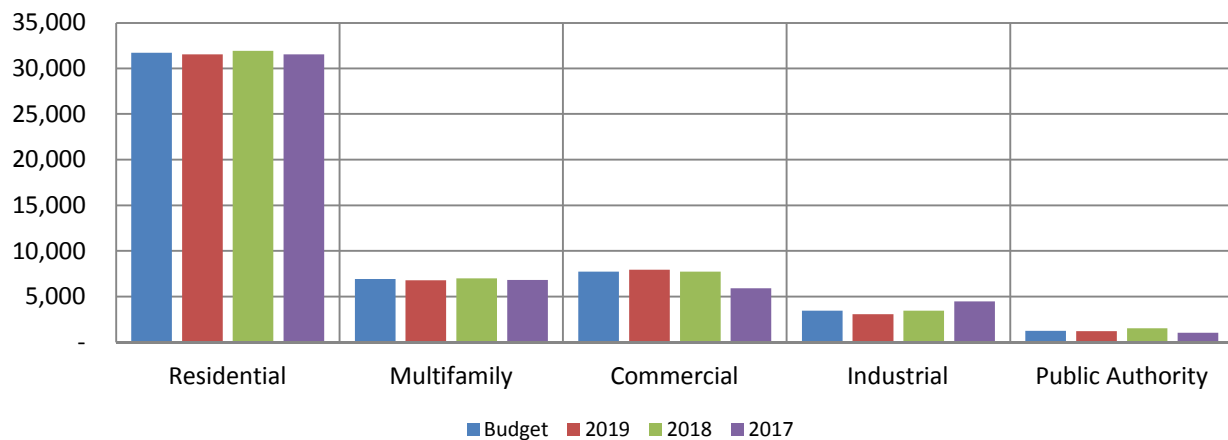
YTD Electric Sales (kWh)



YTD Sewer Sales (Ccf)



YTD Water Sales (Ccf)



WAUPUN UTILITIES
Income Statement and Financial Ratios
Electric Utility
For the 12 Months Ending:

ELECTRIC	March 2017	March 2018	March 2019
Sales of Electricity	\$ 10,200,855	\$ 10,225,479	\$ 9,982,985
Purchased Power	8,229,088	8,229,465	7,891,425
Gross Margin	1,971,767	1,996,014	2,091,561
	19.3%	19.5%	21.0%
Other Operating Revenues	94,966	137,457	98,835
Operating Expenses			
Distribution expense	394,853	260,995	394,249
Customer accounts expense	115,762	108,567	117,206
Advertising expense	2,423	850	614
Administrative & general expense	413,313	393,695	378,623
Total operating expenses	926,351	764,107	890,691
Other Operating Expenses			
Depreciation expense	549,936	564,646	579,168
Taxes	319,576	343,876	337,411
Total other operating expenses	869,512	908,522	916,579
Operating Income	270,870	460,843	383,126
Other Income (Expense)			
Interest expense	(42,813)	(38,384)	(34,473)
Capital contributions	63,043	158,825	108,146
Other	(22,104)	29,534	(78,007)
Total other income (expense)	(1,874)	149,975	(4,334)
Net Income	\$ 268,996	\$ 610,817	\$ 378,792

Regulatory Operating Income	342,631	548,108	445,127
Rate of Return	4.04	6.45	5.13
Authorized Rate of Return	6.00	5.00	5.00
Current Ratio	2.5	2.9	3.7
Months of Unrestricted Cash on Hand	2.1	2.2	2.3
Debt vs Equity	0.82	0.84	0.86
Asset Utilization	0.47	0.48	0.49
Combined E&W Debt Coverage	2.73	2.93	3.03
Minimum Required Coverage	1.25	1.25	1.25

Note 1 - Electric rates were increased September 2016.

Definitions

Rate of Return - Return on investment in capital infrastructure. Should be near authorized rate of return.

Current Ratio - measure of liquidity or ability to pay obligations. Should be > 1.

Months of Unrestricted Cash on Hand - measure of reserves. Should be at least 2-3 months.

Debt vs. Equity - Percent of infrastructure financed by operations. 50% is a good benchmark.

Asset Utilization - Illustrates the relative age of the system. Ratio of 1 indicates a system at full life expectancy.

Debt Coverage - Earnings coverage of annual debt service. Must exceed 1.25

WAUPUN UTILITIES
Detailed Income Statement and YTD Budget Comparison
Electric Utility
For the Period Ended March, 31 2019

	Last 12 Months	YTD 2019	YTD Budget	Difference
ELECTRIC				
Operating Revenues	\$ 9,982,985	\$ 2,249,789	\$ 2,418,282	\$ (168,493)
Purchased Power	7,891,425	1,715,672	1,810,831	(95,159)
Gross Margin	2,091,561	534,117	607,451	(73,334)
	21.0%	23.7%	25.1%	
Other Operating Revenues	98,835	24,673	23,993	681
Operating Expenses				
Distribution expense	394,249	120,683	91,901	28,782
Customer accounts expense	117,206	30,467	30,612	(145)
Advertising expense	614	900	500	400
Administrative & general expense	378,623	116,593	111,262	5,331
Total operating expenses	890,691	268,643	234,275	34,368
Other Operating Expenses				
Depreciation expense	579,168	147,355	147,355	-
Taxes	337,411	84,306	86,625	(2,319)
Total other operating expenses	916,579	231,661	233,980	(2,319)
Operating Income	383,126	58,486	163,189	(104,703)
Other Income (Expense)				
Interest expense	(34,473)	(7,873)	(7,873)	(0)
Capital contributions	108,146	-	-	-
Other	(78,007)	12,233	1,956	10,277
	(4,334)	4,361	(5,917)	10,277
Net Income	\$ 378,792	\$ 62,846	\$ 157,273	\$ (94,426)

	March 2019	Feb 2019	Jan 2019	Dec 2018	Nov 2018	Oct 2018	Sept 2018	Aug 2018	July 2018	June 2018	May 2018	April 2018	March 2018
Operating Revenues	\$ 735,403	\$ 753,842	\$ 760,543	\$ 756,494	\$ 756,512	\$ 804,298	\$ 925,687	\$1,067,486	\$1,056,345	\$ 883,539	\$ 762,991	\$ 719,846	\$ 744,195
Purchased Power	571,584	575,344	568,745	582,164	593,232	604,710	731,023	882,407	893,266	735,346	619,185	534,419	589,462
Gross Margin	163,820	178,499	191,798	174,330	163,280	199,587	194,664	185,078	163,078	148,193	143,807	185,427	154,732
	22.3%	23.7%	25.2%	23.0%	21.6%	24.8%	21.0%	17.3%	15.4%	16.8%	18.8%	25.8%	20.8%
Other Operating Revenues	9,213	7,817	7,643	10,285	9,353	8,387	7,734	8,053	7,648	7,738	7,762	7,201	7,355
Operating Expenses													
Distribution expense	38,981	38,822	42,881	28,946	23,835	24,074	78,051	27,889	24,201	20,766	23,795	22,011	46,882
Customer accounts expense	10,067	9,234	11,167	6,532	8,963	9,492	8,898	13,232	12,915	8,375	9,594	8,738	11,670
Advertising expense	250	200	450	(304)	434	120	(3,350)	500	-	1,750	250	314	200
Administrative & general expense	39,953	32,734	43,907	42,930	27,937	28,872	22,801	28,403	23,492	27,954	25,940	33,701	43,445
Total operating expenses	89,250	80,989	98,405	78,103	61,169	62,558	106,399	70,023	60,608	58,845	59,579	64,764	102,197
Other Operating Expenses													
Depreciation expense	49,118	49,118	49,118	49,604	47,776	47,776	47,776	47,776	47,776	47,776	47,776	47,776	47,776
Taxes	27,206	27,569	29,531	27,304	26,672	38,604	26,088	27,222	26,479	26,346	26,264	28,125	28,202
Total other operating expenses	76,324	76,687	78,649	76,907	74,448	86,381	73,864	74,998	74,255	74,122	74,041	75,901	75,978
Operating Income	7,458	28,640	22,388	29,604	37,016	59,036	22,134	48,110	35,864	22,964	17,949	51,963	(16,088)
Other Income (Expense)													
Interest expense	(2,624)	(2,624)	(2,624)	(2,956)	(2,956)	(2,956)	(2,956)	(2,956)	(2,956)	(2,956)	(2,956)	(2,956)	(2,956)
Capital contributions	-	-	-	44,072	49,776	(3,827)	-	4,743	5,762	5,690	-	1,930	3,410
Other	5,942	3,354	2,937	4,239	(98,899)	904	464	4,502	(396)	(1,375)	1,582	(1,262)	46,365
	3,318	730	313		(52,078)	(5,878)	(2,492)	6,290	2,410	1,359	(1,373)	(2,287)	46,820
Net Income	\$ 10,776	\$ 29,370	\$ 22,701	\$ 26	\$ (15,062)	\$ 53,158	\$ 19,642	\$ 54,400	\$ 38,274	\$ 24,323	\$ 16,576	\$ 49,676	\$ 30,732

WAUPUN UTILITIES
Income Statement and Financial Ratios
Water Utility
For the 12 Months Ending:

WATER	March 2017	March 2018	March 2019
Operating Revenues	\$ 2,569,993	\$ 2,562,816	\$ 2,576,316
Operating Expenses			
Source of supply expenses	56,719	52,475	720
Pumping expenses	84,373	90,514	94,634
Water treatment expenses	290,476	182,750	193,401
Transmission & distribution expenses	190,996	324,685	293,490
Customer accounts expenses	98,376	104,739	110,922
Administrative & general expense	296,346	261,997	235,179
Total operating expenses	1,017,285	1,017,159	928,346
Other Operating Expenses			
Depreciation expense	544,383	555,290	539,470
Taxes	361,380	365,520	383,952
Total other operating expenses	905,764	920,809	923,423
Operating Income	646,944	624,847	724,548
Other Income (Expense)			
Interest expense	(158,915)	(144,770)	(130,013)
Capital contributions from customers and municipal	60,050	387,241	67,178
Other	(58,222)	(58,290)	(43,715)
Total other income (expense)	(157,086)	184,180	(106,550)
Net Income	\$ 489,858	\$ 809,027	\$ 617,998

Regulatory Operating Income	704,730	682,737	770,409
Rate of Return	5.37	5.05	5.50
Authorized Rate of Return	6.50	6.50	6.50
Current Ratio	21.35	50.14	45.88
Months of Unrestricted Cash on Hand	5.02	7.38	9.63
Debt vs Equity	0.61	0.65	0.64
Asset Utilization	0.32	0.32	0.34

Note 1 - Water rates were increased May 2012.

Definitions

Rate of Return - Return on investment in capital infrastructure. Should be near authorized rate of return.

Current Ratio - measure of liquidity or ability to pay obligations. Should be > 1.

Months of Unrestricted Cash on Hand - measure of reserves. Should be at least 2-3 months.

Debt vs. Equity - Percent of infrastructure financed by operations. 50% is a good benchmark.

Asset Utilization - Illustrates the relative age of the system. Ratio of 1 indicates a system at full life expectancy.

WAUPUN UTILITIES
Detailed Income Statement and YTD Budget Comparison
Water Utility
For the Period Ended March, 31 2019

	Last 12 Months	YTD 2019	YTD Budget	Difference
WATER				
Operating Revenues	\$ 2,576,316	\$ 629,944	\$ 623,342	\$ 6,602
Operating Expenses				
Source of supply expenses	720	-	750	(750)
Pumping expenses	94,634	23,314	23,324	(9)
Water treatment expenses	193,401	48,930	53,176	(4,245)
Transmission & distribution expenses	293,490	36,120	66,333	(30,212)
Customer accounts expenses	110,922	29,781	29,634	147
Administrative & general expense	235,179	62,950	64,206	(1,256)
Total operating expenses	928,346	201,096	237,422	(36,326)
Other Operating Expenses				
Depreciation expense	539,470	135,794	135,794	-
Taxes	383,952	95,372	98,775	(3,403)
Total other operating expenses	923,423	231,165	234,569	(3,403)
Operating Income	724,548	197,683	151,352	46,331
Other Income (Expense)				
Interest expense	(130,013)	(29,691)	(29,691)	0
Capital contributions	67,178	-	-	-
Other	(43,715)	(15,799)	(10,165)	(5,635)
	(106,550)	(45,491)	(39,856)	(5,635)
Net Income	\$ 617,998	\$ 152,192	\$ 111,496	\$ 40,696

	March 2019	Feb 2019	Jan 2019	Dec 2018	Nov 2018	Oct 2018	Sept 2018	Aug 2018	July 2018	June 2018	May 2018	April 2018	March 2018
WATER													
Operating Revenues	\$ 207,623	\$ 211,393	\$ 210,927	\$ 207,734	\$ 209,828	\$ 219,788	\$ 216,233	\$ 223,017	\$ 222,299	\$ 224,005	\$ 214,161	\$ 209,308	\$ 206,296
Operating Expenses													
Source of supply expenses	-	-	-	98	102	31	91	-	-	9	-	390	44,995
Pumping expenses	7,865	7,675	7,775	8,818	7,146	7,305	7,172	8,693	8,602	8,020	7,817	7,746	8,235
Water treatment expenses	11,824	16,442	20,665	12,950	11,857	14,912	20,731	21,031	14,563	17,706	16,033	14,687	15,065
Transmission & distribution expenses	12,992	14,020	9,108	62,216	27,955	17,349	17,983	46,402	11,943	34,494	20,895	18,133	17,198
Customer accounts expenses	9,843	8,729	11,209	5,722	8,488	8,944	8,356	12,517	11,532	8,157	9,053	8,371	11,162
Administrative & general expense	22,180	18,226	22,543	27,073	19,677	16,075	15,345	21,746	15,134	17,533	18,108	21,539	25,988
Total operating expenses	64,704	65,092	71,300	116,876	75,225	64,617	69,679	110,390	61,774	85,920	71,905	70,865	122,642
Other Operating Expenses													
Depreciation expense	45,265	45,265	45,265	39,736	45,493	45,493	45,493	45,493	45,493	45,493	45,493	45,493	45,493
Taxes	31,665	31,590	32,117	30,698	31,960	34,191	31,664	32,809	31,713	31,927	31,879	31,739	32,377
Total operating expenses	76,929	76,855	77,381	70,434	77,453	79,683	77,156	78,302	77,206	77,420	77,372	77,232	77,869
Operating Income	65,990	69,446	62,246	20,424	57,151	75,487	69,398	34,325	83,319	60,665	64,884	61,212	5,784
Other Income (Expense)													
Interest expense	(9,897)	(9,897)	(9,897)	(11,147)	(11,147)	(11,147)	(11,147)	(11,147)	(11,147)	(11,147)	(11,147)	(11,147)	(11,147)
Capital contributions	-	-	-	67,178	-	-	-	-	-	-	-	-	-
Other	(10,905)	(2,455)	(2,440)	(2,544)	(2,884)	(3,042)	(3,288)	(2,730)	(3,273)	(3,413)	(3,109)	(3,633)	(3,994)
	(20,802)	(12,352)	(12,337)	53,487	(14,031)	(14,189)	(14,435)	(13,877)	(14,420)	(14,560)	(14,256)	(14,780)	(15,141)
Net Income	\$ 45,188	\$ 57,094	\$ 49,909	28	\$ 43,120	\$ 61,298	\$ 54,964	\$ 20,448	\$ 68,899	\$ 46,105	\$ 50,629	\$ 46,432	\$ (9,357)

WAUPUN UTILITIES
Income Statement and Financial Ratios
Sewer Utility
For the 12 Months Ending:

SEWER	March 2017	March 2018	March 2019
Operating Revenues	\$ 2,147,308	\$ 2,282,652	\$ 2,418,715
Operating Expenses			
WWTP operation expenses	335,014	356,799	381,561
Laboratory expenses	51,631	57,077	64,616
Maintenance expenses	426,491	467,301	387,637
Customer accounts expenses	148,954	142,315	151,091
Administrative & general expenses	392,256	385,657	411,250
Total operating expenses	1,354,347	1,409,149	1,396,156
Other Operating Expenses			
Depreciation expense	708,271	680,173	668,846
Total other operating expenses	708,271	680,173	668,846
Operating Income	84,690	193,331	353,714
Other Income (Expense)			
Interest expense	(97,324)	(81,495)	(65,108)
Capital contributions	35,608	349,606	63,390
Other	29,486	31,031	128,901
Total other income (expense)	(32,230)	299,142	127,183
Net Income	\$ 52,460	\$ 492,472	\$ 480,897

Operating Income (excluding GASB 68 & 75)	113,957	224,451	373,460
Rate of Return	0.78	1.69	2.74
Current Ratio	48.88	77.65	73.03
Months of Unrestricted Cash on Hand	21.31	21.83	23.18
Debt vs Equity	0.79	0.83	0.86
Asset Utilization	0.48	0.47	0.48

Note 1 - Sewer rates were increased January 2019.

Definitions

Rate of Return - Return on investment in capital infrastructure.

Current Ratio - measure of liquidity or ability to pay obligations. Should be > 1.

Months of Unrestricted Cash on Hand - measure of reserves. Should be at least 2-3 months.

Debt vs. Equity - Percent of infrastructure financed by operations. 50% is a good benchmark.

Asset Utilization - Illustrates the relative age of the system. Ratio of 1 indicates a system at full life expectancy.

WAUPUN UTILITIES
Detailed Income Statement and YTD Budget Comparison
Sewer Utility
For the Period Ended March, 31 2019

	Last 12 Months	YTD 2019	YTD Budget	Difference
SEWER				
Operating Revenues	\$ 2,418,715	\$ 579,084	\$ 559,517	\$ 19,567
Operating Expenses				
WWTP operation expenses	381,561	92,429	91,571	859
Laboratory expenses	64,616	17,322	15,485	1,837
Maintenance expenses	387,637	63,688	94,323	(30,635)
Customer accounts expenses	151,091	38,861	39,843	(982)
Administrative & general expenses	411,250	103,344	95,390	7,954
Total operating expenses	1,396,156	315,644	336,612	(20,967)
Other Operating Expenses				
Depreciation expense	668,846	169,219	169,219	-
Total other operating expenses	668,846	169,219	169,219	-
Operating Income	353,714	94,221	53,686	40,535
Other Income (Expense)				
Interest Expense	(65,108)	(13,122)	(13,122)	(0)
Capital contributions	63,390	-	-	-
Other	128,901	52,783	10,000	42,783
	127,183	39,661	(3,122)	42,783
Net Income	\$ 480,897	\$ 133,882	\$ 50,564	\$ 83,318

	March 2019	Feb 2019	Jan 2019	Dec 2018	Nov 2018	Oct 2018	Sept 2018	Aug 2018	July 2018	June 2018	May 2018	April 2018	March 2018
SEWER													
Operating Revenues	\$ 198,544	\$ 187,540	\$ 193,000	\$ 189,816	\$ 189,849	\$ 209,172	\$ 204,337	\$ 216,110	\$ 215,884	\$ 206,994	\$ 208,826	\$ 198,643	\$ 186,544
Operating Expenses													
WWTP operation expenses	36,034	28,205	28,191	23,092	35,443	22,703	25,942	40,802	36,127	35,439	35,657	33,927	32,235
Laboratory expenses	6,218	3,583	7,521	4,541	7,998	4,678	5,577	5,584	4,117	5,303	4,075	5,422	6,623
Maintenance expenses	23,558	20,149	19,981	113,299	17,196	24,597	27,961	31,307	26,546	46,066	21,866	15,112	80,679
Customer accounts expenses	12,915	12,087	13,859	9,679	12,293	12,323	11,709	16,170	14,734	11,456	12,253	11,612	14,510
Administrative & general expense	33,074	30,130	40,140	43,750	26,952	27,931	30,129	32,344	40,448	30,461	43,537	32,355	39,028
Total operating expenses	111,799	94,154	109,692	194,360	99,882	92,232	101,318	126,207	121,972	128,724	117,388	98,428	173,075
Other Operating Expenses													
Depreciation expense	56,406	56,406	56,406	54,248	55,672	55,672	55,672	55,672	55,672	55,672	55,672	55,672	55,672
Total other operating expenses	56,406	56,406	56,406	54,248	55,672	55,672	55,672	55,672	55,672	55,672	55,672	55,672	55,672
Operating Income	30,339	36,980	26,902	(58,792)	34,294	61,268	47,346	34,231	38,240	22,597	35,766	44,543	(42,204)
Other Income (Expense)													
Interest expense	(4,374)	(4,374)	(4,374)	(5,776)	(5,776)	(5,776)	(5,776)	(5,776)	(5,776)	(5,776)	(5,776)	(5,776)	(5,776)
Capital contributions	-	-	-	63,390	-	-	-	-	-	-	-	-	-
Other	24,439	15,252	13,093	21,702	11,479	5,989	4,897	19,308	1,402	(1,559)	13,795	(896)	15,999
	20,065	10,877	8,719	79,316	5,703	213	(879)	13,532	(4,374)	(7,335)	8,019	(6,672)	10,223
Net Income	\$ 50,404	\$ 47,857	\$ 35,605	\$ 20,524	\$ 39,997	\$ 61,480	\$ 46,467	\$ 47,763	\$ 33,866	\$ 15,263	\$ 43,784	\$ 37,871	\$ (31,981)

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WAUPUN UTILITES
Balance Sheets
Electric, Water, and Sewer

<u>ELECTRIC</u>	March 2017	March 2018	March 2019	Feb 2019	Change
Cash and investments - unrestricted	\$ 1,644,945	\$ 1,702,573	\$ 1,742,755	\$ 1,791,263	\$ (48,508)
Cash and investments - restricted	106,525	107,092	107,991	269,912	(161,921)
Receivables	806,755	748,907	893,990	834,256	59,734
Materials and Supplies	205,186	205,474	228,324	227,471	853
Other assets	507,010	409,303	603,828	602,192	1,636
Plant - net of accumulated depreciation	8,838,522	9,237,087	9,150,411	9,172,210	(21,799)
Total Assets	12,108,944	12,410,435	12,727,298	12,897,304	(170,006)
Accounts payable	708,904	652,920	587,819	591,104	(3,285)
Payable to sewer utility	264,547	176,365	114,365	114,365	-
Interest accrued	2,749	2,413	2,070	16,854	(14,784)
Accrued benefits	277,122	304,183	88,249	88,249	-
Deferred Credits	206,422	175,187	716,136	714,629	1,507
Long-term debt	1,593,410	1,432,760	1,268,540	1,432,760	(164,220)
Net Position	9,055,790	9,666,607	9,950,120	9,939,344	10,776
Total Liabilities & Net Position	\$ 12,108,944	\$ 12,410,435	\$ 12,727,298	\$ 12,897,304	\$ (170,006)
<u>WATER</u>	March 2017	March 2018	March 2019	Feb 2019	Change
Cash and investments - unrestricted / designated	\$ 577,263	\$ 849,990	\$ 1,052,672	\$ 1,019,160	\$ 33,512
Cash and investments - restricted	173,176	173,700	876,602	798,621	77,982
Receivables	172,980	182,137	189,162	196,557	(7,395)
Materials and Supplies	51,749	76,480	64,411	64,580	(168)
Other assets	595,031	493,279	527,048	535,449	(8,401)
Plant - net of accumulated depreciation	15,536,702	15,529,583	15,410,960	15,435,042	(24,081)
Total Assets	17,106,901	17,305,170	18,120,856	18,049,407	71,449
Accounts payable	24,775	11,484	19,259	17,777	1,482
Interest accrued	10,362	9,102	7,806	63,564	(55,757)
Accrued benefits	141,293	151,447	46,840	46,840	-
Deferred Credits	105,797	87,854	353,723	353,723	-
Long-term debt	6,009,464	5,403,652	5,484,188	5,403,652	80,536
Net Position	10,815,210	11,641,631	12,209,039	12,163,851	45,188
Total Liabilities & Net Position	\$ 17,106,901	\$ 17,305,170	\$ 18,120,856	\$ 18,049,407	\$ 71,449
<u>SEWER</u>	March 2017	March 2018	March 2019	Feb 2019	Change
Cash and investments - unrestricted	\$ 2,405,190	\$ 2,563,054	\$ 2,697,072	\$ 2,655,941	\$ 41,131
Cash and investments - restricted	2,336,021	2,342,264	2,239,170	2,356,497	(117,327)
Receivables	179,782	192,144	197,785	187,513	10,273
Receivable from electric utility	263,140	176,365	114,365	114,365	-
Materials and Supplies	11,317	8,994	9,112	9,112	-
Advances to other funds	428,440	428,440	428,440	428,440	-
Other assets	291,301	230,442	348,004	350,211	(2,206)
Plant - net of accumulated depreciation	13,691,616	13,671,708	13,745,279	13,759,327	(14,048)
Total Assets	19,606,808	19,613,412	19,779,227	19,861,405	(82,178)
Accounts payable	21,806	9,045	17,999	16,142	1,857
Interest accrued	31,082	26,436	21,641	23,245	(1,603)
Accrued benefits	134,259	148,478	61,691	61,691	-
Deferred Credits	139,395	116,026	459,328	459,328	-
Long-term debt	2,824,307	2,363,590	1,886,794	2,019,629	(132,835)
Net Position	16,455,959	16,949,838	17,331,774	17,281,371	50,404
Total Liabilities & Net Position	\$ 19,606,808	\$ 19,613,412	\$ 19,779,227	\$ 19,861,405	\$ (82,178)

Monthly Dashboard - Cash & Investments						March 2019	
Account	Restrictions	March 2019	Feb 2019	\$ Inc/(Dec)	% Inc/(Dec)		
Checking - E	Unrestricted	\$ 49,214	\$ 104,971	\$ (55,757)	-53.12%		
Checking - W	Unrestricted	358,566	326,868	31,698	9.70%		
Checking - S	Unrestricted	262,684	362,605	(99,921)	-27.56%		
Reserves - E	Unrestricted	1,693,541	1,686,293	7,249	0.43%		
Reserves - W	Unrestricted	287,364	286,341	1,023	0.36%		
Reserves - S	Unrestricted	2,434,388	2,293,336	141,052	6.15%		
P&I Redemption - E	Restricted	19,726	181,647	(161,921)	-89.14%		
P&I Redemption - W	Restricted	63,168	685,186	(622,018)	-90.78%		
P&I Redemption - S	Restricted	350,177	316,572	33,605	10.62%		
Construction - W	Restricted	700,000	-	700,000	#DIV/0!		
Depreciation - E	Restricted	88,265	88,265	-	0.00%		
Depreciation - W	Restricted	113,435	113,435	-	0.00%		
ERF - Water Plant	Designated	406,742	405,952	790	0.19%		
ERF - WWTP	Restricted	1,888,994	2,039,925	(150,932)	-7.40%		
		<u>\$ 8,716,262</u>	<u>\$ 8,891,394</u>	<u>\$ (175,131)</u>	-1.97%		
Unrestricted and Designated		<u>\$ 5,492,499</u>	<u>\$ 5,466,364</u>	<u>\$ 26,135</u>	0.48%		
	Restricted	<u>\$ 3,223,764</u>	<u>\$ 3,425,030</u>	<u>\$ (201,266)</u>	-5.88%		

Long-Term Investment by Maturity

Maturity	Investment (\$)
Cash	0
<12 mos.	1,400,000
13-24 mos.	650,000
25-36 mos.	1,100,000
37-48 mos.	550,000
49-60 mos.	200,000
>60 mos.	100,000

Long-Term Investments by Type

Investment Type	Percentage
Cash/Money Markets	0%
Certificate of Deposits	39%
Government Agencies	37%
Corporate Bonds	24%



TO: Waupun Utilities Commissioners
FROM: Steve Schramm
DATE: April 3, 2019
SUBJECT: Consumer Confidence Report

What is the Consumer Confidence Report:

- The Consumer Confidence Reports (CCR) is required by the Federal Environmental Protection Agency (EPA).
- The CCR must be prepared and distributed to all water systems customers, in order to provide information concerning water quality for the previous monitoring year. This report identifies detected contaminants, compliance with drinking water rules, and educational language, and is based on information reported to the Wisconsin Department of Natural Resources (DNR).

Summary of Consumer Confidence Results:

Waupun Utilities adheres to the highest state and federal drinking water standards. We routinely collect more samples and run more tests than are actually required by the EPA and DNR. Those test results are reflected in our Annual Drinking Water Quality Report, showing Waupun's water once again meets or exceeds all federal and state standards for health and safety.

Unless otherwise noted, results are based on testing conducted in 2018. We are pleased to report that we continue to supply high quality water that meets or exceeds all federal and state standards for health and safety. Test results are summarized on page 3 of enclosed report.

Please take the time to review, so we can discuss in-depth on Monday.



WAUPUN UTILITIES 2018 ANNUAL WATER QUALITY REPORT

The Waupun Utilities is pleased to present you with its annual Water Quality Report for 2018. This report provides a complete summary of water quality information from 2018 and also includes general information describing the city's water system, services and other activities of interest. The Waupun Utilities is committed to providing its customers with clear information describing water quality. Informed customers are strong allies.

During 2018, the Utility had no violations of maximum contaminant levels or other water quality standards.

Our Water Supply

Waupun Utilities obtains its groundwater supply from five wells ranging in depth from 611 to 921 feet. These wells penetrate the St. Peter, Prairie du Chien, Trempealeau, Franconia, Galesville, Eau Claire and Mr. Simon formations. These five wells are capable of pumping 7.7 million gallons per day.

The Utilities average day design flow is 1.2 million gallons per day based on the capacity of one iron filter and one reverse osmosis system in operation. The maximum capacity of the plant is 2.9 million gallons per day with both iron filters and both reverse osmosis systems in service.

The plant removes iron and manganese, which may cause discoloring and taste issues. Raw well water contains approximately 25 grains of hardness. The treatment plant softens water down to approximately 5 grains of hardness, requiring no in-home softening or iron removal.

In 2018 fluoride dosages from all City sample sites averaged 0.7 PPM. Water samples are routinely taken and analyzed for contaminants as required by Federal and State regulations. Unless otherwise noted, information shown in this report is for the period January 1 through December 31, 2018. This report contains many terms and abbreviations related to water quality that our customers may not be familiar with. A summary of terms, abbreviations and definitions is included in this report to help you better understand the information.

Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791), or by visiting their Office of Water website at www.epa.gov/OW.

Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the environmental protection agency's Safe Water Drinking Hotline (800-426-4791). The Waupun Utilities vigilantly tests and monitors the City's water supply to assure the end quality to consumers. Test results have detected some contaminants. The Water Quality Data Table section of this report provides information showing that all water quality criteria met or exceeded Federal and State requirements in 2018.

The EPA has determined that City of Waupun water is safe at the levels detected.

Water Quality at the Wells

Samples are taken periodically (as required by sampling schedules issued by the Wisconsin DNR) at Utility wells to monitor concentrations of several common indicators. The information shown below shows ranges of results of water samples taken directly from the Utilities five active wells, in accordance with sampling requirements and schedules provided by the DNR.

Well Contaminants

Indicator	Range of Results	Average
Alkalinity	264 – 366	300
Calcium	69 – 144	87
Chloride	2 – 135	28
Hardness	300 – 335	320
Iron	0.85 – 1.4	1.1
Magnesium	29 – 172	63
Manganese	0.02 – 0.5	0.083
pH	7.0 – 7.3	7.2

Water Quality Data Table

The Water Quality Data Table that follows lists all drinking water contaminants detected and the most recent sample date. The EPA or the DNR allows the Water Utility to monitor for certain contaminants less than once per year because concentrations of these contaminants do not change frequently.

Water Quality Data Table

Inorganic Contaminants

Contaminants (units)	MCLG	MCL	Your Water	Range Low	Range High	Sampled Date	Violation	Typical Source
Antimony (ppb)	6	6	ND	ND	ND	2017	NO	Discharge from petroleum refineries; fire retardants; ceramic; electronics; solder.
Arsenic (ppb)	0	10	ND	ND	ND	2017	NO	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics productions wastes.
Barium (ppm)	2	2	0.0797	0.0797	0.0797	2017	NO	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.

Water Quality Data Table Continued

Inorganic Contaminants

Contaminants (units)	MCLG	MCL	Your Water	Range Low	Range High	Sampled Date	Violation	Typical Source
Cadmium (ppb)	5	5	ND	ND	ND	2017	NO	Corrosion of galvanized pipes; erosion of natural deposits; discharge from metal refineries; runoff from waste batteries and paints.
Total Chromium (ppb)	100	100	ND	ND	ND	2017	NO	Discharge from steel and pulp mills; erosion of natural deposits; corrosion of household plumbing systems.
Fluoride (ppm)	4	4	0.7	.56	.85	2018	NO	Erosion of natural deposits; water additive which promotes strong teeth.
Mercury (ppb)	2	2	ND	ND	ND	2017	NO	Erosion of natural deposits; discharge of refineries and factories; runoff from landfills; runoff from cropland.
Nickel (ppb)	100	100	ND	ND	ND	2017	NO	Nickel occurs naturally in soils, groundwater and surface waters and is often used in electroplating, stainless steel and alloy products.
Nitrate Nitrogen (ppb)	10	10	.071	ND	ND	2018	NO	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits. Highest average from any individual sample site.
Nitrite Nitrogen (ppb)	1	1	ND	ND	ND	2017	NO	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits.
Selenium (ppb)	50	50	ND	ND	ND	2017	NO	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines.
Thallium (ppb)	0.5	2	ND	ND	ND	2017	NO	Leaching from ore-processing sites; discharge from electronics, glass and drug factories.

Water Quality Data Table

Unregulated Contaminants

Contaminants (units)	MCLG	MCL	Your Water	Range Low	Range High	Sampled Date	Violation	Typical Source
Bromoform (ppb)	NR	NR	ND	ND	ND	2018	NO	Range reflects highest results from monitoring sites.
Bromodichloromethane (ppb)	NR	NR	.98	.98	.98	2018	NO	Range reflects highest results from monitoring sites.
Chloroform (ppb)	NR	NR	1.2	1.2	1.2	2018	NO	Range reflects highest results from monitoring sites.
Chlorodibromomethane (ppb)	NR	NR	.19	.19	.19	2018	NO	Range reflects highest results from monitoring sites.
Sodium (ppm)	NR	NR	6.24	6.24	6.24	2017	NO	Range reflects highest results from monitoring sites.

Water Quality Data Table

Volatile Organic Contaminants

Contaminants (units)	MCLG	MCL	Your Water	Range Low	Range High	Sampled Date	Violation	Typical Source
Tetrachloroethylene (ppb)	0	5	ND	ND	ND	2018	NO	Discharge from factories and dry cleaners.
Trichloroethylene (ppb)	0	5	ND	ND	ND	2018	NO	Discharge from metal degreasing sites and other factories.
Radioactivity								
Gross Alpha (Excl R & U) (pCi/l)	0	15	2.8	2.8	2.8	2018	NO	Erosion of natural deposits.
Gross Alpha (Incl R & U) (pCi/l)	NR	NR	2.8	2.8	2.8	2018	NO	Erosion of natural deposits.
Radium (226+228) (pCi/l)	0	5	3.0	3.0	3.0	2018	NO	Erosion of natural deposits.

Water Quality Data Table

Disinfection Byproducts

Contaminants (units)	MCLG	MCL	Your Water	Range Low	Range High	Sampled Date	Violation	Typical Source
HAA5 (ppb) Haloacetic Acid	60	60	.77	.49	1.0	2018	NO	By-product of drinking water chlorination; samples from distribution system.
TTHMs (ppb) Total Trihalomethanes	0	80	6.7	6.3	7.2	2018	NO	By-product of drinking water chlorination; samples from distribution system.

Water Quality Data Table

Inorganic Contaminants

Contaminants (units)	MCLG	AL	Your Water	Samples Taken	Sampled Date	Violation	Typical Source
*Copper (ppm)	1.3	1.3	0.1550	20	2017	NO	Erosion of natural deposits; leaching; corrosion of household plumbing systems; from wood preservatives.
*Lead (ppb)	0	15	2.7	20	2017	NO	Corrosion of household plumbing systems; erosion of natural deposits.

*Sampled every three years

Water Quality Data Table

Microbiological Contaminants

Total 2018 samples from sites in the water distribution system	126
Number of coliform detects in 2018	0
Total 2018 samples from water system production wells	20
Number of coliform detects in 2018 production well samples	0

Synthetic Organic Chemicals

Source water samples taken in 2017 showed no detectable synthetic organic chemicals.

Terms and Abbreviations used in this report

- **Variances & Exemptions (V&E):** State or EPA permission not to meet an MCL or a treatment technique under certain conditions.
- **Non-Detects (ND):** Laboratory analysis indicates the constituent is not present.
- **Not-Applicable (n/a):** Limits do not apply.
- **Not-Regulated (NR):** State or EPA has not established a limit.
- **Parts per million (ppm) or Milligrams per liter (mg/l):** One part per million corresponds to one minute in two years or one penny in \$10,000.
- **Parts per billion (ppb), or Micrograms per liter (µg/l):** One part per billion corresponds to one minute in 2,000 years or one penny in \$10,000,000.
- **Picocuries per liter (pCi/l):** Picocuries per liter is a measure of the radioactivity in water.
- **Total Coliform Rule (TCR):** Refers to EPA regulations for microbiological standards.
- **Treatment Technique (TT):** A required process intended to reduce the level of a contaminant in drinking water.
- **MCLG (Maximum Contaminant Level Goal):** The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
- **MCL (Maximum Contaminant Level):** The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology. **MCLs are set at very stringent levels. To understand the possible health effects described for many regulated contaminants, a person would have to consume 2 liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.**
- ***AL (Action Level):** The concentration of a contaminant which, if exceeded, triggers a treatment or other requirement which a water system must follow. Systems exceeding a lead and/or copper action level must take actions to reduce lead and/or copper in the drinking water. The lead and copper values represent the 90th percentile of all compliance samples collected. If you want information on the number of sites or the actions taken to reduce these levels, please contact the Water Utility office.

Health Information

Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The Waupun Utilities is responsible for providing high quality drinking water but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline (800-426-4791) at www.epa.gov/safewater/lead

Radon

Radon is a radioactive gas that you can't see, taste, or smell. It is found throughout the U.S. Radon can move up through the ground and into a home through cracks and holes in the foundation. Radon can build up to high levels in all types of homes. Radon can also get into indoor air when released from tap water from showering, washing dishes, and other household activities. Compared to radon entering the home through soil, radon entering the home through tap water will in most cases be a small source of radon in indoor air. Radon is a known human carcinogen. Breathing air containing radon can lead to lung cancer. Drinking water containing radon may also cause increased risk of stomach cancer. If you are concerned about radon in your home, test the air in your home. Testing is inexpensive and easy. Fix your home if the level of radon in your air is 4 Picocuries per liter of air (pCi/L) or higher. There are simple ways to fix a radon problem that aren't too costly. For additional information, call your state radon program or call EPA's Radon Hotline (800-SOS-RADON).

Nitrates

Nitrates in drinking water at levels above 10 ppm are a health risk for infants of less than six months of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant you should ask advice from your health care provider.

Additional Lead Awareness

Which homes are most at risk of having lead in drinking water?

- Homes with lead household plumbing. This can be determined by a licensed plumber.
- Homes with copper piping and lead solder installed between 1982 and 1987. Lead-based solder was banned for use after this time.
- Homes with faucets or fittings of brass which contain some lead. Plumbing and fixtures installed before January 1, 2014 or purchased from sources outside of the United States may contain lead.

How to reduce the risk of lead in your drinking water:

- Flush your plumbing before using tap water for drinking or cooking. Flush by running the kitchen faucet on cold for a minimum of 3 minutes.
- Use only cold water for cooking and drinking. Water from the hot tap water can dissolve lead more easily than cold water. Boiling water will not reduce the amount of lead in your drinking or cooking water. In fact, boiling can concentrate the lead in water.
- Inspect your faucet aerator. The aerator on the end of your faucet is a screen that can catch debris, including particles of lead. It is recommended to periodically remove the aerator and rinse out any debris.
- Purchase a home filtration system. Home drinking water filtration systems can reduce or eliminate lead. Be sure to look for products certified by NSF/ANSI under Standard 53 for removal of lead.
- Replace your lead service line or interior plumbing. Replacement must be done by a licensed plumber under contract from the homeowner.

Please direct any questions to:

Steve Schramm
Treatment Facilities and Operations Superintendent
920-324-7920

Waupun Utilities Planning, Improvements, and Operations

Planning

- Waupun Utilities owns and maintains \$23,000,000 in assets that treat, store, and distribute water to your home or business. These assets consist of five wells, a water treatment facility, one underground reservoir, two elevated water towers, over 50 miles of distribution mains, 3,500 services, and 457 hydrants.
- It is our utmost priority to provide safe, quality water at all times. We continue to monitor for specific contaminants, and strive to meet compliance requirements.

Improvements

- Construction to the Cities Madison Street will span over 8 months. This project will consist of infrastructure improvements, which involve replacement of hydrants, water valves, and sewer manholes. A total combined main replacement of nearly 3960 feet.

Operations

- Unidirectional flushing (UDF) program to remove mineral and sediment deposits that accumulate over time in the distribution system. UDF is a process designed to move water through pipelines in one direction at a high velocity and from a single water source. This systematic, street-by-street method of flushing is labor-intensive, requiring detailed preparation, planning and execution. UDF has been shown to scour water mains more effectively than traditional flushing. This highly effective flushing program will minimize the frequency of flushing events required by WDNR. In addition, UDF will promote water conservation and improve water quality.
- By regular valve exercising we will have detailed records to ensure the operability of our distribution system. Surveying helps identify the condition and location of all our valves. Knowing the condition of the valves and having an updated GIS system helps eliminate higher costs associated with water main breaks, lost time digging up buried valves, and congested traffic due to excavating roadways.
- Leak detection surveys are conducted on the distribution system with the aid of a correlator. A water leak/break is determined by the use of a correlator to find difficult leaks that are not easily located with traditional acoustical methods. The correlator utilizes two transmitters with sensitive microphones to listen on either side of the known or unknown leak and calculates (correlates) the exact distance to the leak by use of the signal delay, the sensor distance, and the sound velocity. Correlating reduces water loss, unplanned service disruptions, and reduces O&M costs.