



OFFICIAL NOTICE AND AGENDA

Notice is hereby given that the City of Stoughton Utilities Committee will hold a special meeting on the date and at the time and location given below.

Meeting of: **CITY OF STOUGHTON UTILITIES COMMITTEE**
Date/Time: Wednesday, March 20, 2019 at 5:00 p.m.
Location: Edmund T. Malinowski Board Room, Stoughton Utilities Administration Office
600 South Fourth Street, Stoughton, Wisconsin
Members: Citizen Member Kym Ackerman, Alderperson Matt Bartlett, Citizen Member David Erdman (Chair), Alderperson Regina Hirsch, Citizen Member John Kallas (Vice-Chair), Alderperson Pat O'Connor, Mayor Tim Swadley

AGENDA:

CALL TO ORDER

CONSENT AGENDA

(All items are considered routine and will be enacted upon by one motion. There will be no separate discussion of these items unless a Stoughton Utilities Committee member so requests, in which event the item will be removed from the consent agenda and be considered on the regular agenda.)

- a. Draft Minutes of the February 18, 2019 Utilities Committee Meeting
- b. Stoughton Utilities February Payments Due List Report
- c. Stoughton Utilities January Financial Summary
- d. Stoughton Utilities January Statistical Report
- e. Stoughton Utilities February Activities Report
- f. Utilities Committee Annual Calendar
- g. Communications

OLD BUSINESS

1. Status of the Utilities Committee recommendation(s) to the Stoughton Common Council
(Discussion)

NEW BUSINESS

2. Appointment of Jill M. Weiss as Director to the WPPI Energy Board of Directors **(Action)**
3. Approval of the 2019 Water Infrastructure Reconstruction Project **(Action)**
4. Approval of the 2019 Sanitary Sewer Infrastructure Reconstruction Project **(Action)**
5. Stoughton Utilities 2018 Annual Water Consumer Confidence Report (CCR) **(Discussion)**
6. Utilities Committee future agenda item(s) **(Discussion)**

ADJOURNMENT

Notices Sent To:

Stoughton Utilities Committee Members
Stoughton Utilities Director Jill Weiss, P.E.
Stoughton Utilities Assistant Director Brian Hoops

cc: Stoughton City Attorney Matthew Dregne
Stoughton Common Council Members
Stoughton City Clerk Holly Licht
Stoughton Leadership Team
Stoughton Utilities Electric System Supervisor Bryce Sime
Stoughton Utilities Operations Superintendent Sean Grady
Stoughton Utilities Water System Supervisor Kent Thompson
Stoughton Utilities Wastewater System Supervisor Brian Erickson
Unified Newspaper Group - Stoughton Courier Hub

ATTENTION COMMITTEE MEMBERS: Two-thirds of members are needed for a quorum. The committee may only conduct business when a quorum is present. If you are unable to attend the meeting, please contact Brian Hoops via telephone at (608) 877-7412, or via email at BHoops@stoughtonutilities.com.

It is possible that members of, and possibly a quorum of members of other committees of the Common Council of the City of Stoughton may be in attendance at this meeting to gather information. No action will be taken by any such group(s) at this meeting other than the Stoughton Utilities Committee consisting of the members listed above. An expanded meeting may constitute a quorum of the Common Council.

Upon reasonable notice, efforts will be made to accommodate the needs of disabled individuals through appropriate aids and services. For information, or to request such assistance, please contact Stoughton Utilities at (608) 873-3379.

Current and past Stoughton Utilities Committee documents, including meeting notices, meeting packets, and meeting minutes, are available for public download at <http://stoughtonutilities.com/uc>.

DRAFT STOUGHTON UTILITIES COMMITTEE REGULAR MEETING MINUTES

Monday, February 18, 2019 – 5:00 p.m.

Stoughton, WI

Page No. 1

Location: Edmund T. Malinowski Board Room
Stoughton Utilities Administration Office
600 South Fourth Street
Stoughton, Wisconsin, 53589

Members Present: Citizen Member Kym Ackerman, Alderperson Matt Bartlett, Citizen Member David Erdman, Alderperson Regina Hirsch, Citizen Member John Kallas, Mayor Tim Swadley

Excused: Alderperson Pat O'Connor

Absent: None

Others Present: Stoughton Utilities Wastewater System Supervisor Brian Erickson, Stoughton Director of Finance & Comptroller Jamin Friedl, CPA, Stoughton Utilities Assistant Director Brian Hoops, Stoughton Utilities Operations Specialist Martin Seffens, Stoughton Assistant Director of Finance & City Treasurer Ryan Wiesen

Call to Order: Utilities Committee Chairperson David Erdman called the regular Stoughton Utilities Committee Meeting to order at 5:00 p.m.

Utilities Committee Consent Agenda: Stoughton Utilities staff presented and discussed the Stoughton Utilities Committee consent agenda items. Discussion followed.

Erdman thanked Assistant Utilities Director Brian Hoops for his leadership during the interim period between the retirement of former Utilities Director Robert Kardasz and the anticipated March 4, 2019 arrival of incoming Utilities Director Jill Weiss.

Motion by Hirsch, the motion seconded by Bartlett, to approve the following consent agenda items as presented:

- a. Draft Minutes of the January 14, 2019 Regular Utilities Committee Meeting
- b. Stoughton Utilities January Payments Due List Report
- c. Stoughton Utilities December 2018 Financial Summary
- d. Stoughton Utilities December 2018 Statistical Report
- e. Stoughton Utilities January 2019 Activities Report
- f. Utilities Committee Annual Calendar
- g. Communications

The motion carried unanimously 6 to 0.

Status of the Utilities Committee recommendation(s) to the Stoughton Common Council: Stoughton Utilities staff presented and discussed the following items from the Stoughton Utilities Committee that were approved and/or placed on file by the Stoughton Common Council:

1. Minutes of the November 27, 2018 Special Utilities Committee Meeting
2. Minutes of the January 7, 2019 Special Utilities Committee Meeting

DRAFT STOUGHTON UTILITIES COMMITTEE REGULAR MEETING MINUTES

Monday, February 18, 2019 – 5:00 p.m.

Stoughton, WI

Page No. 2

3. Stoughton Utilities November Payments Due List Report
4. Stoughton Utilities December Payments Due List Report
5. Stoughton Utilities October 2018 Financial Summary
6. Stoughton Utilities November 2018 Financial Summary
7. Stoughton Utilities October 2018 Statistical Report
8. Stoughton Utilities November 2018 Statistical Report

Declaration of Official Intent 2019-1: Stoughton Utilities and City of Stoughton staff presented and discussed the Declaration of Official Intent No. 2019-1, preserving the ability to borrow funds for 2019 water infrastructure projects, including but not limited to engineering, legal, construction, etc. and lead meter replacements. Discussion followed. Motion by Hirsch, the motion seconded by Kallas, to approve the Declaration of Official Intent No. 2019-1. The motion carried unanimously 6 to 0.

Bad Debt Account Write-Offs through December 31, 2018: Stoughton Utilities and City of Stoughton staff presented and discussed the Bad Debt Account Write-Offs through December 31, 2018. Discussion followed. Motion by Bartlett, the motion seconded by Ackerman, to approve the Bad Debt Account Write-offs through December 31, 2018 and recommend the approval and the adoption of the corresponding resolution to the Stoughton Common Council on February 26, 2019. The motion carried unanimously 6 to 0.

2018 Year-end financial summary discussion: Stoughton Utilities and City of Stoughton staff presented and discussed the Stoughton Utilities financial statements as of December 31, 2019, including summary highlights. Discussion on the financial statements and other financial topics followed.

Wastewater system operations and anticipated needs for future WPDES permits: Stoughton Utilities staff presented and discussed the draft Wisconsin Pollutant Discharge Elimination System (WPDES) permit expected to be issued with an April 1, 2019 effective date. Discussion on the permit and other wastewater system topics followed.

Utilities Committee future agenda items: Staff informed the committee that upcoming topics include an introduction to incoming Utilities Director Jill Weiss, presentation of the annual Water Consumer Confidence Report, a status report on Stoughton Utilities' goals and accomplishments, presentation of the 2018 financial audit report and management letter, and information regarding funding assistance programs for the replacement of privately owned lead water services, including a future ordinance mandating such replacement.

Adjournment: Motion by Hirsch, the motion seconded by Bartlett, to adjourn the regular Stoughton Utilities Committee Meeting at 5:51 p.m. The motion carried unanimously 6 to 0.

Respectfully submitted

Brian R. Hoops
Stoughton Utilities Assistant Director

Date: Monday, March 04, 2019
 Time: 01:17PM
 User: SGUNSOLUS

Stoughton Utilities

Check Register Summary - Standard

Page: 3 of 8
 Report: 03699W.rpt
 Company: 7430

Period: - As of: 3/4/2019

Check Nbr	Type	Date	Amount Paid	Vendor ID / Name	Description
001769	HC	2/27/2019	33,711.97	025 Payroll Federal Taxes- Ach	Federal Taxes-Feb Ach/Federal Taxes-Feb Ach/Federal Taxes-Feb Ach/Federal Taxes-Feb Ach/Federal Taxes-Feb Ach/Federal Taxes-Feb Ach/Federal Taxes-Feb Ach/Federal Taxes-Feb Ach/Federal Taxes-Feb Ach/More...
025003	VC	2/21/2019	-116.50	494 BRUCE ANDRE	B Andre-Solar Credit Refund/B Andre-Solar Credit Refund/B Andre-Solar Credit Refund
025186	VC	2/21/2019	-73.15	494 BRUCE ANDRE	B Andre-Customer Refund/B Andre-Customer Refund/B Andre-Customer Refund
026132	CK	2/6/2019	361.10	913 TIMOTHY THOMAS	T Thomas-Customer Refund/T Thomas-Customer Refund/T Thomas-Customer Refund/T Thomas-Customer Refund/T Thomas-Customer Refund
026133	CK	2/6/2019	700.00	939 MILESTONE SENIOR LIVING	Milestone-Customer Refund/Milestone-Customer Refund/Milestone-Customer Refund
026134	CK	2/6/2019	375.48	358 KUNZ GLOVE CO., INC.	Kunz-Gloves/Kunz-Gloves/Kunz-Gloves
026135	CK	2/6/2019	595.24	400 RESCO	Resco-Supplies/Resco-Supplies/Resco-Supplies/Resco-Supplies/Resco-Supplies/Resco-Supplies/Resco-Inventory/Resco-Inventory/Resco-Inventory
026136	CK	2/6/2019	10.00	756 ID-ACCESS	Id Access-Id Card/Id Access-Id Card/Id Access-Id Card/Id Access-Id Card/Id Access-Id Card/Id Access-Id Card/Id Access-Id Card/Id Access-Id Card
026137	CK	2/6/2019	303.47	851 DIVISION OF ENERGY HOUSING AND COMM. RESOURCE	Div Of Energy-Customer Refund/Div Of Energy-Customer Refund/Div Of Energy-Customer Refund/Div Of Energy-Customer Refund/Div Of Energy-Customer Refund
026138	CK	2/6/2019	476.77	133 WISCONSIN SCTF	WI SCTF - Support/WI SCTF - Support/WI SCTF - Support
026139	CK	2/6/2019	74.50	407 REGISTRATION FEE TRUST	Reg Fee Trust-License/Reg Fee Trust-License/Reg Fee Trust-License
026140	CK	2/6/2019	4,273.00	131 CITY OF STOUGHTON	City Stoton-Special Assess/City Stoton-Special Assess/City Stoton-Special Assess
026141	CK	2/6/2019	512.00	166 INKWORKS, INC.	Inkworks-Inserts/Inkworks-Inserts/Inkworks-Inserts

Date: Monday, March 04, 2019
 Time: 01:17PM
 User: SGUNSOLUS

Stoughton Utilities
Check Register Summary - Standard

Page: 6 of 8
 Report: 03699W.rpt
 Company: 7430

Period: - As of: 3/4/2019

Check Nbr	Type	Date	Amount Paid	Vendor ID / Name	Description
026164	CK	2/21/2019	65,578.18	131 CITY OF STOUGHTON	City Stoton-Feb Retirement/City Stoton-Feb Retirement/City Stoton-Feb Retirement/City Stoton-Stormwater/City Stoton-Stormwater/City Stoton-Stormwater/City Stoton-Feb Retirement/City Stoton-Feb Retirement/City Stoton-Feb Retirement/More...
026165	CK	2/21/2019	476.77	133 WISCONSIN SCTF	WI SCTF-Feb B Support/WI SCTF-Feb B Support/WI SCTF-Feb B Support
026166	CK	2/21/2019	585.00	548 WISCONSIN RURAL WATER ASSOC.	WRWA-Membership/WRWA-Membership/WRWA-Membership
026167	CK	2/21/2019	73.15	494 BRUCE ANDRE	B Andre-Customer Refund/B Andre-Customer Refund/B Andre-Customer Refund
026168	CK	2/21/2019	116.50	494 BRUCE ANDRE	B Andre-Solar Credit Refund/B Andre-Solar Credit Refund/B Andre-Solar Credit Refund
026169	CK	2/27/2019	6,555.00	346 SEILER INSTRUMENT & MFG. CO. INC.	Seiler-Supplies/Seiler-Supplies/Seiler-Supplies/Seiler-Supplies/Seiler-Supplies/Seiler-Supplies/Seiler-Supplies/Seiler-Supplies/Seiler-Supplies
026170	CK	2/27/2019	17,496.32	448 STRAND ASSOCIATES INC.	Strand-18 Const/Strand-18 Const/Strand-18 Const/Strand-19 Const/Strand-19 Const/Strand-19 Const/Strand-19 Const/Strand-Well 4 mcc rep/Strand-General Eng/Strand-General Eng/Strand-Well 4 mcc rep/Strand-Well 4 mcc rep/Strand-WW Extras/Strand-WW Extras/Strand-General Eng+
026171	CK	2/27/2019	7.44	650 SCOTT & ERICKA NELSON	S Nelson-Customer Refund/S Nelson-Customer Refund/S Nelson-Customer Refund
026172	CK	2/27/2019	134.10	910 CHRISTOPHER WOODCOCK	C Woodcock-Customer Refund/C Woodcock-Customer Refund/C Woodcock-Customer Refund
101780	CK	2/8/2019	7,540.40	157 FORSTER ELEC. ENG.,INC.	Forster-Scada Assist/Forster-Scada Assist/Forster-Scada Assist/Forster-Roby Rd/Forster-Roby Rd/Forster-Roby Rd/Forster-Technical Assist/Forster-Technical Assist/Forster-Technical Assist/Forster-Roundabout Rel/Forster-Roundabout Rel/More...

Date: Monday, March 04, 2019
 Time: 01:17PM
 User: SGUNSOLUS

Stoughton Utilities
Check Register Summary - Standard

Page: 8 of 8
 Report: 03699W.rpt
 Company: 7430

Period: - As of: 3/4/2019

Check Nbr	Type	Date	Amount Paid	Vendor ID / Name	Description
101793	CK	2/27/2019	6,435.00	604 CDW GOVERNMENT	CDW-UC Upgrade/CDW-UC Upgrade/CDW-UC Upgrade/CDW - Firewall Upgrade/CDW - Firewall Upgrade/CDW - Firewall Upgrade/CDW - Firewall Upgrade/CDW - Firewall Upgrade/CDW - Firewall Upgrade/CDW-UC Upgrade/CDW-UC Upgrade/CDW-UC Upgrade/More...
101794	CK	2/28/2019	2,817.00	463 GREAT-WEST	Great West-Jan B Def Comp/Great West-Jan B Def Comp/Great West-Jan B Def Comp
Company Total			1,311,598.17		

Date: Friday, February 08, 2019

Time: 09:25AM

User: SGUNSOLUS

Stoughton Utilities Posting Preview Report

Select By: {PSSPurchCard.RefNbr} = '0000000095'

Company	Account	Sub	Vendor ID	Merchant	Amount	Description	Post Date	Emp ID	Projec
Import ID: 009010		Import # : 0000000095							
7450	678	000000	626	663 STOUGHTON BUMPER TO B	7.58	Oil for payment saw	01/23/2019	8400	-
7460	834	000000	626	663 STOUGHTON BUMPER TO B	12.79	BOILER EXHAUST FAN BELT	01/14/2019	8710	-
7430	933	000000	626	663 STOUGHTON BUMPER TO B	14.59	Trailer adaptor part	01/29/2019	6960	-
7430	926	000000	281	AMARIL UNIFORM COMPANY #1	296.12	LINE DIVISION CLOTHES	01/16/2019	4000	-
7430	921	000000	422	AMAZON PRIME	13.07	MEMBERSHIP FEE	01/30/2019	4000	-
7430	593	000000	422	AMAZON.COM MB4HM5O20	268.56	LINE CREW GLOVES	01/04/2019	4100	-
7430	594	000000	422	AMAZON.COM MB62U1FQ0	10.33	LIQUID ELECTRICAL TAPE	01/04/2019	4100	-
7430	934	000000	422	AMAZON.COM MB7GP4M20	53.04	TRUCK SUPPLIES	01/18/2019	4100	-
7430	921	000000	422	AMZN MKTP US MB2R10V51	20.07	PHONE EXPANSION STANDS - RECEPTION X2	01/21/2019	5250	-
7450	921	000000	422	AMZN MKTP US MB2R10V51	7.30	PHONE EXPANSION STANDS - RECEPTION X2	01/21/2019	5250	-
7460	851	000000	422	AMZN MKTP US MB2R10V51	9.13	PHONE EXPANSION STANDS - RECEPTION X2	01/21/2019	5250	-
7430	593	000000	422	AMZN MKTP US MB2W78GH0	28.99	SAFETY SUPPLIES	01/16/2019	4100	-
7430	593	000000	422	AMZN MKTP US MB4VL7P20	44.81	SAFETY SUPPLIES	01/15/2019	4100	-
7430	593	000000	422	AMZN MKTP US MB7F61QG0	28.50	SAFETY SUPPLIES	01/24/2019	4100	-
7430	921	000000	422	AMZN MKTP US MB7T16PJ1	86.95	PHONE UPGRADES - RECEPTION EXPANSION MODULES - X2	01/16/2019	5250	-
7450	921	000000	422	AMZN MKTP US MB7T16PJ1	31.62	PHONE UPGRADES - RECEPTION EXPANSION MODULES - X2	01/16/2019	5250	-
7460	851	000000	422	AMZN MKTP US MB7T16PJ1	39.53	PHONE UPGRADES - RECEPTION EXPANSION MODULES - X2	01/16/2019	5250	-
7430	921	000000	422	AMZN MKTP US MB7VU3T40	69.05	DIGITAL SIGNAGE DISPLAY MOUNTING HARDWARE	01/11/2019	5250	-
7450	921	000000	422	AMZN MKTP US MB7VU3T40	25.11	DIGITAL SIGNAGE DISPLAY MOUNTING HARDWARE	01/11/2019	5250	-
7460	851	000000	422	AMZN MKTP US MB7VU3T40	31.39	DIGITAL SIGNAGE DISPLAY MOUNTING HARDWARE	01/11/2019	5250	-
7430	921	000000	422	AMZN MKTP US MB7W18ZC2	240.55	PHONE UPGRADES - RECEPTION - X2	01/16/2019	5250	-
7450	921	000000	422	AMZN MKTP US MB7W18ZC2	87.47	PHONE UPGRADES - RECEPTION - X2	01/16/2019	5250	-
7460	851	000000	422	AMZN MKTP US MB7W18ZC2	109.36	PHONE UPGRADES - RECEPTION - X2	01/16/2019	5250	-
7430	592	000000	422	AMZN MKTP US MB7WK7MB0	38.97	FUSES FOR SUB	01/18/2019	5200	-
7430	588	000000	422	AMZN MKTP US MB87V5EX2	655.52	MISC ELECTRIC TOOLS	01/22/2019	5200	-
7430	588	000000	422	AMZN MKTP US MB9AK5102	152.16	AMZN MKTP US MB9AK5102	01/23/2019	5200	-
7450	631	000000	108	ASLESON'S TRUE VALUE HDW	11.78	sandpaper for well maintenance.	01/04/2019	8400	-
7450	678	000000	108	ASLESON'S TRUE VALUE HDW	5.39	oil for snow blower	01/04/2019	8400	-
7450	631	000000	108	ASLESON'S TRUE VALUE HDW	9.36	Repair well pressure air line	01/25/2019	8400	-
7450	631	000000	108	ASLESON'S TRUE VALUE HDW	15.55	well 5 parts	01/07/2019	8700	-
7450	631	000000	108	ASLESON'S TRUE VALUE HDW	31.41	Well 5 supplies for project	01/10/2019	8700	-
7430	592	000000	108	ASLESON'S TRUE VALUE HDW	17.17	Bolts/washers for east sub	01/04/2019	5200	-
7430	592	000000	108	ASLESON'S TRUE VALUE HDW	10.67	East Sub maintenance work	01/17/2019	5200	-
7430	582	000000	108	ASLESON'S TRUE VALUE HDW	314.00	Rental of life for east sub	01/11/2019	6970	-
7460	833	000000	108	ASLESON'S TRUE VALUE HDW	30.06	PUMP 1001 OIL CHANGE	01/24/2019	8710	-
7460	834	000000	108	ASLESON'S TRUE VALUE HDW	40.21	PRESSURE WASHER FILTER	01/25/2019	8710	-
7460	834	000000	108	ASLESON'S TRUE VALUE HDW	17.48	HEAT LAMPS	01/29/2019	8710	-
7430	588	000000	108	ASLESON'S TRUE VALUE HDW	19.00	Chainsaw parts	01/02/2019	6960	-
7460	833	000000	390	BADGER WATER	33.80	LAB WATER	01/31/2019	8300	-
7430	594	000000	327	BORDER STATES ELECTRIC	622.15	SMU-20 FUSES	01/07/2019	4100	-
7430	597	000000	327	BORDER STATES ELECTRIC	420.05	METER SEAL	01/07/2019	4100	-
7430	586	000000	327	BORDER STATES ELECTRIC	58.80	METERING KIT	01/17/2019	4100	-

Date: Friday, February 08, 2019

Time: 09:25AM

User: SGUNSOLUS

Stoughton Utilities Posting Preview Report

Select By: {PSSPurchCard.RefNbr} = '0000000095'

Company	Account	Sub	Vendor ID	Merchant	Amount	Description	Post Date	Emp ID	Projec
7430	586	000000	327	BORDER STATES ELECTRIC	5.08	METERING KIT	01/17/2019	4100	-
7430	934	000000	994	BUBBA ROPE, LLC	197.54	TOW ROPE	01/09/2019	4100	-
7430	588	000000	994	C&L TILING, INC.	289.00	drain tile for electric services	01/30/2019	6940	-
7430	934	000000	994	CAPITAL EQUIPMENT	69.00	FORK LIFT MAINT	01/10/2019	4000	-
7430	921	000000	604	CDW GOVT #QPX1071	2,456.78	2019 DESKTOP PC REFRESH - X8	01/10/2019	5250	-
7450	921	000000	604	CDW GOVT #QPX1071	893.37	2019 DESKTOP PC REFRESH - X8	01/10/2019	5250	-
7460	851	000000	604	CDW GOVT #QPX1071	1,116.73	2019 DESKTOP PC REFRESH - X8	01/10/2019	5250	-
7430	921	000000	604	CDW GOVT #QQJ4255	1,747.00	DIGITAL SIGNAGE DISPLAY REFRESH - X9	01/11/2019	5250	-
7450	921	000000	604	CDW GOVT #QQJ4255	635.27	DIGITAL SIGNAGE DISPLAY REFRESH - X9	01/11/2019	5250	-
7460	851	000000	604	CDW GOVT #QQJ4255	794.10	DIGITAL SIGNAGE DISPLAY REFRESH - X9	01/11/2019	5250	-
7430	921	000000	604	CDW GOVT #QQR1514	403.83	DIGITAL SIGNAGE DISPLAY REFRESH AND HARDWARE - X2	01/14/2019	5250	-
7450	921	000000	604	CDW GOVT #QQR1514	146.85	DIGITAL SIGNAGE DISPLAY REFRESH AND HARDWARE - X2	01/14/2019	5250	-
7460	851	000000	604	CDW GOVT #QQR1514	182.76	DIGITAL SIGNAGE DISPLAY REFRESH AND HARDWARE - X2	01/14/2019	5250	-
7430	143	000000	604	CDW GOVT #QQR1514	623.80	DISPLAY NOT RECEIVED - TO BE CREDITED	01/14/2019	5250	-
7430	921	000000	604	CDW GOVT #QRQ1256	2,246.60	2019 MONITOR REFRESH - X24	01/17/2019	5250	-
7450	921	000000	604	CDW GOVT #QRQ1256	816.94	2019 MONITOR REFRESH - X24	01/17/2019	5250	-
7460	851	000000	604	CDW GOVT #QRQ1256	1,021.20	2019 MONITOR REFRESH - X24	01/17/2019	5250	-
7430	921	000000	604	CDW GOVT #QRV2069	284.72	MONITOR DESK MOUNTS - X2 - SOGRADY, SSGRADY	01/17/2019	5250	-
7450	921	000000	604	CDW GOVT #QRV2069	103.53	MONITOR DESK MOUNTS - X2 - SOGRADY, SSGRADY	01/17/2019	5250	-
7460	851	000000	604	CDW GOVT #QRV2069	129.43	MONITOR DESK MOUNTS - X2 - SOGRADY, SSGRADY	01/17/2019	5250	-
7430	921	000000	604	CDW GOVT #QTZ0121	18.44	CABLE TYPE CONVERTER	01/25/2019	5250	-
7450	921	000000	604	CDW GOVT #QTZ0121	6.70	CABLE TYPE CONVERTER	01/25/2019	5250	-
7460	851	000000	604	CDW GOVT #QTZ0121	8.40	CABLE TYPE CONVERTER	01/25/2019	5250	-
7430	921	000000	604	CDW GOVT #QVF6064	26.10	CABLE TYPE CONVERTER	01/28/2019	5250	-
7450	921	000000	604	CDW GOVT #QVF6064	9.49	CABLE TYPE CONVERTER	01/28/2019	5250	-
7460	851	000000	604	CDW GOVT #QVF6064	11.87	CABLE TYPE CONVERTER	01/28/2019	5250	-
7430	921	000000	604	CDW GOVT #QWF0143	343.09	DIGITAL SIGNAGE DISPLAY REFRESH - RESHIP - X1	01/30/2019	5250	-
7450	921	000000	604	CDW GOVT #QWF0143	124.76	DIGITAL SIGNAGE DISPLAY REFRESH - RESHIP - X1	01/30/2019	5250	-
7460	851	000000	604	CDW GOVT #QWF0143	155.95	DIGITAL SIGNAGE DISPLAY REFRESH - RESHIP - X1	01/30/2019	5250	-
7430	921	000000	604	CDW GOVT #QWJ9884	3,195.19	SOFTWARE LICENSING - WINDOWS 10 ENTERPRISE - X25 - ONE-TIME	01/31/2019	5250	-
7450	921	000000	604	CDW GOVT #QWJ9884	1,161.88	SOFTWARE LICENSING - WINDOWS 10 ENTERPRISE - X25 - ONE-TIME	01/31/2019	5250	-
7460	851	000000	604	CDW GOVT #QWJ9884	1,452.37	SOFTWARE LICENSING - WINDOWS 10 ENTERPRISE - X25 - ONE-TIME	01/31/2019	5250	-
7450	652	000000	994	CHEMWORLD	24.99	Chemical injection quill	01/03/2019	8700	-
7430	926	000000	809	CINTAS 446	186.26	UNIFORM CLEANING	01/21/2019	4000	-
7450	926	000000	809	CINTAS 446	35.55	UNIFORM CLEANING	01/21/2019	4000	-
7460	854	000000	809	CINTAS 446	26.31	UNIFORM CLEANING	01/21/2019	4000	-
7430	926	000000	809	CINTAS 446	186.26	UNIFORM CLEANING	01/07/2019	4000	-
7450	926	000000	809	CINTAS 446	35.55	UNIFORM CLEANING	01/07/2019	4000	-
7460	854	000000	809	CINTAS 446	26.31	UNIFORM CLEANING	01/07/2019	4000	-
7430	926	000000	809	CINTAS 446	186.26	UNIFORM CLEANING	01/14/2019	4000	-
7450	926	000000	809	CINTAS 446	35.55	UNIFORM CLEANING	01/14/2019	4000	-
7460	854	000000	809	CINTAS 446	26.31	UNIFORM CLEANING	01/14/2019	4000	-
7430	926	000000	809	CINTAS 446	98.81	UNIFORM CLEANING	01/28/2019	4000	-
7450	926	000000	809	CINTAS 446	17.74	UNIFORM CLEANING	01/28/2019	4000	-

Date: Friday, February 08, 2019

Time: 09:25AM

User: SGUNSOLUS

Stoughton Utilities Posting Preview Report

Select By: {PSSPurchCard.RefNbr} = '0000000095'

Company	Account	Sub	Vendor ID	Merchant	Amount	Description	Post Date	Emp ID	Projec
7460	854	000000	809	CINTAS 446	12.28	UNIFORM CLEANING	01/28/2019	4000	-
7430	232	001099	134	CRESCENT ELECTRIC 017	544.50	ELECTRIC INVENTORY	01/11/2019	4100	-
7460	850	000000	411	CSWEA	80.00	GOV AFFAIRS SEMINAR	01/30/2019	8200	-
7460	833	000000	028	DRAEGER MEDICAL INC	473.70	METHANE SENSOR	01/15/2019	8200	-
7460	833	000000	028	DRAEGER MEDICAL INC	-24.70	SALES TAX RETURN	01/23/2019	8200	-
7430	593	000000	994	ENGELHART, INC	83.39	CHAINSAW PARTS	01/15/2019	4100	-
7450	631	000000	148	FASTENAL COMPANY01	11.35	Concrete drill bit well 5	01/04/2019	8700	-
7450	633	000000	550	FIRST SUPPLY WFPG MAD	144.00	WELL 6 FLOW SWITCH	01/24/2019	7400	-
7430	593	000000	994	GLACIER CANYON LLC	83.48	Hotel stay for lineman graduation in Dells	01/18/2019	6980	-
7430	594	000000	994	GLACIER CANYON LLC	83.47	Hotel stay for lineman graduation in Dells	01/18/2019	6980	-
7430	593	000000	994	GLACIER CANYON LLC	50.00	lineman training WI DELLS	01/18/2019	6930	-
7430	594	000000	994	GLACIER CANYON LLC	49.99	lineman training WI DELLS	01/18/2019	6930	-
7430	920	000000	994	GLACIER CANYON LLC	82.00	Training expense - Lodging - MEUW Joint Supts	01/18/2019	5250	-
7460	833	000000	236	GRAINGER	215.18	DIGESTER PUMP OIL	01/28/2019	8200	-
7430	921	000000	153	HANSON ELECTRONICS LTD	148.00	Cell phones x2 - THarding, JMowery	01/11/2019	5250	-
7430	921	000000	153	HANSON ELECTRONICS LTD	8.79	Cable type converter	01/24/2019	5250	-
7450	921	000000	153	HANSON ELECTRONICS LTD	3.19	Cable type converter	01/24/2019	5250	-
7460	851	000000	153	HANSON ELECTRONICS LTD	4.01	Cable type converter	01/24/2019	5250	-
7450	641	000000	309	HAWKINS INC	800.13	CHEMICALS	01/25/2019	7400	-
7430	926	000000	398	HOFFMAN BOOTS	354.85	Safety boots- Adam Frederick	01/15/2019	6960	-
7450	107.14	000000	354	HYDRO DESIGNS	693.57	CROSS CONNECTIONS	01/31/2019	7400	190901XX - 1
7430	932	000000	322	IN SUNDANCE BIOCLEAN, IN	280.50	JANITORIAL	01/15/2019	4000	-
7450	932	000000	322	IN SUNDANCE BIOCLEAN, IN	102.00	JANITORIAL	01/15/2019	4000	-
7460	834	000000	322	IN SUNDANCE BIOCLEAN, IN	127.50	JANITORIAL	01/15/2019	4000	-
7430	588	000000	894	KWIK TRIP 73800007385	14.50	gas for elec dept chainsaws	01/16/2019	5200	-
7430	934	000000	184	LAKESIDE INTERNATIONAL	433.83	TRUCK 15 MAINT	01/14/2019	4000	-
7430	933	000000	184	LAKESIDE INTERNATIONAL	82.74	LAKESIDE INTERNATIONAL	01/30/2019	5400	-
7450	642	000000	818	LINCOLN CONTRACTORS SUPPL	12.05	DISCHARGE FITTING	01/10/2019	7400	-
7460	851	000000	270	MADISON NEWSPAPERS	156.00	PAPER SUBSCRIPTION	01/16/2019	8200	-
7460	827	000000	994	MAGID GLOVE SAFETY	154.00	LATEX GLOVES	01/16/2019	8200	-
7450	346	000000	165	MIDWEST METER	2,446.95	ONE 3 INCH METER	01/03/2019	7400	-
7430	932	000000	331	MONONA PLUMBING	96.25	SPRINKLER INSPECTION	01/14/2019	4100	-
7450	932	000000	331	MONONA PLUMBING	35.00	SPRINKLER INSPECTOIN	01/14/2019	4100	-
7460	834	000000	331	MONONA PLUMBING	43.75	SPRINKLER INSPECTION	01/14/2019	4100	-
7430	921	000000	836	MSFT E040078XAA	31.90	SOFTWARE LICENSING - HOSTED SKYPE FOR BUSINESS - MONTHLY	01/03/2019	5250	-
7450	921	000000	836	MSFT E040078XAA	11.60	SOFTWARE LICENSING - HOSTED SKYPE FOR BUSINESS - MONTHLY	01/03/2019	5250	-
7460	851	000000	836	MSFT E040078XAA	14.50	SOFTWARE LICENSING - HOSTED SKYPE FOR BUSINESS - MONTHLY	01/03/2019	5250	-
7460	833	000000	830	NCL OF WISCONSIN INC	405.49	LAB SUPPLIES	01/16/2019	8300	-
7460	833	000000	830	NCL OF WISCONSIN INC	65.30	LAB SUPPLIES	01/16/2019	8300	-
7460	833	000000	974	NORTHERN LAKE SERVICE, IN	48.00	WASTEWATER SAMPLING	01/07/2019	8300	-
7450	642	000000	974	NORTHERN LAKE SERVICE, IN	64.00	NITRATE SAMPLES	01/17/2019	7400	-
7460	831	000000	775	NORTHERN TOOL + EQUIP	158.23	WINCH AND HITCH	01/14/2019	8200	-
7460	831	000000	775	NORTHERN TOOL + EQUIP	-8.25	SALES TAX RETURN	01/14/2019	8200	-
7430	903	000000	419	PAYFLOW/PAYPAL	56.62	Credit card processing - Online MyAccount	01/03/2019	5250	-

Date: Friday, February 08, 2019

Time: 09:25AM

User: SGUNSOLUS

Stoughton Utilities Posting Preview Report

Select By: {PSSPurchCard.RefNbr} = '0000000095'

Company	Account	Sub	Vendor ID	Merchant	Amount	Description	Post Date	Emp ID	Projec
7450	903	000000	419	PAYFLOW/PAYPAL	20.38	Credit card processing - Online MyAccount	01/03/2019	5250	-
7460	840	000000	419	PAYFLOW/PAYPAL	27.18	Credit card processing - Online MyAccount	01/03/2019	5250	-
7430	233	001099	419	PAYFLOW/PAYPAL	9.07	Credit card processing - Online MyAccount	01/03/2019	5250	-
7430	903	000000	419	PAYFLOW/PAYPAL	40.22	Credit card processing - Desktop and Recurring	01/03/2019	5250	-
7450	903	000000	419	PAYFLOW/PAYPAL	14.48	Credit card processing - Desktop and Recurring	01/03/2019	5250	-
7460	840	000000	419	PAYFLOW/PAYPAL	19.30	Credit card processing - Desktop and Recurring	01/03/2019	5250	-
7430	233	001099	419	PAYFLOW/PAYPAL	6.45	Credit card processing - Desktop and Recurring	01/03/2019	5250	-
7430	920	000000	262	PICK N SAVE #390	1.91	Meeting expense - Utilities Committee	01/15/2019	3680	-
7450	920	000000	262	PICK N SAVE #390	0.69	Meeting expense - Utilities Committee	01/15/2019	3680	-
7460	850	000000	262	PICK N SAVE #390	0.89	Meeting expense - Utilities Committee	01/15/2019	3680	-
7450	631	000000	748	SHERWIN WILLIAMS 703833	262.68	paint for well floor	01/11/2019	8400	-
7430	593	000000	994	SLATE ROCK SAFETY	77.46	FR GEAR	01/08/2019	6970	-
7430	594	000000	994	SLATE ROCK SAFETY	77.46	FR GEAR	01/08/2019	6970	-
7430	921	000000	352	STAPLS7210758415000001	156.85	GENERAL OFFICE SUPPLIES	01/07/2019	3680	-
7450	921	000000	352	STAPLS7210758415000001	56.46	GENERAL OFFICE SUPPLIES	01/07/2019	3680	-
7460	851	000000	352	STAPLS7210758415000001	75.29	GENERAL OFFICE SUPPLIES	01/07/2019	3680	-
7430	233	001099	352	STAPLS7210758415000001	25.11	GENERAL OFFICE SUPPLIES	01/07/2019	3680	-
7430	921	000000	352	STAPLS7210758596000001	67.65	KITCHEN AND MEETING SUPPLIES	01/07/2019	3680	-
7450	921	000000	352	STAPLS7210758596000001	24.60	KITCHEN AND MEETING SUPPLIES	01/07/2019	3680	-
7460	851	000000	352	STAPLS7210758596000001	30.76	KITCHEN AND MEETING SUPPLIES	01/07/2019	3680	-
7430	926	000000	994	STEELTOESHoesCOM	200.44	SAFETY BOOTS	01/16/2019	4000	-
7430	926	000000	994	STEELTOESHoesCOM	31.65	SAFETY SHOES	01/22/2019	4000	-
7460	833	000000	436	STOUGHTON LUMBER CO	25.99	HEAT GUN	01/10/2019	8200	-
7450	631	000000	436	STOUGHTON LUMBER CO	17.99	Well 5 grates	01/07/2019	8700	-
7460	833	000000	436	STOUGHTON LUMBER CO	4.93	STOUGHTON LUMBER CO	01/10/2019	8700	-
7450	631	000000	436	STOUGHTON LUMBER CO	18.99	well repair parts	01/16/2019	8700	-
7430	934	000000	172	TEREX SERVICES	922.36	TRUCK 5 ANNUAL MAINT	01/24/2019	4000	-
7430	934	000000	172	TEREX SERVICES	809.51	TRUCK 15 INSPECTION	01/14/2019	4000	-
7450	933	000000	994	TRACTOR SUPPLY #2236	15.54	propane for forklift	01/24/2019	5275	-
7450	642	000000	824	UPS 1ZG194WT0309558439	10.22	SHIPPING OF WATER SAMPLES FOR TESTING	01/25/2019	3680	-
7450	642	000000	824	UPS 1ZG194WT0314909228	10.22	SHIPPING OF WATER SAMPLES FOR TESTING	01/11/2019	3680	-
7450	642	000000	824	UPS 1ZG194WT0320338315	10.22	SHIPPING OF WATER SAMPLES FOR TESTING	01/17/2019	3680	-
7450	642	000000	824	UPS 1ZG194WT0334145506	10.22	SHIPPING OF WATER SAMPLES FOR TESTING	01/10/2019	3680	-
7450	652	000000	571	USA BLUE BOOK	261.33	Supplies for water chemicals	01/17/2019	8700	-
7450	652	000000	571	USA BLUE BOOK	300.20	Foot Valve	01/24/2019	8700	-
7450	652	000000	571	USA BLUE BOOK	45.79	foot valve	01/30/2019	8700	-
7450	652	000000	571	USA BLUE BOOK	60.69	Water chemicals supplies	01/10/2019	8700	-
7450	652	000000	571	USA BLUE BOOK	62.56	Reagent for fluoride testing	01/30/2019	8400	-
7460	827	000000	507	WAL-MART #1176	159.00	FRIDGE FOR LAB SUPPLIES	01/18/2019	8200	-
7430	232	001099	521	WESCO - # 7855	267.47	ELECTRIC INVENTORY	01/24/2019	4100	-
7430	920	000000	819	WI LAND INFO ASSN	250.25	Training Expense - WLIA Annual Conference - Registration	01/17/2019	4300	-
7450	920	000000	819	WI LAND INFO ASSN	91.00	Training Expense - WLIA Annual Conference - Registration	01/17/2019	4300	-
7460	850	000000	819	WI LAND INFO ASSN	113.75	Training Expense - WLIA Annual Conference - Registration	01/17/2019	4300	-
7450	642	000000	675	WI STATE HYGIENE LAB	25.00	FLOURIDE TESTING	01/04/2019	7400	-

Date: Friday, February 08, 2019

Time: 09:25AM

User: SGUNSOLUS

Stoughton Utilities Posting Preview Report

Select By: {PSSPurchCard.RefNbr} = '0000000095'

Company	Account	Sub	Vendor ID	Merchant	Amount	Description	Post Date	Emp ID	Projec
7460	831	000000	548	WWOA	45.00	WWOA	01/09/2019	5275	-
7430	921	000000	155	ZOHO CORPORATION	1,824.07	Software licensing - ManageEngine AD Audit - Annual	01/07/2019	5250	-
7450	921	000000	155	ZOHO CORPORATION	663.30	Software licensing - ManageEngine AD Audit - Annual	01/07/2019	5250	-
7460	851	000000	155	ZOHO CORPORATION	829.13	Software licensing - ManageEngine AD Audit - Annual	01/07/2019	5250	-
Total:					42,418.46				

Stoughton Utilities

Financial Summary

January 2019 YTD

Highlights/Concerns

I have no concerns with the utility's financial status. The following items are meant to illustrate significant changes in the financial summary from the prior-YTD period.

Overall Summary:

January 2019 net income is coming in slightly lower than January 2018, but it is still too early in the year to draw major conclusions. Lower electric net income led the trend.

Electric Summary:

Operating revenues were 8.7% lower than January 2018 but were partly offset by lower purchase power costs. The net change in operating income was a decrease of \$46,000.

Estimated depreciation is up 6.9% due to the increase plant investment in 2018 with the West substation project.

The rate of return is currently 0.08% compared to 0.73% at this point in time in 2018. Unrestricted cash balances are \$5.1 million (4.3 months of sales).

Water Summary:

Operating revenues were up \$20,000, or 11.7%, from prior YTD due to 3.7 million, or 10.2%, more gallons being sold. Operating expenses were up 11% or \$9,300. However, \$4,200 was from a one-time special assessment and the rest may be due to timing of expenses from year-to-year.

The rate of return is currently 0.24% compared to 0.26% at this point in time in 2018. Unrestricted cash balances are \$0.2 million (1.3 months of sales).

Wastewater Summary:

Operating revenue for January 2019 was \$177,840 and expenses were \$148,179. This is close to the prior year. Non-operating revenue is up \$10,000 from prior YTD, but this is due to the reversal of mark-to-market of investments in 2018.

Unrestricted cash balances are \$1.4 million (8.5 months of sales).

Submitted by:
Ryan Wiesen

STOUGHTON UTILITIES

Balance Sheets

As of January 31, 2019

	<u>Electric</u>	<u>Water</u>	<u>Wastewater</u>	<u>Combined</u>
Assets				
Cash & Investments	\$ 6,736,412	\$ 1,313,537	\$ 3,010,794	\$ 11,060,743
Customer A/R	1,471,564	239,278	199,230	1,910,072
Other A/R	44,472	152	4	44,628
Other Assets	1,164,972	339,754	240,947	1,745,673
Plant in Service	29,925,222	15,857,480	30,645,996	76,428,699
Accumulated Depreciation	(13,822,812)	(5,400,993)	(11,864,800)	(31,088,605)
Plant in Service - CIAC	3,695,784	7,962,587	-	11,658,371
Accumulated Depreciation-CIAC	(1,843,529)	(2,226,591)	-	(4,070,121)
Construction Work in Progress	95,210	31,405	63,037	189,653
GASB 68 Deferred Outflow	584,707	199,447	221,465	1,005,619
Total Assets	<u>\$ 28,052,002</u>	<u>\$ 18,316,056</u>	<u>\$ 22,516,674</u>	<u>\$ 68,884,733</u>
Liabilities + Net Assets				
Accounts Payable	\$ 122,460	\$ 64,911	\$ 45,194	\$ 232,565
Payable to City of Stoughton	519,222	459,851	-	979,073
Interest Accrued	37,712	12,752	29,464	79,928
Other Liabilities	398,772	76,251	94,779	569,802
Long-Term Debt	5,121,552	2,697,313	4,568,264	12,387,129
Net Assets	21,218,459	14,789,586	17,549,083	53,557,128
GASB 68 Deferred Inflow	633,826	215,392	229,890	1,079,108
Total Liabilities + Net Assets	<u>\$ 28,052,002</u>	<u>\$ 18,316,056</u>	<u>\$ 22,516,674</u>	<u>\$ 68,884,733</u>

STOUGHTON UTILITIES

Year-to-Date Combined Income Statement

January 2019

	Electric	Water	Wastewater	Total
<i>Operating Revenue:</i>				
Sales	\$ 1,180,778	\$ 186,494	\$ 160,389	\$ 1,527,662
Other	1,010	5,324	17,450	23,784
<i>Total Operating Revenue:</i>	\$ 1,181,788	\$ 191,818	\$ 177,840	\$ 1,551,446
<i>Operating Expense:</i>				
Purchased Power	873,771	-	-	873,771
Expenses (Including Taxes)	158,184	87,835	76,512	322,531
PILOT	38,333	36,500	-	74,833
Depreciation	99,150	42,397	71,667	213,214
<i>Total Operating Expense:</i>	\$ 1,169,438	\$ 166,732	\$ 148,179	\$ 1,484,349
<i>Operating Income</i>	\$ 12,350	\$ 25,086	\$ 29,660	\$ 67,097
Non-Operating Income	200,265	17,815	39,561	257,641
Non-Operating Expense	(11,963)	(3,833)	(9,250)	(25,046)
<i>Net Income</i>	\$ 200,652	\$ 39,068	\$ 59,971	\$ 299,691

STOUGHTON UTILITIES

Year-to-Date Combined Income Statement

January 2018

	Electric	Water	Wastewater	Total
<i>Operating Revenue:</i>				
Sales	\$ 1,248,505	\$ 166,074	\$ 164,893	\$ 1,579,472
Other	46,521	5,638	8,448	60,607
<i>Total Operating Revenue:</i>	\$ 1,295,026	\$ 171,712	\$ 173,341	\$ 1,640,078
<i>Operating Expense:</i>				
Purchased Power	939,897	-	-	939,897
Expenses (Including Taxes)	166,181	78,515	72,988	317,684
PILOT	37,333	36,500	-	73,833
Depreciation	92,758	41,100	70,583	204,441
<i>Total Operating Expense:</i>	\$ 1,236,169	\$ 156,115	\$ 143,571	\$ 1,535,855
<i>Operating Income</i>	\$ 58,856	\$ 15,597	\$ 29,770	\$ 104,223
Non-Operating Income	206,781	14,356	29,197	250,335
Non-Operating Expense	(12,971)	(4,258)	(10,225)	(27,454)
<i>Net Income</i>	\$ 252,666	\$ 25,695	\$ 48,742	\$ 327,103

STOUGHTON UTILITIES

Rate of Return

Year-to-Date January 2019

	Electric	Water
Operating Income (Regulatory)	\$ 12,350	\$ 25,086
Average Utility Plant in Service	28,538,417	15,653,358
Average Accumulated Depreciation	(13,604,278)	(5,226,468)
Average Materials and Supplies	192,624	39,753
Average Regulatory Liability	(110,804)	(171,144)
Average Customer Advances	(56,351)	-
Average Net Rate Base	\$ 14,959,608	\$ 10,295,498
January 2019 Rate of Return	0.08%	0.24%
January 2018 Rate of Return	0.73%	0.26%
December 2018 Rate of Return	4.99%	3.91%
Authorized Rate of Return	5.00%	5.00%

STOUGHTON UTILITIES
Cash and Investments Summary
As of January 31, 2019

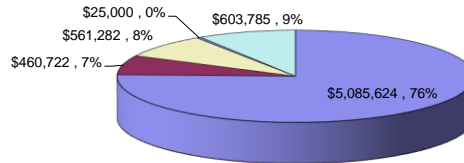
Electric

January 2019

Unrestricted (4.3 months sales)	\$	5,085,624
Bond Reserve	\$	460,722
Redemption Fund (P&I)	\$	561,282
Depreciation	\$	25,000
Designated	\$	603,785
Total	\$	6,736,413

Electric Cash - January 2019

■ Unrestricted (4.3 months sales) ■ Bond Reserve ■ Redemption Fund (P&I) ■ Depreciation ■ Designated



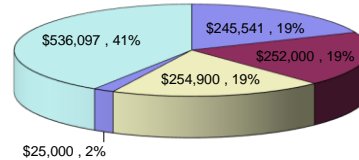
Water

January 2019

Unrestricted (1.3 months sales)	\$	245,541
Bond Reserve	\$	252,000
Redemption Fund (P&I)	\$	254,900
Depreciation	\$	25,000
Designated	\$	536,097
Total	\$	1,313,538

Water Cash - January 2019

■ Unrestricted (1.3 months sales) ■ Bond Reserve ■ Redemption Fund (P&I) ■ Depreciation ■ Designated



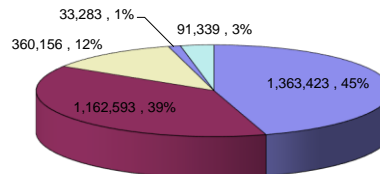
Wastewater

January 2019

Unrestricted (8.5 months sales)		1,363,423
DNR Replacement		1,162,593
Redemption Fund (P&I)		360,156
Depreciation		33,283
Designated		91,339
Total		3,010,794

Wastewater Cash - January 2019

■ Unrestricted (8.5 months sales) ■ DNR Replacement ■ Redemption Fund (P&I) ■ Depreciation ■ Designated



STOUGHTON UTILITIES
2019 Statistical Worksheet

Electric	Total Sales 2018 kWh	Total kWh Purchased 2018	Total Sales 2019 kWh	Total kWh Purchased 2019	Demand Peak 2018	Demand Peak 2019
January	12,609,523	13,204,183	12,736,210	13,363,141	24,195	26,165
February						
March						
April						
May						
June						
July						
August						
September						
October						
November						
December						
TOTAL	12,609,523	13,204,183	12,736,210	13,363,141		

Water	Total Sales 2018 Gallons	Total Gallons Pumped 2018	Total Sales 2019 Gallons	Total Gallons Pumped 2019	Max Daily High 2018	Max Daily Highs 2019
January	35,560,000	44,660,000	36,100,000	39,813,000	1,668,000	1,466,000
February						
March						
April						
May						
June						
July						
August						
September						
October						
November						
December						
TOTAL	35,560,000	44,660,000	36,100,000	39,813,000		

Wastewater	Total Sales 2018 Gallons	Total Treated Gallons 2018	Total Sales 2019 Gallons	Total Treated Gallons 2019	Precipitation 2018	Precipitation 2019
January	25,668,000	31,460,000	24,548,000	36,827,000	2.15	3.10
February						
March						
April						
May						
June						
July						
August						
September						
October						
November						
December						
TOTAL	25,668,000	31,460,000	24,548,000	36,827,000	2.15	3.10

STOUGHTON UTILITIES
2019 Statistical Worksheet

Electric	Total Sales 2018 kWh	Total kWh Purchased 2018	Total Sales 2019 kWh	Total kWh Purchased 2019	Demand Peak 2018	Demand Peak 2019
January	12,609,523	13,204,183	12,736,210	13,363,141	24,195	26,165
February						
March						
April						
May						
June						
July						
August						
September						
October						
November						
December						
TOTAL	12,609,523	13,204,183	12,736,210	13,363,141		

Water	Total Sales 2018 Gallons	Total Gallons Pumped 2018	Total Sales 2019 Gallons	Total Gallons Pumped 2019	Max Daily High 2018	Max Daily Highs 2019
January	35,560,000	44,660,000	36,100,000	39,813,000	1,668,000	1,466,000
February						
March						
April						
May						
June						
July						
August						
September						
October						
November						
December						
TOTAL	35,560,000	44,660,000	36,100,000	39,813,000		

Wastewater	Total Sales 2018 Gallons	Total Treated Gallons 2018	Total Sales 2019 Gallons	Total Treated Gallons 2019	Precipitation 2018	Precipitation 2019
January	25,668,000	31,460,000	24,548,000	36,827,000	2.15	3.10
February						
March						
April						
May						
June						
July						
August						
September						
October						
November						
December						
TOTAL	25,668,000	31,460,000	24,548,000	36,827,000	2.15	3.10



Stoughton Utilities Activities Report February 2019

Technical Operations Division

Brian R. Hoops
Assistant Utilities Director

Customer Payments: Staff processed 8,421 payments totaling \$1.56 million, including 1,400 checks, 1,598 lockbox payments, 1,122 credit cards, 1,367 *My Account* online payments, 2,097 automated bank withdrawals, 715 direct bank payments, and over \$9,000 in cash.

Delinquent Collections: As of February 1, there were 1,994 active accounts carrying delinquent balances totaling \$341,570, and 85 final-billed accounts carrying delinquent balances totaling \$11,900. Of the total amount delinquent, \$98,700 was 30 or more days past due.

- Throughout the month of February, we mailed out 10-day notices of pending disconnection to 161 delinquent commercial (electric or water services) and residential customers (water or wastewater services). All residential customers receiving notices were at least two months and \$350 delinquent. An additional 511 past-due notices were mailed to residential customers that have only electric service.
- Two commercial electric services were disconnected due to severely delinquent balances. No residential water services were disconnected due to the large amount of ice and snow in the street terraces where the curb shut off valves are located.

We ended the month of January with \$108,900 remaining 30 or more days past-due. For comparison, 30+ day delinquencies are 13% higher than this time last year (\$94,500).

Energy Assistance: During the month of February, energy assistance (EA) payments totaling \$5,500 were received from the State of Wisconsin Public Benefits Program and applied to 23 customer accounts to assist these customers with their seasonal home heating expenses.

The Public Benefits Program will continue accepting customer applications for seasonal assistance on for the 2018-19 heating season through May 1. Crisis funding also remains available to eligible customers.

Geographic Information System (GIS) Projects: GIS Analyst Lou Rada and Assistant Director Brian Hoops spent a considerable amount of time working with ESRI Technical Support to find a resolution to an issue that has resulted in a support ticket remaining open since November 2018. The issue is currently preventing SU from publishing any new or revised mapping services to our online system for mobile staff use. SU has worked with at three ESRI Technical Analysts on the issue, and has also completely rebuilt our GIS Server environment from the ground up, but the problem persists.

Miscellaneous mapping and reporting projects, as well as mapped infrastructure updates, continued as scheduled throughout the month.

Information Technology Projects: Two IT projects that began in 2018 reached substantial completion in February. Our edge firewall was upgraded to provide enhanced cybersecurity protection, including threat analysis detection, geolocation blocking, and an integrated intrusion prevention system (IPS). This firewall will also be utilized to provide enhanced internal network segmentation of our critical electric and water SCADA networks, and will work in concert with our web security gateway and internal intrusion detection system (IDS). This project has been separated into three phases, all planned to be completed in winter

and early spring. Phase one was the initial cutover to the new system, which was completed. Phase two is implementation of threat analysis and IPS, scheduled for mid-March.

Also reaching substantial completion was our phone system backend upgrade. As part of this project, all backend hardware is being upgraded to current equipment and standards, and our customer service call queuing and routing systems will be improved, especially during large outage events. The cutover to the new system occurred in late February without any major issues.

Other ongoing IT projects include SCADA and employee workstation operating system upgrades from Windows 7 and 8.1 to Windows 10 Enterprise, Microsoft Office upgrades from version 2013 to 2019, and the upgrade of backend monitoring software to current versions.

Lineman Appreciation Day Coloring Contest: To celebrate National Lineworker Appreciation Day on April 18, Stoughton Utilities will be offering a coloring contest for children that live within SU's service territory. The coloring contest runs now through April 12 to raise awareness of Stoughton Utilities and the Electric Lineworker profession. Children ages 4-12 are eligible and winners will be split by age. Submissions will be displayed in the utility lobby when received. Prizes for the contest are funded through the WPPI Energy Value of Public Power fund.

Public Service Commission Billing Audit: Stoughton Utilities was notified by the Wisconsin Public Service Commission (WPSC) in early February that we have been selected to receive a billing audit for the electric utility. The intent of this audit is to assist utilities in ensuring that proper billing procedures are in place so that customers' bills are accurate and consistent with Wisconsin statutes and the Wisconsin Administrative Code requirements.

The first data request from the PSC included requests for information about 28 billing policies, including written descriptions and documentation. SU was given two weeks by the WPSC to complete the request. Billing & Metering Specialist Erin Goldade has been working to compile the requested information and documentation, and will be working with the Assistant Director to provide descriptions for the requests that are not yet documented. Submittal of our responses to the first data request will occur in early March.

The WPSC's goal is to complete these audits for all electric and gas utilities in Wisconsin on a regular recurring basis. Stoughton Utilities will be one of several utilities undergoing this audit this year.

Training and Meetings: Assistant Director Brian Hoops participated in meetings of the Utilities Committee, Stoughton City Council, and Risk Management Committee. He also attended the 2019 American Public Power Association (APPA) Legislative Rally held in Washington D.C., including meetings with Congressman Pocan and Senators Baldwin and Johnson. Numerous legislative topics that have a direct impact on Stoughton Utilities and other public power communities, including bills currently under consideration in Congress, were discussed with our elected officials and their staff. Topics included tax exempt financing, legislative support for continued growth of the electric vehicle market, regulation of future 5G wireless infrastructure, cyber security, and more.

Collections Technician Carol Cushing participated in a full day training sessions on managing customer deposits and deferred payment agreements (DPAs) from within the Northstar CIS, held at WPPI Energy.

GIS Analyst Lou Rada attended a two-day training course provided by ESRI on the topic of migrating to their new ArcGIS Pro desktop environment. This course was provided via webinar. Lou also attended the Wisconsin Land Information Association (WLIA) Annual Conference, held in Appleton, where numerous topics related to GIS technology and mapping were discussed.

Electric Division

Bryce A. Sime
Electric System Supervisor

Overhead Line Clearance: Tree trimming along the overhead primary lines in the urban service territory continues, with lineworkers focusing on the east side of the city. Trimming within the city will continue throughout the winter and early spring. Affected customers are notified in advance of any planned trimming.

We have contracted out the line clearance work that is required throughout our rural service territory. Our tree trimming contractor will be working in various locations through early spring.

Winter Storm Power Outages: We experienced a significant freezing rain and ice event over a weekend in late February that resulted in several power outages. The largest outage was caused when ice caused a tree branch to fall onto the overhead power lines, and on-call staff was dispatched. A lineman for another local utility was one of the affected customers, and assisted our linemen by patrolling the line to find the location of the branch prior to the arrival of the on-call lineworker. This saved SU staff a considerable amount of time, and resulted in service being restored to customers in under an hour. This lineman has assisted us in the same way in the past following outages.

Water Division

Kent F. Thompson
Water System Supervisor

2019 Water System Reconstruction Projects: Bids have been received for this year's reconstruction projects. Bids for the base scope of work came in near the budgeted amount, however a bid alternative that was added to complete work in one adjacent block raised the total bid over budget. Staff is reviewing the project and considering whether or not to include the bid alternative in the approved project.

2019 Street Pulverization Project: Information has been received for the street pulverization project that the city plans to complete this year. Numerous valve boxes will need to be adjusted or replaced to accommodate the project. We are discussing whether to complete this work prior to the project using SU staff, or to have the pulverization contractor complete the work as part of their project.

2020 DOT Main Street Project: Staff has been reviewing the plans for the 2020 DOT Main Street Project. Numerous valve boxes will need to be adjusted or replaced to accommodate the project. We are discussing whether to complete this work prior to the project using SU staff, or to have the DOT's contractor complete the work as part of their project.

Annual Water Supply Cross Connection Summary Report: Each year the Wisconsin Department of Natural Resources (WDNR) requires us to provide a report detailing how many water supply cross connection inspections were performed across each customer classification. Inspections of our residential customers are completed by our Operations Specialist Marty Seffens, who performed 280 inspections in 2018. The inspections of our commercial and industrial customers are performed by an outside contractor, with 74 inspections completed.

Drinking Water Consumer Confidence Report: Stoughton Utilities issues an annual report describing the quality of the community's drinking water. We began working on the 2018 Consumer Confidence Report (CCR) in February. We are proud to report that Stoughton's drinking water meets or surpasses all federal and local standards set for quality and safety under the Safe Drinking Water Act.

The final report will be distributed to consumers in April.

Snow Removal: With all the snow that was received throughout the month, water operators spent a considerable amount of time removing snow at the Utilities Administration Building, Wastewater Treatment Facility, four production wells, two water towers, and four electric substations. Water operators complete the plowing of drives and parking lots, and clear and salt the sidewalks

Well No. 7 Fluoride Scale: The scale that weighs the amount of fluoride used during operations at Well No. 7 has been experiencing mechanical problems. Operators worked with the scale distributor to order and install a replacement. Since the scale has been replaced, operators no longer have to take daily volume measurements of the usage to calculate the fluoride dosage, and our SCADA is accurately reporting the data.

Wastewater Division

Brian G. Erickson
Stoughton Utilities Wastewater System Supervisor

The wastewater treatment facility processed an average daily flow of 1.220 million gallons with a monthly total of 32.942 million gallons. The total precipitation for the month was 3.19 inches.

2019 Sewer Projects: Staff has been working with our consulting engineers to review the 2019 Sanitary Sewer Reconstruction Project, and analyze the bid results. The low bid was over the budgeted amount due to changes in project scope and design.

Air Emissions Report: I have been working with the Department of Natural Resources to provide the annual reporting and complete the new permitting forms for the plant's air emissions.

Eighth Street Lift Station: A high volume of rags and wipes continue to enter the sanitary sewer collection system from an apartment complex located at the end of Eighth Street. As a result, we continue to experience issues with the pump at the nearby lift station, and staff has been dealing with pump failures and the required cleaning to restore operations. I have reached out to the apartment complex's management company and again requested that they continue to work with their tenants to immediately prevent the disposal of these items into the sanitary sewer system.

Plant Maintenance: Staff continues to perform maintenance and repair work on miscellaneous equipment throughout the plant.

Reissuance of WPDES Permit: We have been informed by the Department of Natural Resources that our revised WPDES Permit will not be issued until after July 1 of this year. In the meantime, we continue to follow the guidelines set forth in our prior WPDES permit.

Sludge Heat exchanger: We have been experiencing issues with the blower system on our sludge heat exchange. Operators removed the blower from the equipment and made modifications to resolve the ongoing issues.

Staffing: We have been operating without one wastewater operator since the start of the year due to a planned surgery and the required recovery period. We look forward to welcoming this operator back in mid-March.

Whole Effluent Toxicity Testing: Advanced Certified Wastewater Operator & Laboratory Technician Phil Linnerud performed our annual toxicity test. The results of the test will be provided to us in early March. If the facility passes the test, the next scheduled testing will occur in the second quarter of 2020.

Energy Services Section of the Planning Division

Cory Neeley
Stoughton Utilities and WPPI Energy Services Representative (ESR)

Office of Energy Innovation Grant: The mayor and I met with staff from Slipstream to discuss the Innovation Grant that was recently awarded to Stoughton and other area municipalities, and our next steps. The grant participants will be continuing to meet as the project continues.

Presentation to Wisconsin Public Utility Institute: I spoke at a WPUI event and discussed the current collaborative efforts between Stoughton Utilities and the City of Stoughton.

Property Assessed Clean Energy (PACE) Lending: I have spoken with a local bank about the possibility of working together to provide PACE lending to customers in Stoughton that are interested

in completing energy efficiency projects. As the concept develops further, we are considering providing a presentation at an upcoming Chamber of Commerce event.

Stoughton Area School District: The School district is currently evaluating several lighting upgrade projects, and has reached out to have me assist them in reviewing the proposals that they have received.

Safety Services Section of the Planning Division

Andrew Paulson

Stoughton Utilities and Municipal Electric Utilities of Wisconsin Regional Safety Coordinator

ACCOMPLISHMENTS

1. Training

- a. Rescheduled for March

2. Audits/Inspections

- a. Field Inspection – Water – Installing hoses in wells
- b. Utility Walkthrough – General Inspection
- c. WWTP Walkthrough – General Inspection
- d. Well Inspections
- e. Water Tower Inspections
- f. Hearing PPE
- g. General PPE

3. Compliance/Risk Management

- a. SPCC Plan Updated
- b. APPA Safety Award Application
- c. Audiograms completed for all employees
- d. Reviewed Hearing Conservation written programs
- e. Reviewed Personal Protective Equipment written program

GOALS AND OBJECTIVES

1. Training

- a. Personal Protective Equipment
- b. Hearing Conservation
- c. Workzone Safety

2. Audits/Inspections

- a. Field inspections
- b. Utility walkthrough
- c. WWTP walkthrough
- d. Wells
- e. Water towers
- f. AEDs
- g. Fire extinguishers

3. Compliance/Risk Management

- a. Complete SPCC Plan updates
- b. Review Emergency Action Plan written program
- c. MEUW Excellence in Safety Award

Regional Safety Coordinator was at Stoughton Utilities on February 5th, 20th, and 26th.

Please visit our website at www.stoughtonutilities.com to view current events, follow project schedules, view Utilities Committee meeting notices, packets and minutes, review our energy conservation programs, or to learn more about your Stoughton Utilities electric, water, and wastewater services. You can also view your current and past billing statements, update your payment and billing preferences, enroll in optional account programs, and make an online payment using *My Account* online.



Stoughton Utilities

600 South Fourth Street
P.O. Box 383
Stoughton, WI 53589-0383

Serving Electric, Water & Wastewater Since 1886

Date: March 12, 2018
To: Stoughton Utilities Committee
From: Jill M. Weiss, P.E.
Stoughton Utilities Director
Subject: Stoughton Utilities Committee Annual Calendar

The following calendar is provided for information and discussion. Common organization acronyms used are:

APPA	American Public Power Association
AWWA	American Waterworks Association
MEUW	Municipal Electric Utilities of Wisconsin
WIAWWA	Wisconsin chapter of the American Waterworks Association
WPPI	WPPI Energy
WRWA	Wisconsin Rural Water Association
WWOA	Wisconsin Wastewater Operators Association

March 10-16, 2019	National Groundwater Awareness Week
March 18, 2019	Utilities Committee Regular Meeting: Annual Drinking Water Consumer Confidence Report (CCR)
March 17-23, 2019	National Fix a Leak Week
March 31-April 3, 2019	APPA Engineering and Operations Conference – Colorado Springs, CO
April 1, 2019	Stoughton Utilities' five-year Wisconsin Pollutant Discharge Elimination System (WPDES) Permit effective date.
April 15, 2019	Utilities Committee Regular Meeting: Presentation of the Utilities 2018 annual audit and management letter, and the SU tax-stabilization dividends
April 18, 2019	National Lineman Appreciation Day
April 23, 2019	Common Council Meeting: Approve Utilities 2018 annual audit and management letter; presentation of the tax-stabilization dividends
May 5-11, 2019	National Drinking Water Week

May 20, 2019	Utilities Committee Regular Meeting: Annual reorganization and selection of meeting time and date; discuss SU goals
June 2019, Date TBD	MEUW Annual Conference – Location TBD
June 7-12, 2019	APPA National Conference – Austin, TX
June 9-12, 2019	AWWA Annual Conference – Denver, CO
June 17, 2019	Utilities Committee Regular Meeting: Approve the annual Wastewater Compliance Maintenance Annual Report (CMAR); tour of well no. 5
June 25, 2019	Common Council Meeting: Approve the CMAR
July 15, 2019	Utilities Committee Regular Meeting: RoundUp Donation; tour of the Utilities Administration Building
August 19, 2019	Utilities Committee Regular Meeting: Approve Declaration(s) of Official Intent; tour the Wastewater Treatment Facility
September 13-14, 2019	WPPI Annual Meeting – Elkhart Lake
September 16, 2019	Utilities Committee Regular Meeting: Approve the Utilities 2019 Budget and five year (2019-2023) Capital Projects Program
October 14, 2019	Utilities Committee Regular Meeting
October 27-30, 2019	APPA Customer Connections Conference – New Orleans, LA
November 18, 2019	Utilities Committee Regular Meeting
December 16, 2019	Utilities Committee Regular Meeting



Stoughton Utilities

600 South Fourth Street
P.O. Box 383
Stoughton, WI 53589-0383

Serving Electric, Water & Wastewater Since 1886

Date: March 12, 2019
To: Stoughton Utilities Committee
From: Jill M. Weiss, P.E.
Stoughton Utilities Director
Subject: Stoughton Utilities Communications

February 9, 2019	Thank you letter received from the Stoughton Food Pantry for the \$750 donation received from Stoughton Utilities, funded through the Stoughton Utilities Community Contributions Fund.
February 11, 2019	Stoughton Utilities news release reporting on the RoundUP Program donation of \$500 to the Stoughton Police Department Safety Camp.
February 11, 2019	Stoughton Utilities news release reporting on the RoundUP Program donation of \$500 to the Stoughton United Methodist Food Pantry.
February 20, 2019	Thank you letter received from the Stoughton United Methodist Food Pantry for the \$500 donation received from Stoughton Utilities, funded through the Stoughton Utilities RoundUP Program.
March 1, 2019	Informational sheet regarding the availability of the Stoughton Utilities 2019 scholarship. This sheet, along with additional details and the application materials, are provided to the Stoughton Area School District for their use and distribution to eligible high school seniors.
March 6, 2019	March issue of Live Lines, a monthly newsletter published by the Municipal Electric Utilities of Wisconsin (MEUW).
March 6, 2019	Whole Effluent Toxicity (WET) Test Report Form for sampling taken from the effluent from the Stoughton Wastewater Treatment Facility. The facility passed testing; the next WET testing will occur in the second quarter of 2020.
March 7, 2019	WPPI Energy memorandum “Things You Should Know” from WPPI Energy President and CEO Michael Peters.
March 8, 2019	Stoughton Utilities March billing insert informing customers of the availability of seasonal Energy Assistance. The heating season continues through May 15, and customers can apply for financial assistance up until that date.

March 8, 2019

Sample 2019 Home Energy Report, scheduled to be mailed to all residential customers in late March. This report is intended to be a way to help customers understand how they use electricity and water in their homes.

March 8, 2019

Sample 2019 Business Energy Report, scheduled to be mailed to all business customers in late March. Similar to the Home Energy Report, current efficiency incentives and conservation tips are shared with the customer.



CITY OF STOUGHTON

381 East Main Street Stoughton, WI 53589

(608) 873-6677

www.ci.stoughton.wi.us

February 9, 2019

Stoughton Utilities
600 S Forth Street
Stoughton, Wi. 53589

Dear Stoughton Utilities,

On behalf of the Stoughton Food Pantry we thank you for your **\$ 750.00 donation**. The food pantry is a valuable resource for needy families of our area, and many will benefit from your generosity. Your gift enables us to meet the needs of those who might otherwise go hungry.

During January 2019, our pantry has had 127 visits from families in need and has distributed 11,066 pounds of food.

Thank you for your continued support of the Stoughton Food Pantry. Stoughton is a better community because of people like you.

Sincerely,

Volunteer
City of Stoughton Food Pantry

CITY OF STOUGHTON

Receipt: 100036751

01/08/19

381 E. MAIN ST.
STOUGHTON, WI 53589

Cashier: CANDEE
Received Of: STOUGHTON UTILITIES

600 S FOURTH STREET
STOUGHTON WI 53589

FOOD PANTRY DONATION

The sum of: **750.00**

501	FOOD PANTRY		750.00
	234-00000-48550	750.00	
			Total
			750.00

TENDERED: CHECK/MONEY ORDER 026055 750.00



Stoughton Utilities

600 South Fourth Street
P.O. Box 383
Stoughton, WI 53589-0383

Serving Electric, Water & Wastewater Since 1886

News Release

Stoughton Utilities

FOR IMMEDIATE RELEASE

February 11, 2019

Contact: Brian Hoops, Assistant Director

Stoughton Utilities RoundUp Program Donates \$500 to Stoughton Police Department Safety Camp

Stoughton Utilities recently donated \$500 to the Stoughton Police Department Safety Camp. This donation is part of Stoughton Utilities' RoundUP program, a voluntary program that 'rounds up' customers' utility bills to the next whole dollar. All proceeds are distributed to local non-profit community organizations.

The Stoughton Police Department Safety Camp helps elementary school children learn to avoid risky behaviors and adopt safe, healthy habits. Safety Camp is a two-day program held during the summer.

Stoughton Utilities began its RoundUP program in 2006 as a way to further assist local non-profit organizations in our community. Over five percent of Stoughton Utilities customers have voluntarily chosen to participate in the program and are continuing the "neighbor helping neighbor" concept that founded Stoughton Utilities over a century ago.

Customers wishing to participate in the RoundUP program, or non-profit organizations requesting to be considered for future donations, may sign up online at stoughtonutilities.com/roundup, or by calling Stoughton Utilities customer service at (608) 873-3379.

###

Founded in 1886, Stoughton Utilities serves electric customers in Stoughton and the surrounding area; and wastewater and water customers in Stoughton.



Stoughton Utilities

600 South Fourth Street
P.O. Box 383
Stoughton, WI 53589-0383

Serving Electric, Water & Wastewater Since 1886

News Release

Stoughton Utilities

FOR IMMEDIATE RELEASE

February 11, 2019

Contact: Brian Hoops, Assistant Director

Stoughton Utilities RoundUp Program Donates \$500 to Stoughton United Methodist Food Pantry

Jeanne Schwass-Long of the Stoughton United Methodist Food Pantry recently accepted a check for \$500 from Brandi Yungen of Stoughton Utilities. This donation is part of Stoughton Utilities' RoundUP program, a voluntary program that 'rounds up' customers' utility bills to the next whole dollar. All proceeds are distributed to local non-profit community organizations.

The Stoughton United Methodist Food Pantry provides food to those in need in our community, as well as nutrition education, free blood pressure screening, and a summer food program for families with children. In 2017, the Stoughton United Methodist Food Pantry provided food to over 1,215 households.

Stoughton Utilities began its RoundUP program in 2006 as a way to further assist local non-profit organizations in our community. Over five percent of Stoughton Utilities customers have voluntarily chosen to participate in the program and are continuing the "neighbor helping neighbor" concept that founded Stoughton Utilities over a century ago.

Customers wishing to participate in the RoundUP program, or non-profit organizations requesting to be considered for future donations, may sign up online at stoughtonutilities.com/roundup, or by calling Stoughton Utilities customer service at (608) 873-3379.



Brandi Yungen (right) of Stoughton Utilities presents Stoughton United Methodist Food Pantry with a \$500 donation from the utility's RoundUP program.

###

Founded in 1886, Stoughton Utilities serves electric customers in Stoughton and the surrounding area; and wastewater and water customers in Stoughton.



SUMC Food Pantry

2-20-19

Stoughton Utilities,

Thank you for the gift of
\$500 from "Rounding Up" Campaign.
We appreciate your contribution
to our pantry and its operation.

We are open Tues + Weds am 9:00-11:00am
and Tues evening 5:00-7:00pm. Our
pantry is a client "self selection"
process that preserves their dignity.

This January we provided food to 75
households, feeding 187 people.
Three snow days prevented us
from doing more.

We appreciate your continued
support.

Sincerely, Janice Schwab
Pantry Coordinator



SCHOLARSHIP AVAILABLE

As a locally owned, not-for-profit utility, Stoughton Utilities works to support and enrich our community. Student scholarships are one of the ways we give back. Applicants are given the option to submit an essay on the values of Public Power and energy conservation, or to complete a Home Energy Audit and submit a summary of their findings. The scholarship recipient will be chosen based on their submitted materials. High school seniors are encouraged to apply now. For complete application materials visit stoughtonutilities.com.

**APPLICATIONS ARE DUE BY
MAY 1, 2019. APPLY TODAY!**



At Stoughton Utilities, we join forces with other local not-for-profit utilities through WPPI Energy to share resources and lower costs.

stoughtonutilities.com (608) 873-3379

Shared strength through  WPPI Energy

LIVELines

Volume 68, Issue 3 March 2019

Industry “game-changers” subject of Customers First! forum

Battery storage, electric vehicles and the economics of renewables are dramatically changing the electric utility industry. That was the theme of a Customers First! Coalition event attended by more than 125 people at the Madison Concourse Hotel in February.

Attendees, including many from Wisconsin’s public power community, heard from three speakers who noted the falling cost of wind and solar energy has been driven by design

ready – not even California which has put the most money into EV charging infrastructure,” Stipnieks said. “We urge states to use an analysis gap — looking forward to 2030.”

“This is a large and growing market with huge potential and lots of room for lots of players. Utilities can help address lack of charging infrastructure which has been one of the biggest barriers to adoption of EVs.”

She urged the state to take a more proactive role in understanding the impact of electric vehicles, indicating collaboration will be key to realizing the benefits EV technology provides. She also noted initiatives happening across the country, including a recent docket in Iowa that determined EV charging stations are not considered a “public utility” subject to regulatory oversight but left open the question about whether owners of charging stations are. Several investor-owned utilities are pursuing pilot programs related to charging stations, she noted.

Tyler Huebner, executive director of RENEW Wisconsin, told the audience the cost of generating wind energy has

Continued on page 2

innovation and global competition surrounding the technologies required for generating clean energy.

Elizabeth Stipnieks, a senior advisor with the Alliance for Transportation Electrification, cited statistics indicating the sales of electric vehicles are growing at a rate of 30 percent year-over-year, with sales of EVs expected to top 3.5 million vehicles – or 20 percent of all vehicle sales -- by 2030. That translates into a significant need for infrastructure, with some estimates suggesting 9.6 million charging points nationwide by 2030.

“EVs are going to be charged – at home, at work, while we’re shopping, and while we’re on the go. No region is



INSIDE THIS MONTH’S ISSUE

It’s *your* safety program — help us make it the best!

Page 3

Scenes from the APPA 2019 Legislative Rally in D.C.

Page 8

Bi-annual Collections Seminar March 26 in Marshfield

Page 11

“Beautiful Woods” of Boscobel in the Community Spotlight

Page 6

Continued from page 1

fallen 69 percent in the past 10 years and utility-scale solar has fallen 88 percent during that same period.



Tyler Huebner

“The game-changing reality ... is that the cost for utility-scale wind and all scales of solar has dropped dramatically,” he said.

Turbines being built today are designed to catch more wind and produce energy more efficiently, Huebner noted. And turbines are now built taller and with larger blades to take advantage of stronger and sustained winds at higher elevations.

The growth of solar around the globe is contributing to lower costs to manufacture solar panels. While design changes to wind turbines are helping make wind energy cheaper, Huebner says global market factors are behind the falling cost of solar.

He pointed to the dramatic price changes in solar energy generation and said, “There’s still a lot more cost declines that are possible with solar.”

There are more and more companies looking for ways to power their operations with more renewable energy, because, as Huebner noted, “they have seen the same cost curves that many in this industry have. ... They are hearing from customers, investors on Wall Street ... but they’re also trying to attract the next generation of talent ... That’s also pushing companies to make these transitions.”

Troy Miller, sales leader with GE Power, discussed the impact of battery storage, noting, “It’s a great time in the energy industry.” He pointed to storage as a unique asset that provides unprecedented flexibility.

“When change happens, it tends to happen exponentially ... and we see some of this coming, particularly as customers get more engaged in understanding where their electrons are coming from.”

Miller noted, “As you increase the renewables penetration, you’ve got to look at things like storage to be able to buffet very rapid changes and to be able to shift the energy to the times of day that you need it.”

The cost curve for energy storage has been similar to that of solar over the last five years. “Lots of understanding of how to make technology better and cheaper, so you pack more energy into a smaller space and you’re able to access that for longer.”

The Customers First! Coalition is an issue advocacy non-profit organization dedicated to the interests of power customers of all sizes in Wisconsin.



MEUW is a founding member of the Coalition, which first came together more than 20 years ago, and has helped to shape energy policy that promotes consensus among Wisconsin’s energy stakeholders and produces sensible solutions to our energy challenges.

To access the presentations from the February event, please visit <http://www.customersfirst.org/news/game-changers-power-breakfast-presentations/> ●

PSC seeks insights about electric vehicles

Wisconsin’s Public Service Commission has opened a docket to investigate electric vehicles and their associated infrastructure. Specifically, the PSC is looking into:

- Customer expectations, including the availability of vehicles, charging stations and utilities.
- Policies and standards for electric vehicle infrastructure, including the question of who is allowed to own and operate charging stations as well as how to pay for them.
- The impact electric vehicles will have on the electric grid and how differing state regulations might affect competition.

Utility accounting and advisory

Let’s face the future, together.

+1 (800) 362 7301 | jodi.dobson@bakertilly.com

 **bakertilly**
now, for tomorrow.

It's *your* safety program — help us make it the best!

By Randy Larson, Electric Utility Safety and Training Coordinator



I recently marked six months on the job at MEUW, and it's been great. I'd like to thank each and every MEUW member and your line crews for making me feel very welcome as I look for ways to enhance our outside electric crews' safety knowledge. I've been using a variety of methods – traditional classroom-style training, collaboration, and hands-on methods – to help our employees understand and enjoy learning the safety topics.

In upcoming safety meetings, employees will be using a table-top working demonstration that will help them to improve their skills abiding by OSHA's basic requirements of a job briefing using the theme, "How We Solve Every Problem." As I've observed the crews discuss the topic among themselves and follow through with the work processes, it's been personally very gratifying. The exercise encourages informative discussions and work



The line crew from Kaukauna Utilities recently used a newly developed table-top trainer to discuss hazards, work procedures, special precautions, energy sources, and PPE needs

One of the key lessons from the training is the importance of reviewing proper work procedures and safety practices and encouraging everybody to "speak up" if they observe an unsafe situation or feel uncomfortable. While the table-top demo might look like a grade-school art project, this type of hands-on, practical training lends itself to enjoyable and memorable learning.

procedure variations among the crew members. The table-top demo that is part of the training is based on an actual setting at one of our members' shared substation facilities that was the site of a close call.

One of the key

In addition to conducting routine safety meetings, I have also been busy coordinating a series of "schools" to provide seminar-style training for lineworkers. The seminars and workshops MEUW is offering are based on feedback from member utilities and their employees and provide the type of topical and refresher training needed across the electric industry. We had a successful and well-attended "Lineworker U" in early February and I am looking forward to the Watt-Hour Metering Workshop at Northeast Wisconsin Technical College later in March.

We also recently announced two seminars for this spring:

- We're offering training that will emphasize **600 amp fundamentals and an introduction to a 24.9 KV system.**

This workshop – April 29, 30 and May 1 – is being hosted

at Hartford Electric's main office and some training assistance will be provided by the line crew as they coordinate the hands-on field training. This seminar came about after a MEUW member's request to offer training to advance their employees' knowledge of such systems.

- An **Excavation Safety Workshop** is being held at Wauwun Utilities from May 6 to 8. This seminar will introduce the novice excavator to the basics of safe operation, maintenance, and inspection of mini-excavators, skid steering units, trenchers, cable plows, and tractor backhoes. The training also will enrich the seasoned operators' knowledge of these expensive investments, providing new ideas and sharing personal experiences with the tricks of the trade.

Information about both of these three-day workshops is available on MEUW's Website at MEUW.org.

Later this year, we plan to repeat a two-day National Electrical Safety Code, Wisconsin Administrative Code, PSC 113, PSC 114, and PSC 119 seminar — this time at Plymouth Utilities. This seminar was held in Fennimore back in early December and was well received. This repeat session will take place sometime in early November (exact date to be determined) and is being offered in the eastern part of the state this time around to catch those who may



Continued on page 4

Continued from page 3

not have been able to attend last year's session in the southwest.

Looking ahead, our goal is to establish a long-term seminar schedule that will enable an 18-month view of what's to come. Based on feedback, we know such a schedule will help our members to plan work schedules and budgets to take advantage of the training opportunities. Your input is critical as I work on this long-term schedule – please share with me the topics that are most relevant and those you anticipate will be needed in the near term. We want to offer workshops and seminars that are timely and meet your training needs.

My co-worker, Mark Zielsdorf, has told me he's heard from members looking for one-day training seminars and workshops, too. I agree with the need and am exploring options to fit that request into the overall training plan. I would like to settle on a particular topic and then conduct the one-day training in different sites around the state over a three- or four-day period so we can catch as many lineworkers as possible in a quick time-frame. I'll keep you posted as that idea develops.

I really want to hear from you. Please share your ideas for training topics, speakers, subjects and ideal and host locations (no matter how big or small the utility). As we work on developing the schedule, we always try to avoid the construction season, so that has a big impact on the timing of our offerings. That said, I have also heard from some who say it can be easier to send an employee to a seminar in the summer than trying to coordinate vacation requests in the fall. Your feedback is important to helping us provide the training you need to keep our workers safe. Thanks for your support. ●

To reach Randy Larson, call (715) 559-7542 or drop him an email at rlarson@meuw.org

Learn about 5G small cell wireless and explore the truths, myths and implications for public power

5G Forum

Thursday, April 4, 2019
Kalahari Resort – Wisconsin Dells

This half-day session will offer participants an overview of 5G small cell wireless and explore the truths, myths and implications for public power. **The 5G Forum will offer practical advice to help Wisconsin utilities prepare for and respond to small cell deployments in their communities.** Explore what you need to know to make informed decisions about 5G small cell, and leave the Forum with answers to your questions and access to resources and ideas to make it easier to manage poles and other facilities.



The discussion will be led by Attorney **Anita Gallucci**, a partner at the Madison law firm of Boardman & Clark, LLP, which has represented public power utilities for more than 50 years. **Dale Romsos**, a Project Manager/Design Leader with SEH, an engineering, architectural, environmental and planning company, will provide his technical expertise to the forum.



Register online at

 **MEUW.org**

Change the world? Maybe just a little

By Paul Hermanson, MEUW Board President

Providing high quality, effective, and genuine customer service is paramount to me. I believe strongly that our edge as public power utilities exists in the way we treat our customers.



Paul Hermanson

My experiences make it clear to me how customer service with various companies and organization does indeed matter and to a great extent who gets my business and to whom I give my ire.

Recently I dealt with a company providing “communication” services to my home. I called with a concern about the frequency of service interruptions, and expressed my discontent in terms of the amount of money I pay versus the quality of service I receive (no doubt a familiar refrain). The extremely well-trained gentleman on the other end of the phone spent our entire conversation trying to sell me an expanded version of the service that wasn’t working. He was unsuccessful; I was ... frustrated.

On the other end of the spectrum (no pun intended), my family recently had to change health providers when our employers changed health plans. There’s a great deal of anxiety and trepidation associated with changing doctors and medical facilities. But the folks at this particular health organization have been exceptional. Every person we encountered has been professional yet personable, efficient yet sincere. They too have clearly been well-trained. My blood pressure is still too high, but I’m impressed.

Customer service is difficult, stressful work. Unless, of course, you don’t care about customers; then dealing with people is just annoying or simply the means to a paycheck.

Although challenging, delivering solid customer service is vital. Consider this research information from these reliable and successful companies (updated January, 2019):

- 54% of all consumers say they have higher customer service expectations in 2019 than they did in 2018 (source: Microsoft)
- 96% of consumers worldwide say customer service is an important factor in their choice of loyalty to a brand.

(source: Microsoft)

- 70% of consumers say they have already made a choice to support a company that delivers great customer service. (source: American Express)
- Americans will pay 17% more to do business with firms with great reputations when it comes to customer service. (source: American Express)
- The average American tells 15 people when they’ve had a poor customer service experience – men will tell more people than women - Millennials will tell more people than any other demographic group. (source: American Express)
- 72% of consumers see having to explain their problem to multiple people as poor customer service. (source: Dimensional Research)
- 63% of Millennials begin their customer service interactions online. (source: Microsoft)
- 90% of consumers expect an online portal for customer service. (source: Microsoft)

Customer loyalty, and indeed the need and desire to provide excellent customer service, is sometimes considered not as important for electric utilities. After all, some contend, it is still impractical or even impossible for our customers to change providers. Or is it?

New businesses seeking community to settle in can be attracted or deterred by our customer service reputation. Residential developers can decide to locate for new subdivisions based on negative rumors or positive past customer service experiences with our utilities.

Consider also that when a customer is not able to change providers or feel as if they are not being treated with respect, they get frustrated. Frustration can grow into anger. And anger can cause aggression to overcome logic and reason. We really don’t need any more frustration, anger or aggression in our world today.

Taking care of our customers clearly demonstrates our value and belief in our mission. It shows that there is a greater good beyond generating profits. As public power utilities we offer a deeper desire to provide value, help others, and, in a seemingly small way, change the world just a little bit. ●

Paul Hermanson is Director of Public Works for City of Lake Mills

“Beautiful woods” make Boscobel a destination



The Lower Wisconsin River has been a conduit for lead miners, loggers, goods and passengers since Boscobel first became a city in the mid-1800s.

Today the river is still a major attraction. Thousands of acres of public land surround the waterway, including Boscobel’s scenic bluffs. Cross-country skiing, snowshoeing, ice skating and other activities bring visitors in the winter, while camping, canoeing, kayaking, hiking, bird watching and bicycling draw people in the warmer months. The community prides itself on being Wisconsin’s “Outdoor Recreation Destination.”

The city is also known for its hunting and fishing. Boscobel has long been known as the Wild Turkey Hunting Capital of Wisconsin, and the three-county area has nearly 90 Class 1 trout streams.

The area was first discovered by French explorers Louis Joliet and Jacques Marquette in 1673. They named the area “Bosque-Bell,” which means “beautiful woods.” Today, Boscobel is home to some 3,200 residents.

Many historical landmarks still stand, such as the Boscobel Hotel, birthplace of the Gideon Bible, and the Boscobel Depot, a marshalling point for enlisted men during the Civil War and again during World Wars I and II. Another historic building, the G.A.R. Hall – believed to be the only one remaining in the state and possibly the Midwest – remains a testament to the era of the Grand Army of the Republic. The Rock School preserves turn-of-the-century architecture as a modern-day school for kindergarten and first grade students.

Downtown Boscobel also pays homage to its history, and Main Street has LED replicas of antique streetlights.

The Grant County community hosts a Fireman’s Festival every July 4, featuring one of the area’s biggest fireworks

displays, plus a carnival, softball tournament, parade and Firecracker Run.

Boscobel Utilities serves about 1,750 customers in an area of about three square miles.



U.S. Highway 61 crosses the Lower Wisconsin River via the Boscobel Bridge. The bridge is dedicated to one of the city’s well-known residents,

Director of Public Works Mike Reynolds has been in his job since 1990. Born and raised in Boscobel, he attended college at the University of Wisconsin-Platteville and earned his professional engineering credentials before returning to his hometown. He serves MEUW as an alternate director from District 8. In addition to Reynolds, the electric utility has four full-time employees: Utility Clerk Ellen Bushee, Utility Supervisor Rick Ritter and Linemen Jason Hurda and Cory Murphy.



Mike Reynolds

Like many small communities, Boscobel has seen its share of challenge over the years. Back in 2013, water breached a levy and Sanders Creek overflowed, allowing water to pour into the basements of local homes. Lightning hit a substation, knocking out power to most of the city for four hours. During that time, a lift station failed, overwhelming the system and causing sewers to back up in homes where sump pumps were inoperable. Flooded and washed-out roadways made it more difficult for help to arrive. Many

Continued on page 7

Continued from page 6

area fire departments sent crews, and many volunteers made clean-up efforts easier.

“It really brought everyone together,” Reynolds said.

The utility’s revenue is nearly evenly divided among residential and business customers. The largest customers are two packaging companies, Nu Pak and Bemis North America, which have a combined load of more than 2 megawatts; as well as the Wisconsin Secure Program Facility; Gunderson Boscobel Area Hospital and Clinics; the local grocery store and schools.



Programs and incentives from Boscobel Utilities and Focus on Energy help business customers save energy and trim operating costs. Over the years, utility staff

have helped Bemis complete a process energy use evaluation project to improve energy efficiency, and many other businesses have upgraded their lighting.

Several years ago, the utility used surplus Commitment to Community funds to help the high school install a 12.5-kilowatt solar PV system, which fulfills some of the school’s electricity needs. Previously, the utility helped the local pool install solar panels.

During Public Power Week, Boscobel Utilities invites customers to stop by the office for treats, gifts and prize drawings. Throughout the year, residential customers have access to Focus on Energy incentives as well as ENERGY STAR, Tree Power and central air conditioning tune-up rebates.

Local citizens voted to form a city-owned utility in 1899 to provide lighting for downtown businesses and to encourage economic development. Today, Boscobel Utilities is governed by a seven-member Board of Public Works, and it’s one of the largest contributors to the city budget. ●

Information in this community profile originally appeared in a 2015 edition of WPPI Energy’s Power Report. The content has been updated and is reprinted here with permission.

REGULATORY News

Rebecca Valcq becomes PSC Chair

Rebecca Valcq assumed the role as Chairperson of the Public Service Commission of Wisconsin on March 2. She was appointed to the Commission by Gov. Tony Evers earlier this year. She succeeds Ellen Nowak who continues to serve as a Commissioner, along with Mike Huebsch.



Rebecca Valcq

An attorney, Valcq most recently was as a partner with Milwaukee-based law firm Quarles & Brady. Previously, she spent 15 years as regulatory counsel for We Energies, where she occasionally represented the company before the PSC and advised management on various areas of compliance. She earned an undergraduate degree from Drake University and a law degree from Marquette University. ●

Valcq is among the featured speakers at MEUW’s 90th Annual Conference. She is scheduled to address conference attendees on Thursday, May 16.

FULL-SERVICE CONSULTANTS

Forward-Thinking
Business ■ Infrastructure ■ Technology
SOLUTIONS

**Power System
Engineering, Inc.**

www.powersystem.org
866-825-8895

**Forster
Electrical
Engineering**

Excellence in Electrical Distribution Design since 1981

forstereng@forstereng.com
(608) 835-9009
550 North Burr Oak Ave.
Oregon, WI 53575

www.forstereng.com

- Electrical Engineering Consulting and Planning
- Electrical System Computer Modeling
- Electrical System Coordination and Sectionalizing
- Distributed Generation
- Field Inspections and Inventories

- Electrical System Documentation - Mapping
- Electrical Substation Design
- Insulated Power Cable Analysis
- Power Line Design and Staking
- Stray Voltage and Other Field Testing

Wisconsin well represented at 2019 APPA Rally



1



2



3



4



5

More than 50 Wisconsinites took part in the American Public Power Association’s annual Legislative Rally in late February in Washington, D.C.




The Wisconsin delegation included locally elected officials and city and utility personnel representing 25 MEUW member utilities. Meetings were held with Wisconsin’s Congressional representatives Feb. 26 and 27 at the Capitol Visitor Center and in Representatives’ offices. In each case, one delegate served as meeting host and others were asked to speak on specific topics, including strengthening and modernizing municipal bonds, maintaining local control over pole-attachment regulations, distributed energy resource policy, cybersecurity, environmental policy and electric vehicles.

MEUW extends thanks to those members who served as hosts or spokespeople at the various meetings. It was again gratifying to have such a large contingent from Wisconsin advocating for public power in the nation’s capital. The communities and utilities that support the Rally allow municipal utilities to make a strong showing with our Representatives and Senators.

The 2020 APPA Rally is Feb. 24 to 26. ●


Scenes from D.C.: (1) MEUW hosted a reception for the Wisconsin delegation on Feb. 25 at the Mayflower Hotel; (2) Delegates met with Rep. Mark Pocan (D-District 2) in his Capitol Hill office; (3) Sen. Tammy Baldwin (D) addressed the delegates at a session in the Capitol Visitor Center; (4) Sen. Ron Johnson (R) took questions from the group on Feb. 27; (5) Rep. Mike Gallagher (R-District 8) posed for a picture after meeting with attendees from Kaukauna, New London, Shawano, Sturgeon Bay and WPPI Energy, including (from left) John Moore, Tony Penterman, Lee Meyerhofer, Tom Hanrahan, Jeff Feldt, Joseph Owen, Paul Black, Rob Koepp, Thad Birmingham, Steve Thompson, Dianne Reese, Brian Knapp, Roger Steingraber, Michael St. Marie, Roger Pescinski and Monica Vick.



AEP ENERGY PARTNERS
An AEP Company

Wholesale Energy • Renewable Energy
Vince Findley, Managing Director Energy Supply
614.583.6406

BOUNDLESS ENERGYSM



Municipal Day at the Capitol is May 22

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 to hold a legislative lobbying day in Madison on Wednesday, May 22.

All city and village officials, as well as municipal utility managers, commissioners, and staff are invited to participate in this lobbying and networking event. Join us for a half-day spent educating state legislators and advocating for municipal needs, including a special focus on the critical role municipal infrastructure has on the state's economy.



The day will start at 9 a.m. and will include group breakout briefings on important issues, followed by advocacy meetings at the Capitol. The event also includes a lunch with state legislators (as their schedule allows) and a keynote presentation and is expected to wrap up by around 2 p.m. Gov. Tony Evers has been invited as the lunchtime speaker. There is no cost to participate. Registration will open soon at MEUW.org.

Note that plans for a "Public Power Parade" that were under consideration for this event will be deferred for a future legislative rally. ●

Management Training Program kicks off new two-year cycle



The popular and long-standing MEUW Management Training Program began another cycle of its six-program curriculum with "Communication, Time and Project Management" training on February 27.

Session A was well attended, and participants left with new ideas to track projects to assure nothing falls through the cracks plus how to prepare for effective/efficient meetings and proven tips for knowing what information to share with whom and when. Session B is scheduled for June 5 and will focus on "Leadership and Team Building."

MEUW's Management Training Program provides education for existing managers, mid-level managers and future management prospects. Participants may start at any point in the six-session series and are recognized after completing the program. ●




Jimmy Smith, Electric Foreman at Rice Lake Utilities, is the newest graduate of MEUW's Management Training Program. He completed his sixth and final session in late February and was recognized at the training.

 **Follow MEUW on Twitter**
@MuniElecWis

60 years of
UTILITY KNOW-HOW

We've got the electrical, safety and MRO products you need to get the job done.

 **BORDER STATES**
Supply Chain Solutions™

262.347.2199 | borderstates.com
N29W23606 Woodgate Court E | Pewaukee WI

"Utility Sales and Service, reaching farther than the Competition"

 **UTILITY SALES & SERVICE**

412 Randolph Dr, Appleton WI 54913
(920)788-2699 Office
1-888-999-8090 Toll Free
www.utilityssi.com

Customer Service Roundtables take place in April, May

MEUW is hosting seven Customer Service Roundtable meetings across the state this spring. These annual gatherings bring together member utilities to meet and exchange ideas and information. The roundtable format provides members an opportunity to start discussions among front-office and customer-service personnel regarding leading practices, service trends and emerging issues affecting municipal electric utility customers. There is no cost to attend and lunch is provided. Members of MEUW's Accounting and Customer Service Committee moderate each session.

Based on feedback, there are new locations added to the schedule for 2019. Here are the dates and sites for this

year's Customer Service Roundtables:

- Tuesday, April 23 – Cumberland Municipal Utilities
- Thursday, April 25 – Cashton Community Hall
- Tuesday, April 30 – Hartford Electric
- Thursday, May 2 – Waunakee Utilities
- Tuesday, May 7 – Belmont Public Library
- Friday, May 10 – Wisconsin Rapids Water Works and Lighting Commission
- Tuesday, May 21 – Kaukauna Utilities



Registration is open and available online at MEUW.org. ●

AMERICAN PUBLIC POWER ASSOCIATION

2019 THE ACADEMY Webinars

Register now for Webinars

Webinars allow you to learn from the best in the business without leaving your office! Individual webinars are \$109 or in some cases you can sign up for a series at a discounted rate. Find out more and register today at www.PublicPower.org under Education & Events.

Non-members can enter coupon code **MEUW** to receive the member rate.

- Understanding the Generation & Transmission Grid: **March 8**
- Rating Agency Outlook for Public Power: **March 12**
- Operating a Local Public Power System: **March 22**
- Overview of Public Power Governance: **March 22**
- Maintaining or Improving Your Utility's Bond Rating: **March 26**

AMERICAN PUBLIC POWER ASSOCIATION

Bell LUMBER & POLE

Jim Davis
North Central Sales Representative
Cell: 715-418-3792 | Emergency: 952-930-6840
jim.davis@blpole.com | www.blpole.com

Providing High-Quality Wood Poles

Stewardship • Excellence • Entrepreneurial Spirit

BoardmanClark

Municipal Utility Counsel

ENERGY • TELECOMMUNICATIONS • WATER & WASTEWATER
ENVIRONMENTAL • CELL TOWER LEASES • LABOR & EMPLOYMENT
LAND USE • RIGHT-OF-WAY MANAGEMENT • GREEN STRATEGIES

MADISON WI | (608) 257-9521 | BOARDMANCLARK.COM

MEUW.org

Your source for the most up-to-date information about MEUW training seminars and programs – check it out!

Nominations being accepted for MEUW awards, honors

Now is the time to consider nominating a utility leader, respected peer or elected official for an MEUW award. Here are the MEUW awards to consider:

Donald L. Smith Distinguished Service Award is designated as the highest honor bestowed by MEUW. The award is given in recognition of exceptional leadership in and dedication to public power. A nominee must be an employee of an MEUW member system who has been active in MEUW for at least 10 years.

Charlie Bradburn Pillar of Public Power Award may be presented to individuals who served a specified period of time as a member of a public power governing board (e.g., utility commission, city council and village board). Recipients are honored in one of four categories based on years of service as a governing board member (Platinum: 40 or more years, Gold: 30 to 39 years, Silver: 20 to 29 years and Bronze: 10 to 19 years).

Philip F. La Follette Public Official Award may be given annually to an individual who has demonstrated an extraordinary level of commitment to public power through policies, presentations or overall career activities. To be eligible, nominees must be a member of a policy board or commission of any MEUW member system who has actively participated in MEUW for at least five years.

Friend of Public Power Award may be presented to an

individual, organization or local business that is a non-MEUW member or representative. A recipient of the MEUW Friend of Public Power Award could be a local business leader or chamber of commerce executive who supports public power; a legislative or congressional staff person; or someone who supports public power ideals, but doesn't directly work in or for a public power utility.

**Nomination Deadline is
Friday, March 29**

MEUW Meritorious Service Awards are presented to individuals to recognize outstanding service/achievement, or another recognizable act while an employee of an MEUW member utility, or in service to MEUW (consultants, public officials, etc.).

MEUW Retirement Awards are presented to individuals that have served in a managerial or supervisory capacity in an MEUW member utility, or have served MEUW on a committee or board capacity.

The MEUW Awards Committee and the MEUW Executive Committee will review all nominations and make final award decisions. Awards will be presented at the Annual Conference or at a different event, if necessary. Please note that all awards are not given each year; they are only given if the criteria is met and approved by the MEUW Awards Committee and Executive Committee.

For a full description of each of the above awards and the criteria, please visit www.meuw.org/awards. The deadline to submit nominations is Friday, March 29. ●

REGISTRATION OPEN! ACT NOW FOR "EARLY BIRD" RATE

90th
Municipal Electric Utilities
of Wisconsin
**Annual
Conference**

May 15–17, 2019

Lake Lawn Resort, Delavan



Let your voice be heard!

MEUW is currently conducting our annual member survey to gather feedback about the services and future direction of the association. The key contact from each of our member utilities received details to complete the survey.

We'd also like to hear from you — please visit www.surveymonkey.com/r/MEUW2019 and take a few minutes to share insights and help us identify opportunities to improve MEUW's support of community-owned utilities. The survey will remain open until Friday, March 15. ●

Bi-annual Collections Seminar March 26 in Marshfield

Every other year, MEUW hosts a seminar to share information about the rules and regulations for utility collections and provide attendees with some new tips and techniques to make the process effective and efficient. The program is designed to help strengthen the public power utilities' collection process, with timing targeted at the end of the cold-weather moratorium on electric-service disconnections. This year's seminar is planned for Tuesday, March 26, at the Holiday Inn in Marshfield.



Debra Ballard

Debra Ballard, a professional trainer with more than a dozen years of utility customer service experience who conducts similar seminars for public power utilities across the country, will facilitate the day's discussion. Among the

topics to be covered:

- How to handle emotions – the customers' and yours – during tense situations;
- How to prevent collections problems from the first contact with a customer so that collections and disconnects are minimized;
- What rights consumers have under federal and state laws and regulations;

- Tips and techniques designed to maximize the effectiveness of the communication process regarding disconnections and past due bill collections;
- How to adjust policies and procedures for mitigating the effects of this issue.

This seminar offers an overview of collection processes and service disconnects. Participant discussion will be prominently featured so that attendees can share their utility's processes and learn from others. There will also be a focus on specific skills and approaches that can help to position the utility in a positive manner during a potential negative customer interaction. The seminar will also include case studies of actual and potential customer situations to help participants gain insights and avoid the negative impact of collections.



Kayleigh Chiono

Kayleigh Chiono, a consumer affairs analyst with the Public Service Commission of Wisconsin, also will present — to offer the PSC's perspective and provide timely updates about the end of the moratorium and the state's utility collections rules.

Registration for the seminar and details about hotel accommodations are available online at MEUW.org. The cost to attend is \$85. The deadline to register is March 22. ●



A. C. Engineering Company
N16 W22040 Jericho Drive Waukesha, WI 53186-1169 (262) 547-2006 Fax (262) 547-1523

"Field Service by Electrical Engineers"

Field Testing, Repairs, and Maintenance on all Types and Manufacturers of Substation Electrical Equipment

Innovative, practical maintenance solutions that will keep your substation equipment running longer

N16W22040 Jericho Drive Waukesha, WI 53186-1169 www.acengineer.com
 o 262-547-2006 m 414-467-1149 email: jason@acengineer.com



energis
HIGH VOLTAGE RESOURCES®

Servicing You Locally in Wisconsin with NETA Accredited Technicians

"Servicing everything inside the substation fence"

ENERGISINC.COM
800.928.6960



Classifieds

New Lisbon Utilities — Journeyman Lineworkers

City of New Lisbon is accepting applications for two Journeyman Line workers. These are skilled positions in operating, maintaining, and constructing electric distribution, transmission, and substation systems. The City also operates and maintains its own generation system. Experience with municipal generators is a plus but not required. Minimum qualifications are to include graduation from high school, graduation from lineman vocational training program and a valid journeyman card. You must be able to acquire and maintain a Wisconsin commercial driver's license. These positions will require occasional after hours call outs and possible work in inclement weather. Knowledge of safety rules and good communication are a must. Starting wage for this position will be up to \$42.00 per hour depending on qualifications and the City offers an excellent benefit package. Qualified applicants should submit a resume, including work history to: City of New Lisbon attn: Nick Wyss at 232 W. Pleasant Street, New Lisbon, WI 53950. We will accept applications until both positions are filled.

City of Lake Mills — Journeyman Electric Line Technician

\$31-33/hour plus excellent benefit package including employer-paid medical insurance. Visit www.ci.lake-mills.wi.us/employment or email mquest@ci.lake-mills.wi.us for additional information. Position open until filled. EOE.

The City of Fennimore - Electric Lineman

The City of Fennimore (pop. 2,500) seeks to fill this full-time position in our electric department. The individual hired will work as part of a three-person team responsible for the day-to-day operation, installation, maintenance and repair of the municipal's high voltage electric system. Experience with municipal generators is a plus but not required. This position will require occasional after-hours, holiday and weekend work. Candidate must have the ability to acquire and/or maintain a valid Wisconsin CDL license. The pay for this position will be up to \$36.26 per hour,

depending on qualifications. The City offers an attractive benefit package. A job description and application are available at www.fennimore.com, by calling 608-822-6119, or by stopping by city hall at 860 Lincoln Ave, Fennimore, WI. To be considered for the position applicants must send a resume and completed City of Fennimore application to City of Fennimore, 860 Lincoln Avenue, Fennimore, WI 53809, or by email to dpw@fennimore.com. Successful applicant subject to drug testing and a criminal background check. Initial review of applications will begin Feb. 18, 2019. Position open until filled. The City of Fennimore is an Equal Opportunity Employer.

The City of Fennimore - Electric Line Worker Supervisor

The City of Fennimore (pop. 2,500) seeks to fill this full-time position in our electric department. The individual hired will work as part of a three-person team responsible for supervising, planning, coordinating and assisting in the construction, repair and maintenance of the city's electric utility infrastructure and related equipment. Experience with municipal generators is a plus but not required. This position will require occasional after-hours, holiday and weekend work. Qualifications include a minimum of four years' experience in the electric utility and a valid journeyman certification. Candidate must have the ability to acquire and/or maintain a valid Wisconsin CDL license. The current pay for this position is \$37.87 per hour. The City offers an attractive benefit package. A job description and application are available at www.fennimore.com, by calling 608-822-6119, or by stopping by city hall at 860 Lincoln Ave, Fennimore, WI. To be considered for the position applicants must send a resume and completed City of Fennimore application to City of Fennimore, 860 Lincoln Ave., Fennimore, WI 53809, or by email to dpw@fennimore.com. Successful applicant subject to a pre-employment drug test and criminal background check. Initial review of applications will begin March 10, 2019. Position open until filled. The City of Fennimore is an Equal Opportunity Employer.

MEUW welcomes the opportunity to help you attract qualified applicants to your utility's job openings. Send your open job postings to Info@MEUW.org whenever they become available. We will work to post your position in a timely fashion and also publicize it in the next issue of Live Lines (if the position is not filled before its monthly publication date).

**Watt-Hour
Metering
Workshop**

March 18-21, 2019
Radisson Hotel – Green Bay

*A must-attend experience
for meter technicians packed
with helpful learning and
practical, hands-on training*

Learn More at MEUW.org





Powerful solutions for your energy needs.

Solutions for your substation and T&D projects that are:

- Innovative
- Technically sound
- Cost effective
- Operable

For experience you can trust, contact:
Dave Krause, P.E. - dkrause@krausepowerengineering.com
 Phone 715-577-1369 Fax 715-861-3916
www.krausepowerengineering.com



"THE TRANSFORMER PEOPLE"™

T&R ELECTRIC
 SUPPLY COMPANY INCORPORATED

DENNIS VAN DAM

WE BUY, SELL, RENT AND DELIVER

PO BOX 180, COLMAN, SD 57017
 (605) 534-3555 • FAX (605) 534-3861
 DIAL DIRECT FREE 800-843-7994
dennis@trelectric.com • <http://www.t-r.com>



109 Independence Way
 Coatesville, PA 19320
 610-857-2955
 Fax: 610-857-2986
graphics@uticom.net
www.uticom.net

Your Local Representative:

 (773) 248-5085
www.powergridproducts.com

COMPLIANT GRAPHICS FOR HARSH ENVIRONMENTS™

ANSI, NESC, & OSHA
Compliant Graphics:



Substation Signs • Pad Mount Labels • Pole Marking • Custom Graphics

Visit www.uticom.net to schedule your Real-Time Design Session



• Directional Drilling
 • Trenching & Plowing
 • Fiber Splicing

BUILDING TOMORROW'S UTILITIES TODAY.

1.866.370.2243 • email: info@jrundergroundllc.com
 916 Blake Street • P.O. Box 82 • Blanchardville, WI 53516
www.jrundergroundllc.com



Getting members together for dinner and networking is a time-honored MEUW tradition. It's a great opportunity to connect with public power colleagues and to hear the latest happenings with MEUW and the industry.

Thursday, April 4
 Skyline Golf Course
 Black River Falls

Cash bar at 6 p.m. and dinner at 6:30, followed by a brief program

Register online at MEUW.org

Upcoming Events

March 18 – 21	Watt-Hour Metering Workshop, Green Bay
March 26	Collections Seminar, Marshfield
April 4	5G Forum, Wisconsin Dells
April 4	District Dinner - Black River Falls
April 23	Cumberland Customer Service Roundtable
April 25	Cashton Customer Service Roundtable
April 29 – May 1	600 Amp / 24.9 KV Seminar, Hartford
April 30	Hartford Customer Service Roundtable
May 2	Waunakee Customer Service Roundtable
May 6 – 8	Excavation Safety Workshop, Waupun
May 7	Belmont Customer Service Roundtable
May 10	Wisconsin Rapids Customer Service Roundtable
May 15 – 17	90th Annual Conference, Lake Lawn Resort – Delavan
May 17	MEUW Annual Business Meeting, Delavan
May 21	Kaukauna Customer Service Roundtable
May 22	Municipal Utility and Government Day at the Capitol
June 5	Management Training Program Session B, Marshfield



WHOLE EFFLUENT TOXICITY (WET) TEST REPORT FORM

GENERAL INFORMATION			
FACILITY: City of Stoughton	WPDES PERMIT NO.: WI-0020338-08-0		
OUTFALL NO.: 001	LABORATORY NAME: ECT-Superior, WI		
RECEIVING WATER: Yahara River	Project #: 3411		

SAMPLE INFORMATION									
SAMPLE NO.	SAMPLE TYPE	SAMPLE COLLECTION		SAMPLE TEMP °C		pH at LAB	HAND DELIVER? (If Yes, ≤ 4 hr?)	HOLD TIME ≤ 36 HR?	SAMPLE ACCEPTABLE?
		BEGINNING DATE	END DATE	COLLECTION	AT LAB				
1	EFF-24C	2/24/2019	2/25/2019	3.2	0.1	7.64	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2	EFF-24C	2/26/2019	2/27/2019	7.3	0.8	7.36	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3	EFF-24C	2/28/2019	3/1/2049	3.8	1.1	7.20	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4	RW-G	2/25/2019	2/25/2019	0.5	0.3	7.76	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Describe any unusual conditions during sampling that may influence test results. (see Part 6.1.2 of the Methods Manual for examples.)
 COMMENTS: NP= Not Provided on chain of custody.

TEST INFORMATION						
Date Test Initiated: 2/26/2019			Date Test Initiated: 2/26/2019			
Tests Are For: WPDES Compliance (Required by Permit)			▼ WPDES Compliance (Required by Permit) ▼			
Date of Initial Test:						
ZID/IWC Info.:		ZID Compliance Concentration =	NA	Instream Waste Concentration=	33%	
Dilution Water:	<i>C.dubia</i>	FHM	Other	<i>C.dubia</i>	FHM	Other
	<input checked="" type="checkbox"/> RW <input type="checkbox"/> LW	<input checked="" type="checkbox"/> RW <input type="checkbox"/> LW	<input type="checkbox"/> RW <input type="checkbox"/> LW	<input checked="" type="checkbox"/> RW <input type="checkbox"/> LW	<input checked="" type="checkbox"/> RW <input type="checkbox"/> LW	<input type="checkbox"/> RW <input type="checkbox"/> LW

QA/QC CONDITIONS		
Temperatures maintained during test? (20 ± 1°C or 25 ± 1°C)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dissolved oxygen ≥ 4.0 mg/l throughout test?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Effluent pH maintained within 6.0 - 9.0 s.u. throughout test?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Concurrent or monthly reference tests within acceptable limits?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Tests conducted in a carbon dioxide atmosphere throughout test?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Were effluent samples modified prior to testing?(ex. filtration, aeration, chem addition)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

COMMENTS: Due to the higher ammonia, the chronic test was also conducted in a CO2 atmosphere throughout the whole test to control the pH.

WATER CHEMISTRY (All values were measured between 24-26°C)

SAMPLE TYPE	NO.	HARDNESS (mg/L)	ALKALINITY (mg/L)	TOTAL AMMONIA (mg/L)	pH (S.U.)	Total Residual Chlorine (mg/L)	Conductivity (µS)
Receiving Water	NA	244	212	0.5	7.76	*ND	675
Effluent	#1	328	320	12.0	7.76	*ND	1747
	#2	404	356	6.3	7.82	*ND	1825
	#3	396	360	13.5	7.66	*ND	1976
Lab Water	MHSW	84	64	NA	7.39	NA	326

COMMENTS: Receiving water was used as the primary control/dilution water. MHSW was used as the secondary control in the acute and chronic testing.
 *ND=Not Detected

ACUTE TEST CONTROL PERFORMANCE

Primary Controls		Secondary Controls	
Fathead Minnow	<i>Ceriodaphnia dubia</i>	Fathead Minnow	<i>Ceriodaphnia dubia</i>
Survival \geq 90% <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Survival \geq 90% <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Survival \geq 90% <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Survival \geq 90% <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

COMMENTS:

ACUTE TEST DATA

SPECIES	EFFLUENT TREATMENT	Percent Survival By Replicate				Mean Percent Survival
		1	2	3	4	
Fathead Minnow Age of Organism: 6 Days	Secondary Control	100	100	100	100	100.0
	Primary Control	100	100	100	100	100.0
	6.25%	100	100	100	100	100.0
	12.5%	100	100	90	100	97.5
	25%	100	100	100	100	100.0
	50%	100	100	100	100	100.0
	100%	100	100	100	100	100.0

FATHEAD MINNOW ACUTE RESULTS: $LC_{50} = >100$ $C.I.\% = NA$ $TU_a = 1.0$

Please describe any unusual behavior and/or appearance of organisms.(see Part 6.1.2 of the Methods Manual for ex.)

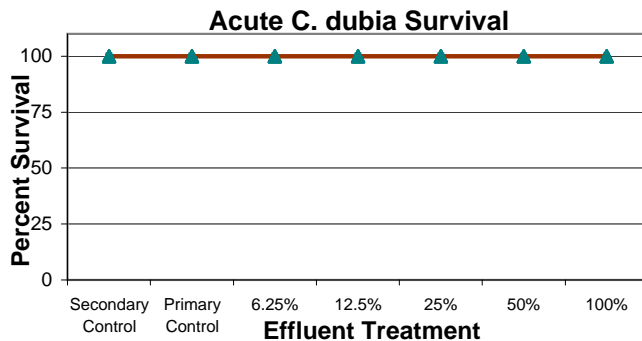
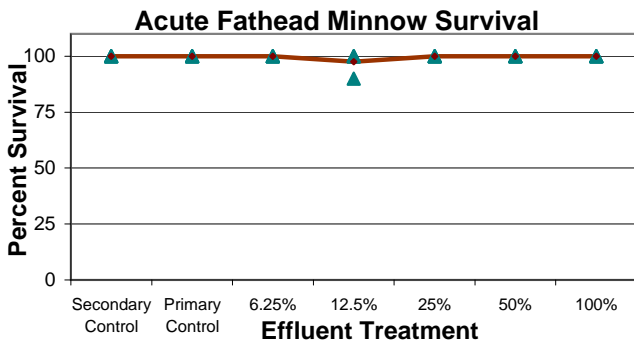
COMMENTS:

SPECIES	EFFLUENT TREATMENT	Percent Survival By Replicate				Mean Percent Survival
		1	2	3	4	
<i>Ceriodaphnia dubia</i> Age of Organism: < 24 Hours Old	Secondary Control	100	100	100	100	100.0
	Primary Control	100	100	100	100	100.0
	6.25%	100	100	100	100	100.0
	12.5%	100	100	100	100	100.0
	25%	100	100	100	100	100.0
	50%	100	100	100	100	100.0
	100%	100	100	100	100	100.0

***Ceriodaphnia dubia* ACUTE RESULTS:** $LC_{50} = >100$ $C.I.\% = NA$ $TU_a = 1.0$

Please describe any unusual behavior and/or appearance of organisms.(see Part 6.1.2 of the Methods Manual for ex.)

COMMENTS:



Facility : City of Stoughton

Permit # : WI-0020338-08-0

Acute Test Date : 2/26/2019

CHRONIC TEST CONTROL PERFORMANCE

Primary Controls		Secondary Controls	
Fathead Minnow	<i>Ceriodaphnia dubia</i>	Fathead Minnow	<i>Ceriodaphnia dubia</i>
Survival \geq 80% <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Survival $>$ 80% <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Survival \geq 80% <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Survival $>$ 80% <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
\geq 0.25 mg/fish <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	\geq 15 neonates/female <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	\geq 0.25 mg/fish <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	\geq 15 neonates/female <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dry Weight CV \leq 40% <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Reproduction CV \leq 40% <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Dry Weight CV \leq 40% <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Reproduction CV \leq 40% <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	\geq 80% 3rd brood <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		\geq 80% 3rd brood <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	\leq 20% males <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		\leq 20% males <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

COMMENTS:

CHRONIC TEST DATA

SPECIES	EFFLUENT TREATMENT	MEAN % SURVIVAL	MEAN DRY BIOMASS PER REPLICATE PAIR (mg)					MEAN BIOMASS	Dry Weight %CV
			1	2	3	4	5		
Fathead Minnow Growth & Survival Test	Secondary Control	100%	0.735	0.723	0.653	0.640	0.732	0.697	6.7
	Primary Control	100%	0.793	0.685	0.700	0.758	0.762	0.740	6.1
	12.5%	100%	0.680	0.758	0.800	0.780	0.748	0.753	
	25%	100%	0.808	0.748	0.735	0.727	0.800	0.764	
	50%	100%	0.677	0.625	0.675	0.677	0.727	0.677	
	75%	100%	0.738	0.750	0.642	0.770	0.635	0.707	
	100%	100%	0.628	0.665	0.647	0.727	0.683	0.670	

FATHEAD MINNOW CHRONIC RESULTS: IC₂₅ = >100 C.I.% = NA rTUC = 1.0

Please describe any unusual behavior and/or appearance of organisms. (see Part 6.1.2 of the Methods Manual for ex.)

COMMENTS: Permit issued 08/01/14 (rTUC= IWC/IC25, Positive for toxicity at a rTUC of greater than 1.0)

SPECIES	EFFLUENT TREATMENT	NEONATE PRODUCTION BY REPLICATE										MEAN NEONATES	%CV	% ADULT SURVIVAL
		1	2	3	4	5	6	7	8	9	10			
<i>C. dubia</i> Reproduction & Survival Test	Secondary Control	20	19	14	24	22	23	22	21	3	28	19.6	35.0	90%
	Primary Control	29	26	17	26	22	14	29	19	20	20	22.2	23.0	100%
	12.5%	20	15	15	19	LA	20	27	29	17	24	20.7		100%
	25%	20	24	18	24	17	14	26	23	27	15	20.8		100%
	50%	19	19	16	27	19	20	17	17	21	25	20.0		100%
	75%	19	22	18	20	17	24	21	18	19	20	19.8		100%
	100%	0	0	5	11	6	0	0	2	19	2	4.5		60%

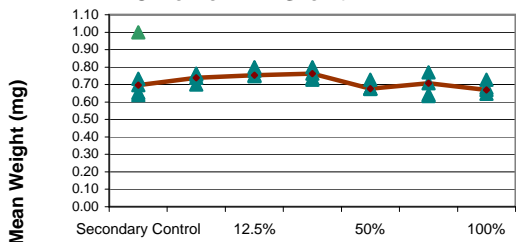
Male Production \leq 20% Over All Treatments? Yes No

***C. dubia* CHRONIC RESULTS:** IC₂₅ = 80.1 C.I.% = 76-84% rTUC = 1.0

Please describe any unusual behavior and/or appearance of organisms. (see Part 6.1.2 of the Methods Manual for ex.)

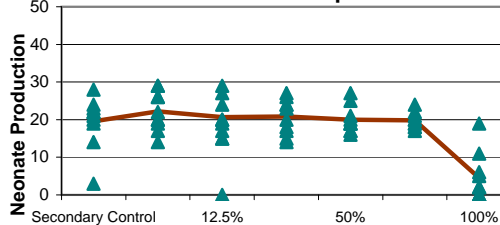
COMMENTS: Permit issued 08/01/14 (rTUC= IWC/IC25, Positive for toxicity at a rTUC of greater than 1.0)

Chronic FHM Growth



Effluent Treatment

Chronic *C. dubia* Reproduction




Effluent Treatment

Facility : City of Stoughton

Permit # : WI-0020338-08-0

Chronic Test Date : 2/26/2019

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

LAB REPRESENTATIVE:	Patrick S. Poirier	SIGNATURE:	
PHONE:	715-392-6635	LAB CERT #:	816079220
PERMITTEE REPRESENTATIVE:		SIGNATURE:	
PHONE:		DATE:	3/6/2019

Send **all 4 pages** of this form (plus any attachments or additional information which you believe to be relevant to the test) to: **Biomonitoring Coordinator, Bureau of Watershed Management, Department of Natural Resources, 101 South Webster St., P.O. Box 7921, Madison, WI 53707-7921; according to the timelines specified in your WPDES permit.**

Copies of the State of Wisconsin Aquatic Life Toxicity Testing Methods Manual (Methods Manual) and the WET Guidance Document can be obtained from the Biomonitoring Coordinator at the address given above or at: <http://dnr.wi.gov/org/water/wm/ww/biomon/biomon.htm>

TO BE COMPLETED BY THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES			
		DID TESTS PASS?	
ACUTE	Fathead Minnow	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	<i>Ceriodaphnia dubia</i>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
CHRONIC	Fathead Minnow	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	<i>Ceriodaphnia dubia</i>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Retests Required?	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____ Acute / Chronic: Both Species <i>C. dubia</i> only FHM only	
Due To:	<input type="checkbox"/> Failure <input type="checkbox"/> QA Problem		
WET Limit Violation?	<input type="checkbox"/> Yes <input type="checkbox"/> No limit in permit	Results Entered Into Database?	<input type="checkbox"/> Yes <input type="checkbox"/> No
COMMENTS:			
REVIEWED BY:		DATE:	
CC:		BASIN ENGINEER	
		PERMIT COORDINATOR	
		PERMIT FILE	

Facility : City of Stoughton
 Permit # : WI-0020338-08-0
 Test Date : 2/26/2019

Things You Should **KNOW**

Michael W. Peters, President & CEO

Monthly Wrap-Up for February 2019

Issued March 7, 2019

Things You Should Know is my monthly wrap-up for members of all things related to WPPI Energy. As always, I welcome your feedback. Hearing directly from you is critical to our ability to serve members. If you have any questions, comments or concerns, please contact me at 608-834-4557 or mpeters@wppienergy.org.

A Successful Legislative Rally.

I would like to thank each of the 40+ utility employees and local officials, representing more than 20 WPPI Energy communities from across Wisconsin, Michigan and Iowa, who attended the American Public Power Association (APPA) Legislative Rally February 25-27 in Washington, D.C. to advocate on behalf of their customers.



Participating WPPI Energy members headed to Capitol Hill to meet in person with U.S. Senators Tammy Baldwin, Joni Ernst, Chuck Grassley, Ron Johnson, Gary Peters and Debbie Stabenow, and with U.S. Representatives Bergman, Duffy, Gallagher, Grothman and Pocan. They also met with the offices of U.S. Representatives Finkenauer, Kind, Moore, Sensenbrenner and Steil.

A key topic for the meetings was the important role municipal bond financing plays in spurring public power infrastructure investments. Attendees also advocated for related improvements and modernizations to tax-exempt financing, such as reinstating tax-exempt advance refunding, simplifying private use rules and raising the current small-issuer exception limit from \$10 million to \$30 million.

Other issues our membership addressed included:

- The need to maintain local control over public power utility poles

- Keeping distributed energy resource decisions local
- Continuing to strengthen industry-government partnerships for a secure grid
- Supporting electric vehicles

It is impressive to watch our members working together for the good of the customers and communities they serve. We often hear from others in our industry that public power “fights above its weight” when it comes to advocacy, particularly because of the impact on legislators that a roomful of local utility leaders and elected and appointed officials have when they speak with unity of purpose and expert knowledge about how energy policy issues impact constituents in their districts. As for whether this allows us to fight above our weight, I would instead say that our members’ combined strength simply places us where we should be -- in the right position to promote and protect the interests of local electric customers and their communities. To all who attended, please know that your dedication and enthusiasm are greatly appreciated.

New Service: GIS Support for WPPI Energy members. As we discussed at the December WPPI Energy Board of Directors meeting, a member-led Outage Management Task Force (OMTF) met over the past two years to explore related technologies and services that could assist members who are interested in advancing their outage management capabilities. One of the group’s key findings was that a fully functional geographical information system (GIS) is the most practical starting point for many member utilities looking to take the first step.

In response, the OMTF – through the Distribution Services Advisory Group (DSAG) – developed a new service for 2019, which the Executive Committee approved during its February meeting. Under the service, WPPI Energy will assist members, managing an agreement and negotiating pricing for service from qualified GIS service providers. Thank you to the OMTF and DSAG for their significant contributions that have led to the development of this joint-action solution offering valuable savings, expertise and support to interested members. For more information, please see our current WPPI Energy Weekly Digest email to members, or contact Chris Chartier at 608-834-4514 or cchartier@wppienergy.org.

Industry Email Spoofing, Phishing Attacks Continue. Late last year, APPA notified its member public power utilities of reports from the Electricity Information Sharing and Analysis Center noting increased email spoofing attacks in the electric sector. In particular, industry personnel were receiving fabricated emails with phony invoices or holiday message attachments, which appeared to be coming from others within the industry but were in fact malicious messages carrying malware. We have seen a number of such messages as well, and since the beginning of the year, we have observed an increase in the overall number of phishing emails – messages that attempt to trick recipients into sharing account and other sensitive information or to open a malicious link or attachment – sent to users on our system.

These attacks appear more targeted and customized than those we have seen in the past in terms of their efforts to reach WPPI Energy members.

The WPPI Energy membership has long recognized the importance of protecting our systems from cyber-attack, and members have for many years had access to various protections through our joint action technology services. Cyber security training for email users remains the best defense against such attacks. WPPI Energy regularly conducts formal training to help our internal staff detect and avoid malicious emails, and we routinely test and educate employees through an ongoing anti-phishing campaign. These same training resources are available to members upon request. For more information about this training, or about other cyber security protections for your utility, please contact Ben Slager at bslager@wppienergy.org or 608-834-4513.

Educational Webinars Begin March 14. For several years now, we have hosted an annual webinar series aimed at providing member utility managers and other local utility leaders with information about WPPI Energy-specific topics or other timely and relevant electric industry issues. At 1 p.m. CST on March 14, Beth Carlson will kick off the 2019 webinar series, presenting “MyAccount: Self-Service for Customers.” For more information, including registration details, please visit our members-only website, <http://mywppi.wppienergy.org>, or see our current WPPI Energy Weekly Digest email to members. Additionally, we are in the process of developing topics for the remainder of the year. If you have a subject to suggest, please contact Kayla Pierce at kpierce@wppienergy.org or 608-834-4537.

Member Roundtable Opportunities. Last year, we started an ongoing series of roundtable gatherings for WPPI Energy member utility leaders to hold wide-ranging discussions about current issues for local communities and utilities, electric system priorities, and various issues and topics for the WPPI Energy membership. These informal, small-group meetings have proven valuable for regional groups of members to exchange ideas and insights. We will continue to facilitate these events in 2019.

We currently have two upcoming roundtable opportunities planned:

- In **Prairie du Sac** on Monday, March 18 from 10 AM to noon
- In **Florence** on Friday, March 15 from 10 AM to noon

For more information about our 2019 roundtable events, please contact Lauri Isaacson at lisaacson@wppienergy.org or 608-834-4571.

I am always open to suggestions and feedback from WPPI Energy members. If you have any questions, comments or concerns about WPPI Energy or the updates I have provided here, please don't hesitate to contact me at 608-834-4557 or mpeters@wppienergy.org.



A HELPING HAND FOR COLD WEATHER COSTS

No one should be left in the cold. If you're having trouble with winter energy costs, there is still time to apply for assistance. Wisconsin's Home Energy Assistance Program provides assistance with heating and energy costs for income qualified customers. You may apply anytime during the heating season through May 15. Visit our website for more information and to view income guidelines.

Contact Energy Assistance at 1-866-432-8947 to apply



stoughtonutilities.com
(608) 873-3379

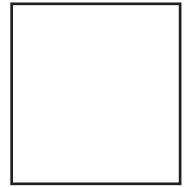
At Stoughton Utilities, we join forces with other local not-for-profit utilities through WPPI Energy to share resources and lower costs.

Shared strength through  WPPI Energy



Stoughton Utilities

600 S. 4th Street
Stoughton, WI 53589



Shared strength through  WPPI Energy

LOOK INSIDE
TO FIND OUT HOW
YOU CAN SAVE ENERGY
AND MONEY AT
[SERVICE ADDRESS].

WE ARE YOUR LOCALLY-OWNED, NOT-FOR-PROFIT UTILITY

Because we are not-for-profit, Stoughton Utilities is able to focus solely on serving you (our local customers), helping you save money and strengthening Stoughton and the local economy.

The strength of a local utility – local control, excellent service, a responsive staff and deep commitment to our neighbors – brings value to our community, making Stoughton a great place to live and work. You can learn about how Stoughton Utilities serves our customers in a manner that is uniquely beneficial for our residents and businesses at stoughtonutilities.com.



ADDITIONAL RESOURCES

Stoughton Utilities	Focus on Energy	Energy Savers	ENERGY STAR®
stoughtonutilities.com	focusonenergy.com	energysavers.gov	energystar.gov
Find energy and money saving tips and information about cash incentives, as well as manage your account.	Learn more about energy efficiency and renewable energy as well as available business programs.	Find lots of energy-savings tips for every area of your home.	Get information on the latest energy-savings appliances and more.

HOME ENERGY REPORT

Your resource for helping you save energy, water & money.

Stoughton Utilities is providing this Home Energy Report as a way to help you understand how you use electricity and water in your home. We're also sharing information and tips on how you can save on your future utility costs.

In order to make changes that will lower your utility bill, you first need to know how much electricity and water you use, and when you use it. On the next page, you'll find detailed information on electric and water usage specific to your home.

The chart provides monthly usage for the past year, and the graph shows how your 2018 usage compares to your usage in 2017.

For your total annual usage in 2018, you were billed for **X,XXX** kilowatt-hours of electricity and **X,XXX** gallons of water. The cost of these utilities was **\$X.XX** per day for electricity and **\$X.XX** per day for water.

Inside this report, you will find tips on how to save energy. Some involve modest changes in the way you use energy that don't cost a thing, while some might involve replacing inefficient appliances and other equipment around your home. Also included is information on how you can receive financial incentives to help offset the cost of making energy-efficient upgrades.

New this year, customers who have signed up for *MyAccount* will have the option to receive special offers and incentives from the utility by opting-in to email communications. Visit



our website at stoughtonutilities.com to enroll. By signing up for *MyAccount*, you will have the option to:

- View recent billing statements
- Make payments on your account
- Review energy usage
- Update account information
- Enroll in optional programs

Your local utility, Stoughton Utilities, is a resource for helping you save energy, water and money.

You can reach us during our normal business hours (8:00 a.m.-4:00 p.m. Monday-Friday). Our website is available anytime, and there you'll find a lot of information to help you save. Visit us at stoughtonutilities.com.

We hope you find this Home Energy Report a useful tool for understanding your energy use.

Sincerely,

Brian Hoops
Assistant Utilities Director, Stoughton Utilities



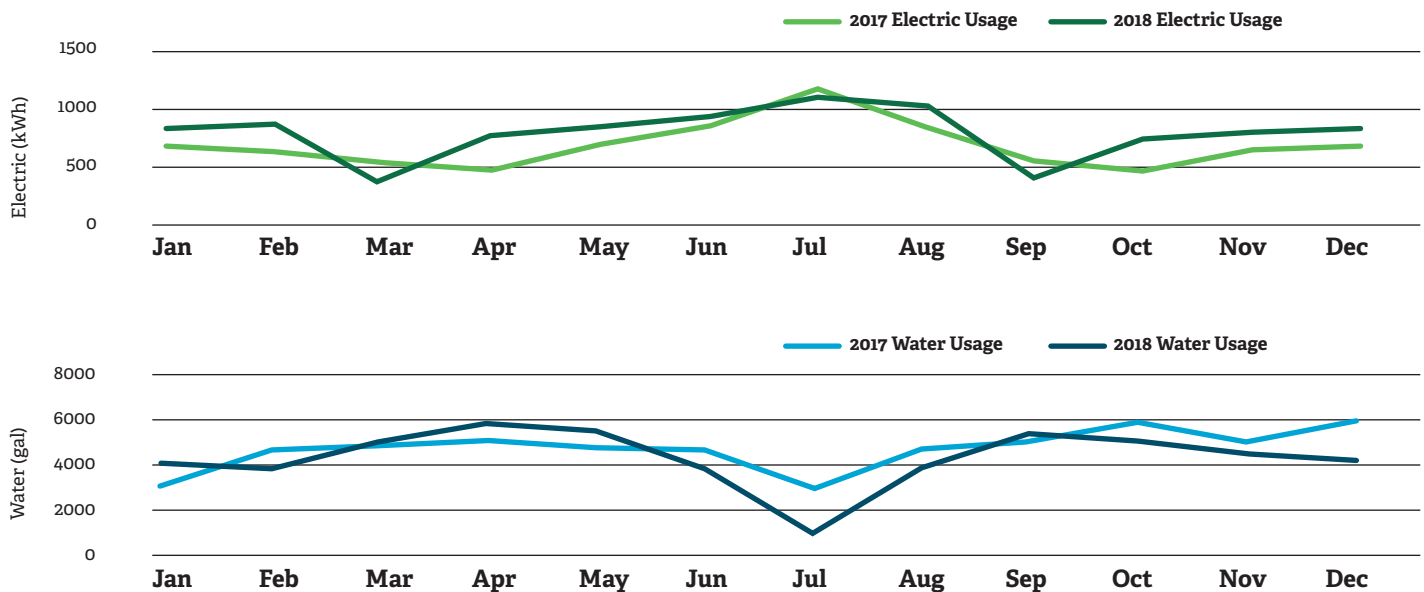
600 S. 4th Street, Stoughton, WI 53589
stoughtonutilities.com
608-873-3379

PERSONAL UTILITY DATA FOR: [SERVICE ADDRESS]

YOUR UTILITY USAGE HISTORY

The graphs below compare your home's utility usage over a 12-month period. Many things affect how a home uses energy and water: the home's age, type of heating system and number of occupants are just a few. [If you would like to examine your home's energy use in more detail, log in to MyAccount at stoughtonutilities.com.](#)

Bill Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Electric Usage (kWh)	x	x	x	x	x	x	x	x	x	x	x	x
Amt Billed for Electricity	x	x	x	x	x	x	x	x	x	x	x	x
Water Usage (gal)	x	x	x	x	x	x	x	x	x	x	x	x
Amt Billed for Water	x	x	x	x	x	x	x	x	x	x	x	x
Avg Daily Temp (°F)	x	x	x	x	x	x	x	x	x	x	x	x



HOW DOES YOUR USAGE COMPARE?

IF YOU ARE LOWER THAN AVERAGE...

Good job! You're on the right track. Read on for more tips and valuable incentives!

IF YOU ARE HIGHER THAN AVERAGE...

There may be items in your house that cause your usage to be higher such as electric water heaters, electric space heaters, etc. Check out [stoughtonutilities.com](#) or give us a call to learn how to reduce your usage.

Your 2018 Totals

Your Electricity Usage

XXX kWh

Your Water Usage

XXX gal

Average Annual Usage in our Community

Home Size	Electricity (kWh)	Water (gal)
<1,000 sq ft	X	X
1,001-1,250 sq ft	X	X
1,251-1,500 sq ft	X	X
1,501-1,750 sq ft	X	X
1,751-2,000 sq ft	X	X
>2,000 sq ft	X	X

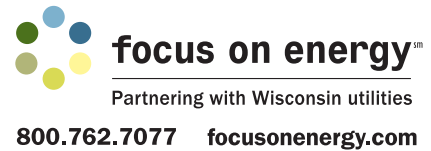
CASH-BACK REWARDS AVAILABLE

Energy-Saving Measure	Reward	Offered by
ENERGY STAR Appliance Rebate	\$25	Stoughton Utilities
Smart Thermostat Rebate	\$75/25	Focus on Energy/Stoughton Utilities
Appliance Recycling	\$20	Focus on Energy
High Efficiency natural gas furnace	Up to \$525	Focus on Energy
Modulating natural gas boiler	Up to \$550	Focus on Energy
Air source heat pump	\$300	Focus on Energy
Furnace blower ECM replacement	\$100	Focus on Energy
Whole home insulation and air sealing	up to \$2,250	Focus on Energy
LED lighting	In-store discounts	Participating Retailers

NOTE: Each program and measure has specific equipment qualifications and limits on incentives, and may be subject to change. Stoughton Utilities offers incentives throughout the year. Visit our website at stoughtonutilities.com for details.

SAVE MORE AND WORRY LESS

Discover a ton of great ways to save energy dollars through our partnership with Focus on Energy. Get practical tips for a more efficient home, cash-back rewards on energy efficient products, and more. Now you can save more and worry less. For more information on Focus on Energy programs, call **800-762-7077** or visit **focusonenergy.com** today.



LOCAL AND STATEWIDE PROGRAMS CAN HELP YOU SAVE

CHOOSE RENEWABLE

It only takes a little bit to make a difference to the environment. An extra three dollars a month, to be exact. That's all it costs to power up a portion of your home with a block of renewable energy—clean, affordable, “never running out” power from natural resources like wind, solar and biogas. And the more renewable energy we use, the less coal, oil and natural gas we'll burn, which can have a dramatic effect on the air we breathe.

Plus, when you purchase renewable energy, you help us to invest in new, energy-efficient alternatives that will help control energy costs in the future. Participating is easy—call us today.

Visit stoughtonutilities.com for program requirements and other local program offerings to help you save energy and money.

LOOKING TO REDUCE YOUR USAGE?

Buy ENERGY STAR certified appliances. Focus on Energy is offering instant discounts on efficient dryers, freezers, refrigerators and dishwashers. Look for the Focus on Energy signage at your preferred retailer. Save even more by applying for a \$25 rebate from Stoughton Utilities when you purchase an ENERGY STAR appliance.

Switch to LED lighting. LED lighting uses 10 times less energy and lasts up to 50 times longer than incandescent lighting.

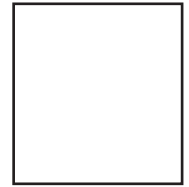
Install a smart thermostat. By properly setting and maintaining programmable thermostat settings, you can save up to \$180 per year. Get an additional \$25 incentive from Stoughton Utilities when you fill out our Smart Thermostat Rebate Form.

Reduce water flow. Low-flow showerheads and faucet aerators can save water and energy. Less hot water used reduces the energy needed for water heating.



Stoughton Utilities

600 S. 4th Street
Stoughton, WI 53589



Shared strength through  WPPI Energy

LOOK INSIDE
TO FIND OUT HOW
YOU CAN SAVE ENERGY
AND MONEY AT
[BUSINESS NAME].

WE ARE YOUR LOCALLY-OWNED, NOT-FOR-PROFIT UTILITY

Because we are not-for-profit, Stoughton Utilities is able to focus solely on serving you (our local customers), helping you save money and strengthening Stoughton and the local economy.

The strength of a local utility – local control, excellent service, a responsive staff and deep commitment to our neighbors – brings value to our community, making Stoughton a great place to live and work. You can learn about how Stoughton Utilities serves our customers in a manner that is uniquely beneficial for our residents and businesses at stoughtonutilities.com.



ADDITIONAL RESOURCES

Stoughton Utilities	Focus on Energy	Technical Training
<p>stoughtonutilities.com</p> <p>Find energy and money saving tips and information about cash incentives, as well as manage your account.</p>	<p>focusonenergy.com</p> <p>Learn more about energy efficiency and renewable energy as well as available business programs.</p>	<p>Through Stoughton Utilities' partnership with WPPI Energy, Slipstream, and Focus on Energy, we are able to offer our commercial customers unique training opportunities around energy management and efficiency. We also offer scholarships to help you cover the cost of training courses. Contact us about our LEARN THEN EARN BONUS. Visit stoughtonutilities.com for more information.</p>

• BUSINESS NAME •

BUSINESS ENERGY REPORT

Your resource for helping you save energy, water & money.

Stoughton Utilities is providing this Business Energy Report as a way to help you understand how you use electricity and water in your business. We're also providing information and suggestions on how you can save on your energy costs.

In order to make changes that will lower your energy bill, you first need to know how much electricity and water you use, and when you use it. On the next page, you'll find detailed information on electric and water usage specific to your business.

The chart provides monthly usage for the past year, and the graph shows how your usage compares to your usage in 2017. We've also provided you with your total annual usage. In 2018, you were billed for **X,XXX** kWh of electricity and **X,XXX** gallons of water. The cost of these utilities was \$X.XX per day for electricity and \$X.XX per day for water.

Inside this report you'll find tips on how to save energy. Some involve modest changes in the way you use energy that have little or no cost, and some might involve replacing old and inefficient equipment around your business. Also included is information on how you can receive financial incentives to help offset the cost of making energy-efficient upgrades.

If you wish to learn more about how your business uses energy, or would like to find out how you can save energy and lower your monthly electric bill, we can help. Our Energy Services Representative, Cory Neeley, can review your usage with you and help to identify possible energy-saving



opportunities within your business. Please contact him via email at cneeley@stoughtonutilities.com or via phone at 608-877-7420.

Your local utility, Stoughton Utilities, is a resource for helping you save energy, water and money.

You can reach us during our normal business hours (8:00 a.m. – 4:00 p.m. Monday – Friday). Our website is available anytime, and there you'll find a lot of information to help you save. Visit us at stoughtonutilities.com.

We hope you find this Business Energy Report a useful tool for understanding your energy use.

Sincerely,

Handwritten signature of Brian Hoops

Brian Hoops
Assistant Utilities Director, Stoughton Utilities



600 S. 4th Street, Stoughton, WI 53589
stoughtonutilities.com
608-873-3379

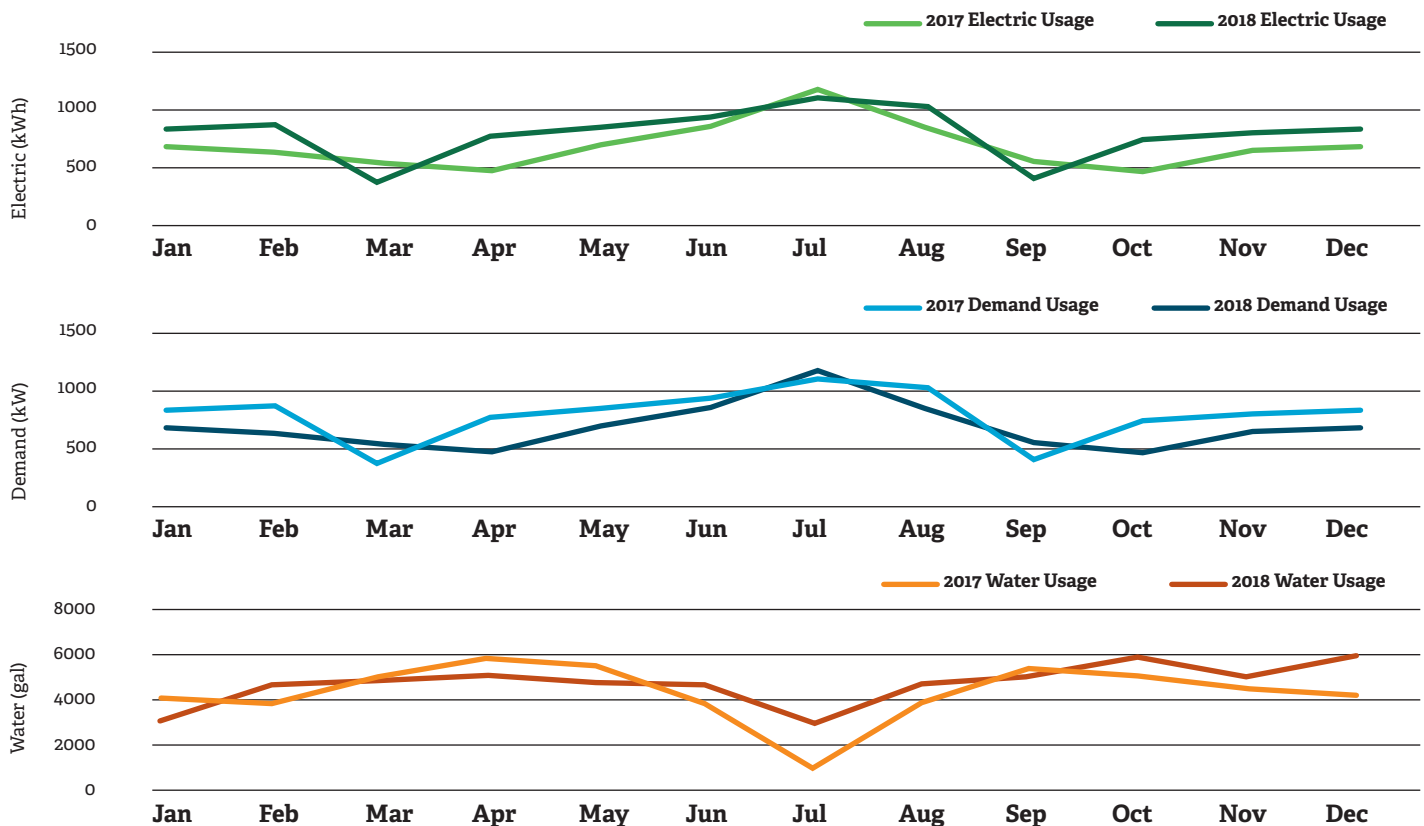
BUSINESS UTILITY DATA FOR: [BUSINESS NAME]

POWERFUL INFORMATION

The graphs below compare your business's utility usage over a 12-month period. Many things affect how a business uses energy and water: building age, type of business, equipment in use, operating hours, business practices and heating and cooling systems can all have an effect on your business's energy and water usage profile. [If you would like to examine your business's energy use in more detail, contact our Energy Services Representative, Cory Neeley, at 608-877-7420 for a complete energy assessment.](#)

Bill Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Electric Usage (kWh)	x	x	x	x	x	x	x	x	x	x	x	x
Amt Billed for Electricity	x	x	x	x	x	x	x	x	x	x	x	x
Demand (kW)	x	x	x	x	x	x	x	x	x	x	x	x
Amt Billed for Demand	x	x	x	x	x	x	x	x	x	x	x	x
Water Usage (gal)	x	x	x	x	x	x	x	x	x	x	x	x
Amt Billed for Water	x	x	x	x	x	x	x	x	x	x	x	x

Avg Daily Temp (°F)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	x	x	x	x	x	x	x	x	x	x	x	x



SHOW YOUR CUSTOMERS HOW YOU CARE FOR THE ENVIRONMENT

Consider offsetting your energy usage by participating in Choose Renewable for \$3 per block of renewable energy each month. Each \$3 block of renewable energy you buy is added to your monthly electric bill and ensures 300 kWh of electricity is generated by a renewable resource. [Log in to MyAccount to get started.](#)



Join our 100% Club

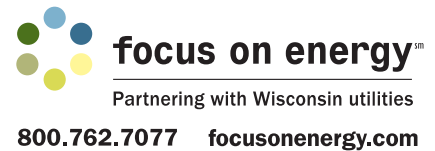
by offsetting all of your business's energy with renewable energy blocks.

BUSINESS PROGRAM INCENTIVES

Energy-Saving Measure	Reward	Offered by
Learn then Earn Program	Up to \$500	Stoughton Utilities
LED downlights	\$0.15/watt reduced	Focus on Energy
8' T12 to 4' TLED	Up to \$20/fixture	Focus on Energy
HID lighting retrofit	\$25-80/fixture	Focus on Energy
LED lighting fixtures	Up to \$30/fixture	Focus on Energy
Outdoor LED lighting fixtures	Up to \$120/fixture	Focus on Energy
Furnace, 95% or greater AFUE w/ECM	Up to \$220	Focus on Energy
Qualifying Air Conditioning systems	Up to \$30/ton	Focus on Energy
Variable Frequency Drives	Up to \$40/HP	Focus on Energy
Walk-in cooler/freezer fan motor retrofit	Up to \$50/motor	Focus on Energy
High use commercial water heater	\$400	Focus on Energy
ENERGY STAR refrigerator or freezer	Up to \$160/unit	Focus on Energy
ENERGY STAR vending machine	\$80	Focus on Energy

SAVE MORE AND WORRY LESS

Discover a ton of great ways to save through our partnership with Focus on Energy. The above table is only a sample of incentives from Focus on Energy that are available to your business. Participating in Focus on Energy business programs can help your organization manage your energy costs, control energy demand, and protect the environment. **Contact our Services Representative, Cory Neeley, at 608-877-7420 to get more information on the programs that Focus on Energy and Stoughton Utilities offer for your business.**



LOCAL PROGRAMS CAN HELP YOU SAVE

ENHANCED INCENTIVES AND SERVICES FOR YOUR FACILITY

Take advantage of additional rebate opportunities on select business program measures for compressed air, refrigeration, HVAC and lighting through the Small Business Program. In addition, low- and no-cost offerings are available.

Businesses that use less than an average of 40,000 kWh in July and August may qualify for these rebates. To see if your business qualifies or to get more information, call Focus on Energy at 800-762-7077 or our Energy Services Representative, Cory Neeley, at 608-877-7420.

LOOKING TO REDUCE YOUR USAGE?

Retrofit old T12 or T8 linear fluorescent lamps with LED fixtures. They'll last much longer and will save a significant amount of energy over their lifetime.

Buy ENERGY STAR® qualified products for your business. ENERGY STAR products are available when purchasing computers, printers, copiers, appliances, thermostats, commercial kitchen equipment, ceiling fans, televisions and more.

Fix all leaks. Even small leaks can add up to many gallons of water (and dollars) wasted each month.





Stoughton Utilities

600 South Fourth Street
P.O. Box 383
Stoughton, WI 53589-0383

Serving Electric, Water & Wastewater Since 1886

Date: March 12, 2019

To: Stoughton Utilities Committee

From: Jill M. Weiss, P.E.
Stoughton Utilities Director

Subject: Status of the Utilities Committee recommendation(s) to the Stoughton Common Council

The following items from prior Stoughton Utilities Committee Meeting(s) were presented to and/or acted upon by the Stoughton Common Council at their February 26, 2019 meeting:

Consent Agenda:

1. Minutes of the January 14, 2019 Utilities Committee Meeting
2. Stoughton Utilities January Payments Due List Report
3. Stoughton Utilities December 2018 Financial Summary
4. Stoughton Utilities December 2018 Statistical Report

Business:

1. Bad Debt Account Write-Offs through December 31, 2018



Stoughton Utilities

600 South Fourth Street
P.O. Box 383
Stoughton, WI 53589-0383

Serving Electric, Water & Wastewater Since 1886

Date: March 12, 2019

To: Stoughton Utilities Committee

From: Jill M. Weiss, P.E.
Stoughton Utilities Director

Subject: Appointment of Jill M. Weiss as Director to the WPPI Energy Board of Directors

Stoughton Utilities Director Jill M. Weiss, P.E. began employment on March 4, 2019. Historically since joining WPPI Energy as a member/owner in 2003, the Utilities Director has served as the appointed Director to the WPPI Energy Board of Directors. Director Weiss has previously served as a Director to the WPPI Energy Board of Directors while in her role as Utilities Director of Jefferson Utilities, and her education and background makes her the best qualified to serve as the Director representing Stoughton Utilities.

Accordingly, I am requesting that the Stoughton Utilities Committee approve the appointment of Jill M. Weiss as the Director representing Stoughton Utilities on the WPPI Energy Board of Directors, and recommend the appointment and the adoption of the corresponding resolution to the Stoughton Common Council on March 26, 2019.

City of Stoughton, 381 E Main Street, Stoughton WI 53589

RESOLUTION TO THE STOUGHTON UTILITIES COMMITTEE AND THE STOUGHTON COMMON COUNCIL

Authorizing and directing the proper City officials to approve the appointment of Stoughton Utilities Director Jill M. Weiss as the Director to the WPPI Energy Board of Directors.

Committee Action:

Fiscal Impact: None.

File Number: R-XXX-2019

Date Introduced: March 26, 2019

WHEREAS, it is in the best interests of the City of Stoughton through Stoughton Utilities to be a member of WPPI Energy, and

WHEREAS, as a member of WPPI Energy, the City of Stoughton's Director to the Board of Directors has historically been former Stoughton Utilities Director Robert P. Kardasz, P.E., and

WHEREAS, Stoughton Utilities Director Jill M. Weiss, P.E. began employment with Stoughton Utilities on March 4, 2019, and

WHEREAS, your Stoughton Utilities Committee met on March 18, 2019 to consider, approve, and recommend Stoughton Utilities Director Jill M. Weiss to fill the role as the Director to the WPPI Energy Board of Directors, now therefore

BE IT RESOLVED by the Common Council of the City of Stoughton that the proper city official(s) be hereby directed and authorized to appoint Stoughton Utilities Director Jill M. Weiss as the Director to the WPPI Energy Board of Directors.

Council Action: **Adopted** **Failed** **Vote** _____

Mayoral Action: **Accept** **Veto**

Timothy Swadley, Mayor

Date

Council Action: _____ **Override** **Vote** _____



Stoughton Utilities

600 South Fourth Street
P.O. Box 383
Stoughton, WI 53589-0383

Serving Electric, Water & Wastewater Since 1886

Date: March 12, 2019
To: Stoughton Utilities Committee
From: Jill M. Weiss, P.E.
Stoughton Utilities Director
Subject: Approval of the 2019 Water Infrastructure Reconstruction Project

At its September 17, 2018 meeting, the Stoughton Utilities Committee unanimously approved the Stoughton Utilities Proposed 2019 Budget and Five Year (2019 – 2023) Capital Improvement Projects (CIP) Plan. The budget and CIP was subsequently unanimously approved by the City of Stoughton Common Council at their November 13, 2018 meeting.

Project areas included in the Water Utility CIP are Lowell Street, from Monroe to Page; South Monroe Street, from Main to Lowell; and the full length of Patterson Street. Approved funding for these projects was \$690,000, with an additional \$15,000 included in the CIP for lead service replacements.

Following approval by the Utilities Committee and Common Council, final design work for the approved projects commenced. During this time, Stoughton Utilities staff and our consulting engineer discussed the benefits of slightly expanding the project scope to include one block of South Monroe Street, from Main to Patterson. This block is between the approved project areas of Patterson Street to the north, and the remainder of South Monroe Street to the south. Justification for investigating the possibility of expanding the project scope include the facts that the existing water main is approximately 100 years old and is undersized (4”), as well as the presence of five public lead services. This block will be undergoing work to replace existing sanitary sewer, and the roadway will be reconstructed including curb and gutter spot repairs. The expanded water main and service replacement scope of work was included in the bidding documents as Alternative Bid No. 1.

The low bidder for the project was Advance Construction, Inc., with costs for the base-scope water system reconstruction totaling \$703,029. The Alternative Bid No. 1 adds an additional cost of \$68,923.75 for the expanded scope, for a total of \$771,952.75.

Stoughton Water Utility no longer plans to participate in the 2020 DOT Main Street Reconstruction project, which will reduce our 2020 CIP by \$608,000.

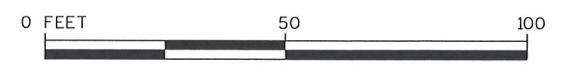
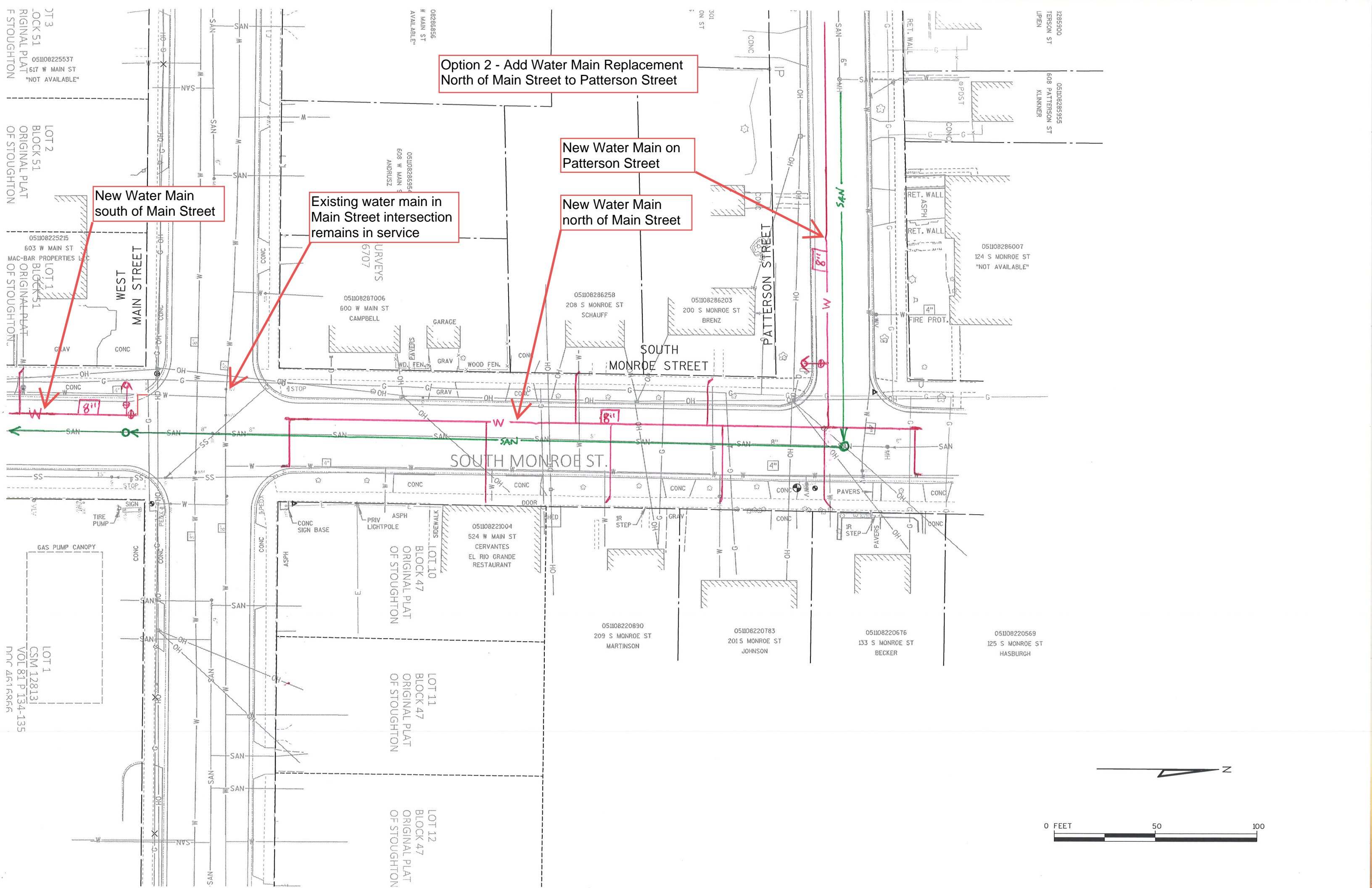
Based on the age and size of the water main in the block of South Monroe being added to the scope, along with the presence of lead water services, I am requesting that the Stoughton Utilities Committee approve accepting the low project bid of \$771,952.75, including the Alternative Bid No. 1, and recommend approval to the Stoughton Common Council on March 26, 2019.

City of Stoughton
2019 Street and Utility Reconstruction - Contract 1-2019
Preliminary Breakdown of Construction Costs

Item	Sewer Utility	Water Utility	Elec. Utility	Storm Sewer	Street	Total
Sanitary Sewer Bid Items	\$803,991.50					\$803,991.50
Water Main Bid Items (Base Bid)		\$598,479.00				\$598,479.00
Water Main Bid Items (Alternative Bid No. 1)		\$68,923.75				\$68,923.75
Electric Utility Bid Item			\$400.00			\$400.00
Storm Sewer Bid Items				\$248,011.00		\$248,011.00
Street Construction Bid Items					\$1,231,390.25	\$1,231,390.25
Traffic Control	\$11,250.00	\$11,250.00		\$5,625.00	\$28,125.00	\$56,250.00
Main Street Detour	\$1,225.00			\$1,225.00		\$2,450.00
Erosion Control	\$1,500.00	\$1,500.00		\$750.00	\$3,750.00	\$7,500.00
Adjustment for Curb and Gutter	\$0.00	\$0.00			\$0.00	\$0.00
Adjustment for Sidewalk	\$0.00	\$0.00			\$0.00	\$0.00
Adjustment for Asphalt Trench Patch	\$94,200.00	\$91,800.00			(\$186,000.00)	\$0.00
Total	\$912,166.50	\$771,952.75	\$400.00	\$255,611.00	\$1,077,265.25	\$3,017,395.50
Adjustment for Retainage	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Cumulative Cost Through this Pay Request	\$912,166.50	\$771,952.75	\$400.00	\$255,611.00	\$1,077,265.25	\$3,017,395.50
Previous Pay Request Payments	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Amount due this Pay Request	\$912,166.50	\$771,952.75	\$400.00	\$255,611.00	\$1,077,265.25	\$3,017,395.50

Projects:	Funding:	2019	2020	2021	2022	2023	Total:
2018-2023 Main Replace Engineering	Revenue Bonds	\$117,500.00	\$244,500.00	\$46,110.00	\$80,933.00	\$61,320.00	\$550,363.00
2019 Main replace- Lowell: Monroe to Page (K)	Revenue Bonds	\$225,000.00	\$ -	\$ -	\$ -	\$ -	\$225,000.00
2019 Main replace- Monroe: Main to Lowell (L)	Revenue Bonds	\$335,000.00	\$ -	\$ -	\$ -	\$ -	\$335,000.00
2019 Main replace- Patterson	Revenue Bonds	\$130,000.00	\$ -	\$ -	\$ -	\$ -	\$130,000.00
2020 Main replace- Harrison: Harding to Clyde (M)	Revenue Bonds	\$ -	\$208,000.00	\$ -	\$ -	\$ -	\$208,000.00
2020 Main replace- Johnson: Harding to Clyde (N)	Revenue Bonds	\$ -	\$212,000.00	\$ -	\$ -	\$ -	\$212,000.00
2020 Main replace- Main: Van Buren to Page (J)	Revenue Bonds	\$ -	\$608,000.00	\$ -	\$ -	\$ -	\$608,000.00
2020 Main replace- Prospect: Page to Mckinley (O)	Revenue Bonds	\$ -	\$337,000.00	\$ -	\$ -	\$ -	\$337,000.00
2020 Main replace- Randolph: Page to Summit Ave.	Revenue Bonds	\$ -	\$265,000.00	\$ -	\$ -	\$ -	\$265,000.00
2021 Main replace- Madison: Harding to Clyde (Q)	Utility Reserve	\$ -	\$ -	\$153,700.00	\$ -	\$ -	\$153,700.00
2021 Main replace- Monroe: Harding to Clyde (P)	Utility Reserve	\$ -	\$ -	\$153,700.00	\$ -	\$ -	\$153,700.00
2022 Main replace- Harding: Page to Grant (R)	Utility Reserve	\$ -	\$ -	\$ -	\$114,450.00	\$ -	\$114,450.00
2022 Main replace- Wilson: Madison to Taft (S)	Utility Reserve	\$ -	\$ -	\$ -	\$425,100.00	\$ -	\$425,100.00
2023 Main replace- Prairie: Taft to McKinley (T)	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$78,400.00	\$78,400.00
2023 Main replace- Taft: Prairie to Wilson (U)	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$330,400.00	\$330,400.00
Large Meter Replacements	Revenue Bonds	\$50,000.00	\$50,000.00	\$ -	\$ -	\$ -	\$100,000.00
Lead Service Replacements	Utility Reserve	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$75,000.00
Meters - New and Replacements	Utility Reserve	\$25,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$65,000.00
Well #4 - Rehab (last rehab 2015)	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$25,000.00	\$25,000.00
Projects Section Total:		\$897,500.00	\$1,949,500.00	\$378,510.00	\$645,483.00	\$520,120.00	\$4,391,113.00

Grand Total:	\$897,500.00	\$1,949,500.00	\$378,510.00	\$645,483.00	\$520,120.00	\$4,391,113.00
---------------------	---------------------	-----------------------	---------------------	---------------------	---------------------	-----------------------





Stoughton Utilities

600 South Fourth Street
P.O. Box 383
Stoughton, WI 53589-0383

Serving Electric, Water & Wastewater Since 1886

Date: March 12, 2019
To: Stoughton Utilities Committee
From: Jill M. Weiss, P.E.
Stoughton Utilities Director
Subject: Approval of the 2019 Sanitary Sewer Infrastructure Reconstruction Project

At its September 17, 2018 meeting, the Stoughton Utilities Committee unanimously approved the Stoughton Utilities Proposed 2019 Budget and Five Year (2019 – 2023) Capital Improvement Projects (CIP) Plan. The budget and CIP was subsequently unanimously approved by the City of Stoughton Common Council at their November 13, 2018 meeting.

Project areas included in the Wastewater Utility CIP are Lowell Street, from Monroe to Page; South Monroe Street, from Jefferson to Lowell; South Monroe Street, from Main to Patterson; and the full length of Patterson Street. Approved funding for these projects was \$799,000.

Following approval by the Utilities Committee and Common Council, final design work for the approved projects commenced. During this time, Stoughton Utilities staff and our consulting engineer discussed several recommended bid additions, including sanitary sewer repairs on Main Street where the existing main has deteriorated to the point that it can no longer be maintained. The City of Stoughton will also be completing reconstruction work of the stormwater sewer in this block, and any sanitary sewer work is required to be completed prior to the planned 2020 DOT Main Street Reconstruction Project. Other scope additions included thicker wall PVC for deep sanitary sewer main and laterals, and a petroleum separator for potential contaminated groundwater if needed.

The low bidder for the project was Advance Construction, Inc., with costs for the sanitary sewer system reconstruction totaling \$912,166.50.

Following receipt of the bid, Stoughton Utilities staff met with our consulting engineer to review the project scope and determine if any aspects of the project could be reduced or eliminated in order to meet the budgeted amounts included in the approved CIP. A thorough analysis of maintenance and televising records indicated that the sanitary sewer system throughout the full project area is in need of replacement, and the recommendation was made that no project areas be excluded.

Stoughton Wastewater Utility no longer plans to participate in the 2020 DOT Main Street Reconstruction project, which will reduce our 2020 CIP by \$541,000.

Based on the age and condition of the existing sanitary sewer collection system in the project area, as well as the need to perform reconstruction work on Main Street, I am requesting that the Stoughton Utilities Committee approve accepting the low project bid of \$912,166.50, and recommend approval to the Stoughton Common Council on March 26, 2019.

City of Stoughton
2019 Street and Utility Reconstruction - Contract 1-2019
Preliminary Breakdown of Construction Costs

Item	Sewer Utility	Water Utility	Elec. Utility	Storm Sewer	Street	Total
Sanitary Sewer Bid Items	\$803,991.50					\$803,991.50
Water Main Bid Items (Base Bid)		\$598,479.00				\$598,479.00
Water Main Bid Items (Alternative Bid No. 1)		\$68,923.75				\$68,923.75
Electric Utility Bid Item			\$400.00			\$400.00
Storm Sewer Bid Items				\$248,011.00		\$248,011.00
Street Construction Bid Items					\$1,231,390.25	\$1,231,390.25
Traffic Control	\$11,250.00	\$11,250.00		\$5,625.00	\$28,125.00	\$56,250.00
Main Street Detour	\$1,225.00			\$1,225.00		\$2,450.00
Erosion Control	\$1,500.00	\$1,500.00		\$750.00	\$3,750.00	\$7,500.00
Adjustment for Curb and Gutter	\$0.00	\$0.00			\$0.00	\$0.00
Adjustment for Sidewalk	\$0.00	\$0.00			\$0.00	\$0.00
Adjustment for Asphalt Trench Patch	\$94,200.00	\$91,800.00			(\$186,000.00)	\$0.00
Total	\$912,166.50	\$771,952.75	\$400.00	\$255,611.00	\$1,077,265.25	\$3,017,395.50
Adjustment for Retainage	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Cumulative Cost Through this Pay Request	\$912,166.50	\$771,952.75	\$400.00	\$255,611.00	\$1,077,265.25	\$3,017,395.50
Previous Pay Request Payments	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Amount due this Pay Request	\$912,166.50	\$771,952.75	\$400.00	\$255,611.00	\$1,077,265.25	\$3,017,395.50

Projects:	Funding:	2019	2020	2021	2022	2023	Total:
2018-2023 Main Replace Engineering	Utility Reserve	\$117,500.00	\$129,900.00	\$48,750.00	\$53,250.00	\$18,600.00	\$368,000.00
2019 Lowell: Monroe to Page (1140')(J)	Utility Reserve	\$266,333.00	\$ -	\$ -	\$ -	\$ -	\$266,333.00
2019 Monroe: Jefferson to Lowell & south end (WT)(K)1130	Utility Reserve	\$271,556.00	\$ -	\$ -	\$ -	\$ -	\$271,556.00
2019 Patterson & Monroe (1115')(ST)(WT)	Utility Reserve	\$261,111.00	\$ -	\$ -	\$ -	\$ -	\$261,111.00
2020 Main: Page to Van Buren (ST)(I)	Utility Reserve	\$ -	\$541,000.00	\$ -	\$ -	\$ -	\$541,000.00
2020 Prospect: Page to Grant (WT)(L)	Utility Reserve	\$ -	\$140,000.00	\$ -	\$ -	\$ -	\$140,000.00
2020 Randolph: Summit to Page (641')(ST)	Utility Reserve	\$ -	\$185,000.00	\$ -	\$ -	\$ -	\$185,000.00
2021 Lining: Jefferson, Monroe, Mandt Pkwy	Utility Reserve	\$ -	\$ -	\$150,000.00	\$ -	\$ -	\$150,000.00
2021 Moline: Academy to 1218 Moline (850')	Utility Reserve	\$ -	\$ -	\$175,000.00	\$ -	\$ -	\$175,000.00
2022 South: Page to Van Buren (1575')(ST)(WT)	Utility Reserve	\$ -	\$ -	\$ -	\$355,000.00	\$ -	\$355,000.00
2023 Taft: Page to Grant (WW)(P)	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$124,000.00	\$124,000.00
Lift station: Eighth	Developer Financed	\$ -	\$ -	\$ -	\$400,000.00	\$ -	\$400,000.00
Lift station: Vennevoll - Control Panel	Utility Reserve	\$25,000.00	\$ -	\$ -	\$ -	\$ -	\$25,000.00
Permit Reissuance	Utility Reserve	\$ -	\$ -	\$ -	\$3,000.00	\$ -	\$3,000.00
Plant Replace Main Building Bioler	Utility Reserve	\$18,000.00	\$ -	\$ -	\$ -	\$ -	\$18,000.00
Plant Replace RTU # 102 GBT Building	Utility Reserve	\$24,000.00	\$ -	\$ -	\$ -	\$ -	\$24,000.00
Plant: Facilities studies	Utility Reserve	\$ -	\$40,000.00	\$ -	\$ -	\$ -	\$40,000.00
Plant: LRSP-C Phosphorus Bulk Chemical Storage Projecy	Utility Reserve	\$ -	\$ -	\$ -	\$225,000.00	\$ -	\$225,000.00
Plant: LRSP-E Effluent Reaeration Project	Utility Reserve	\$5,000.00	\$ -	\$ -	\$ -	\$ -	\$5,000.00
Plant: LRSP-F PH adjustment project	Utility Reserve	\$ -	\$ -	\$ -	\$385,000.00	\$ -	\$385,000.00
Plant: MMSD Full Scale Adaptive Management	Utility Reserve	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$10,000.00
Plant: Primary clarifiers 1 & 2: Chains and wear stripes	Utility Reserve	\$ -	\$ -	\$ -	\$78,000.00	\$ -	\$78,000.00
Plant: UV disinfection upgrade	Utility Reserve	\$ -	\$ -	\$ -	\$170,000.00	\$ -	\$170,000.00
Sanitary Sewer Rehab: Replace manholes and mains	Utility Reserve	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$150,000.00
Sanitary Sewer System Study	Utility Reserve	\$30,000.00	\$ -	\$ -	\$ -	\$ -	\$30,000.00

Projects Section Total: \$1,050,500.00 \$1,067,900.00 \$405,750.00 \$1,701,250.00 \$174,600.00 \$4,400,000.00

Grand Total:	\$1,050,500.00	\$1,067,900.00	\$405,750.00	\$1,701,250.00	\$174,600.00	\$4,400,000.00
---------------------	-----------------------	-----------------------	---------------------	-----------------------	---------------------	-----------------------

Brian Hoops

From: Fisher, Mark <Mark.Fisher@strand.com>
Sent: Monday, February 25, 2019 11:25 AM
To: Brian Erickson
Subject: 2019 Utility Construction

Brian,

As we discussed, this e-mail will discuss several items included in the 2019 Utility Construction project that were not in the scope of the originally budgeted project:

6-IN Sanitary Sewer Stub (Lowell at Prairie)	40 LF @ \$67.50/LF	= \$2,700
8-IN Sanitary Sewer Stub (east at South Street)	55 LF @ \$73.80/LF	= \$4,059
Manhole on Sanitary Sewer Stub at South Street	1 @ \$3,312	= \$3,312
Manhole Replacements (Oak Street , Garfield Street) each	2 @ \$5,528	= \$11,056
Petroleum Separator (for potential contaminated groundwater if needed)	1 LS @ \$15,000	= \$15,000
Use of SDR 26 PVC (thicker wall) for deep sanitary sewer and laterals	780 LF @ \$23.80/LF	= \$18,564
Main Street/Harrison Street Sanitary Sewer Below)	(Breakdown	= \$49,302
272 LF 8-inch Sanitary Sewer @ \$74/LF		
2 manholes @ \$3,312/each		
500 tons granular backfill @ \$13.50/Ton		
2 Water Main Offsets @ \$3,750		
50% Share of Detour = \$1,300		
Pavement Restoration = \$7,000		

Total of All Above Items **\$103,993**

In addition to the above items, we have increased the quantity of granular backfill anticipated based on the soil borings/geotechnical report.

Please contact me with any questions.

Thanks,

Mark Fisher



Stoughton Utilities

600 South Fourth Street
P.O. Box 383
Stoughton, WI 53589-0383

Serving Electric, Water & Wastewater Since 1886

Date: March 12, 2019
To: Stoughton Utilities Committee
From: Jill M. Weiss, P.E.
Stoughton Utilities Director
Subject: Stoughton Utilities 2018 Annual Water Consumer Confidence Report

The United States Environmental Protection Agency (US EPA) specifies in the Safe Drinking Water Act that community water systems be required to deliver educational information on water quality to their consumers. This Consumer Confidence Reports (CCR) provides Americans with important information about their local drinking water quality.

The CCR provides information concerning water quality for the previous monitoring year, and must be distributed to consumers annually prior to July 1. The 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 (WDNR).

We have completed all required water quality monitoring, sampling, and testing, and no significant changes to the quality or safety of our drinking water were noted.

Stoughton Utilities certifies that a “good faith” effort to provide this information to all consumers is made, as per the standards and requirements set forth by the WDNR. Copies of the CCR will be posted in several public places, delivered to numerous community organizations, and published online. Notifications that the CCR is available to be viewed online are delivered to consumers through the Stoughton Tower Times, temporary and permanent messages on the utility billing statements, temporary and permanent messages on the Stoughton Utilities website homepage, and email messages to those customers that are enrolled in paperless E-Billing.



For more information on:

- Account AutoPay
- Billing Inquiries
- Budget Billing Plan
- *My Account* Online
- Paperless E-Billing
- Payment by Phone
- RoundUP Community Donation
- Water Conservation
- Water, Wastewater and Electric Rates

2018 Drinking Water Quality Report

600 S. Fourth Street
P.O. Box 383
Stoughton, WI 53589

(608) 873-3379
www.stoughtonutilities.com

Educational information:

The sources of drinking water, whether it is obtained from the tap or store bought; include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals and from human activity.

Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.
- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff and septic systems.
- Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, the United States Environmental Protection Agency (EPA) prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water, which shall provide the same protection for public health.

All 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 the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline at (800) 426-4791.

Water facts:

Approximately 400 billion gallons of water are used in the United States per day.

Each American uses an average of 88 gallons of water each day at home.

The average American household uses over 100,000 gallons of water each year.

97% of earth's water is ocean or sea and another 2% is frozen. This leaves less than 1% of earth's water available for domestic, commercial, agricultural and industrial practices.

On average, an automatic dishwasher uses 9-12 gallons of water. Washing dishes by hand uses on average 10-20 gallons of water.

Household leaks can waste approximately 900 billions of gallons of water annually, this is equal to the annual household use of nearly 11 million homes.

Nearly 40,000 gallons of water are used to produce a new car.

300 million gallons of water are used to produce one day of US newsprint.

Additional health information:

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. Stoughton 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 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 at www.epa.gov/safewater/lead.

Nitrate in drinking water at levels above 10 ppm is a health risk for infants of less than 6 months of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate level may rise quickly for short periods because of rainfall or agricultural activity. If you are caring for an infant, you should ask advice from your health care provider.

Ongoing system improvements:

Like most water systems across the country, Stoughton Utilities has aging underground infrastructure, and some critical elements have exceeded their service lifespan. When possible, this infrastructure is scheduled for repair or replacement.

The Stoughton Utilities Water Main Replacement Project is an ongoing program to replace aged pipelines each year. New water main is sized to best service the community and provide adequate fire flow. New water main provides reliable service, and reduces the likelihood of water main breaks that have the potential to damage homes and businesses.

In 2019, scheduled infrastructure rehabilitation and water main replacement projects include:

- Patterson Street, east from South Harrison Street to South Monroe Street
- South Monroe Street, south from Patterson Street to Lowell Street
- Lowell Street, east from South Monroe Street to South Page Street

How do I report a water problem?

If you experience any problems with your water, or if you witness anything suspicious at our facilities, please call the customer service department emergency line anytime, 24 hours a day, seven days a week, at (608) 873-3379.

Household faucet aerators:

WI DNR suggest homeowners remove and clean the aerators on all household faucets used for drinking or cooking monthly. Over time, mineral sediment can build up inside the aerator, and potentially contaminate drinking water.

Diggers Hotline:

Did you know that you *must* contact Diggers Hotline before any project that involves any digging in your yard? State law requires you to contact Diggers Hotline any time the soil is disturbed.

This requirement exists for your safety and to protect you from legal liability. If you do not contact Digger's Hotline and you damage any underground infrastructure while digging, you will be held liable for all repair costs and other damages.

At least three days before you dig, you can contact Diggers Hotline 24 hours a day, seven days a week, 365 days a year. Simply call (800) 242-8511, or dial **811**. You can also submit your request online on www.DiggersHotline.com.

Introduction:

Once again, the employees of Stoughton Utilities are pleased to provide you with this year's annual Drinking Water Quality Report. We are proud to announce that we continue to meet or surpass all state and federal water quality standards under the Safe Drinking Water Act.

We want you to understand the efforts we make continually to improve water quality and protect our water resources. We are committed to ensuring the quality of your water remains at the highest possible level.

Water quality testing and results:

Stoughton Utilities routinely monitors for constituents in your drinking water in accordance with state and federal laws.

The following Table A. shows the results of our monitoring for the period from January 1, 2018, through December 31, 2018 (unless otherwise noted). Please note that only water parameters that had a detect are listed. If you would like to see the other constituents that were tested for, but did not have any detects, please contact us.

In this table, you will find many terms and abbreviations of which you might not be familiar. To help you understand these terms, we have provided the following definitions:

- **Parts per million (ppm) or Milligrams per liter (mg/l):** One part per million corresponds to 1 inch in 16 miles, or 1 car in bumper to bumper traffic from Cleveland to San Francisco.
- **Parts per billion (ppb) or Micrograms per liter:** One part per billion corresponds to 1 second in 32 years, or a single sheet of toilet paper in a roll stretching from New York City to London.
- **Picocuries per liter (pCi/l):** Picocuries per liter is a measure of the radioactivity in water.
- **Action Level (AL):** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
- **Maximum Contaminant Level (MCL):** "Maximum Allowed" is 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.
- **Maximum Contaminant Level Goal (MCLG):** The "Goal" is 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.
- **TCR: Total Coliform Rule**

Discussion:

Please note that Stoughton Utilities' drinking water complies with all state and federal regulations, as shown in Table A.

All sources of drinking water are subject to potential contamination by constituents that are naturally occurring or are manmade. Those constituents can be microbes, organic or inorganic chemicals, or radioactive materials.

Information from the EPA:

MCLs are set at very stringent levels. To understand the possible health effects described for many regulated constituents, a person would have to drink 2 liters of water every day at MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

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/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the EPA's Safe Drinking Water Hotline at (800) 426-4791.

About Stoughton Utilities:

Stoughton Utilities' water comes from four wells located throughout the city and is pumped directly into the water distribution system and three storage facilities. The water is treated with chlorine and fluoride as it leaves the wells and storage facilities. In 2018, Stoughton Utilities pumped a total of 504,761,000 gallons of water.

Stoughton Utilities is nonprofit and is owned directly by the City of Stoughton. All operations are funded entirely by the water, electric, and wastewater rates paid for our services by customers. In lieu of taxes for 2018, Stoughton Utilities paid \$944,314 to the City of Stoughton, making it the largest taxpayer in the city.

How to contact us:

We welcome you to attend the monthly Stoughton Utilities Committee meetings at the administrative office located at 600 S. Fourth Street. Meeting notices, agendas, and past meeting minutes are available at www.stoughtonutilities.com.

If you have, any questions concerning this report, your drinking water utility, or Stoughton Utilities in general, please contact us at (608) 873-3379 or at www.stoughtonutilities.com.

If you have a water emergency, please contact us anytime, 24-hours per day and seven days per week, at (608) 873-3379.

TABLE A:

Disinfection Byproducts:

Contaminant (units):	MCL:	MCLG:	Level Found:	Range:	Sample Date: (if prior to 2018)	Source of Contaminant:
HAA5 (site 19) (ppb)	60	60	2	2		Byproduct of drinking water chlorination.
HAA5 (site 20) (ppb)	60	60	1	1		Byproduct of drinking water chlorination.
TTHM (site 19) (ppb)	80	0	7.3	7.3		Byproduct of drinking water chlorination.
TTHM (site 20) (ppb)	80	0	1.8	1.8		Byproduct of drinking water chlorination.

Inorganic Contaminants:

Contaminant (units):	MCL:	MCLG:	Level Found:	Range:	Sample Date: (if prior to 2018)	Source of Contaminant:
Barium (ppm)	2	2	0.035	0.019 – 0.0435	04/26/2017	Drilling waste; erosion of natural deposits.
Chromium (ppb)	100	100	1	0 – 1	04/26/2017	Erosion of natural deposits.
Copper (ppm) ¹	AL=1.3	1.3	0.1100	0 of 30 results were above the action level for copper.		Corrosion of household plumbing; erosion of natural deposits.
Fluoride (ppm)	4	4	0.6	0.1 - 0.6	04/26/2017	Water additive; erosion of natural deposits.
Lead (ppb) ¹	AL=15	0	11.00	3 of 30 results were above the action level for lead.		Corrosion of household plumbing; erosion of natural deposits.
Nickel (ppb)	100		1.5000	.5000 – 1.5000	04/26/2017	Naturally occurring in soils and ground / surface waters.
Nitrate (NO3-N)(ppm)	10	10	3.67	0.00 – 4.60		Fertilizer use; erosion of natural deposits.
Sodium (ppm)	n/a	n/a	15.00	2.90 – 15.00	04/26/2017	n/a

Radioactive Contaminants:

Contaminant (units):	MCL:	MCLG:	Level Found:	Range:	Sample Date: (if prior to 2018)	Source of Contaminant:
Gross Alpha excl. (pCi/l)	15	0	3.1	2.2-3.1	05/02/2017	Erosion of natural deposits.
Gross Alpha incl. (pCi/l)	n/a	n/a	3.1	2.2 – 3.1	05/02/2017	Erosion of natural deposits.
Radium (pCi/l)	5	0	4.3	3.9 – 4.3	05/02/2017	Erosion of natural deposits.

Unregulated Contaminants:

Contaminant (units):	MCL:	MCLG:	Level Found:	Range:	Sample Date: (if prior to 2018)	Source of Contaminant:
Sulfate (ppm)	n/a	n/a	23.0	15.00-23.00	04/26/2017	n/a

¹ 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 Stoughton Utilities.

Infants and children who drink water containing lead in excess of the action level could experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink this water over many years could develop kidney problems and or high blood pressure.



600 South Fourth Street P.O. Box 383
Stoughton, WI 53589-0383

Serving Electric, Water & Wastewater Since 1886

Date: March 12, 2019

To: Stoughton Utilities Committee

From: Jill M. Weiss, P.E.
Stoughton Utilities Director

Subject: Utilities Committee Future Agenda Item(s)

This item appears on all agendas of Committees of the City of Stoughton.