



# OFFICIAL NOTICE AND AGENDA

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

Meeting of: **CITY OF STOUGHTON UTILITIES COMMITTEE**

Date/Time: Monday, September 18, 2023 at 5:30 p.m.

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

Optional Virtual Participation: [GoToMeeting ID 667-154-085](#)

Members: Citizen Member Carl Chenoweth, Citizen Member David Erdman (Chair), Alderperson Regina Hirsch, Alderperson Greg Jensen, Alderperson Daniel Payton, Mayor Tim Swadley, Citizen Member Dustin Thoren (Vice-Chair)

## **MEETING AGENDA:**

### CALL TO ORDER

### ROLL CALL AND VERIFICATION OF QUORUM

### CERTIFICATION OF COMPLIANCE WITH OPEN MEETINGS LAW

### PUBLIC COMMENTS

### 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 August 21, 2023 Regular Utilities Committee Meeting
- b. Stoughton Utilities Payments Due List Report
- c. Stoughton Utilities Financial Summary – June and July, 2023
- d. Stoughton Utilities Statistical Report
- e. Stoughton Utilities Activities Report
- f. Communications

### OLD BUSINESS

1. Status of Committee Recommendation(s) to the Stoughton Common Council (**Discussion**)
2. Status of the PSCW Electric Rate Application Filing (**Discussion**)

### NEW BUSINESS

3. Preview of the Stoughton Utilities Proposed 2024 Budget (**Discussion**)
4. Stoughton Utilities Proposed Five Year (2024 – 2028) Capital Improvement Projects (CIP) Program (**Action**)
5. Wastewater Treatment Facility and Sanitary Sewer Collection System 2022 Compliance Maintenance Annual Report (CMAR): DNR Response (**Discussion**)
6. WDNR 2022 Wisconsin Public Water Systems Annual Drinking Water Report (**Discussion**)
7. Utilities Committee Future Agenda Item(s) (**Discussion**)

### ADJOURNMENT

Notices Sent To:

Stoughton Utilities Committee Members  
Stoughton Utilities Director Jill M. Weiss, P.E.  
Stoughton Utilities Assistant Director Brian Hoops  
Stoughton Utilities Finance Manager Shannon Statz

cc: Stoughton City Attorney Matthew Dregne  
Stoughton Common Council Members  
Stoughton City Clerk Candee Christen  
Stoughton Leadership Team  
Stoughton Library Administrative Assistant Sarah Monette  
Stoughton Utilities Billing & Metering Supervisor Erin Goldade  
Stoughton Utilities Education & Outreach Coordinator Brandi Yungen  
Stoughton Utilities Electric System Supervisor Ryan Jefferson  
Stoughton Utilities Water System Supervisor Kent Thompson  
Stoughton Utilities Wastewater System Supervisor Kevin Hudson  
Stoughton Utilities & WPPI Energy Services Manager Darren Jacobson  
O'Rourke Media Publications – Stoughton Courier Hub

**REMOTE CONNECTION INSTRUCTIONS:** Pursuant to City of Stoughton Common Council Rule 19, members of the committee and members of the public may attend this meeting either in person or by virtual means. If participating virtually, please join the meeting from your computer, tablet or smartphone using the following URL:

<https://meet.goto.com/667154085>

You can also dial in using your phone at (646) 749-3122 using access code: 667-154-085.

**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 Jill Weiss at (608) 877-7423 via email at [JWeiss@stoughtonutilities.com](mailto:JWeiss@stoughtonutilities.com), or Brian Hoops at (608) 877-7412, or via email at [BHoops@stoughtonutilities.com](mailto: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 individuals through appropriate aids and services. For information, or to request such assistance, please contact Stoughton Utilities prior to the start of the meeting 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 [stoughtonutilities.com/uc](http://stoughtonutilities.com/uc).

# DRAFT STOUGHTON UTILITIES COMMITTEE REGULAR MEETING MINUTES

Monday, July 17, 2023 – 5:30 p.m.

Stoughton, WI

Page No. 1

**Location:** Meeting Room, Stoughton Utilities Wastewater Treatment Facility  
700 Mandt Parkway, Stoughton, Wisconsin  
Optional Virtual Participation: GoToMeeting ID 427-337-965

**Members Present:** Citizen Member David Erdman (Chair), Alderperson Greg Jensen, Alderperson Daniel Payton, Mayor Tim Swadley, Citizen Member Dustin Thoren (Vice-Chair)

**Excused:** Citizen Member Carl Chenoweth, Alderperson Regina Hirsch

**Absent:** None

**Others Present:** Stoughton Utilities Finance Manager Shannon Statz, Stoughton Utilities Director Jill Weiss

**Call to Order:** Chairperson Erdman called the regular Stoughton Utilities Committee Meeting to order at 5:30 p.m. Erdman, Payton, Swadley, and Thoren were present in person. Jensen attended virtually.

Erdman thanked Stoughton Utilities Wastewater System Supervisor Brian Erickson and Stoughton Utilities staff for hosting a tour of the Stoughton Utilities Wastewater Treatment Facility prior to the meeting. Erdman, Payton, Swadley, and Thoren of the Stoughton Utilities Committee attended the tour, along with Erickson, Statz, Weiss, and Stoughton Utilities Education & Outreach Coordinator Brandi Yungen.

**Verification of Quorum:** The chair verified that a quorum of the committee membership was present.

**Certification of Compliance with Open Meetings Law:** Weiss certified that the meeting had been properly noticed in compliance with open meetings law.

**Public Comments:** Erdman recognized Stoughton Utilities Wastewater System Supervisor and thanked him for his service to the Stoughton community. Erickson will be retiring at the end of July after 30 years of employment at Stoughton Utilities.

**Utilities Committee Consent Agenda:** Stoughton Utilities staff presented and discussed the Stoughton Utilities Committee consent agenda items, highlighting the upcoming WPPI Energy annual meeting.

Motion by Thoren, the motion seconded by Payton, to approve the following consent agenda items as presented:

- a. Draft Minutes of the June 19, 2023 Regular Utilities Committee Meeting
- b. Stoughton Utilities Payments Due List Report
- c. Stoughton Utilities Financial Summary
- d. Stoughton Utilities Statistical Report
- e. Stoughton Utilities Activities Report
- f. Communications

The motion carried unanimously 5 to 0.

# DRAFT STOUGHTON UTILITIES COMMITTEE REGULAR MEETING MINUTES

Monday, July 17, 2023 – 5:30 p.m.

Stoughton, WI

Page No. 2

**Status of the Utilities Committee recommendation(s) to the Stoughton Common Council:** Stoughton Utilities staff presented that no items from recent Stoughton Utilities Committee meetings were approved and/or placed on file by the Stoughton Common Council at their meetings since the last Utilities Committee Meeting. Discussion followed.

**Status of the PSCW Electric Rate Application Filing:** Staff provided the committee with an update on the electric rate application that was filed with the Public Service Commission of Wisconsin (PSCW) in February 2023. The PSCW continues to review the application and staff has responded to several follow-up questions from the commission. Discussion followed.

**Stoughton Utilities Round-Up Program:** Stoughton Utilities staff presented and discussed the Stoughton Utilities Round-Up Program. A brief description and history of staff's efforts to recruit new organizations to apply for funding was provided to the committee. This is the first of two donations to be made using 2023 program funding, with an applicant pool of 17 local non-profit organizations. Discussion followed.

Motion by Erdman, the motion seconded by Payton, to donate \$500 from the Stoughton Utilities Round-Up Program fund to Dementia Friendly Stoughton and \$500 to Stoughton Resettlement Assistance Project. The motion carried unanimously 5 to 0.

**Utilities Committee Future Agenda Items:** Stoughton Utilities staff informed the committee that a presentation from WPPI Energy staff will occur at the August meeting and that staff is currently working to finalize the Stoughton Utilities 2024 operating budget and five-year capital improvement plan (CIP) which is planned for presentation to the committee in September. Committee members requested staff report back following the hiring of a new Wastewater System Supervisor following Erickson's retirement. Discussion followed.

**Adjournment:** Being no further business before the committee, motion by Thoren, seconded by Payton, to adjourn the meeting at 5:57 p.m. The motion carried unanimously 5 to 0.

Respectfully submitted,

Brian R. Hoops  
Stoughton Utilities Assistant Director

Date: Friday, August 04, 2023  
 Time: 07:17AM  
 User: SGUNSOLUS

**Stoughton Utilities**  
**Check Register Summary - Standard**

Page: 1 of 6  
 Report: 03699W.rpt  
 Company: 7430

Period: - As of: 8/4/2023

Check Nbr	Type	Date	Amount Paid	Vendor ID / Name	Description
<b>Company: 7430</b>					
002663	EP	7/10/2023	28,912.99	516 WELLS FARGO BANK	VO for check batch: 311516
002664	HC	7/10/2023	1,039,878.33	009 WPPI	WPPI-Renewable Energy/WPPI-Buy Back Solar Credit/WPPI-Exc Gen 8-8 Cr/WPPI-Large Power/WPPI-Support Services/WPPI-Support Services/WPPI-Support Services/WPPI-Support Services
002665	HC	7/30/2023	369.72	003 Alliant Energy - Ach	Alliant Energy - July Ach/Alliant Energy - July Ach/Alliant Energy - July Ach/Alliant Energy - July Ach/Alliant Energy - July Ach/Alliant Energy - July Ach
002666	HC	7/30/2023	44,854.64	025 Payroll Federal Taxes- Ach	Federal Taxes-July Ach/Federal Taxes-July Ach/Federal Taxes-July Ach/Federal Taxes-July Ach
002667	HC	7/30/2023	140.34	856 GORDON FLESCH COMPANY, INC.	Gordon Flesch-July Ach/Gordon Flesch-July Ach/Gordon Flesch-July Ach/Gordon Flesch-July Ach
002668	HC	7/30/2023	576.53	952 AT&T	AT&T-July Ach/AT&T-July Ach
002669	HC	7/30/2023	1,692.00	001 Delta Dental - Ach	Delta Dental - July Ach/Delta Dental - July Ach/Delta Dental - July Ach
002670	HC	7/30/2023	521.64	002 Employee Benefits Corp - Ach	EBC - July Ach/EBC - July Ach/EBC - July Ach/EBC - July Ach
002671	HC	7/30/2023	885.80	020 Wells Fargo Bank-Ach	Client Analysis-July Ach/Client Analysis-July Ach/Client Analysis-July Ach/Client Analysis-July Ach
002672	HC	7/30/2023	30.52	421 FIRST DATA CHARGES	First Data-July Ach/First Data-July Ach/First Data-July Ach/First Data-July Ach
002673	HC	7/30/2023	1,454.00	499 LV LABS WW, LLC	LV Labs-July Ach
002674	HC	7/30/2023	1,280.34	318 PITNEY-BOWES INC-PURCHASE POWER	Pitney Bowes-July Ach/Pitney Bowes-July Ach/Pitney Bowes-July Ach/Pitney Bowes-July Ach/Pitney Bowes-July Ach
002675	HC	7/30/2023	906.80	007 TDS Metrocom - Ach	TDS - July Ach/TDS - July Ach/TDS - July Ach/TDS - July Ach

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002676	HC	7/30/2023	1,290.63	004 Us Cellular - Ach	Us Cellular - July Ach/Us Cellular - July Ach/Us Cellular - July Ach
002677	HC	7/30/2023	434.06	547 Spectrum-Ach	Spectrum-July Ach/Spectrum-July Ach/Spectrum-July Ach
002678	HC	7/30/2023	53,342.02	010 WI Dept. of Revenue Taxpayment-Ach	Dept of Rev-July Ach/Dept of Rev-July Ach
002679	HC	7/30/2023	7,741.88	008 Payroll State Taxes - Ach	State Taxes-July Ach/State Taxes-July Ach
002680	HC	7/30/2023	12,938.91	015 Associated Bank-Ach	Assoc Bank-July Ach/Assoc Bank-July Ach/Assoc Bank-July Ach/Assoc Bank-July Ach
028882	VC	7/6/2023	-2,500.00	942 WINCAN LLC	Wincan-Maint.
028931	CK	7/6/2023	64,707.69	131 CITY OF STOUGHTON	City Stoton-July A Def Comp/City Stoton-May Life Ins/City Stoton-May Life Ins/City Stoton-May Life Ins/City Stoton-June Life Ins/City Stoton-June Life Ins/City Stoton-June Life Ins/City Stoton-June Life Ins/More...
028932	CK	7/6/2023	1,287.67	133 WISCONSIN SCTF	WI SCTF-Support
028933	CK	7/6/2023	500.00	243 CITY OF STOUGHTON POLICE DEPT.	Police-Nat'l Night out
028934	CK	7/6/2023	93.41	264 ODYSSEY DESIGN	Odyssey-Supplies/Odyssey-Supplies/Odyssey-Supplies
028935	CK	7/6/2023	2,208.50	400 RESCO	Resco-Supplies/Resco-Inventory
028936	CK	7/6/2023	370.40	487 MARTELLE WATER TREATMENT	Martelle-Bulk Supply
028937	CK	7/6/2023	959.09	565 4 CONTROL, INC.	4 Control-Supplies/4 Control-Supplies
028938	CK	7/6/2023	8,962.16	741 FEARING'S AUDIO-VIDEO SECURITY	Fearings-Security/Fearings-Security/Fearings-Security/Fearings-Security/Fearings-Security/Fearings-Security
028939	CK	7/6/2023	4,475.00	787 MILLENNIUM	Millennium-Inventory
028940	CK	7/6/2023	70.00	816 CORE & MAIN LP	Core-Supplies
028941	CK	7/6/2023	352.00	885 THE O'BRIEN AGENCY, LLC	Obrion-Supplies/Obrion-Supplies/Obrion-Supplies/Obrion-Supplies

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028942	CK	7/6/2023	291.93	931 THE WILSON BOHANNAN PADLOCK CO.	Wilson-Locks
028943	CK	7/6/2023	5,250.00	959 G. FOX & SON, INC.	G Fox-Street repairs
028944	CK	7/6/2023	1,449.00	A40 MCCUTCHIN CRANE & RIGGING	Mccutchin-Crane
028945	CK	7/6/2023	1,094.00	A41 STRUCK & IRWIN FENCE	Struck-Repairs
028946	ZC	7/6/2023	0.00	942 WINCAN LLC	Wincan-void 028882/Wincan-Maint.
028947	ZC	7/6/2023	0.00	499 LV LABS WW, LLC	LV Labs-void ck 102236/Lv Labs-Adjustment
028948	ZC	7/6/2023	0.00	593 UNITED LIQUID WASTE RECYCLING, INC	United-Adjustment/United Liquid-Void ck 102237
028949	CK	7/12/2023	63,869.24	131 CITY OF STOUGHTON	City Stoton-Stormwater
028950	CK	7/12/2023	85.00	145 GOVERNMENT FINANCE OFFICES ASSOCIATION	Govt Finance-Training/Govt Finance-Training/Govt Finance-Training
028951	VC	7/12/2023	0.00	216 STOUGHTON ROTARY CLUB	Stoton Rotary-Customer Refund/Stoton Rotary-Customer Refund
028952	CK	7/12/2023	8,104.85	362 UTILITY SERVICE CO., INC	Utility-Twr 3 Qtr
028953	CK	7/12/2023	17.00	382 STOUGHTON NORWEGIAN DANCERS	Stoton Norwegian-Customer Ref
028954	CK	7/12/2023	17.00	415 STOUGHTON CHAMBER OF COMMERCE	Stoton Chamber-Customer Refund
028955	CK	7/12/2023	2,838.66	983 C & M HYDRAULIC TOOL SUPPLY	C & M Hyd-Supply
028956	CK	7/12/2023	17.00	216 STOUGHTON ROTARY CLUB	Stoton Rotary-Customer Refund
028957	CK	7/19/2023	65.00	133 WISCONSIN SCTF	WI SCTF-Annual R & D
028958	CK	7/19/2023	29,258.00	209 OPEN SYSTEMS INTERNATIONAL, INC.	OPI-OMS Implementation/OPI-OMS Licensing
028959	CK	7/19/2023	1,820.04	451 INSIGHT FS	Insight-Fuel/Insght-Fuel/Insght-Fuel/Insight-Fuel/Insight-Fuel/Insght-Fuel
028960	CK	7/19/2023	855.00	967 HYDRO CORP	Hydro-Inspections
028961	CK	7/19/2023	3,925.89	037 UNITED SYSTEMS & SOFTWARE, INC.	United-Meter Components

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Check Nbr	Type	Date	Amount Paid	Vendor ID / Name	Description
028962	CK	7/19/2023	24,616.01	131 CITY OF STOUGHTON	City Stoton-July Retirement/City Stoton-Jul B Def Comp/City Stoton-July Retirement/City Stoton-July Retirement
028963	CK	7/19/2023	1,287.67	133 WISCONSIN SCTF	WI SCTF-8408310
028964	CK	7/19/2023	912.97	166 INKWORKS, INC.	Inkworks-Supplies/Inkworks-Inserts/Inkworks-Supplies/Inkworks-Supplies/Inkworks-Supplies
028965	CK	7/19/2023	426.52	264 ODYSSEY DESIGN	Odyssey-Clothing/Odyssey-Clothing/Odyssey-Clothing/Odyssey-Clothing
028966	CK	7/19/2023	2,056.65	400 RESCO	Resco-Inventory
028967	CK	7/19/2023	2,142.00	487 MARTELLE WATER TREATMENT	Martelle-Bulk Supplies
028968	CK	7/19/2023	601.91	851 DIVISION OF ENERGY HOUSING AND COMM. RESOURCEDiv of EA-Customer Refund	
028969	CK	7/19/2023	580.00	915 COVERALL NORTH AMERICA, INC.	Coverall-Admin Cleaning/Coverall-Admin Cleaning/Coverall-Admin Cleaning
028970	CK	7/26/2023	2,290.20	429 MACQUEEN EQUIPMENT	Macqueen-Supplies
028971	CK	7/26/2023	2,393.17	491 PUBLIC SVC. COMM. OF WI.	PSC-Assessments
028972	CK	7/26/2023	16,782.11	539 DEPT OF ADMIN-WISMART VENDOR #396028867 E	Dept of Admin-Public Benefits
028973	CK	7/26/2023	140.20	571 USA BLUE BOOK	USA Blue Bk-Supplies
028974	CK	7/26/2023	71,508.45	766 BELL LUMBER AND POLE BIN#131418	Bell Lumber-Inventory/Bell Lumber-Inventory/Bell Lumber-Inventory
028975	CK	7/26/2023	844.82	816 CORE & MAIN LP	Core & Main-Inventory
028976	CK	7/26/2023	256.90	983 C & M HYDRAULIC TOOL SUPPLY	C & M Hyd-Supplies
028977	CK	7/26/2023	272.69	A25 TENANT RESOURCE CENTER	Tenant-Customer Refund
028978	CK	7/26/2023	72.58	A37 RANDY OTT	R Ott-Customer Refund
028979	CK	7/26/2023	13,690.00	A39 PROBEWELL LAB INC.	Probewell-Portable Meter Test
102378	CK	7/7/2023	4,455.60	290 MID-WEST TREE & EXCAVATION, INC	Midwest-Trenching/Midwest-Trenching



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102379	CK	7/7/2023	54,367.96	327 BORDER STATES ELECTRIC SUPPLY	Border States-Inventory/Border States-Xfmr
102380	CK	7/7/2023	2,318.40	493 MSA PROFESSIONAL SERVICES, INC.	MSA-Professional Services/MSA-Professional Services
102381	CK	7/7/2023	450.00	731 NORTH SHORE BANK FSB-DEFERRED COMP.	N Shore Bk-July A Def Comp
102382	CK	7/7/2023	3,636.97	852 INFOSEND, INC	Infosend-Billing & Mailing/Infosend-Billing & Mailing/Infosend-Billing & Mailing/Infosend-Billing & Mailing
102383	CK	7/13/2023	5,724.99	090 SOLENIS LLC	Solenis-Supplies
102384	CK	7/13/2023	104,333.84	355 STUART C IRBY CO.	Stuart-Inventory/Stuart-Supplies/Stuart-Supplies/Stuart-Inventory/Stuart-Supplies/Stuart-Supply/Stuart-Inventory/Stuart-Supplies/Stuart-Supply/Stuart-Supplies/Stuart-Inventory/Stuart-Supplies
102385	CK	7/13/2023	18,398.00	855 CRANE ENGINEERING SALES, INC.	Crane-Service Materials
102386	CK	7/20/2023	3,196.80	143 DIGGERS HOTLINE, INC.	Diggers-Locates/Diggers-Locates/Diggers-Locates
102387	CK	7/20/2023	6,462.55	157 FORSTER ELEC. ENG.,INC.	Forster-Professional services/Forster-Professional services/Forster-Locates/Forster-Professional services
102388	CK	7/20/2023	17,753.13	290 MID-WEST TREE & EXCAVATION, INC	Midwest-Trenching
102389	CK	7/20/2023	75.98	371 SCOTT ADLER	S Adler-Reimbursement
102390	CK	7/20/2023	5,721.89	603 SEERA-WIPFLI LLP	Seera-CTC Funds
102391	CK	7/20/2023	14,121.45	727 GLS UTILITY LLC	GLS Utility-Locates/GLS Utility-Locates/GLS Utility-Locates
102392	CK	7/20/2023	450.00	731 NORTH SHORE BANK FSB-DEFERRED COMP.	N Shore Bk-July B Def Comp
102393	CK	7/20/2023	36.68	829 SHANNON STATZ	S Statz-Reimbursement

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**Stoughton Utilities**  
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Check Nbr	Type	Date	Amount Paid	Vendor ID / Name	Description
102394	CK	7/21/2023	3,709.81	802 JOHNSON CONTROLS SECURITY SOLUTIONS	Johnson-Annual Sub/Maint/Johnson-Annual Sub/Maint/Johnson-annual Sub/Maint/Johnson-Annual Sub/Maint/Johnson-Annual Sub/Maint/Johnson-Annual Sub/Maint/Johnson-Annual Sub/Maint/Johnson-Annual Sub/Maint/Johnson-Annual Sub/Maint+
102395	CK	7/21/2023	268.92	448 STRAND ASSOCIATES INC.	Strand-Professional Services
102396	CK	7/21/2023	15,752.06	802 JOHNSON CONTROLS SECURITY SOLUTIONS	Johnson-Annual Sub/Maint/Johnson-Annual Sub/Maint/Johnson-Annual Sub/Maint/Johnson-Annual Sub/Maint/Johnson-Annual Sub/Maint/Johnson-Annual Sub/Maint/Johnson-Annual Sub/Maint/Johnson-Annual Sub/Maint+
102397	CK	7/28/2023	141.84	327 BORDER STATES ELECTRIC SUPPLY	Border States-Inventory
102398	CK	7/28/2023	38,411.14	355 STUART C IRBY CO.	Stuart-Supplies/Stuart-Inventory/Stuart-Inventory
102399	CK	7/28/2023	3,390.00	493 MSA PROFESSIONAL SERVICES, INC.	MSA Prof-Professional services/MSA Prof-Professional services
102400	CK	7/28/2023	1,044.13	787 MILLENNIUM	Millennium-Inventory
<b>Company Total</b>			<b>1,842,791.67</b>		

Date: Wednesday, September 06, 2023  
 Time: 02:50PM  
 User: SGUNSOLUS

**Stoughton Utilities**  
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Page: 1 of 8  
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Period: - As of: 9/6/2023

Check Nbr	Type	Date	Amount Paid	Vendor ID / Name	Description
<b>Company: 7430</b>					
002681	EP	8/7/2023	7,232.79	516 WELLS FARGO BANK	VO for check batch: 311568
002682	HC	8/7/2023	1,343,578.07	009 WPPI	WPPI-Renewable Energy/WPPI-Buy Back Solar Credit/WPPI-Excess Gen 8-8 Cr/WPPI-Large Power/WPPI-Support Services/WPPI-Support Services/WPPI-Support Services/WPPI-Support Services
002684	HC	8/30/2023	112.96	856 GORDON FLESCH COMPANY, INC.	Gordon Flesch-Aug Ach/Gordon Flesch-Aug Ach/Gordon Flesch-Aug Ach/Gordon Flesch-Aug Ach
002685	HC	8/30/2023	84.75	809 CINTAS CORPORATION #446	Cintas-Aug Ach/Cintas-Aug Ach/Cintas-Aug Ach
002686	HC	8/30/2023	324.54	003 Alliant Energy - Ach	Alliant Energy - Aug Ach/Alliant Energy - Aug Ach/Alliant Energy - Aug Ach/Alliant Energy - Aug Ach/Alliant Energy - Aug Ach/Alliant Energy - Aug Ach/Alliant Energy - Aug Ach
002687	HC	8/30/2023	521.64	002 Employee Benefits Corp - Ach	EBC-Aug Ach/EBC-Aug Ach/EBC-Aug Ach/EBC-Aug Ach
002688	HC	8/30/2023	2,580.96	001 Delta Dental - Ach	Delta Dental - Aug Ach/Delta Dental - Aug Ach/Delta Dental - Aug Ach
002689	HC	8/30/2023	1,343.12	004 Us Cellular - Ach	Us Cellular - Aug Ach/Us Cellular - Aug Ach/Us Cellular - Aug Ach
002690	HC	8/30/2023	137,721.05	010 WI Dept. of Revenue Taxpayment-Ach	Dept of Rev-Aug Ach/Dept of Rev-Aug Ach
002691	HC	8/30/2023	1,285.00	499 LV LABS WW, LLC	LV Labs-Aug Ach
002692	HC	8/30/2023	30.52	421 FIRST DATA CHARGES	First Data-Aug Ach/First Data-Aug Ach/First Data-Aug Ach/First Data-Aug Ach
002693	HC	8/30/2023	434.06	547 Spectrum-Ach	Spectrum-Aug Ach/Spectrum-Aug Ach/Spectrum-Aug Ach
002694	HC	8/30/2023	7,735.69	008 Payroll State Taxes - Ach	State Taxes-Aug Ach/State Taxes-Aug Ach
002695	HC	8/30/2023	44,801.46	025 Payroll Federal Taxes- Ach	Federal Taxes-Aug Ach/Federal Taxes-Aug Ach/Federal Taxes-Aug Ach/Federal Taxes-Aug Ach

Date: Wednesday, September 06, 2023  
 Time: 02:50PM  
 User: SGUNSOLUS

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002696	HC	8/30/2023	429.71	020 Wells Fargo Bank-Ach	Client Analysis-Aug Ach/Client Analysis-Aug Ach/Client Analysis-Aug Ach/Client Analysis-Aug Ach
002697	HC	8/30/2023	14,444.42	015 Associated Bank-Ach	Assoc Bank-Aug Ach/Assoc Bank-Aug Ach/Assoc Bank-Aug Ach/Assoc Bank-Aug Ach
026329	VC	8/4/2023	-335.67	403 GREGORY TRIMPER	G Trimper-Customer Refund
026330	VC	8/4/2023	-16.00	425 ROBERT FRANKE	R Franke-Customer Refund
026342	VC	8/4/2023	-22.48	676 GEORGINA RATTAN	G Rattan-Solar Credit Ref
026386	VC	8/4/2023	-108.21	708 AARON NOWICK	A Nowick-Customer Refund
026447	VC	8/4/2023	-162.84	736 RENT ASSISTANCE PROGRAM	Rent Assistance-Cust Ref
026510	VC	8/4/2023	-5.36	963 KESTON OR KRISTIN JAMERSON	K Jamerson-Customer Refund
026567	VC	8/4/2023	-150.08	530 JP PARTNERS LLC GREG STRANDLIE	JP Partners-Deposit Refund
026669	VC	8/4/2023	-22.38	399 VALUE CONSTRUCTION GROUP	Value Const-Const Refund
026673	VC	8/4/2023	-75.80	551 NICHOLAS SCHULZE	N Schulze-Customer Refund
026842	VC	8/4/2023	-67.90	704 JONATHON COUGHLIN	J Coughlin-Customer Refund
026906	VC	8/4/2023	-1,689.51	890 KEGONSA BUILDERS	Kegonsa Bldgs-Customer Refund
026971	VC	8/4/2023	-84.48	315 MARCIA BLUEL	M Bluel-Customer Refund
027628	VC	8/4/2023	-6.43	590 ADAM FRYDENLUND	A Frydenlund-Customer Refund
027647	VC	8/4/2023	-239.27	896 JILL BURKHALTER	J Burkhalter-Customer Refund
027655	VC	8/4/2023	-20.30	991 MARK TIESMAN	M Tiesman-Customer Refund
028200	VC	8/24/2023	-126.94	845 SANDRA YATES	S Yates-Customer Refund
028285	VC	8/24/2023	-124.97	893 FATAESHIA CLARK	Fashion-Customer Refund
028346	VC	8/24/2023	-357.74	737 IF, LLC-C/O RICHARD MORRIS	IF LLC-Customer Refund

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028348	VC	8/24/2023	-1,195.38	902 MEYER GROUP-PAGE ST LLC	Meyer-Customer Refund
028529	VC	8/24/2023	-172.59	659 GEMINI GAMES, LLC	Gemini-Customer Refund
028567	VC	8/24/2023	-149.42	703 JACOB GRAMS	Concrete-Customer Refund
028980	CK	8/2/2023	4,251.15	131 CITY OF STOUGHTON	City Stoton-Unclaimed Funds/City Stoton-Aug A Def Comp/City Stoton-Unclaimed Funds/City Stoton-Unclaimed Funds
028981	CK	8/2/2023	1,287.67	133 WISCONSIN SCTF	WI SCTF-Aug A Support
028982	CK	8/2/2023	550.17	571 USA BLUE BOOK	USA Blue Bk-Supplies
028983	CK	8/2/2023	403.10	641 STERICYCLE, INC.	Stericycle-Shredding/Stericycle-Shredding/Stericycle-Shredding/Stericycle-Shredding/Stericycle-Shredding/Stericycle-Shredding/Stericycle-Shredding
028984	CK	8/2/2023	558.77	878 ALTEC INDUSTRIES, INC	Altec-Supplies
028985	ZC	8/4/2023	0.00	403 GREGORY TRIMPER	G Trimper-Customer Refund/G Trimper-void 026329
028986	ZC	8/4/2023	0.00	425 ROBERT FRANKE	R Franke-void 026330/R Franke-Customer Refund
028987	ZC	8/4/2023	0.00	676 GEORGINA RATTAN	G Rattan-Solar Credit Ref/G Rattan-void 026342
028988	ZC	8/4/2023	0.00	708 AARON NOWICK	A Nowick-void 026386/A Nowick-Customer Refund
028989	ZC	8/4/2023	0.00	736 RENT ASSISTANCE PROGRAM	Rent Assis-void 026447/Rent Assistance-Cust Ref
028990	ZC	8/4/2023	0.00	399 VALUE CONSTRUCTION GROUP	Value-void 026669/Value Const-Const Refund
028991	ZC	8/4/2023	0.00	530 JP PARTNERS LLC GREG STRANDLIE	JP Partners-void 026567/JP Partners-Deposit Refund
028992	ZC	8/4/2023	0.00	551 NICHOLAS SCHULZE	N Schulze-Customer Refund/N Schultze-void 026673
028993	ZC	8/4/2023	0.00	704 JONATHON COUGHLIN	J Coughlin-Customer Refund/J Coughlin-void 026842
028994	ZC	8/4/2023	0.00	963 KESTON OR KRISTIN JAMERSON	K Jamerson-void 026510/K Jamerson-Customer Refund

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028995	ZC	8/4/2023	0.00	315 MARCIA BLUEL	M Bluel-Customer Refund/M Bluel-void 026971
028996	ZC	8/4/2023	0.00	590 ADAM FRYDENLUND	A Frydenlund-void 027628/A Frydenlund-Customer Refund
028997	ZC	8/4/2023	0.00	890 KEGONSA BUILDERS	Keg Bldgs-void 026906/Kegonsa Bldgs-Customer Refund
028998	ZC	8/4/2023	0.00	896 JILL BURKHALTER	J Burkhalter-void 027647/J Burkhalter-Customer Refund
028999	ZC	8/4/2023	0.00	991 MARK TIESMAN	M Tiesman-Customer Refund/M Tiesman-void 027655
029000	CK	8/9/2023	4,210.00	614 MID STATE EQUIPMENT	Mid State-Supplies/Mid State-Supplies
029001	CK	8/9/2023	28.00	675 WI STATE LABORATORY OF HYGIENE	Wi State Lab-Samples
029002	CK	8/9/2023	500.00	872 STOUGHTON HOSPITAL COALITION	Stoton Hosp-Donation
029003	CK	8/9/2023	26,853.00	944 B & B TRANSFORMER, INC.	B & B Trans-Transformers
029004	CK	8/9/2023	340.74	974 NORTHERN LAKE SERVICE, INC.	N Lake Svc-Samples
029005	CK	8/9/2023	500.00	A35 STOUGHTON RESETTLEMENT ASSIST. PROJECT	Stoton Reset-Donation
029006	CK	8/16/2023	87,933.99	131 CITY OF STOUGHTON	City Stoton-Aug Retirement/City Stoton-Stormwater/City Stoton-Aug B Def Comp/City Stoton-Aug Retirement/City Stoton-Aug Retirement
029007	CK	8/16/2023	141.78	236 GRAINGER, INC	Grainger-Supplies
029008	CK	8/16/2023	21,246.00	400 RESCO	Resco-Supplies/Resco-Transformers
029009	CK	8/16/2023	800.00	625 GS SYSTEMS, INC.	GS Sys-Scada Alarm/GS Sys-Scada Alarm
029010	CK	8/16/2023	7,987.00	729 SHC SUGAR HILL CONSULTING, LLC	SHC Sugar-Consulting/SHC Sugar-Consulting
029011	CK	8/16/2023	108.75	983 C & M HYDRAULIC TOOL SUPPLY	C & M Hyd-Supplies
029012	CK	8/16/2023	189.00	A43 MC TOOLS AND REPAIR LLC	MC Tool-Supplies

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029013	CK	8/16/2023	12,512.50	A44 PERLA ASPHALT PAVING	Perla-Supplies/Perla-Supplies/Perla-Supplies/Perla-Supplies
029014	CK	8/16/2023	1,287.67	133 WISCONSIN SCTF	WI SCTF-Support
029015	CK	8/16/2023	1,269.55	405 ROSENBAUM CRUSHING & EXCAV.	Rosenbaum-Materials/Rosenbaum-Topsoil
029016	CK	8/16/2023	85.00	433 WISCONSIN MEDIA GROUP	Wi Media-Hub/Wi Media-Hub/Wi Media-Hub
029017	CK	8/16/2023	3,280.58	451 INSIGHT FS	Insight-Fuel/Insight-Fuel/Insight-Fuel/Insight-Fuel/Insight-Fuel/Insight-Fuel
029018	CK	8/16/2023	1,175.40	487 MARTELLE WATER TREATMENT	Martelle-Bulk Supplies
029019	CK	8/16/2023	580.00	915 COVERALL NORTH AMERICA, INC.	Coverall-Supplies/Coverall-Supplies/Coverall-Supplies
029020	CK	8/16/2023	12,015.00	959 G. FOX & SON, INC.	G Fox-Leak Repairs/G Fox-Leak Repairs
029021	CK	8/16/2023	180.00	997 PETERSON PEST MANAGEMENT	Peterson-Pest Maint.
029022	CK	8/16/2023	1,840.00	A45 HOSE WAREHOUSE DEV EUMSI/HTV	Hose Warehouse-Supplies
029023	CK	8/23/2023	101.19	A15 BLAKE RING	B Ring-Customer Refund
029024	CK	8/23/2023	211.63	A22 GLORIA DICKMAN	G Dickman-Customer Refund
029025	CK	8/23/2023	200.95	A23 GAIL BECKWITH	G Beckwith-Customer Refund/G Beckwith-Customer Refund/G Beckwith-Customer Refund
029026	CK	8/23/2023	129.38	A27 RONALD OLSON	R Olson-Customer Refund
029027	CK	8/23/2023	81.12	A28 MELISSA WARREN	M Warren-Customer Refund
029028	CK	8/23/2023	52.96	A30 NASH BAUER	N Bauer-Customer Refund
029029	CK	8/23/2023	102.56	A32 NANCY ONDER	N Onder-Customer Refund
029030	CK	8/23/2023	194.59	A33 JEFFREY SHADICK	J Shadick-Customer Refund
029031	CK	8/23/2023	188.09	A34 AMANDA MILLER	A Miller-Customer Refund
029032	CK	8/23/2023	81.94	A55 LYNETTE FON	L Fon-Customer Refund

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029033	CK	8/23/2023	6,988.00	084 HARVEST FARMS, LLC	Harvest Farms-Emb Credits/Harvest Farms-Emb Credits
029034	CK	8/23/2023	49,366.00	190 FIFTY-ONE WEST, LLC	Fifty One West-Emb Credits
029035	CK	8/23/2023	267.57	491 PUBLIC SVC. COMM. OF WI.	PSC-Assessments
029036	CK	8/23/2023	2,112.00	637 CAPITAL UNDERGROUND, INC	Capital Und-Elec wires
029037	CK	8/23/2023	4,058.00	870 FORWARD DEVELOPMENT GROUP, LLC	Forward Dev-Emb Credits
029038	CK	8/23/2023	4,950.00	A01 ROB REAL ESTATE BROKERAGE & BUILDERS, LLC	Rob Real Estate-Emb Credits
029039	CK	8/23/2023	170.81	A21 BADGER STATE DRILLING	Badger State-Customer Refund
029040	CK	8/24/2023	172.59	659 GEMINI GAMES, LLC	Gemini-Customer Refund
029041	CK	8/24/2023	149.42	703 JACOB GRAMS	Concrete-Customer Refund
029042	CK	8/24/2023	126.94	845 SANDRA YATES	S Yates-Customer Refund
029043	CK	8/24/2023	124.97	893 FATAESHIA CLARK	Fashion-Customer Refund
029044	CK	8/24/2023	1,195.38	902 MEYER GROUP-PAGE ST LLC	Meyer-Customer Refund
029045	CK	8/24/2023	357.74	737 IF, LLC-C/O RICHARD MORRIS	IF LLC-Customer Refund
029046	CK	8/30/2023	4,875.00	131 CITY OF STOUGHTON	City Stoton-Debtbook/City Stoton-Debtbook/City Stoton-Debtbook
029047	CK	8/30/2023	1,988.00	816 CORE & MAIN LP	Core & Main-Supplies/Core & Main-Inventory
029048	CK	8/30/2023	763.98	846 CUMMINS SALES AND SERVICE	Cummins-Service/Cummins-Service/Cummins-Service
029049	CK	8/30/2023	3,664.00	865 BOARDMAN & CLARK LLP	Boardman-Professional Services/Boardman-Professional Services/Boardman-Professional Svcs/Boardman-Professional Services
029050	CK	8/30/2023	8,831.40	927 WS US SALES COMPANY	WS US-Insp and supplies/WS US-Supplies/WS US-Supplies
029051	CK	8/30/2023	147.38	A95 OLSEN SAFETY EQUIPMENT CORP.	Olsen-Supplies/Olsen-Supplies





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102417	CK	8/16/2023	54,080.00	731 NORTH SHORE BANK FSB-DEFERRED COMP.	N Shore Bk-Erickson Hlth Sav
		<b>Company Total</b>	1,968,941.17		

Date: Monday, July 10, 2023

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Company	Account	Sub	Vendor ID	Merchant	Amount	Description	Post Date	Emp ID	Projec
<b>Import ID: 009010</b>		<b>Import # : 0000000158</b>							
7430	921	000000	096	ADOBE ID CREATIVE CL	142.40	SaaS - Adobe Cloud for Teams Apps	06/07/2023	5250	-
7450	921	000000	096	ADOBE ID CREATIVE CL	51.78	SaaS - Adobe Cloud for Teams Apps	06/07/2023	5250	-
7460	851	000000	096	ADOBE ID CREATIVE CL	64.73	SaaS - Adobe Cloud for Teams Apps	06/07/2023	5250	-
7450	930	000000	422	AMERICAN WATER WORKS ASSO	90.00	Employee Dues - AWWA - BHoops - Annual	06/16/2023	5250	-
7450	930	000000	422	AMERICAN WATER WORKS ASSO	418.00	ANNUAL DUES	06/13/2023	1025	-
7430	903	000000	422	AMZN MKTP US IY3W997P3	92.47	Office Supplies - Bank Deposit Bags	06/07/2023	3680	-
7450	903	000000	422	AMZN MKTP US IY3W997P3	33.29	Office Supplies - Bank Deposit Bags	06/07/2023	3680	-
7460	840	000000	422	AMZN MKTP US IY3W997P3	44.38	Office Supplies - Bank Deposit Bags	06/07/2023	3680	-
7430	233	001099	422	AMZN MKTP US IY3W997P3	14.81	Office Supplies - Bank Deposit Bags	06/07/2023	3680	-
7450	921	000000	810	APPLE.COM/BILL	0.99	STaaS - Apple - Employee Mobile Device - KThompson	06/12/2023	5250	-
7430	593	000000	108	ASLESONS TRUE VALUE HARDW	16.99	MISC MATERIALS	06/30/2023	6840	-
7460	833	000000	108	ASLESONS TRUE VALUE HARDW	9.50	AIR LINE HOSE-DISINFECT EQUIP	06/02/2023	8200	-
7450	930	000000	105	AWWA.ORG	75.00	Training-BYungen-Registration	06/02/2023	5250	-
7460	833	000000	390	BADGER WATER	24.00	LAB WATER	06/20/2023	8710	-
7430	921	000000	604	CDW GOVT #KB80859	1,056.37	IT - Power Distribution - PDUs - WWTP DR, Patch Rack	06/09/2023	5250	-
7450	921	000000	604	CDW GOVT #KB80859	384.13	IT - Power Distribution - PDUs - WWTP DR, Patch Rack	06/09/2023	5250	-
7460	851	000000	604	CDW GOVT #KB80859	480.19	IT - Power Distribution - PDUs - WWTP DR, Patch Rack	06/09/2023	5250	-
7430	921	000000	604	CDW GOVT #KB80862	2,100.02	IT - Power Distribution - PDU - Server Primary - UPS - WWTP DR, Patch Rack	06/09/2023	5250	-
7450	921	000000	604	CDW GOVT #KB80862	763.64	IT - Power Distribution - PDU - Server Primary - UPS - WWTP DR, Patch Rack	06/09/2023	5250	-
7460	851	000000	604	CDW GOVT #KB80862	954.56	IT - Power Distribution - PDU - Server Primary - UPS - WWTP DR, Patch Rack	06/09/2023	5250	-
7430	921	000000	604	CDW GOVT #KB80863	1,359.74	IT - Power Distribution - UPS - Server Rack	06/09/2023	5250	-
7450	921	000000	604	CDW GOVT #KB80863	494.45	IT - Power Distribution - UPS - Server Rack	06/09/2023	5250	-
7460	851	000000	604	CDW GOVT #KB80863	618.07	IT - Power Distribution - UPS - Server Rack	06/09/2023	5250	-
7430	921	000000	604	CDW GOVT #KC33627	568.70	IT - Power Distribution - PDU - Server Secondary	06/12/2023	5250	-
7450	921	000000	604	CDW GOVT #KC33627	206.80	IT - Power Distribution - PDU - Server Secondary	06/12/2023	5250	-
7460	851	000000	604	CDW GOVT #KC33627	258.51	IT - Power Distribution - PDU - Server Secondary	06/12/2023	5250	-
7430	921	000000	604	CDW GOVT #KC84467	1.29	IT - Network Cable	06/13/2023	5250	-
7450	921	000000	604	CDW GOVT #KC84467	0.47	IT - Network Cable	06/13/2023	5250	-
7460	851	000000	604	CDW GOVT #KC84467	0.60	IT - Network Cable	06/13/2023	5250	-
7430	921	000000	604	CDW GOVT #KC93580	9.10	IT - Power Cable	06/13/2023	5250	-
7450	921	000000	604	CDW GOVT #KC93580	3.31	IT - Power Cable	06/13/2023	5250	-
7460	851	000000	604	CDW GOVT #KC93580	4.15	IT - Power Cable	06/13/2023	5250	-
7430	926	000000	809	CINTAS CORP	16.92	BUILDING SUPPLIES	06/12/2023	1025	-
7450	926	000000	809	CINTAS CORP	32.07	BUILDING SUPPLIES/UNIFORMS	06/12/2023	1025	-
7460	854	000000	809	CINTAS CORP	24.98	BUILDING SUPPLIES/UNIFORMS	06/12/2023	1025	-
7430	926	000000	809	CINTAS CORP	31.70	BUILDING SUPPLIES	06/05/2023	1025	-
7450	926	000000	809	CINTAS CORP	37.45	BUILDING SUPPLIES/UNIFORMS	06/05/2023	1025	-
7460	854	000000	809	CINTAS CORP	31.69	BUILDING SUPPLIES/UNIFORMS	06/05/2023	1025	-
7430	926	000000	809	CINTAS CORP	22.85	BUILDING SUPPLIES	06/19/2023	1025	-
7450	926	000000	809	CINTAS CORP	34.23	BUILDING SUPPLIES/UNIFORMS	06/19/2023	1025	-
7460	854	000000	809	CINTAS CORP	27.67	BUILDING SUPPLIES/UNIFORMS	06/19/2023	1025	-
7430	926	000000	809	CINTAS CORP	16.92	BUILDING SUPPLIES	06/26/2023	1025	-

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Company	Account	Sub	Vendor ID	Merchant	Amount	Description	Post Date	Emp ID	Projec
7450	926	000000	809	CINTAS CORP	32.07	BUILDING SUPPLIES/UNIFORMS	06/26/2023	1025	-
7460	854	000000	809	CINTAS CORP	24.98	BUILDING SUPPLIES/UNIFORMS	06/26/2023	1025	-
7430	921	000000	177	CLOUDFLARE	13.75	Server DNS Failover - Subscription and Origins - Monthly	06/02/2023	5250	-
7450	921	000000	177	CLOUDFLARE	5.00	Server DNS Failover - Subscription and Origins - Monthly	06/02/2023	5250	-
7460	851	000000	177	CLOUDFLARE	6.25	Server DNS Failover - Subscription and Origins - Monthly	06/02/2023	5250	-
7460	850	000000	411	CSWEA	45.00	WASTEWATER COURSE-HUDSON	06/02/2023	8700	-
7430	925	000000	994	DUNKIN #356987	42.18	SAFETY MEETING	06/21/2023	6840	-
7450	677	000000	148	FASTENAL COMPANY 01WISTG	54.48	HYDRANT SUPPLIES	06/29/2023	8700	-
7460	851	000000	942	IN WINCAN LLC DBA PIPELI	2,500.00	ANNUAL WINCAN SOFTWARE SUBSCRIPTION	06/13/2023	8200	-
7430	930	000000	994	JIMMY JOHNS - 1959 - E	45.20	Training - Meals - EL SCADA	06/29/2023	5250	-
7430	925	000000	894	KWIK TRIP 89300008938	8.98	SAFETY MEETING	06/22/2023	6840	-
7460	833	000000	994	LAI LTD	33.72	GASKETS-DISINFECT SYSTEM	06/20/2023	8200	-
7430	921	000000	836	MICROSOFT#G024034430	79.93	STaaS - Azure - Cold Backup Storage	06/12/2023	5250	-
7450	921	000000	836	MICROSOFT#G024034430	29.06	STaaS - Azure - Cold Backup Storage	06/12/2023	5250	-
7460	851	000000	836	MICROSOFT#G024034430	36.34	STaaS - Azure - Cold Backup Storage	06/12/2023	5250	-
7430	593	000000	614	MID STATE EQUIP JANESVILL	3,685.00	EQUIP RENTAL-TO BE REIMBURSED	06/09/2023	1025	-
7430	921	000000	836	MSFT E0400NGPQK	69.30	SaaS - o365 - Microsoft 365 Business Basic	06/05/2023	5250	-
7450	921	000000	836	MSFT E0400NGPQK	25.20	SaaS - o365 - Microsoft 365 Business Basic	06/05/2023	5250	-
7460	851	000000	836	MSFT E0400NGPQK	31.50	SaaS - o365 - Microsoft 365 Business Basic	06/05/2023	5250	-
7430	921	000000	836	MSFT E0400NH007	27.50	SaaS - o365 - Microsoft 365 Business Standard	06/05/2023	5250	-
7450	921	000000	836	MSFT E0400NH007	10.00	SaaS - o365 - Microsoft 365 Business Standard	06/05/2023	5250	-
7460	851	000000	836	MSFT E0400NH007	12.50	SaaS - o365 - Microsoft 365 Business Standard	06/05/2023	5250	-
7430	921	000000	836	MSFT E0400NH33X	33.00	SaaS - o365 - Visio Desktop Tier 2	06/05/2023	5250	-
7450	921	000000	836	MSFT E0400NH33X	12.00	SaaS - o365 - Visio Desktop Tier 2	06/05/2023	5250	-
7460	851	000000	836	MSFT E0400NH33X	15.00	SaaS - o365 - Visio Desktop Tier 2	06/05/2023	5250	-
7430	921	000000	836	MSFT E0400NHDH1	33.00	SaaS - o365 - Project Desktop Tier 3	06/05/2023	5250	-
7450	921	000000	836	MSFT E0400NHDH1	12.00	SaaS - o365 - Project Desktop Tier 3	06/05/2023	5250	-
7460	851	000000	836	MSFT E0400NHDH1	15.00	SaaS - o365 - Project Desktop Tier 3	06/05/2023	5250	-
7430	921	000000	836	MSFT E0400NI010	11.00	SaaS - o365 - Project Online Tier 1	06/05/2023	5250	-
7450	921	000000	836	MSFT E0400NI010	4.00	SaaS - o365 - Project Online Tier 1	06/05/2023	5250	-
7460	851	000000	836	MSFT E0400NI010	5.00	SaaS - o365 - Project Online Tier 1	06/05/2023	5250	-
7460	833	000000	830	NCL OF WISCONSIN INC	95.39	LAB SUPPLIES	06/29/2023	8710	-
7450	642	000000	830	NCL OF WISCONSIN INC	657.64	REPLACEMENT PIPETTES-FLUORIDE ANALYSIS	06/05/2023	7400	-
7430	903	000000	636	NIC ONLINECRASHREPORTS	6.14	Vehicle vs. utility accident report	06/23/2023	3550	-
7430	903	000000	636	NIC ONLINECRASHREPORTS	6.14	Vehicle vs. utility accident report	06/23/2023	3550	-
7450	642	000000	974	NORTHERN LAKE SERVICE- IN	330.00	LEAD/COPPER ANALYSIS	06/12/2023	7400	-
7430	903	000000	419	PAYFLOW/PAYPAL	89.84	Credit card processing - MyAccount Online	06/05/2023	5250	-
7450	903	000000	419	PAYFLOW/PAYPAL	12.83	Credit card processing - MyAccount Online	06/05/2023	5250	-
7460	840	000000	419	PAYFLOW/PAYPAL	19.25	Credit card processing - MyAccount Online	06/05/2023	5250	-
7430	233	001099	419	PAYFLOW/PAYPAL	6.43	Credit card processing - MyAccount Online	06/05/2023	5250	-
7430	903	000000	419	PAYFLOW/PAYPAL	109.23	Credit card processing - Desktop and Recurring	06/05/2023	5250	-
7450	903	000000	419	PAYFLOW/PAYPAL	15.60	Credit card processing - Desktop and Recurring	06/05/2023	5250	-
7460	840	000000	419	PAYFLOW/PAYPAL	23.40	Credit card processing - Desktop and Recurring	06/05/2023	5250	-
7430	233	001099	419	PAYFLOW/PAYPAL	7.82	Credit card processing - Desktop and Recurring	06/05/2023	5250	-

Date: Monday, July 10, 2023

Time: 12:49PM

User: SGUNSOLUS

# Stoughton Utilities Posting Preview Report

Select By: {PSSPurchCard.RefNbr} = '0000000158'

Company	Account	Sub	Vendor ID	Merchant	Amount	Description	Post Date	Emp ID	Projec
7450	677	000000	254	SHEBOYGAN PAINT COMPANY W	388.41	HYDRANT PAINT	06/30/2023	7400	-
7430	925	000000	601	SQ FOSDAL HOME BAKERY	39.00	SAFETY MEETING	06/21/2023	6840	-
7430	921	000000	352	STAPLS7377207009000001	21.00	Office Supplies - Chair Mat - TReel	06/14/2023	3680	-
7450	921	000000	352	STAPLS7377207009000001	7.63	Office Supplies - Chair Mat - TReel	06/14/2023	3680	-
7460	851	000000	352	STAPLS7377207009000001	9.56	Office Supplies - Chair Mat - TReel	06/14/2023	3680	-
7430	921	000000	352	STAPLS7377207531000001	29.16	Janitorial Supplies	06/14/2023	3680	-
7450	921	000000	352	STAPLS7377207531000001	10.60	Janitorial Supplies	06/14/2023	3680	-
7460	851	000000	352	STAPLS7377207531000001	13.27	Janitorial Supplies	06/14/2023	3680	-
7430	107.14	000000	436	STOUGHTON LUMBER CO	289.79	PLYWOOD-CRANE RIGGING	06/21/2023	5300	220113CA - 1
7450	673	000000	436	STOUGHTON LUMBER CO	70.96	SEED/STRAW-YARD RESTORATIONS	06/16/2023	8700	-
7430	593	000000	436	STOUGHTON LUMBER CO	8.99	WD-40-TRK #14	06/07/2023	6840	-
7430	593	000000	355	STUART C IRBY	2,143.95	CLUSTER F-MOUNT	06/05/2023	4100	-
7430	593	000000	355	STUART C IRBY	8.99	SHIPPING CHARGES	06/07/2023	4100	-
7430	593	000000	355	STUART C IRBY	103.12	SHIPPING CHARGES	06/07/2023	4100	-
7430	593	000000	355	STUART C IRBY	3,135.00	OX HOOK HANDLINE ASSMBLY	06/14/2023	4100	-
7430	593	000000	355	STUART C IRBY	622.36	STANDOFF BRACKET	06/16/2023	4100	-
7430	593	000000	355	STUART C IRBY	1,514.40	CLUSTER MOUNT	06/16/2023	4100	-
7450	642	000000	164	THE UPS STORE 3617	12.72	SHIPPING CHARGES-SAMPLES	06/21/2023	8400	-
7450	933	000000	994	TRACTOR SUPPLY #2236	21.68	PROPANE-FORKLIFT	06/13/2023	5275	-
7430	925	000000	701	TYNDALE COMPANY INC	496.85	FR CLOTHING-RUDER	06/22/2023	1025	-
7430	925	000000	701	TYNDALE COMPANY INC	139.95	FR CLOTHING-KURTZWEIL	06/15/2023	1025	-
7460	833	000000	994	UEMSI/HTV INC	160.53	JET VAC LEADER HOSE/MANHOLE HOOKS	06/30/2023	8200	-
7450	652	000000	824	UPS 1Z17Y6230394172661	10.67	SHIPPING CHARGES-SAMPLES	06/08/2023	7400	-
7450	642	000000	824	UPS 1Z17Y6230395436062	10.64	SHIPPING CHARGES-SAMPLES	06/15/2023	7400	-
7450	677	000000	492	USABLUEBOOK	85.94	HYDRANT OPERATING WRENCH	06/26/2023	7400	-
7450	626	000000	492	USABLUEBOOK	70.10	FOOT VALVE	06/08/2023	7400	-
7450	642	000000	492	USABLUEBOOK	135.18	CHLORINE SECONDARY KIT	06/08/2023	7400	-
7430	903	000000	824	USPS PO BOXES ONLINE	177.00	Annual PO Box Renewal	06/16/2023	5250	-
7450	903	000000	824	USPS PO BOXES ONLINE	63.72	Annual PO Box Renewal	06/16/2023	5250	-
7460	840	000000	824	USPS PO BOXES ONLINE	84.96	Annual PO Box Renewal	06/16/2023	5250	-
7430	233	001099	824	USPS PO BOXES ONLINE	28.32	Annual PO Box Renewal	06/16/2023	5250	-
7430	921	000000	507	WAL-MART #1176	13.97	Frame - SU Photo	06/02/2023	3680	-
7450	642	000000	675	WI STATE HYGIENE LAB	28.00	FLUORIDE ANALYSIS	06/13/2023	7400	-

**Total: 28,912.99**

Date: Monday, August 07, 2023

Time: 10:39AM

User: SGUNSOLUS

# Stoughton Utilities Posting Preview Report

Select By: {PSSPurchCard.RefNbr} = '0000000159'

Company	Account	Sub	Vendor ID	Merchant	Amount	Description	Post Date	Emp ID	Projec
<b>Import ID: 009010</b>		<b>Import # : 0000000159</b>							
7430	921	000000	096	ADOBE ID CREATIVE CL	142.40	SaaS - Adobe Cloud for Teams Apps	07/07/2023	5250	-
7450	921	000000	096	ADOBE ID CREATIVE CL	51.78	SaaS - Adobe Cloud for Teams Apps	07/07/2023	5250	-
7460	851	000000	096	ADOBE ID CREATIVE CL	64.73	SaaS - Adobe Cloud for Teams Apps	07/07/2023	5250	-
7430	932	000000	422	AMZN MKTP US 5U5GB9013	49.34	HVAC FILTERS-ADMIN BLDG	07/12/2023	5310	-
7450	932	000000	422	AMZN MKTP US 5U5GB9013	17.94	HVAC FILTERS-ADMIN BLDG	07/12/2023	5310	-
7460	834	000000	422	AMZN MKTP US 5U5GB9013	22.43	HVAC FILTERS-ADMIN BLDG	07/12/2023	5310	-
7430	593	000000	422	AMZN MKTP US 9P5PI75Q3	30.27	CHAINSAW BAR	07/14/2023	5310	-
7430	593	000000	422	AMZN MKTP US JF99Y5C63	14.83	UTILITY KNIVES-ADMIN USE	07/17/2023	5310	-
7450	626	000000	422	AMZN MKTP US JF99Y5C63	5.39	UTILITY KNIVES-ADMIN USE	07/17/2023	5310	-
7460	833	000000	422	AMZN MKTP US JF99Y5C63	6.76	UTILITY KNIVESADMIN USE	07/17/2023	5310	-
7430	143	000001	994	ANGELICANGLESPHOTO	175.00	Employee group photos - WPPI reimbursed - C-SB Fund	07/13/2023	3680	-
7450	921	000000	810	APPLE.COM/BILL	0.99	STaaS - Apple - Employee Mobile Device - KThompson	07/10/2023	5250	-
7450	631	000000	108	ASLESONS TRUE VALUE HARDW	22.47	WD40-DOOR LATCHES	07/07/2023	7400	-
7430	593	000000	108	ASLESONS TRUE VALUE HARDW	136.94	CHAINSAW BAR/DRILL BITS/SAWZALL BLADES	07/14/2023	6850	-
7430	593	000000	108	ASLESONS TRUE VALUE HARDW	27.98	MISC TOOLS	07/25/2023	6930	-
7460	833	000000	108	ASLESONS TRUE VALUE HARDW	7.29	SPRAY PAINT	07/17/2023	8200	-
7460	834	000000	108	ASLESONS TRUE VALUE HARDW	6.79	ANT KILLER-PLANT OFFICE	07/18/2023	8200	-
7460	854	000000	724	BANUSHI'S	300.00	ERICKSON RETIREMENT PARTY	07/31/2023	1025	-
7450	642	000000	994	CHEMWORLD	199.92	CHEMICAL INJECTION QUILL	07/21/2023	5310	-
7430	926	000000	809	CINTAS CORP	31.70	BUILDING SUPPLIES	07/31/2023	1025	-
7450	926	000000	809	CINTAS CORP	37.45	BUILDING SUPPLIES/UNIFORMS	07/31/2023	1025	-
7460	854	000000	809	CINTAS CORP	31.69	BUILDING SUPPLIES/UNIFORMS	07/31/2023	1025	-
7430	926	000000	809	CINTAS CORP	16.92	BUILDING SUPPLIES	07/17/2023	1025	-
7450	926	000000	809	CINTAS CORP	32.07	BUILDING SUPPLIES/UNIFORMS	07/17/2023	1025	-
7460	854	000000	809	CINTAS CORP	24.98	BUILDING SUPPLIES/UNIFORMS	07/17/2023	1025	-
7430	926	000000	809	CINTAS CORP	22.85	BUILDING SUPPLIES	07/17/2023	1025	-
7450	926	000000	809	CINTAS CORP	34.23	BUILDING SUPPLIES/UNIFORMS	07/17/2023	1025	-
7460	854	000000	809	CINTAS CORP	27.67	BUILDING SUPPLIES/UNIFORMS	07/17/2023	1025	-
7430	926	000000	809	CINTAS CORP	16.92	BUILDING SUPPLIES	07/24/2023	1025	-
7450	926	000000	809	CINTAS CORP	32.07	BUILDING SUPPLIES/UNIFORMS	07/24/2023	1025	-
7460	854	000000	809	CINTAS CORP	24.98	BUILDING SUPPLIES/UNIFORMS	07/24/2023	1025	-
7430	926	000000	809	CINTAS CORP	31.70	BUILDING SUPPLIES	07/03/2023	1025	-
7450	926	000000	809	CINTAS CORP	37.45	BUILDING SUPPLIES/UNIFORMS	07/03/2023	1025	-
7460	854	000000	809	CINTAS CORP	31.69	BUILDING SUPPILES/UNIFORMS	07/03/2023	1025	-
7430	921	000000	250	CIVIC SYSTEMS PAYMENT	258.50	Training expense - Registration - CIVIC Systems - SGunsolus	07/20/2023	3550	-
7450	921	000000	250	CIVIC SYSTEMS PAYMENT	94.00	Training expense - Registration - CIVIC Systems - SGunsolus	07/20/2023	3550	-
7460	851	000000	250	CIVIC SYSTEMS PAYMENT	117.50	Training expense - Registration - CIVIC Systems - SGunsolus	07/20/2023	3550	-
7430	921	000000	177	CLOUDFLARE	13.75	Server DNS Failover - Subscription and Origins - Monthly	07/03/2023	5250	-
7450	921	000000	177	CLOUDFLARE	5.00	Server DNS Failover - Subscription and Origins - Monthly	07/03/2023	5250	-
7460	851	000000	177	CLOUDFLARE	6.25	Server DNS Failover - Subscription and Origins - Monthly	07/03/2023	5250	-
7430	143	000001	994	EIG CONSTANTCONTACT.COM	1,368.50	Email Marketing Platform - Annual - WPPI reimbursed - C-SB Fund	07/31/2023	3680	-
7460	828	000000	A31	ETRAILER CORPORATION	393.72	STEPS-TELEVISIONING TRUCK	07/03/2023	8200	-

Date: Monday, August 07, 2023

Time: 10:39AM

User: SGUNSOLUS

# Stoughton Utilities Posting Preview Report

Select By: {PSSPurchCard.RefNbr} = '0000000159'

Company	Account	Sub	Vendor ID	Merchant	Amount	Description	Post Date	Emp ID	Projec
7430	594	000000	148	FASTENAL COMPANY 01WISTG	838.70	XFORMER CONNECTION BOLTS	07/31/2023	5300	-
7450	675	000000	550	FIRST SUPPLY MADISON	-4.40	SUPPLIES	07/25/2023	7400	-
7450	675	000000	550	FIRST SUPPLY MADISON	84.40	SUPPLIES	07/13/2023	7400	-
7430	921	000000	836	MICROSOFT#G025732266	86.74	STaaS - Azure - Cold Backup Storage	07/12/2023	5250	-
7450	921	000000	836	MICROSOFT#G025732266	31.54	STaaS - Azure - Cold Backup Storage	07/12/2023	5250	-
7460	851	000000	836	MICROSOFT#G025732266	39.44	STaaS - Azure - Cold Backup Storage	07/12/2023	5250	-
7430	921	000000	836	MSFT E0400NVINW	33.00	SaaS - o365 - Project Desktop Tier 3	07/03/2023	5250	-
7450	921	000000	836	MSFT E0400NVINW	12.00	SaaS - o365 - Project Desktop Tier 3	07/03/2023	5250	-
7460	851	000000	836	MSFT E0400NVINW	15.00	SaaS - o365 - Project Desktop Tier 3	07/03/2023	5250	-
7430	921	000000	836	MSFT E0400NVJW1	11.00	SaaS - o365 - Project Online Tier 1	07/03/2023	5250	-
7450	921	000000	836	MSFT E0400NVJW1	4.00	SaaS - o365 - Project Online Tier 1	07/03/2023	5250	-
7460	851	000000	836	MSFT E0400NVJW1	5.00	SaaS - o365 - Project Online Tier 1	07/03/2023	5250	-
7430	921	000000	836	MSFT E0400NW74Q	27.50	SaaS - o365 - Microsoft 365 Business Standard	07/04/2023	5250	-
7450	921	000000	836	MSFT E0400NW74Q	10.00	SaaS - o365 - Microsoft 365 Business Standard	07/04/2023	5250	-
7460	851	000000	836	MSFT E0400NW74Q	12.50	SaaS - o365 - Microsoft 365 Business Standard	07/04/2023	5250	-
7430	921	000000	836	MSFT E0400NWGQG	33.00	SaaS - o365 - Visio Desktop Tier 2	07/04/2023	5250	-
7450	921	000000	836	MSFT E0400NWGQG	12.00	SaaS - o365 - Visio Desktop Tier 2	07/04/2023	5250	-
7460	851	000000	836	MSFT E0400NWGQG	15.00	SaaS - o365 - Visio Desktop Tier 2	07/04/2023	5250	-
7430	921	000000	836	MSFT E0400NWH7D	69.30	SaaS - o365 - Microsoft 365 Business Basic	07/04/2023	5250	-
7450	921	000000	836	MSFT E0400NWH7D	25.20	SaaS - o365 - Microsoft 365 Business Basic	07/04/2023	5250	-
7460	851	000000	836	MSFT E0400NWH7D	31.50	SaaS - o365 - Microsoft 365 Business Basic	07/04/2023	5250	-
7430	903	000000	419	PAYFLOW/PAYPAL	91.80	Credit card processing - MyAccount Online	07/04/2023	5250	-
7450	903	000000	419	PAYFLOW/PAYPAL	13.11	Credit card processing - MyAccount Online	07/04/2023	5250	-
7460	840	000000	419	PAYFLOW/PAYPAL	19.67	Credit card processing - MyAccount Online	07/04/2023	5250	-
7430	233	001099	419	PAYFLOW/PAYPAL	6.57	Credit card processing - MyAccount Online	07/04/2023	5250	-
7430	903	000000	419	PAYFLOW/PAYPAL	117.56	Credit card processing - Desktop and Recurring	07/04/2023	5250	-
7450	903	000000	419	PAYFLOW/PAYPAL	16.79	Credit card processing - Desktop and Recurring	07/04/2023	5250	-
7460	840	000000	419	PAYFLOW/PAYPAL	25.19	Credit card processing - Desktop and Recurring	07/04/2023	5250	-
7430	233	001099	419	PAYFLOW/PAYPAL	8.41	Credit card processing - Desktop and Recurring	07/04/2023	5250	-
7430	921	000000	994	QUICKIDCARD.COM	12.07	Employee ID Card - TReel	07/21/2023	5250	-
7450	921	000000	994	QUICKIDCARD.COM	4.39	Employee ID Card - TReel	07/21/2023	5250	-
7460	851	000000	994	QUICKIDCARD.COM	5.49	Employee ID Card - TReel	07/21/2023	5250	-
7430	921	000000	352	STAPLS7611753455000001	131.42	OFFICE SUPPLIES	07/17/2023	5310	-
7450	921	000000	352	STAPLS7611753455000001	47.79	OFFICE SUPPLIES	07/17/2023	5310	-
7460	851	000000	352	STAPLS7611753455000001	59.73	OFFICE SUPPLIES	07/17/2023	5310	-
7430	921	000000	352	STAPLS7902469995000001	20.66	OFFICE SUPPLIES	07/27/2023	5310	-
7450	921	000000	352	STAPLS7902469995000001	7.51	OFFICE SUPPLIES	07/27/2023	5310	-
7460	851	000000	352	STAPLS7902469995000001	9.40	OFFICE SUPPLIES	07/27/2023	5310	-
7450	675	000000	436	STOUGHTON LUMBER CO	87.97	RAKES-GRASS SEED	07/04/2023	8700	-
7450	631	000000	436	STOUGHTON LUMBER CO	15.58	WASP SPRAY	07/07/2023	7400	-
7430	593	000000	436	STOUGHTON LUMBER CO	75.98	MISC TOOLS	07/25/2023	6930	-
7430	593	000000	436	STOUGHTON LUMBER CO	9.59	LEVEL	07/12/2023	6840	-
7430	593	000000	894	THE HOME DEPOT #4911	47.39	WIPES/KNIVES	07/17/2023	6850	-
7460	827	000000	164	THE UPS STORE 3617	24.01	SHIPPING CHARGES-SAMPLES	07/12/2023	8710	-

Date: Monday, August 07, 2023

Time: 10:39AM

User: SGUNSOLUS

## Stoughton Utilities Posting Preview Report

Select By: {PSSPurchCard.RefNbr} = '0000000159'

Company	Account	Sub	Vendor ID	Merchant	Amount	Description	Post Date	Emp ID	Projec
7460	827	000000	164	THE UPS STORE 3617	20.37	SHIPPING CHARGES-SAMPLES	07/20/2023	8710	-
7450	642	000000	164	THE UPS STORE 3617	27.03	SHIPPING CHARGES-SAMPLES	07/19/2023	8400	-
7460	833	000000	164	THE UPS STORE 3617	21.72	SHIPPING-LAB SAMPLES	07/26/2023	8200	-
7450	933	000000	994	TRACTOR SUPPLY #2236	6.62	PROPANE	07/12/2023	5275	-
7450	933	000000	994	TRACTOR SUPPLY #2236	2.41	PROPANE	07/12/2023	5275	-
7460	828	000000	994	TRACTOR SUPPLY #2236	3.02	PROPANE	07/12/2023	5275	-
7430	926	000000	701	TYNDALE COMPANY INC	394.95	FR CLOTHING-ADLER	07/27/2023	1025	-
7430	926	000000	701	TYNDALE COMPANY INC	99.15	FR CLOTHING-ADLER	07/13/2023	1025	-
7460	833	000000	994	UEMSI/HTV INC	67.48	HOSE	07/10/2023	8200	-
7450	642	000000	824	UPS 1Z17Y6230393394272	13.30	SHIPPING CHARGES-SAMPLES	07/13/2023	7400	-
7450	642	000000	824	UPS 1Z17Y6230397537075	13.30	SHIPPING CHARGES-SAMPLES	07/20/2023	7400	-
7430	930	000000	994	VIKING LANES	170.55	Employee appreciation and teambuilding - Summer gathering	07/17/2023	3680	-
7450	930	000000	994	VIKING LANES	62.02	Employee appreciation and teambuilding - Summer gathering	07/17/2023	3680	-
7460	850	000000	994	VIKING LANES	77.53	Employee appreciation and teambuilding - Summer gathering	07/17/2023	3680	-
7450	642	000000	675	WI STATE HYGIENE LAB	28.00	FLUORIDE ANALYSIS	07/10/2023	7400	-
<b>Total:</b>					<b>7,232.79</b>				



# Stoughton Utilities

## Financial Summary

June 2023 Year to Date

### **Overall Summary:**

June year to date 2023 operating income was \$795,768, up \$12,926 from 2022. Electric saw a decrease of \$38,246, while water and wastewater saw increases of \$7,855 and \$43,317, respectively. Net income was down \$1,316,499 due to a change in contributed income from 2022 to 2023.

### **Electric Summary:**

June 2023 year to date operating revenues were down \$466,130 from the same time last year. The decrease in revenue is due to lower purchase power costs, resulting in less PCAC revenue. Kilowatt-hour sales were down 2.2% from June 2022 year to date, and up 18.6% from May 2023.

Purchase power costs decreased by \$408,023, or -7.3%, from the same time last year. Non-power operating expenses were down \$19,861 due to a decrease in depreciation expense.

The June 2023 rate of return was 2.23%, compared to 2.60% for June year to date 2022. Unrestricted cash balances are \$4.3 million (3.6 months of sales).

### **Water Summary:**

June 2023 year to date operating revenues were up \$45,295, or 3.6%, from 2022. Total gallons sold were up 15.9% from June 2022 year to date, and up 15.7% from May 2023.

Operating expenses were up \$37,440, or 4.1%, compared to the same time last year. The increase is due to higher maintenance costs. In addition, there is one more month of health insurance costs compared to the prior year to date.

The June 2023 rate of return was 2.65%, compared to 2.97% for year-to-date 2022. Unrestricted cash balances are \$1.3 million (6.5 months of sales).

### **Wastewater Summary:**

June 2023 year to date operating revenues were up \$89,509, or 8.7%, from the same time in 2022. Total gallons sold were up 19.3% from June 2022 year to date, and up 12.7% from May 2023.

Operating expenses were up \$46,192, or 4.8%, from 2022. The increase is due to paying for sludge hauling earlier in the year than last year.

Unrestricted cash balances were \$1.3 million (7.4 months of sales).

Submitted by:  
Shannon Statz

**STOUGHTON UTILITIES**

Balance Sheets  
As of June 30, 2023

	<u>Electric</u>	<u>Water</u>	<u>Wastewater</u>	<u>Combined</u>
<b>Assets</b>				
Cash & Investments	\$ 5,834,993	\$ 2,553,694	\$ 2,760,553	\$ 11,149,240
Customer A/R	1,571,343	274,298	238,826	2,084,467
Other A/R	123,484	-	-	123,484
Other Assets	2,206,076	251,991	194,121	2,652,188
Plant in Service	32,737,494	19,329,905	34,350,053	86,417,452
Accumulated Depreciation	(17,309,144)	(6,607,844)	(14,821,926)	(38,738,914)
Plant in Service - CIAC	6,522,647	9,485,000	-	16,007,647
Accumulated Depreciation-CIAC	(2,338,797)	(2,775,232)	-	(5,114,029)
Construction Work in Progress	982,617	25,580	14,633	1,022,830
GASB 68 Deferred Outflow	995,776	368,319	394,412	1,758,507
<b>Total Assets</b>	<u>\$ 31,326,489</u>	<u>\$ 22,905,711</u>	<u>\$ 23,130,672</u>	<u>\$ 77,362,872</u>
<b>Liabilities + Net Assets</b>				
Accounts Payable	\$ (60,487)	\$ 64,866	\$ 44,866	\$ 49,245
Payable to City of Stoughton	301,367	225,443	-	526,810
Interest Accrued	12,208	13,860	9,451	35,519
Other Liabilities	1,288,847	126,406	101,123	1,516,376
Long-Term Debt	1,746,671	3,799,150	2,502,239	8,048,060
Net Assets	26,918,044	18,085,420	19,927,654	64,931,118
GASB 68 Deferred Inflow	1,119,839	590,566	545,339	2,255,744
<b>Total Liabilities + Net Assets</b>	<u>\$ 31,326,489</u>	<u>\$ 22,905,711</u>	<u>\$ 23,130,672</u>	<u>\$ 77,362,872</u>

**STOUGHTON UTILITIES**

Year-to-Date Combined Income Statement

June 30, 2023

	<b>Electric</b>	<b>Water</b>	<b>Wastewater</b>	<b>Total</b>
<i>Operating Revenue:</i>				
Sales	\$ 7,117,573	\$ 1,246,916	\$ 1,103,008	\$ 9,467,497
Other	158,474	47,735	16,647	222,856
<i>Total Operating Revenue:</i>	<b>\$ 7,276,047</b>	<b>\$ 1,294,651</b>	<b>\$ 1,119,655</b>	<b>\$ 9,690,353</b>
<i>Operating Expense:</i>				
Purchased Power	5,158,747	-	-	5,158,747
Expenses (Including Taxes)	1,006,647	545,658	540,223	2,092,528
PILOT	237,498	225,000	-	462,498
Depreciation	528,630	187,206	464,976	1,180,812
<i>Total Operating Expense:</i>	<b>\$ 6,931,522</b>	<b>\$ 957,864</b>	<b>\$ 1,005,199</b>	<b>\$ 8,894,585</b>
<i>Operating Income</i>	<b>\$ 344,525</b>	<b>\$ 336,787</b>	<b>\$ 114,456</b>	<b>\$ 795,768</b>
Non-Operating Income	166,057	25,120	35,018	226,195
Non-Operating Expense	(36,077)	(47,775)	(34,998)	(118,850)
<i>Net Income</i>	<b>\$ 474,505</b>	<b>\$ 314,132</b>	<b>\$ 114,476</b>	<b>\$ 903,113</b>

**STOUGHTON UTILITIES**

Year-to-Date Combined Income Statement

June 30, 2022

	<b>Electric</b>	<b>Water</b>	<b>Wastewater</b>	<b>Total</b>
<i>Operating Revenue:</i>				
Sales	\$ 7,612,390	\$ 1,202,999	\$ 1,008,428	\$ 9,823,817
Other	129,787	46,357	21,718	197,862
<i>Total Operating Revenue:</i>	<b>\$ 7,742,177</b>	<b>\$ 1,249,356</b>	<b>\$ 1,030,146</b>	<b>\$ 10,021,679</b>
<i>Operating Expense:</i>				
Purchased Power	5,566,770	-	-	5,566,770
Expenses (Including Taxes)	948,136	453,054	509,007	1,910,197
PILOT	229,998	214,998	-	444,996
Depreciation	614,502	252,372	450,000	1,316,874
<i>Total Operating Expense:</i>	<b>\$ 7,359,406</b>	<b>\$ 920,424</b>	<b>\$ 959,007</b>	<b>\$ 9,238,837</b>
<i>Operating Income</i>	<b>\$ 382,771</b>	<b>\$ 328,932</b>	<b>\$ 71,139</b>	<b>\$ 782,842</b>
Non-Operating Income	293,209	830,571	447,602	1,571,382
Non-Operating Expense	(45,641)	(48,969)	(40,002)	(134,612)
<i>Net Income</i>	<b>\$ 630,339</b>	<b>\$ 1,110,534</b>	<b>\$ 478,739</b>	<b>\$ 2,219,612</b>

**STOUGHTON UTILITIES**  
Cash and Investments Summary  
As of June 30, 2023

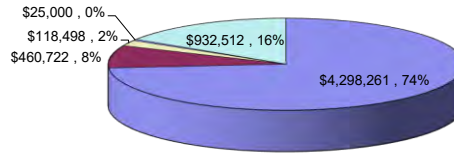
**Electric**

**Jun-23**

Unrestricted (3.6 months sales)	\$	4,298,261
Bond Reserve	\$	460,722
Redemption Fund (P&I)	\$	118,498
Depreciation	\$	25,000
Designated	\$	932,512
<b>Total</b>	<b>\$</b>	<b>5,834,993</b>

**Electric Cash - June 2023**

■ Unrestricted (3.6 months sales) ■ Bond Reserve ■ Redemption Fund (P&I) ■ Depreciation ■ Designated



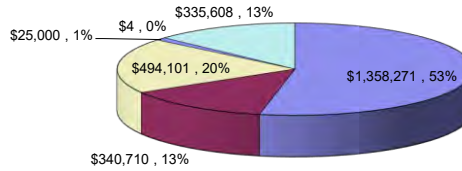
**Water**

**Jun-23**

Unrestricted (6.5 months sales)	\$	1,358,271
Bond Reserve	\$	340,710
Redemption Fund (P&I)	\$	494,101
Depreciation	\$	25,000
Construction	\$	4
Designated	\$	335,608
<b>Total</b>	<b>\$</b>	<b>2,553,694</b>

**Water Cash - June 2023**

■ Unrestricted (6.5 months sales) ■ Bond Reserve ■ Redemption Fund (P&I) ■ Depreciation ■ Construction ■ Designated



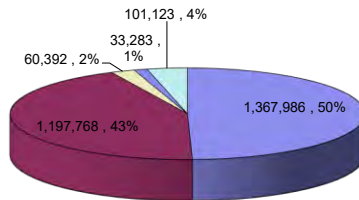
**Wastewater**

**Jun-23**

Unrestricted (7.4 months sales)		1,367,986
DNR Replacement		1,197,768
Redemption Fund (P&I)		60,392
Depreciation		33,283
Designated		101,123
<b>Total</b>		<b>2,760,552</b>

**Wastewater Cash - June 2023**

■ Unrestricted (7.4 months sales) ■ DNR Replacement ■ Redemption Fund (P&I) ■ Depreciation ■ Designated



**STOUGHTON UTILITIES**

Rate of Return

Year-to-Date June 30, 2023

	<b>Electric</b>	<b>Water</b>
Operating Income (Regulatory)	\$ 344,525	\$ 336,787
Average Utility Plant in Service	32,244,655	19,151,719
Average Accumulated Depreciation	(16,938,333)	(6,487,191)
Average Materials and Supplies	1,131,634	60,427
Average Regulatory Liability	(22,164)	(34,232)
Average Customer Advances	(948,027)	(5,000)
Average Net Rate Base	\$ 15,467,765	\$ 12,685,723
June 2023 Rate of Return	<b>2.23%</b>	<b>2.65%</b>
December 2022 Rate of Return	<b>5.71%</b>	<b>4.46%</b>
June 2022 Rate of Return	<b>2.60%</b>	<b>2.97%</b>
Authorized Rate of Return	<b>4.90%</b>	<b>5.00%</b>

# Stoughton Utilities

## Financial Summary

### July 2023 Year to Date

#### **Overall Summary:**

July 2023 year to date operating income was \$942,674, up \$22,816 from 2022. Electric saw a decrease of \$73,165, while water and wastewater saw increases of \$47,186 and \$48,795, respectively. Net income was down \$1,260,304 due to a change in contributed income from 2022 to 2023.

#### **Electric Summary:**

July 2023 year to date operating revenues were down \$603,874 from the same time last year. The decrease in revenue is due to lower kWh sales, which is down 5% from year to date from 2022. Kilowatt-hour sales were down 1.4% from July 2022 year to date, and up 12.0% from June 2023.

Purchase power costs decreased by \$547,322, or -7.8%, from the same time last year. Non-power operating expenses were up \$16,613 due to an increase in health insurance costs from the same time last year.

The July 2023 rate of return was 2.52%, compared to 3.18% for July year to date 2022. Unrestricted cash balances are \$3.7 million (3.0 months of sales).

#### **Water Summary:**

July 2023 year to date operating revenues were up \$48,867, or 3.3%, from 2022. Total gallons sold were down 3.7% from July 2022 year to date, and down 10.0% from June 2023.

Operating expenses were up \$1,681, or 0.2%, compared to the same time last year.

The July 2023 rate of return was 3.21%, compared to 3.25% for year-to-date 2022. Unrestricted cash balances are \$1.4 million (6.7 months of sales).

#### **Wastewater Summary:**

July 2023 year to date operating revenues were up \$95,767, or 7.8%, from the same time in 2022. Total gallons sold were up 4.2% from July 2022 year to date, and down 9.0% from June 2023.

Operating expenses were up \$46,972, or 4.2%, from 2022. The increase is due to paying for sludge hauling earlier in the year compared to last year, as well as, an increase in health insurance costs from the prior year.

Unrestricted cash balances were \$1.4 million (7.7 months of sales).

Submitted by:  
Shannon Statz

**STOUGHTON UTILITIES**Balance Sheets  
As of July 31, 2023

	<u>Electric</u>	<u>Water</u>	<u>Wastewater</u>	<u>Combined</u>
<b>Assets</b>				
Cash & Investments	\$ 5,325,007	\$ 2,687,866	\$ 2,851,132	\$ 10,864,005
Customer A/R	1,961,040	269,619	233,041	2,463,700
Other A/R	82,031	-	-	82,031
Other Assets	2,329,282	250,836	194,121	2,774,239
Plant in Service	32,927,801	19,343,809	34,356,546	86,628,156
Accumulated Depreciation	(17,410,798)	(6,642,477)	(14,882,082)	(38,935,357)
Plant in Service - CIAC	6,527,459	9,485,000	-	16,012,459
Accumulated Depreciation-CIAC	(2,338,797)	(2,775,232)	-	(5,114,029)
Construction Work in Progress	1,019,366	28,769	17,488	1,065,623
GASB 68 Deferred Outflow	995,776	368,319	394,412	1,758,507
<b>Total Assets</b>	<u>\$ 31,418,167</u>	<u>\$ 23,016,509</u>	<u>\$ 23,164,658</u>	<u>\$ 77,599,334</u>
<b>Liabilities + Net Assets</b>				
Accounts Payable	\$ (80,476)	\$ 64,900	\$ 44,866	\$ 29,290
Payable to City of Stoughton	340,612	262,943	-	603,555
Interest Accrued	16,791	21,777	15,284	53,852
Other Liabilities	1,302,918	126,406	101,123	1,530,447
Long-Term Debt	1,746,671	3,799,150	2,502,239	8,048,060
Net Assets	26,971,814	18,150,767	19,955,806	65,078,387
GASB 68 Deferred Inflow	1,119,837	590,566	545,340	2,255,743
<b>Total Liabilities + Net Assets</b>	<u>\$ 31,418,167</u>	<u>\$ 23,016,509</u>	<u>\$ 23,164,658</u>	<u>\$ 77,599,334</u>

**STOUGHTON UTILITIES**

Year-to-Date Combined Income Statement

July 31, 2023

	<b>Electric</b>	<b>Water</b>	<b>Wastewater</b>	<b>Total</b>
<i>Operating Revenue:</i>				
Sales	\$ 8,825,354	\$ 1,469,777	\$ 1,301,075	\$ 11,596,206
Other	166,080	57,629	19,367	243,076
<i>Total Operating Revenue:</i>	<b>\$ 8,991,434</b>	<b>\$ 1,527,406</b>	<b>\$ 1,320,442</b>	<b>\$ 11,839,282</b>
<i>Operating Expense:</i>				
Purchased Power	6,496,032	-	-	6,496,032
Expenses (Including Taxes)	1,208,333	639,860	635,188	2,483,381
PILOT	277,081	262,500	-	539,581
Depreciation	616,735	218,407	542,472	1,377,614
<i>Total Operating Expense:</i>	<b>\$ 8,598,181</b>	<b>\$ 1,120,767</b>	<b>\$ 1,177,660</b>	<b>\$ 10,896,608</b>
<i>Operating Income</i>	<b>\$ 393,253</b>	<b>\$ 406,639</b>	<b>\$ 142,782</b>	<b>\$ 942,674</b>
Non-Operating Income	175,941	29,878	40,676	246,495
Non-Operating Expense	(40,918)	(57,037)	(40,831)	(138,786)
<i>Net Income</i>	<b>\$ 528,276</b>	<b>\$ 379,480</b>	<b>\$ 142,627</b>	<b>\$ 1,050,383</b>

**STOUGHTON UTILITIES**

Year-to-Date Combined Income Statement

July 31, 2022

	<b>Electric</b>	<b>Water</b>	<b>Wastewater</b>	<b>Total</b>
<i>Operating Revenue:</i>				
Sales	\$ 9,464,111	\$ 1,424,096	\$ 1,199,986	\$ 12,088,193
Other	131,197	54,443	24,689	210,329
<i>Total Operating Revenue:</i>	<b>\$ 9,595,308</b>	<b>\$ 1,478,539</b>	<b>\$ 1,224,675</b>	<b>\$ 12,298,522</b>
<i>Operating Expense:</i>				
Purchased Power	7,043,354	-	-	7,043,354
Expenses (Including Taxes)	1,100,286	573,821	605,688	2,279,795
PILOT	268,331	250,831	-	519,162
Depreciation	716,919	294,434	525,000	1,536,353
<i>Total Operating Expense:</i>	<b>\$ 9,128,890</b>	<b>\$ 1,119,086</b>	<b>\$ 1,130,688</b>	<b>\$ 11,378,664</b>
<i>Operating Income</i>	<b>\$ 466,418</b>	<b>\$ 359,453</b>	<b>\$ 93,987</b>	<b>\$ 919,858</b>
Non-Operating Income	292,719	833,697	448,764	1,575,180
Non-Operating Expense	(53,543)	(56,744)	(74,064)	(184,351)
<i>Net Income</i>	<b>\$ 705,594</b>	<b>\$ 1,136,406</b>	<b>\$ 468,687</b>	<b>\$ 2,310,687</b>



**STOUGHTON UTILITIES**  
Cash and Investments Summary  
As of July 31, 2023

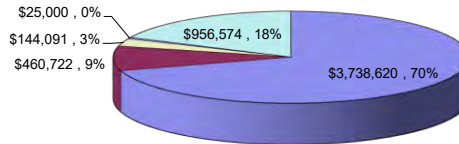
**Electric**

**Jul-23**

Unrestricted (3.0 months sales)	\$	3,738,620
Bond Reserve	\$	460,722
Redemption Fund (P&I)	\$	144,091
Depreciation	\$	25,000
Designated	\$	956,574
<b>Total</b>	<b>\$</b>	<b>5,325,007</b>

**Electric Cash - July 2023**

■ Unrestricted (3.0 months sales) ■ Bond Reserve ■ Redemption Fund (P&I) ■ Depreciation ■ Designated



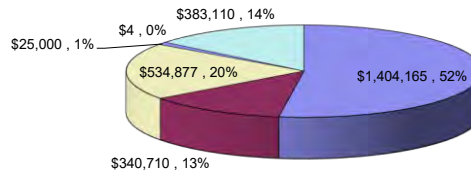
**Water**

**Jul-23**

Unrestricted (6.7 months sales)	\$	1,404,165
Bond Reserve	\$	340,710
Redemption Fund (P&I)	\$	534,877
Depreciation	\$	25,000
Construction	\$	4
Designated	\$	383,110
<b>Total</b>	<b>\$</b>	<b>2,687,866</b>

**Water Cash - July 2023**

■ Unrestricted (6.7 months sales) ■ Bond Reserve ■ Redemption Fund (P&I) ■ Depreciation ■ Construction ■ Designated



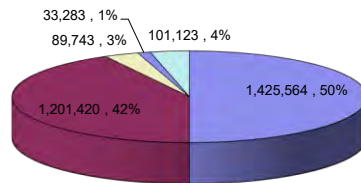
**Wastewater**

**Jul-23**

Unrestricted (7.7 months sales)		1,425,564
DNR Replacement		1,201,420
Redemption Fund (P&I)		89,743
Depreciation		33,283
Designated		101,123
<b>Total</b>		<b>2,851,133</b>

**Wastewater Cash - July 2023**

■ Unrestricted (7.7 months sales) ■ DNR Replacement ■ Redemption Fund (P&I) ■ Depreciation ■ Designated



**STOUGHTON UTILITIES**

Rate of Return

Year-to-Date July 31, 2023

	<b>Electric</b>	<b>Water</b>
Operating Income (Regulatory)	\$ 393,253	\$ 406,639
Average Utility Plant in Service	32,339,808	19,158,671
Average Accumulated Depreciation	(16,989,160)	(6,504,507)
Average Materials and Supplies	1,203,491	59,686
Average Regulatory Liability	(22,164)	(34,232)
Average Customer Advances	(931,655)	(5,000)
Average Net Rate Base	\$ 15,600,321	\$ 12,674,618
July 2023 Rate of Return	<b>2.52%</b>	<b>3.21%</b>
December 2022 Rate of Return	<b>5.71%</b>	<b>4.46%</b>
July 2022 Rate of Return	<b>3.18%</b>	<b>3.25%</b>
Authorized Rate of Return	<b>4.90%</b>	<b>5.00%</b>

# STOUGHTON UTILITIES

## 2023 Statistical Worksheet

Electric	Total Sales 2022 kWh	Total Purchased 2022 kWh	Peak Demand 2022 KW	Total Sales 2023 kWh	Total Purchased 2023 kWh	Peak Demand 2023 KW
January	12,604,215	13,090,652	22,855	11,238,094	12,022,050	21,321
February	11,111,183	11,372,253	21,873	10,247,629	10,704,714	21,105
March	11,073,665	11,342,879	19,841	10,791,760	11,293,484	19,080
April	9,878,316	10,132,838	18,585	9,606,173	10,017,696	17,892
May	11,014,588	11,338,060	30,514	10,170,304	849,585	26,802
June	12,332,328	12,641,974	34,081	12,065,536	12,519,710	27,928
July	13,712,592	14,086,580	30,692	13,514,136	13,989,829	32,215
August			-	-	-	-
September			-	-	-	-
October			-	-	-	-
November			-	-	-	-
December			-	-	-	-
<b>TOTAL</b>	<b>81,726,887</b>	<b>84,005,236</b>	<b>34,081</b>	<b>77,633,632</b>	<b>71,397,068</b>	<b>32,215</b>

Water	Total Sales 2022 Gallons	Total Pumped 2022 Gallons	Max Daily High 2022	Total Sales 2023 Gallons	Total Pumped 2023 Gallons	Max Daily Highs 2023
January	31,078,000	36,158,000	1,457,000	29,263,000	31,785,000	1,406,000
February	32,481,000	32,026,000	1,411,000	27,056,000	29,287,000	1,398,000
March	33,586,000	36,224,000	1,435,000	31,515,000	33,828,000	1,359,000
April	32,025,000	34,207,000	1,449,000	31,060,000	33,632,000	1,335,000
May	34,215,000	39,016,000	1,812,000	35,588,000	40,167,000	1,923,000
June	35,507,000	40,482,000	1,766,000	41,180,000	45,139,000	1,827,000
July	38,526,000	41,624,000	1,572,000	37,079,000	40,184,000	1,864,000
August			-	-	-	-
September			-	-	-	-
October			-	-	-	-
November			-	-	-	-
December			-	-	-	-
<b>TOTAL</b>	<b>237,418,000</b>	<b>259,737,000</b>	<b>1,812,000</b>	<b>232,741,000</b>	<b>254,022,000</b>	<b>1,923,000</b>

Wastewater	Total Sales 2022 Gallons	Total Treated 2022 Gallons	Precipitation 2022	Total Sales 2023 Gallons	Total Treated 2023 Gallons	Precipitation 2023
January	24,073,000	29,328,000	0.51	23,144,000	33,444,000	2.09"
February	22,180,000	26,210,000	0.58	22,238,000	30,340,000	3.63"
March	24,271,000	31,729,000	3.48	24,719,000	36,209,000	2.19"
April	23,557,000	32,799,000	3.60	23,129,000	34,847,000	2.34"
May	25,867,000	34,525,000	4.25	27,113,000	33,065,000	1.48"
June	25,615,000	33,563,000	3.14	30,550,000	30,321,000	0.68"
July	26,666,000	32,784,000	3.70	27,788,000	32,141,000	6.41"
August				-	-	-
September				-	-	-
October				-	-	-
November				-	-	-
December				-	-	-
<b>TOTAL</b>	<b>172,229,000</b>	<b>220,938,000</b>	<b>19.26</b>	<b>178,681,000</b>	<b>230,367,000</b>	<b>-</b>



# Stoughton Utilities Activities Report

## July, August 2023

### Electric System Division

Brian R. Hoops  
Assistant Utilities Director

Ryan A. Jefferson  
Electric System Supervisor

**51 West Development:** We have begun to receive permanent service applications for planned construction on the west side of this development, including both single family and duplex construction. The first temporary construction services were energized in early July.

The large multifamily building on the east side of the development is nearing completion, and the required metering equipment has been installed. Lineworkers energized a temporary solution that allows the project electricians to power half the building's units at any time, allowing construction workers to finalize building construction in preparation for fall occupancy.

The permanent service equipment arrived and was energized in mid-August. Marty Seffens, journeyman meter technician, tested each meter socket to ensure it served the unit that it was labeled with, and then set the 81 electric meters. Water meters have also been installed.

**Electric System Trouble Calls - July:** During the month of July, staff responded to a total of seven trouble calls resulting in six outages affecting 1,667 customers. Outages occurred during the first and last weeks of the month, with no outages in between.

The most significant outage resulted from a storm on Friday, July 28. During this storm, high winds knocked down many tree limbs across the service territory. Two large limbs fell on our primary electric line, and power was restored to the large majority of affected customers - approximately 1,159 - within 2.5 hours of the storm. A remaining majority of customers - 250 - had service restored 6.5 hours after the storm. Another 100 customers had service restored 8 hours after the storm.

Several dozen customers had service restored the following afternoon, on Sunday, or on Monday following private repairs to the service masts, after which SU could return to reenergize their service.

A few days prior, on July 26 we experienced a significant lightning storm during the workday. This storm resulted in loss of service to 45 customers, with power restored to all within two hours.

Other than the storms, we had 5 additional trouble calls, including one squirrel, one unknown wildlife contact, one vehicle accident, one tree limb, and one loose connection.

Our calculated electric service availability for the month was 99.9064%. This compares to 99.9914% in July 2022 when we experienced 15 outages.

**Electric System Trouble Calls - August:** During the month of August, staff responded to a total of 12 trouble calls resulting in 12 outages affecting 1,175 customers. Outage causes included six tree limbs, two squirrels/wildlife contacts, one structure fire, one underground cable fault, one overhead equipment failure, and one unknown cause.

The outage affecting the most customers resulted from a tree limb falling on an overhead line, which locked out the circuit until lineworkers could remove the limb. 801 customers were affected for approximately 30 minutes.

The outage with the longest duration resulted from a failed lightning arrestor on a rural line, affecting 61 customers for approximately six hours.

Our calculated electric service availability for the month was 99.9827%. This compares to 99.9814% in August 2022 when we responded to 15 trouble calls.

**Kettle Park West Development:** Our underground trenching and boring contractor continued their work installing the underground conduits, setting transformer basements, and installing secondary pedestals for Phase II of the Meadows Addition and Kettle Park West. Stoughton Utilities crews pulled and terminated cable for the development and set the equipment. Work on the subdivision was completed, and the system energized, in early-August.

**New Commercial Construction:** Lineworkers installed and terminated the underground cables and transformer for a new 3-phase primary extension to serve a multi-tenant commercial development being built on Highway 51. This service is ready to be energized once the customer's service equipment has been installed. A temporary construction service has been installed using an existing pole at the front of the property to provide power during construction.

**New Home Construction:** Home builders in Stoughton and the surrounding rural areas remained busy with numerous construction projects nearing completion and becoming ready for permanent underground electric service. Our underground trenching contractor has continued installing new underground services in residential developments as new homes are constructed. In addition, SU crews have been trenching in new services in order to keep up with demand. Following the trenching of underground service cables, SU lineworkers complete the service terminations and energize the meters on the new homes.

While construction is underway, SU provides the customer with a temporary construction service, typically located on a post in the back yard. Due to the amount of ongoing construction, we have several temporary construction services that are providing power for contractors working at numerous sites in the same neighborhood.

**Planned Service Disconnections:** Lineworkers worked with electricians to complete planned service disconnections to allow safe completion of service upgrades, overhead service relocations, generator installations, and rooftop solar interconnections. Overhead lines were dropped or covered at several addresses to allow tree removal contractors to complete their work safely around power lines.

**Spring 2022 Tornado – Leslie Road:** One of the rural farms that was damaged in the spring 2022 tornado has finally had their new upgraded underground electric service energized following a more than yearlong delay in the delivery of their private electric service equipment. Their old overhead service line remains in place while they complete their construction efforts and it will be removed in August, allowing us to close this workorder that has been open since May 2022.

**Williams Drive – Commercial Construction:** Lineworkers installed and terminated the underground cables and transformer for a new 3-phase primary extension to serve a commercial day care development being built on Williams Drive. This service is ready to be energized once the customer's service equipment has been installed. A temporary construction service will be installed in early September to provide power during construction.

**Williams Drive - Industrial Construction:** Work continued throughout the month of July to complete work on this project. The circuit was completed and energized, and the first of four transformers has been energized to provide power to one of the customer's service points.

Scott Adler, distribution system coordinator, has spent many hours on project management to ensure our efforts are coordinated with the onsite construction activities, and that all infrastructure is installed according to the project design.

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## **Finance Division**

Shannon M. Statz  
Finance Manager

**Audit Request for Proposals:** We created a request for proposals for annual financial audit services and mailed it to several financial service providers at the end of July.

**Budget Preparation:** We have been working to prepare our proposed 2024 annual operating budget. Things are moving in the right direction!

**Financial Software Conversion:** Shannon Gunsolus, accounting specialist, and I have been working to prepare the financial data requested by our new software provider. We are beginning our setup for the software conversion scheduled to begin in October of this year.

**LSL Funding Single Audit:** I assisted auditors through the process of a single audit for the funds that were accepted in 2021 and 2022 from the Wisconsin Department of Natural Resources for our lead service line replacement program.

**Purchasing Policy Revision:** Work continues on revisions to our purchasing policy to match current practices and to streamline approvals and reduce duplication of efforts. This revised policy is planned to be presented to the Utilities Committee for review and approval in late 2023.

**SBITA Training:** I attended a training course provided by the Government Finance Officers Association (GFOA) on the topic of subscription-based IT arrangements (SBITA). Assistant Director Hoops has been assisting me with a list of our subscriptions to determine what is to be included.

**WPPI Building a Foundation: Regulation, Accounting & Reporting:** I attended a seminar hosted by WPPI Energy discussing various regulation, accounting, and reporting topics. While much of the day served as a review, there were a couple of tidbits taken away.

**Typical Monthly Duties:** Finance Division staff completed all typical monthly financial and accounting duties including review and preparation of the monthly financial reports, coding review and reconciliation of the employee purchase cards program, daily and monthly cash balancing, funds transfers, consumption reports, work order closing, updating inventory unit costs, and balancing of accounts payable and receivable, construction work in progress, inventory and project controller, and customer advances.

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## **Technical Operations Division**

Brian R. Hoops  
Assistant Utilities Director

**Customer Billings - July:** Erin Goldade, billing and metering specialist, processed 9,790 customer billing statements totaling \$1.96M during the month of July, including the primary monthly billing and supplemental daily billings following customer moves throughout the month.

Electric utility billings during the month totaled \$1.447M, water utility billings totaled \$0.234M, wastewater utility billings totaled \$0.213M, and stormwater utility billings totaled \$0.066M.

Total utility billings for the month decreased by 7.9% over the same period in 2022.

Our wholesale purchased power during July was 13,990 MWh with a peak demand of 32.22 MW occurring on July 27 at 6:00 p.m.

**Customer Billings - August:** Erin Goldade, billing and metering specialist, processed 9,815 customer billing statements totaling \$2.27M during the month of August, including the primary monthly billing and supplemental daily billings following customer moves throughout each month.

Electric utility billings during the month totaled \$1.787M, water utility billings totaled \$0.223M, wastewater utility billings totaled \$0.198M, and stormwater utility billings totaled \$0.066M.

Total utility billings for the month decreased by 5.6% over the same period in 2022.

Our wholesale purchased power during August was 14,460 MWh with a peak demand of 38.09 MW occurring on July 27 at 6:00 p.m.

**Customer Payments - July:** During the month of July, staff processed 9,161 customer payments totaling 1.93M, including 1,200 checks, 1,193 lockbox payments, 327 credit cards by phone and in person, 1,754 My Account online payments, 3,981 AutoPay payments by credit card and bank withdrawal, 643 direct bank payments, and \$8,000 in cash.

**Customer Payments - August:** During the month of August, staff processed 9,103 customer payments totaling 2.16M, including 1,148 checks, 1,093 lockbox payments, 383 credit cards by phone and in person, 1,734 My Account online payments, 4,030 AutoPay payments by credit card and bank withdrawal, 659 direct bank payments, and \$7,150 in cash.

**Delinquent Collections - July:** As of July 1, there were 1,511 active accounts carrying delinquent balances totaling \$213,803, and 62 closed accounts carrying delinquent balances totaling \$12,770. Of the total amount delinquent, \$44,400 was 30 or more days past due.

During the month of July, the following collection activity occurred:

- 10-day notices of pending disconnection were mailed to 153 delinquent accounts with past-due balances totaling \$97,100, averaging \$639 per customer. These customers all had delinquent balances that were 30 or more days past due.
  - Additional past-due notices were mailed to 442 delinquent accounts with past-due balances totaling \$62,100, averaging \$140 per customer. Accounts receiving a past-due notice are less than 30-days past due and are not subject to disconnection at this time.
- Two days prior to scheduled disconnection, automated phone calls were made to 111 customers providing a warning of pending service disconnection.
- One day prior to scheduled disconnection, automated phone calls were made to 63 customers providing a final warning of pending service disconnection.
- 14 electric service disconnections were completed for balances totaling \$2,700, averaging \$190 per disconnected customer.

- 7 services were reconnected with same-day business hours, and two additional services were reconnected the following business day.
- Zero water service disconnections were completed.

Two customers currently remain disconnected due to non-payment including one vacant residential property and one business that has closed.

We ended the month of July with \$40,500 remaining 30 or more days past due. For comparison, 30+ day delinquencies are 10% higher than this time last year (\$36,700).

All severely delinquent accounts are reviewed for additional collections opportunities, including placement with the Wisconsin Department of Revenue's (DOR) State Debt Collection (SDC) program and the DOR Tax Refund Intercept Program (TRIP). Notices of potential SDC and TRIP filings will be mailed to currently delinquent customers, with periodic reviews and new notifications continuing throughout the year.

**Delinquent Collections - August:** As of August 1, there were 1,484 active accounts carrying delinquent balances totaling \$235,200, and 53 closed accounts carrying delinquent balances totaling \$12,170. Of the total amount delinquent, \$40,500 was 30 or more days past due.

During the month of August, the following collection activity occurred:

- 10-day notices of pending disconnection were mailed to 147 delinquent accounts with past-due balances totaling \$92,500, averaging \$634 per customer. These customers all had delinquent balances that were 30 or more days past due.
  - Additional past-due notices were mailed to 426 delinquent accounts with past-due balances totaling \$66,300, averaging \$156 per customer. Accounts receiving a past-due notice are less than 30-days past due and are not subject to disconnection at this time.
- Two days prior to scheduled disconnection, automated phone calls were made to 33 customers providing a warning of pending service disconnection.
- One day prior to scheduled disconnection, automated phone calls were made to 26 customers providing a final warning of pending service disconnection.
- 11 electric service disconnections were completed for balances totaling \$2,500, averaging \$230 per disconnected customer.
  - Six services were reconnected with same-day business hours, and three additional services were reconnected the following business day.
- Zero water service disconnections were completed.

Two customers currently remain disconnected due to non-payment.

We ended the month of August with \$54,600 remaining 30 or more days past due. For comparison, 30+ day delinquencies are 53% higher than this time last year (\$35,700).

All severely delinquent accounts are reviewed for additional collections opportunities, including placement with the Wisconsin Department of Revenue's (DOR) State Debt Collection (SDC) program and the DOR Tax Refund Intercept Program (TRIP). Notices of potential SDC and TRIP filings will be mailed to currently delinquent customers, with periodic reviews and new notifications continuing throughout the year.

**Education & Customer Outreach:** Brandi Yungen, Education & Outreach Coordinator, continued to utilize our social media presence to provide important and timely information to our customers, as well as to maintain regulatory compliance through required customer education and outreach.

Our social media posts in July reached 1,758 viewers. Topics included:

- Celebrating the Fourth of July
- Tax Credits and incentives for Home Energy Assessments
- Summer energy saving tips



- Wastewater televising information
- Energy saving tips when you're on vacation
- National Night Out Participation
- Momentary Outages
- Nights & Weekends Smart Plan
- Power Outage information

Our social media posts in August reached 3,682 viewers. Topics included:

- Information about weekend power outages
- National Night Out
- Summer Energy Savings
- National Safe Digging Day
- Public Power
- Electric Vehicle Charger Incentives
- Water Conservation Tips
- Energy Aware Day
- RoundUP Donations
- National Dog Appreciation Day
- Back to School Savings
- Sump Pump Discharge

In addition to social media, customer outreach materials were created to continue our public education programs. Billing inserts were created regarding Focus on Energy's free energy-saving packs and announcing our Public Power Week Scavenger Hunt.

Communications were created for Energy Aware Days in July and August. When weather forecasts call for higher temperatures, we try to combat the additional demand on the electric system with Energy Aware Days, asking customers to voluntarily reduce their energy usage when demand is highest.

Research was done regarding the Environmental Protection Agencies WaterSense Program which promotes water savings and water-efficient products. We applied to become partners and were approved, which gives us access to additional communications materials and tools to continue promoting water efficiency.

Press releases were created regarding our new WaterSense Partnership, our recent RoundUP Donations and a Notice of Sanitary Sewer Overflow.

Stoughton Utilities once again helped sponsor and participated in National Night Out. There was a ring toss game for kids, and staff greeted attendees and gave away bubbles, water bottles, night lights, and more. The branded lanterns that we handed out were a big hit.

We donated branded battery pack chargers to the Stoughton Chamber of Commerce for new teachers at Stoughton Area School District, along with information regarding our educational opportunities for students.

**Energy Assistance:** During the month of July, energy assistance (EA) payments totaling \$6,800 were received from the State of Wisconsin Public Benefits Program and applied to 98 customer accounts to assist with seasonal home heating expenses.

During the month of August, energy assistance (EA) payments totaling \$6,550 were received from the State of Wisconsin Public Benefits Program and applied to 83 customer accounts to assist with seasonal home heating expenses.

The 2022-23 heating season ended May 1. Funds received in July and August were primarily supplemental assistance as the state reviewed remaining available funds for the program.

Throughout the year, funding from the Wisconsin Emergency Crisis Fund remains available to customers facing utility emergencies, with additional funding provided through the Wisconsin Emergency Rental Assistance and Help for Homeowners programs are also available to assist with customers' utility bills.

The 2023-24 winter heating season begins October 1, 2023. Customer applications for seasonal energy assistance benefits will begin being accepted at that time. Emergency crisis funding, as well as additional funding through the programs mentioned above, will continue to be available throughout the remainder of the summer and autumn months.

**Facility Maintenance Projects:** Our physical security installation contractor completed the replacement of our existing electronic lock controllers at eleven facilities. Lock controls at the administration office, wastewater treatment facility, wells, substations, and lift stations were upgraded, and the new system provides additional alerting and reporting functionality, increased system control redundancy, and cloud monitoring and control.

Asset & Facilities Coordinator Tim Reel has been working on numerous projects at the administration building, including:

- Organizing the materials storage warehouse and yard to maximize the space available to us. Pricing has been obtained for additional storage racks and bins, which will be included in the 2024 budget.
- During an outage at the end of the month, the automatic transfer to our standby generator failed. Tim worked to schedule service/repairs and began working on an RFP for our annual generator maintenance services to review the options we have available.
- Quotes were received to have our asphalt parking lot and storage yard repaved, and we are working on preparing an advertisement for public bid for this job for completion yet in 2023.
- Junk transformers were inventoried, and quotes solicited for their disposal. SU will be paid for the scrap material with payment amounts calculated per transformer KVA.

**Heat Advisories:** Near the end of July and in mid-August, the National Weather Service issued Heat Advisories, each lasting several days. To preserve customer's health and safety, Stoughton Utilities does not disconnect any occupied dwelling during a declared heat advisory and makes attempts to contact the occupants at any occupied dwelling that has been previously disconnected. During the advisory, we reconnect any service - without payment - when the occupant or a concerned third party indicates that there is a potential threat to health or life resulting from the combination of the heat and loss of service. At the start of the advisory, customer service staff reached out to disconnected customers and were able to make payment arrangements with the customer or work with energy assistance organizations to obtain funding and restore service to all disconnected occupied dwellings.

Communications were sent out to all customers with email addresses on file during our Energy Aware Days in July and August. Since system demands are highest during high temperatures, we ask customers to voluntarily reduce their energy usage to help ensure system reliability throughout the Midwest region.

During the advisory, technical operations staff kept a close eye on circuit loads using our electric SCADA system to ensure system reliability during the high temperatures. No concerns were noted, and no issues were experienced.

System loads for July topped out at 32.22 MW on July 27, and for August topped out at 38.09 MW on August 23. The August peak demand beat our previous historical peaks of 36.05 MW (July 2012), 36.00 MW (July 2011) and 35.18 (July 2006).

**Inventory Management:** Asset & facilities coordinator Tim Reel has been working with all divisions to obtain quotes and complete the placement of orders for materials and assets. Tim has also been working with the Finance Manager to learn and understand our inventory and workorder systems and processes.

Prices and lead times continue to exceed our expectations, however we are told by vendors that relief may be in sight soon. Lead times on some standard materials have begun to decrease, though still far from pre-pandemic lead times. Some materials such as meters, transformers, and brass water connections are still being quoted as 52+ weeks out. We recently took delivery of an order that was placed in February 2022, have been updated that another order placed

in May 2022 will not be delivered until December 2023 or January 2024 (at the earliest), and we await delivery of numerous other orders placed in 2022 and early 2023.

**Metering – Electric & Water:** Marty Seffens journeyman meter technician, has been completing numerous water meter replacements each month as they stop responding to our reading collection systems due to battery degradation. Most of these meters were installed in 2006 and 2007 as part of our systemwide automatic meter reading (AMR) technology implementation.

Meter supply chains remain tight, with supply orders experiencing long delays and significant price increases. As a result, we recently purchased used meter stock from other Wisconsin municipal utilities that recently completed large-scale meter replacement projects. We were able to purchase hundreds of water meter electronic transmitters, many only a few years old, sold to us as surplus meters at very low cost. We have also had over 1,000 electric meters provided to us at no cost, which we will be picking up in July to place in inventory. We are extremely grateful to these utilities.

With all the new construction, Marty has remained busy installing new electric and water meters as contractors contact us to notify us that their new building is nearing completion. This also results in a lot of time being spent on updates to our GIS and billing system to ensure the new meters are accurately recorded in the systems.

**Project Estimating and Coordination:** As the construction season continues, we continue to work with customers and developers on their planned and in-progress projects.

Distribution system coordinator Scott Adler has been working with customers to estimate and coordinate the scheduling of their projects. Numerous project estimates were created, including overhead to underground conversions, meter socket relocations to facilitate exterior construction and building additions, new services to outbuildings, commercial service upgrades to accommodate EV chargers, and more. In addition to small customer projects, estimating and coordination of utility-driven pole reconstruction projects, developer-driven subdivision projects, new multi-family buildings, and ongoing commercial development continues.

Several significant projects are quickly approaching completion, including an industrial building, a large multifamily building, and the second phase of the Kettle Park West Meadows development. A lot of staff time has gone into the coordination of these projects, and we are excited to see their completion.

**Public Power Week Planning:** Each year during the first full week of October, Stoughton Utilities holds a Public Power Week event that highlights the benefits that public power brings to our customers, and to thank customers for supporting their locally owned utility.

Staff has begun to plan this year's activities: a family friendly scavenger hunt and trivia contest. New for 2023, we will be using a smartphone app to communicate with participants and offer opportunities to complete challenges to earn points and prizes. Participating customers will be allowed to complete some challenges at any time during the event, while other daily challenges will be released as the event progresses. Challenges include visiting certain sites throughout the city, answering trivia questions, and more. Prizes will be awarded to participants with the highest points.

The scavenger hunt prompts and challenges are currently being created and added to the event. An offline version is also being created for customers that don't have access to the smartphone app.

**Residential Customer Incentive Programs:** We continue to market our primary residential customer incentive programs for 2023.

- Electric vehicle charger incentives of up to \$250 for customers that purchase and install a new Level 2 EV charger.
- ENERGY STAR® appliance incentives are being offered to customers who purchase new efficient appliances, up to two \$25 incentives per account.

- We are collaborating with Focus on Energy to enhance their existing Home Energy Assessment incentive. Residential customers are eligible for a bill credit incentive of \$25 when they have a Home Energy Assessment completed by a Focus on Energy Trade Ally. A home energy assessment will identify areas in your that home that may contribute to higher energy usage, such as drafts, poor insulation, and inefficient appliances.
- We are also collaborating with Focus on Energy to enhance their existing Smart Thermostat incentive, adding an additional \$25 on top of their \$50 incentive, for a total incentive of \$75 towards the purchase of a new smart thermostat. Combined, these incentives can lower the cost of a smart thermostat by up to 60%.

Incentives are provided in the form of a bill credit and are funded through SU's Commitment to Community program. These incentive programs will run through November, and details and forms can be found at [stoughtonutilities.com/incentives](http://stoughtonutilities.com/incentives).

**SCADA & OMS Team:** The SCADA (Supervisory Control and Data Acquisition system) & OMS (Outage Management System) team, consisting of the asset & facilities coordinator, assistant utilities director, distribution system coordinator, and utilities director, continued their work on reviewing our current electric SCADA system status. The point checkout process began at the South Substation, where the team tested each analog and status point in the SCADA by verifying equipment data readings and triggering various alarms to ensure what happens at the substation is accurately reflected in the SCADA system. This effort will continue through the summer and fall months.

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## **Wastewater Division**

Kevin S. Hudson  
Wastewater System Supervisor

In July, the wastewater treatment facility processed an average daily flow of 1.088 million gallons with a monthly total of 32.635 million gallons. The total precipitation for the month was 6.41 inches.

In August, the wastewater treatment facility processed an average daily flow of 1.098 million gallons with a monthly total of 34.038 million gallons. The total precipitation for the month was 1.93 inches.

Our current wastewater team of Mark Bakken, Justin DeVoe, Kevin Hudson, and Phil Zweep had very busy months in July and August. We faced many challenges and overcame them together. Our city is very fortunate to have a group of highly skilled operators.

**Brian Erickson's Retirement:** After 30 years working at Stoughton Utilities in the Wastewater System Division, Brian Erickson, wastewater system supervisor, has retired. Following interviews, Kevin Hudson, advanced certified operator, was promoted to the supervisor position. Congratulations Brian and Kevin!

Prior to Brian's departure, he was able to work with Kevin for several weeks to provide training on monthly, quarterly, and annual DNR and EPA reporting requirements, routine plant operation and supervision tasks, important file locations, and more.

**City Construction Projects:** Wastewater operators assisted with several projects throughout the city due to new construction. We responded to several questions, performed televised inspections, and were available to ensure all projects can move forward without delay. Projects for August included:

- Street Reconstruction and Paving Projects:
  - Three manhole castings were damaged during street reconstruction.
  - New covers and castings were provided for installation on Olson Ct. and Kensington Square.
- Potential developer project on Chalet Dr.
  - Operators performed a televised inspection.
- Potential developer project on Pine St.
  - Operators performed a televised inspection.
  - Operators looked for marker balls at sewer connections, but none were found.
- Contractor connection to city sew for new project on Williams Dr.
  - Operators provided marker balls to locate new sewer connection.
  - Operators located marker balls and verified proper installation.
- Property owner inquired about a project on E. Jefferson St.
  - Operators performed visual inspection of project.
  - Operators performed a televised inspection of sewer.

**Collection System Maintenance:** Stoughton Utilities follows a capacity, management, operation, and maintenance plan (CMOM), a program that is reviewed and updated by SU staff, and submitted to the Wisconsin Department of Natural Resources for their review annually, that shows all work and improvement efforts put into our collection system. Operators aim to reach our 2023 goals when workload and priorities allow. Our current goals are:

- Clean 99,000 feet of sewers.
- Televis 30,000 feet of sewers.
- Inspect 380 manholes.

**Department of Natural Resources (WDNR) Compliance Inspection:** Stoughton Utilities, represented by Director Weiss, Assistant Director Hoops, and wastewater system supervisor Kevin Hudson, completed a compliance inspection with Ashley Brechlin of the WDNR on August 16<sup>th</sup>.

The inspection began with a review of the analytical data from the plant and the future requirements and expectations per WDNR regulations and our treatment permit. Following the review, an inspection was performed of the entire plant as well as an in-depth review of our plant records.

As a result of the inspection, adjustments were requested related to some practices and procedures. SU staff acted quickly and made the requested adjustments and have established continuous communication with the WDNR to ensure all requirements are met or exceeded.

**Department of Public Works Assistance:** Wastewater operators assisted the street and parks divisions of the DPW by cleaning several storm sewers, performing televised pipe inspections for storm sewer repairs and upcoming projects, including on Harrison Street and at the Stoughton Wellness Center, and performing hydro-excavation at several park locations.

**Hydro-Excavation Projects:** Using our jet-vac truck, wastewater operators use pressurized water to break up soil and an industrial vacuum to remove it. This method allows crews to safely dig around underground utilities as needed to assist both the electric and water divisions monthly. Projects this month included:

- Cleaning out water valve boxes on Main St.
- Water Main break clean-up for Grant St.
- Hydro-excavated for street light installation at Kettle Park West.
- Hydro-excavated for pad transformer installation at Kettle Park West.

**Lift Stations:** Our operators service five lift stations. Stations are monitored daily to address any problems that arise. We use several different tools to monitor these stations and prioritize solving any issues as soon as possible to limit pump damage and lower overall cost of repairs. In general, lift stations require constant maintenance and are prone to the following issues:

- Pump failures:
  - Storms/electrical outages
  - Clogging caused by rags and foreign objects
- Float and transducer cleaning/failures:
  - Grease build-up
  - Electrical shorts
- Generator maintenance:
  - Failure to start
  - Failure to transfer power
  - Engine malfunction
- Force mains:
  - Broken force main
  - Plugged force main
  - Malfunctioning check valve
- Electrical malfunctions:
  - Pump alternation
  - Run times
  - Communications

Lift station maintenance required this month included:

- A leaking force main at our Vennevoll Lift Station. Our operators responded quickly, and with the help of a contractor the leak was troubleshooted, repaired, contained, and cleaned with minimal impact to our customers or the environment. The DNR was notified, and the proper paperwork was submitted on this event.
- Pumping issues at the following lift stations:
  - Eighth Street:  
Pumps were not alternating properly. Operators cleaned wet well and floats to repair.

- Nordic Ridge:  
Pumps were not starting properly. Operators removed and cleaned the transducer.
- Vennevoll:  
Pump 2 was not pumping. Operators removed the pump and cleaned out rags that were causing the clog.
- Electrical Malfunctions at the following lift stations:
  - Eighth Street:  
Lift station communication error with utility building. An uninterruptible power supply (UPS) was replaced.

**Manhole Repair:** Manholes are subject to repairs as needed throughout the year. All repairs are made using industry standards that eliminate infiltration of clear water to our sewer system. We consistently work to reduce inflow and infiltration (I&I) in our collection system. Benefits of reducing I&I include but are not limited to:

- Minimizing pipe damage
- Maintaining pipe capacity
- Reduction of cost to treat clean water

This month a manhole on Holtan Road was accidentally drilled through by contractors that were upgrading a natural gas line. Upon being notified of the damage, our wastewater operators repaired the manhole by excavating the area, patching the holes caused by the gas line, and installing new adjustment rings and casting using butyl sealant.

**Plant Maintenance:** Operators monitor our Supervisory Control and Data Acquisition (SCADA) system daily to evaluate process control. We also perform physical inspection of plant equipment to monitor treatment. We address any problems in real time as required. We experienced the following equipment issues in August:

- UV System air process:  
The plant utilizes an ultraviolet disinfection process to treat our wastewater. The process uses several UV lamps and an air wiper system that inactivates pathogenic organisms. This process ensures quality treatment and reduces energy consumption. In August we replaced all air lines and two air valves to ensure reliable operations going forward.
- Plant air compressor main line:
  - The plant relies on the compressor to provide air pressure to operate various equipment. Operators replaced the main supply line to make the system operable.
- Influent sampler fridge:
  - WDNR regulations requires temperature control for all lab samples. In August, our fridge failed to maintain the required temperature. We purchased a new sampler fridge as well as a back-up fridge in the case of future failure.
- Primary sampler:
  - Samples are collected from the primary clarifier and are used for various lab tests. Operators replaced the sampler hose.
- General Plant Maintenance:
  - The plant utilizes maintenance program that generates work orders to maintain all the various pieces of equipment. Several pieces of equipment were serviced and repaired in August.

**Treatment Quality:** The plant has been running very well. We perform several lab tests daily and adjust treatment accordingly to reduce energy consumption and produce the cleanest water possible.

**Water Department Assistance:** Wastewater operators support on-call responsibilities for both the water department and wastewater departments. The on-call schedule is a five-week rotation and allows continuous service as needs arise. In general, all operators provide support across both departments when required.

Operators were called out for the following issues in July and August:

- Water Leaks: Operators responded to one service leak and three main breaks

Operators offered the following assistance in August:

- Street cleanup due to main breaks.
  - Valve box clean out for valve exercising on W. Main St.
  - Daily water samples for weekend on-call service.
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## **Water Division**

Kent F. Thompson  
Water System Supervisor

**Fire Flow Testing:** Multiple fire flow tests were witnessed and recorded. Water loss, static hydrant pressure, residual hydrant pressure while flowing, and hydrant flow data are collected during these tests.

**Hydrant Maintenance:** Water operators continue to drain, lubricate, and repair the hydrants throughout the distribution system that were identified as needing maintenance during the annual system flushing. This regular maintenance ensures that hydrants operate without flaw when they are needed during fire events.

**Chemical Feed Pump Discharge Tubing:** The pressurized discharge tubing on all chemical feed pumps was replaced by water operators. This is completed semi-annually to reduce potential chemical leaks and unnecessary operator exposures to the chemicals. Suction line screens were also inspected and replaced where necessary to ensure even chemical feed rates.

**Chemical Injectors:** Water operators removed and cleaned the chemical injection ports at all four wells to ensure even distribution of disinfection chemicals into the flow of pumped water. Chemical addition occurs in conjunction with well operation so that all water pumped is treated equally throughout the water distribution system.

**Employee Continuing Education:** One water operator attended the Wisconsin Rural Water Association Outdoor Expo in Plover, WI. The expo had hands on demonstrations on topics including hydrant maintenance and repair, valve maintenance and repair, leak detection, live water main tapping, and more. There were classroom sessions on tank mixing, new technology in well casing repair, and performing regular maintenance to ensure asset reliability.

**Main Breaks:** Two water main breaks occurred in July. An estimated 1.77M gallons of water was collectively lost between the two breaks.

One water main break occurred in August. An estimated 650,000 gallons of water was lost from this break.

Water operators assisted contractors completing repairs by isolating the mains to facilitate repairs. Following repairs, operators flushed the mains to remove any potential debris and to ensure clean drinking water.

**Reservoir and Tower Overflows:** Water operators overflowed the 400,000-gallon ground storage reservoir, the 300,000-gallon Tower 2 and the 600,000-gallon Tower 3. The annual regulated overflowing of storage facilities serves several important purposes, including:

- Accumulated biofilm on the surface of the water is removed. Removing biofilm reduces the amount of disinfection necessary to be added to our source water to prevent bacterial growth.
- Computer set points are adjusted to allow the overflowing. During the overflow, set points and alarms are checked for proper operation of the computer monitoring system. Alarms are monitored to ensure proper operation in the event of a system deficiency.

**Routine Water Sampling:** Water samples were collected from 15 sites throughout the distribution system over a period of 3 weeks to be analyzed by the state lab of hygiene for the presence of coliform bacteria. No samples had the presence of coliform.

One fluoride sample was analyzed in our lab and then forwarded to the State Lab of Hygiene for additional analysis to ensure the accuracy of our fluoride testing equipment. We are required to keep the fluoride concentration throughout the distribution system between 0.60 ppm and 0.80 ppm.

Additional daily samples are collected throughout the city and analyzed for both chlorine and fluoride in our lab which guides us in making adjustments to the addition of disinfection and fluoride at the wells.

**Scheduled Service Outages:** Multiple service outages were scheduled and conducted to verify our GIS mapping is correct. All water operators have access to our robust mapping system when we are in the field so we can efficiently locate and identify all components of the distribution system.

**Service Leak:** One service leak occurred in July. An estimated 17,280 gallons of water was lost from this leak.

Two service leaks occurred in August. An estimated 73,500 gallons of water was lost from these leaks.

Water operators assisted the contractor completing the repairs by isolating the main to allow the contractor to replace a section of service pipe.

**Well No. 4 Pump Inspection:** Well No. 4 was taken out of service and pulled for inspection. The pump will undergo a comprehensive rebuild which includes machining of the casting, installation of new wear rings and bearings, and all new stainless-steel hardware. All of the column pipe and pump shaft will also be replaced. We expect that the well will be reinstalled and returned to service in September.

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## **WPPI Energy Services**

Darren R. Jacobson

Stoughton Utilities and WPPI Energy Services Manager (ESM)

**Customer Distributed Generation:** Two new rooftop solar distributed generation projects were completed during the month of July, and applications for three additional projects were received and approved by SU.

Three new rooftop solar distributed generation projects were completed during the month of August, and applications for three additional projects were received and approved by SU.

Rooftop solar projects remain popular in Stoughton, with numerous projects either recently completed, currently under construction, or planned for construction in the upcoming months.

**Focus on Energy Monthly Incentives:** Stoughton Utilities customers received the following incentive amounts for energy efficiency and renewable projects from Wisconsin Focus on Energy:

**July:**

Residential Efficiency: Incentives totaling \$21,375 with projected annual savings of 102,282 kWh.

**August:**

Residential Efficiency: Incentives totaling \$14,634 with projected annual savings of 43,560 kWh.

These months mark a significant increase in residential incentives that can largely be attributed to customers claiming free Energy-Saving Packs following receipt of their July billing statements that included our insert advertising their availability and other Focus on Energy programs

Stoughton Utilities submits all energy-efficiency funds collected through our Commitment to Community billing rate to Wisconsin Focus on Energy to fund the statewide efficiency fund that provides these incentives.

**Member Utility Manager Roundtable:** I attended the roundtable held in Cuba City that had multiple other WPPI member community utility managers in attendance.

**RFP for Energy Efficiency:** All key accounts were provided information about the fall RFP for Energy Efficiency program. The RFP for Energy Efficiency program is designed to encourage investment by large commercial and industrial utility customers in energy efficient improvements. Up to \$200,000 of incentive funding is available for each bid cycle.

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Please visit our website at [www.stoughtonutilities.com](http://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:** September 8, 2023  
**To:** Stoughton Utilities Committee  
**From:** Jill M. Weiss, P.E.  
Stoughton Utilities Director  
**Subject:** Stoughton Utilities Communications

July 24, 2023 Stoughton Utilities press release announcing a new partnership with the U.S. Environmental Protection Agency's WaterSense program to help customers save water for future generations and reduce costs on their water bill.

July 25, 2023 Stoughton Utilities email that was sent to all customers with email addresses on file informing them about an "Energy Aware Day" issued in response to hot weather conditions and high anticipated system demand. Customers were requested to consider their household air conditioning use and other energy-intensive household actions.

August 2, 2023 Stoughton Utilities press release reminding customer to contact Diggers Hotline at 811 at least three days before they dig.

August 8, 2023 Stoughton Utilities billing insert providing information about energy-saving packages available from Wisconsin Focus on Energy. These packs contain water and energy efficient products and are available at no cost to Stoughton Utilities (limit one pack per household per year). Also included on the insert is information about other incentive programs available to customers.

August 21, 2023 Stoughton Utilities email that was sent to all customers with email addresses on file informing them about an "Energy Aware Day" issued in response to hot weather conditions and high anticipated system demand. Customers were requested to consider their household air conditioning use and other energy-intensive household actions.

August 22, 2023 Stoughton Utilities press release announcing the recent RoundUP donation to Dementia Friendly Stoughton.

August 22, 2023 Stoughton Utilities press release announcing the recent RoundUP donation to Stoughton Resettlement Assistance Project.

August 23, 2023 Thank you card from Dementia Friendly Stoughton for the recent RoundUP donation.

August 23, 2023 Thank you email from the Stoughton Chamber of Commerce. We recently donated 38 battery pack chargers for new Stoughton Area School District teachers along with information about educational opportunities.

September 5, 2023	Stoughton Utilities press release regarding seasonal energy assistance availability.
September 7, 2023	Thank you card from Imagine Academy regarding participation in National Night Out.
September 8, 2023	Stoughton Utilities September billing insert detailing this year's Public Power Week Scavenger Hunt. Public Power Week takes place during the first full week of October.



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# News Release

## Stoughton Utilities

FOR IMMEDIATE RELEASE

July 24, 2023

Contact: Jill Weiss, Utilities Director

### **Stoughton Utilities Partners with EPA's WaterSense® Program to Promote Water Efficiency**

Stoughton Utilities has teamed up with the U.S. Environmental Protection Agency's (EPA's) WaterSense program to help consumers and businesses save water for future generations and reduce costs on their utility bills. WaterSense aims to decrease indoor and outdoor water use through water-efficient products and water-saving practices. The program encourages customers to look for WaterSense labeled products, which are independently certified to use 20 percent less water and perform as well as or better than standard models. WaterSense also promotes water-saving techniques and practices that reduce stress on water supplies.

“The goal of EPA's WaterSense program is to help Americans save water and money by offering simple ways to reduce water use through water-efficient product choices and practices,” says Veronica Blette, WaterSense branch chief. “Using water more efficiently can help delay the need to create more supplies, saving communities money and resources, as well as ensuring that water will be available for future generations.”

The average family can save nearly 38,000 gallons of water per year by retrofitting its home with WaterSense labeled fixtures and ENERGY STAR® qualified appliances. If every home in the United States upgraded to WaterSense labeled fixtures and ENERGY STAR qualified appliances, we could save nearly 4 trillion gallons of water and nearly \$40 billion in water costs across the country annually.

“Stoughton Utilities is proud to be a WaterSense partner,” said Jill Weiss, Utilities Director. “We look forward to working with our customers to improve water efficiency awareness and promote WaterSense labeled products and water-saving practices inside and out.”

Product categories eligible for the WaterSense label include toilets, bathroom faucets and accessories, showerheads, flushing urinals, weather-based irrigation controllers, and spray sprinkler bodies. WaterSense also offers a label for single-family homes and multifamily units that use less water and labels programs that certify landscape irrigation professionals that have demonstrated their knowledge of water-efficient practices.

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

\*\*\*

WaterSense, a partnership program sponsored by EPA, seeks to protect the future of our nation's water supply by offering people a simple way to use less water with water-efficient products, new homes, and services. Since the program's inception in 2006, WaterSense has helped consumers save trillions of gallons of water and billions in water and energy bills. For more information, visit [www.epa.gov/watersense](http://www.epa.gov/watersense).



# Your Resource for Saving Energy & Money!

Customer Service

For My Home

For My Business

Our Community

## It's an Energy Aware Day

**REDUCE USAGE FROM 3-7 PM**

July 25, 2023 - July 28, 2023

Hot weather conditions are expected for the remainder of the week. Go to the pool, sit in the shade, read a book or have a cool drink - completely guilt-free! On hot days, doing less is more.



- Leave the laundry, dishes, and other chores for a cooler day to avoid heating up your home.
- Turning your thermostat up just a few degrees can translate into big savings.
- Grill out! It's a great way to keep your house cooler.
- Keep shades closed and fans going to make your home feel more comfortable.

**Remember - the entire community benefits when we all use less energy!**

**What does this mean? Find out more.**

Stoughton Utilities | [stoughtonutilities.com](https://stoughtonutilities.com)



Stoughton Utilities | 600 South 4th Street, Stoughton, WI 53589

[Unsubscribe\\_customerservice@stoughtonutilities.com](mailto:Unsubscribe_customerservice@stoughtonutilities.com)

[Update Profile](#) | [Constant Contact Data Notice](#)





**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

August 2, 2023

Contact: Jill Weiss, Utilities Director

### **Stoughton Utilities Reminds Customers to Call Before They Dig**

**Stoughton residents can call 811 three days before digging to know what's below.**

As August 11 approaches, Stoughton Utilities reminds customers to use this date on the calendar – 8/11 – to serve as a natural reminder for residents to call 811 prior to any digging project. Calling 811 at least three days prior to digging ensures all underground utility lines are marked, which can save a life.

And in Wisconsin, calling 811 before you dig is state law.

Every few minutes in the United States, an underground utility line is damaged because someone decided to dig without first calling 811. Striking a single line – whether electric, water, gas, or telecommunications – can cause injury, repair costs, fines, power outages, or an explosion.

When calling 811, homeowners and contractors are connected to the local one-call center, which notifies the appropriate utility companies of their intent to dig. Professional locators are then sent to the requested digging site to mark the approximate locations of underground lines with flags, spray paint or both. Stoughton Utilities will arrive within three days to mark our underground electric, water, and sanitary sewer lines, as will the natural gas provider and all telecommunications companies.

Every digging project, no matter how large or small, warrants a call to 811. Installing a mailbox, building a deck, planting a tree, and laying a patio are all examples of digging projects that require a call to 811 before getting starting.



“On August 11 and throughout the year, we remind homeowners and professional contractors alike to call 811 before digging to reduce the risk of striking an underground utility line,” said Stoughton Utilities Director Jill Weiss. “It really is the only way to know which utilities are buried in your area, and what lies beneath the ground.”

The depth of utility lines can vary for reasons such as erosion, previous digging projects, type of utility, and uneven surfaces. Every project requires a new 811 request before digging.

Here’s the process for contacting your local 811 call center, courtesy of [call811.com](http://call811.com):

1. Notify your local Digger’s Hotline call center by calling 8-1-1, or by making an online request at [diggershotline.com](http://diggershotline.com), at least three days before beginning your project.
2. Wait the required amount of time for all affected utility operators to respond to your request.
3. Visually verify that all affected utility operators have responded to your request and marked underground utilities. If you have a reason to believe that not all lines have been located, call 811 to follow-up.
4. Respect the marks.
5. Dig around the marks with care.

\*\*\*

*Wisconsin Diggers’ Hotline*  
*8-1-1 or (800) 242-8511*  
[www.diggershotline.com](http://www.diggershotline.com)

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

# FOCUS ON FREE ENERGY SAVINGS

You heard right, energy-saving packs from FOCUS ON ENERGY® are free, seriously free. Packs are shipped directly to you and include a variety of products designed to help you focus on reducing energy waste. Choose from packs that include energy-efficient LEDs, showerheads, and more!

## Ready to save for free?

Order your free pack now at [focusonenergymarketplace.com/free](http://focusonenergymarketplace.com/free) or give Focus on Energy a call at **800.762.7077**. Before ordering your pack, please have your electric and gas (if applicable) utility account numbers handy. *Limit of one pack per eligible household per year.* Pack contents may vary.



Already ordered your free pack this year? Visit [focusonenergymarketplace.com](http://focusonenergymarketplace.com) to find discounts and sign up for email notifications on more energy-saving products.



### Focus on Baths



### Focus on Showers



### Focus on Comfort



Partnering with Wisconsin utilities

# FOCUS ON HOME ENERGY SAVINGS



When you turn your focus on energy efficiency, you can focus on doing more. Whatever the motivation may be, you're making a conscious effort to reduce your home energy use and save money not only for yourself, but for Wisconsin, too.

With all the different ways to take action, it can be challenging to decide which solutions are best for you. We make it easy for you to find the right opportunities to make a real difference.

## Focus on FREE energy-saving products.

Get a pack with LED bulbs, efficient water fixtures, smart power strips, and more sent right to your door—all for free!

[focusenergymarketplace.com/free](https://focusenergymarketplace.com/free)

## Stay comfortable and save on heating and cooling upgrades.

Get rebates on new heating and cooling equipment like furnaces, smart thermostats, and more.

[focusenergy.com/heatingandcooling](https://focusenergy.com/heatingandcooling)

## Find instant discounts on energy-efficient products online.

Focus on Energy's online marketplace offers a variety of energy-efficient retail products at discounted prices.

[focusenergymarketplace.com](https://focusenergymarketplace.com)

## Learn how to save at home in a matter of minutes.

Focus on Energy's online home energy assessment can help you make smart energy decisions for your home. Plus, find rebates to help save money with your upgrades.

[focusenergy.myenergyxpert.com](https://focusenergy.myenergyxpert.com)

## Renewable energy.

Work with Focus on Energy to get the technical support and financial rebates you need to make the transition to renewable energy.

[focusenergy.com/renewable](https://focusenergy.com/renewable)

## Seal your home and save energy.

Air sealing and insulation upgrades will help protect your home against lost heating or cooling and air quality issues year-round, while also improving your comfort.

[focusenergy.com/wholehome](https://focusenergy.com/wholehome)

## Measure twice, cut once (and save forever).

Focus on Energy will put you in touch with builders and consultants providing third-party certification for homes that meet the highest efficiency standards.

[focusenergy.com/new-home](https://focusenergy.com/new-home)

Follow us on Facebook at [www.facebook.com/focusonenergy](https://www.facebook.com/focusonenergy) for special offers and more ways to save energy and money!

### REDUCING ENERGY WASTE ACROSS WISCONSIN

Focus on Energy, Wisconsin utilities' statewide program for energy efficiency and renewable energy, helps eligible residents and businesses save energy and money while protecting the environment. Focus on Energy information, resources, and financial incentives help to implement energy efficiency and renewable energy projects that otherwise would not be completed. ©2023 Wisconsin Focus on Energy





## Your Resource for Saving Energy & Money!

Customer Service

For My Home

For My Business

Our Community

# It's an Energy Aware Day

## REDUCE USAGE FROM 3-7 PM

August 21, 2023 - August 24, 2023

Hot weather conditions are expected this week. When you venture out to enjoy the end of summer, remember to adjust your thermostat before you leave so you don't cool an empty house.

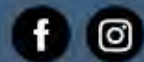
- Close the shades or blinds to keep the house cool while you're out.
- Turn off lights, fans, and unused electronics when you leave.
- Have an outdoor picnic and forget the cooking!
- Leave the laundry, dishes, and other chores for a cooler day to avoid heating up your home.



**Help keep our power system reliable. The entire community benefits when we all use less energy!**

**What does this mean? Find out more.**

Stoughton Utilities | [stoughtonutilities.com](http://stoughtonutilities.com)





**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

August 22, 2023

Contact: Jill Weiss, Utilities Director

### **Stoughton Utilities RoundUp Program Donates \$500 to Dementia Friendly Stoughton**

Dementia Friendly Stoughton recently accepted a check for \$500 from 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.

Dementia Friendly Stoughton helps to support people living with dementia and their care providers through education, respite care, socialization, and inclusion. Funds will be used for community education sessions and the provision of memory café opportunities.

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](https://stoughtonutilities.com/roundup), or by calling Stoughton Utilities customer service at (608) 873-3379.



###

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# News Release

## Stoughton Utilities

FOR IMMEDIATE RELEASE

August 22, 2023

Contact: Jill Weiss, Utilities Director

### **Stoughton Utilities RoundUp Program Donates \$500 to Stoughton Resettlement Assistance Project**

Stoughton Resettlement Assistance Project recently accepted a check for \$500 from 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.

Stoughton Resettlement Assistance Project helps to support families displaced due to the Russian conflict with Ukraine. Families are provided with their own furnished apartments and help covering expenses until employment can be secured. Funds will help cover utility and other expenses for these families.

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](https://stoughtonutilities.com/roundup), or by calling Stoughton Utilities customer service at (608) 873-3379.



###

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**STOUGHTON**  
**HEALTH**

---

*Creating Excellence Together*

Round Up Committee ~

Thank you so much for your generous contribution to the Dementia Friendly coalition. These funds will help support our memory cafés & community education.

With appreciation,  
Heather Kleinbrock + The Stoughton  
DF coalition

**From:** [Sarah Ebert](#)  
**To:** [Brandi Yungen](#)  
**Subject:** Thank you for your SWAG  
**Date:** Wednesday, August 23, 2023 4:13:31 PM

---

# THANK YOU!

Dear Brandi,

Thank you so much for taking the time to contribute to the Teacher Welcome Bags. We had over 30 businesses participate. The teachers were touched by the outpouring of support as they start their journey with SASD.

I'm proud to represent businesses like yours!

Sarah Ebert  
President  
Stoughton Chamber of Commerce  
608-873-7912

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This email was sent on behalf of Stoughton Chamber of Commerce 532 E Main Street Stoughton, WI 53589. To unsubscribe [click here](#). If you have questions or comments concerning this email or services in general, please contact us by email at [stoughton@stoughtonwi.com](mailto:stoughton@stoughtonwi.com).



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# News Release

## Stoughton Utilities

FOR IMMEDIATE RELEASE

September 5, 2023

Contact: Jill Weiss, Stoughton Utilities Director

### **Seasonal Energy Assistance Available for Stoughton Customers**

Stoughton Utilities reminds customers in need that resources are available to help them and their families stay safe during the winter.

#### **Wisconsin Home Energy Assistance Program**

Stoughton Utilities participates in the Wisconsin Home Energy Assistance Program (WHEAP), which is funded through the federal Low-Income Home Energy Assistance Program (LIHEAP) and Public Benefits Energy Assistance Program. WHEAP assists individuals and families that need help paying residential heat and electric bills during the winter months.

Services are provided locally through county social services offices, tribal governments and private non-profit or other government agencies. Applications will be accepted Oct. 1 - May 15 each year. For more information, call 1-866-HEATWIS (432-8947).

#### **Wisconsin Weatherization Assistance Program**

The Wisconsin Weatherization Assistance Program (WisWAP) provides services to help low-income homeowners and renters reduce energy use and lower utility bills. Services are

administered by local Community Action Agencies and nonprofit organizations. For more information, visit <http://homeenergyplus.wi.gov> or call 1-866-432-8947 (toll free).

\*\*\*

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

# Greetings From...



## IMAGINE ACADEMY

Confidence - Strength - Friendships

Stoughton Utilities-

We had a great time with the  
Stoughton Police at the Night Out!

It was such a good feeling to  
see the community come together!

 + Sarah



# Explore Stoughton during Public Power Week!

Stoughton Utilities will be celebrating Public Power Week with a family-friendly scavenger hunt! Grand prizes include bill credits, energy efficiency products, local gift certificates, and more!



## Join our Scavenger Hunt October 1 - 7

### How to play:

- Download the Eventzee app for IOS or Android  
\*Contact us for an alternate way to play if you are unable to use the app
- Enter the join code or scan the QR code to sign up and reserve your spot in the 2023 Public Power Scavenger Hunt!
- Complete challenges during the week of October 1 - 7, 2023 to earn points. This years scavenger hunt will include trivia, location based clues, photo challenges, and more!
- Earn badges, win prizes, and have fun!



**Join code:**

publicpower2023



*Must be a Stoughton Utilities customer to win. One entry per customer household per day. Limit one grand prize per utility account. City employees and their immediate families are not eligible to win grand prizes. Secret locations will be located on public property, and will not include electrical substations or water distribution facilities.*



**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.

 A WPPI Energy community



**Stoughton Utilities**

600 South Fourth Street  
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*Serving Electric, Water & Wastewater Since 1886*

**Date:** September 8, 2023

**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 July 25, 2023 meeting:

Consent Agenda:

1. Minutes of the May 15, 2023 Regular Utilities Committee Meeting
2. Minutes of the June 19, 2023 Regular Utilities Committee Meeting
3. Stoughton Utilities Payments Due List Report – May
4. Stoughton Utilities Payments Due List Report – June
5. Stoughton Utilities Financial Summary – April
6. Stoughton Utilities Financial Summary – May
7. Stoughton Utilities Statistical Report – May
8. Stoughton Utilities Statistical Report – June

Presentations:

1. Stoughton Water Quality: 2022-2023 Lead and Copper Sampling Results

Business:

1. Authorizing the Partial Release of a Platted Public Utility Easement on Lot 141 of John Nygaard's Virgin Lake Estates (2108 Wood View Dr), recorded as Document No. 5592538, Dane County Registry (**Tabled for Document Updates**)



**Stoughton Utilities**

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**Date:** September 8, 2023

**To:** Stoughton Utilities Committee

**From:** Shannon M. Statz  
Stoughton Utilities Finance Manager

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

**Subject:** Status of the Public Service Commission of Wisconsin Electric Rate Application Filing

An update will be provided to the committee on the status of the electric rate application that was filed with the Public Service Commission of Wisconsin (PSCW) on February 22, 2023 seeking a revenue requirement increase of 4.82%.



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*Serving Electric, Water & Wastewater Since 1886*

**Date:** September 8, 2023

**To:** Stoughton Utilities Committee

**From:** Shannon Statz  
Stoughton Utilities Finance Manager

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

**Subject:** Preview of the Stoughton Utilities Proposed 2024 Budget

Staff is currently in the process of preparing the 2024 electric, water, and wastewater budgets. At the meeting, staff will discuss preliminary 2024 budget initiatives and calculations. A large piece of the budget presentation is our capital improvement projects (CIP) plan that will be presented for approval in a later agenda item but will factor into this discussion as well.

Some highlights from the budget preview that will be discussed:

- Material availability due to supply chain concerns.
- Continuation of the 2022 strategic alignment compensation plan.
- The impacts of increased inflation on Stoughton Utilities' operating expenses and 2024 budget.
- Anticipated future rate increases and debt issuance to fund capital improvement projects.
- Status of the electric rate review currently submitted to the Public Service Commission of Wisconsin and its impact on 2024 revenue.

Over the next five years we have an aggressive water main and sewer main replacement list. These projects are necessary to keep up with the street replacement schedule included in the City of Stoughton's proposed 5-year CIP, as well as the Wisconsin Department of Transportation's (WisDOT) work on US Highway 51 / Wisconsin Highway 138 / Main Street corridor (simply referenced as USH-51).

Due to the size and volume of planned underground reconstruction projects, we will need consistent water and wastewater utility rate increases to fund the work. In addition, we will need to issue debt to pay for projects such as the WisDOT USH-51 work. Staff has put together a financial plan to be able to afford these projects. That has been included in the draft budget overview documents included in the packet.

Planned in 2024 and 2025, the electric utility has a major distribution system reliability project to tie two circuits to support increased customer reliability, provide circuit redundancy, and support the utility's ability to handle new load in a growing area of the system.

Following the Utilities Committee discussion, staff will finalize our budget calculations and complete our proposed Stoughton Utilities 2024 budget. The final proposed Stoughton Utilities 2024 budget will be presented for review, approval, and recommendation to the City of Stoughton Common Council at the October meeting.





# WATER 2024

	2023	2023	2024	2025	2026	2027	2028
	<b>BUDGETED</b>	<b>ESTIMATED</b>					
<b>OPERATING REVENUES</b>							
Total Operating Revenues	\$ 2,562,238	\$ 2,618,411	\$ 2,791,401	\$ 3,013,117	\$ 3,238,312	\$ 3,226,458	\$ 3,467,975
<b>OPERATING EXPENSES</b>							
Total Operating Expenses	\$ 2,082,474	\$ 1,870,781	\$ 2,160,938	\$ 2,188,083	\$ 2,382,007	\$ 2,391,171	\$ 2,490,314
<b>REGULATORY OPERATING INCOME</b>	\$ 479,764	\$ 747,630	\$ 630,463	\$ 825,034	\$ 856,305	\$ 835,286	\$ 977,662
<b>AVERAGE NET RATE BASE</b>	\$ 11,245,708	\$ 11,214,031	\$ 11,823,635	\$ 12,766,248	\$ 13,606,900	\$ 14,738,283	\$ 15,568,477
<b>RATE OF RETURN (Allowed - 6.50%)</b>	4.27%	6.67%	5.33%	6.46%	6.29%	5.67%	6.28%
<b>OPERATING CASH FLOWS</b>	2023	2023	2024	2025	2026	2027	2028
Total Operating Cash Flows	\$ 867,482	\$ 995,940	\$ 1,040,711	\$ 1,260,189	\$ 1,337,332	\$ 1,340,286	\$ 1,514,765
<b>CAPITAL AND FINANCING CASH FLOWS</b>							
Acquisition of capital assets	\$ (257,452)	\$ (257,452)	\$ (1,870,400)	\$ (771,500)	\$ (2,036,781)	\$ (1,280,737)	\$ (1,524,000)
Principal paid	(573,716)	(573,716)	(401,025)	(444,805)	(401,894)	(307,414)	(318,603)
Interest paid	(94,751)	(94,751)	(111,796)	(128,574)	(146,480)	(165,677)	(156,192)
Debt proceeds	-	-	1,105,000	-	1,000,000	200,000	-
Special assessments	32,509	-	-	-	-	-	-
	\$ (893,410)	\$ (925,919)	\$ (1,278,221)	\$ (1,344,879)	\$ (1,585,155)	\$ (1,553,827)	\$ (1,998,795)
<b>INVESTING ACTIVITIES CASH FLOWS</b>							
Investment income	\$ 67,287	\$ 50,757	\$ 58,641	\$ 56,278	\$ 56,879	\$ 58,650	\$ 62,278
Net Change in Cash	\$ 41,359	\$ 120,778	\$ (178,869)	\$ (28,412)	\$ (190,943)	\$ (154,892)	\$ (421,753)
<b>UNRESTRICTED MONTHS ON HAND</b>	8.99	7.25	7.64	7.05	6.04	5.46	3.58
<b>RATE INCREASE NEEDED</b>	0.00%	0.00%	9.00%	SRC 8.00%	8.00%	0.00%	SRC 8.00%
<b>DEBT ISSUE NEEDED</b>	\$ -	\$ -	\$ 1,105,000	\$ -	\$ 1,000,000	\$ 200,000	\$ -

## WASTEWATER 2024

	2023	2023	2024	2025	2026	2027	2028
<b>OPERATING REVENUES</b>	<b>BUDGETED</b>	<b>ESTIMATED</b>					
Total Operating Revenues	\$ 2,353,229	\$ 2,263,615	\$ 2,526,832	\$ 2,773,352	\$ 3,042,566	\$ 3,338,896	\$ 3,663,602
<b>OPERATING EXPENSES</b>							
Total Operating Expenses	\$ 2,257,545	\$ 2,137,645	\$ 2,441,666	\$ 2,498,589	\$ 2,585,555	\$ 2,693,281	\$ 2,792,973
<b>OPERATING INCOME</b>	<b>\$ 95,685</b>	<b>\$ 125,970</b>	<b>\$ 85,166</b>	<b>\$ 274,764</b>	<b>\$ 457,011</b>	<b>\$ 645,616</b>	<b>\$ 870,629</b>
<b>OPERATING CASH FLOWS</b>							
Total Operating Cash Flows	\$ 1,025,640	\$ 1,055,925	\$ 1,045,000	\$ 1,269,323	\$ 1,487,270	\$ 1,723,772	\$ 1,985,696
<b>CAPITAL AND FINANCING CASH FLOWS</b>							
Acquisition of capital assets	\$ (704,127)	\$ (704,127)	\$ (1,791,128)	\$ (787,400)	\$ (1,865,225)	\$ (1,684,125)	\$ (1,056,200)
Principal paid	(395,126)	(395,126)	(336,996)	(346,914)	(358,722)	(368,314)	(307,712)
Interest paid	(69,838)	(69,838)	(95,099)	(103,067)	(110,579)	(115,409)	(120,754)
Debt proceeds	-	-	1,156,000	-	1,120,000	970,000	-
Special assessments	22,294	-	-	-	-	-	-
	\$ (1,146,797)	\$ (1,169,091)	\$ (1,067,223)	\$ (1,237,381)	\$ (1,214,526)	\$ (1,197,848)	\$ (1,484,666)
<b>INVESTING ACTIVITIES CASH FLOWS</b>							
Investment income	\$ 53,089	\$ 69,731	\$ 62,107	\$ 61,863	\$ 61,738	\$ 68,162	\$ 82,090
Net Change in Cash	\$ (68,068)	\$ (43,435)	\$ 39,884	\$ 93,805	\$ 334,481	\$ 594,086	\$ 583,120
<b>UNRESTRICTED MONTHS ON HAND</b>	<b>2.50</b>	<b>3.79</b>	<b>2.28</b>	<b>2.39</b>	<b>3.43</b>	<b>5.29</b>	<b>6.70</b>
<b>RATE INCREASE NEEDED</b>	<b>0.00%</b>	<b>0.00%</b>	<b>9.00%</b>	<b>9.00%</b>	<b>9.00%</b>	<b>9.00%</b>	<b>9.00%</b>
<b>DEBT ISSUE NEEDED</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,156,000</b>	<b>\$ -</b>	<b>\$ 1,120,000</b>	<b>\$ 970,000</b>	<b>\$ -</b>



**Stoughton Utilities**

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

*Serving Electric, Water & Wastewater Since 1886*

**Date:** September 8, 2023

**To:** Stoughton Utilities Committee

**From:** Shannon Statz  
Stoughton Utilities Finance Manager

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

**Subject:** Stoughton Utilities Proposed Five-Year (2024 – 2028) Capital Improvement Projects (CIP) Program

The Stoughton Utilities proposed Five-Year Capital Projects Program has been developed utilizing system engineering studies, regulatory agency requirements, potential joint projects with other Stoughton Departments and the Wisconsin Department of Transportation to yield economy of scale savings, and development-lead projects.

The Stoughton Utilities Proposed Five-Year (2024 – 2028) Capital Improvement Projects (CIP) Program is provided at this time for committee approval. The committee-approved CIP will be used by staff to finalize our budget calculations and complete our proposed Stoughton Utilities 2024 budget, which will be presented to the committee for approval at its October meeting. Along with our 2024 Operating Budget, the CIP is scheduled for presentation at the Common Council meeting on October 24, 2023 and adoption on November 7, 2023.

We are requesting that the Stoughton Utilities Committee review and approve the Stoughton Utilities Proposed Five-Year (2024 – 2028) Capital Improvement Projects (CIP) Program, and recommend approval of the CIP to the Stoughton Common Council at their October 24, 2023 and November 7, 2023 meetings.



**Stoughton Utilities – Program Summary**

Capital Projects Program – 2024-2028

September 12, 2023

<b>Division</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>Grand Total</b>
Electric Division	\$2,062,400.00	\$1,405,000.00	\$915,000.00	\$740,000.00	\$755,000.00	<b>\$5,877,400.00</b>
Water Division	\$1,855,900.00	\$735,000.00	\$1,961,000.00	\$1,276,636.51	\$1,524,000.00	<b>\$7,352,536.51</b>
Wastewater Division	\$1,751,128.00	\$774,000.00	\$1,833,000.00	\$1,679,000.00	\$1,056,200.00	<b>\$7,093,328.00</b>
Technical Operations Division	\$197,460.00	\$49,900.00	\$115,804.00	\$ -	\$ -	<b>\$363,164.00</b>
<b>Annual Total:</b>	<b>\$5,866,888.00</b>	<b>\$2,963,900.00</b>	<b>\$4,824,804.00</b>	<b>\$3,695,636.51</b>	<b>\$3,335,200.00</b>	<b>\$20,686,428.51</b>

<b>Projects:</b>	<b>Funding:</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>Total:</b>
Admin Building: Warehouse Shelving	Utility Reserve	\$12,000.00	\$ -	\$ -	\$ -	\$ -	<b>\$12,000.00</b>
AMR/AMI Enhancements	Utility Reserve	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	<b>\$25,000.00</b>
Distribution Capacity/Reconstruction Projects	Utility Reserve	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	<b>\$500,000.00</b>
Distribution: Automation/System Reclosers	Utility Reserve	\$45,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	<b>\$125,000.00</b>
Distribution: New Feeder N1 to Loop North Business Park to N2 (#10)	Utility Reserve	\$ -	\$ -	\$500,000.00	\$ -	\$ -	<b>\$500,000.00</b>
Distribution: Rebuild CTH B: Williams to CTH N (#11)	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$400,000.00	<b>\$400,000.00</b>
Distribution: Rebuild CTH N: USH 51 to CTH B (#12)	Utility Reserve	\$ -	\$ -	\$ -	\$400,000.00	\$ -	<b>\$400,000.00</b>
Distribution: SW6 - Add west tie circuit (#9) - Lake Loop	Utility Reserve	\$900,000.00	\$600,000.00	\$ -	\$ -	\$ -	<b>\$1,500,000.00</b>
Distribution: WIDOT System Conflicts	Utility Reserve	\$75,000.00	\$75,000.00	\$75,000.00	\$ -	\$ -	<b>\$225,000.00</b>
PSC CA: Engineering - System Upgrades Reliability	Utility Reserve	\$30,000.00	\$ -	\$ -	\$ -	\$ -	<b>\$30,000.00</b>
SCADA: Line Sensors	Utility Reserve	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	<b>\$75,000.00</b>
SCADA: OSI Software & Security Upgrades	Utility Reserve	\$15,000.00	\$15,000.00	\$ -	\$ -	\$15,000.00	<b>\$45,000.00</b>
Transformers	Utility Reserve	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	<b>\$1,000,000.00</b>
<b>Projects Section Total:</b>		<b>\$1,397,000.00</b>	<b>\$1,030,000.00</b>	<b>\$915,000.00</b>	<b>\$740,000.00</b>	<b>\$755,000.00</b>	<b>\$4,837,000.00</b>
<b>Vehicles:</b>	<b>Funding:</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>Total:</b>
Fleet: Bucket Truck #12 (2011)	Utility Reserve	\$320,000.00	\$ -	\$ -	\$ -	\$ -	<b>\$320,000.00</b>
Fleet: Bucket Truck #16 (2010)	Utility Reserve	\$320,000.00	\$ -	\$ -	\$ -	\$ -	<b>\$320,000.00</b>
Fleet: Digger Truck #5 (2007)	Utility Reserve	\$ -	\$375,000.00	\$ -	\$ -	\$ -	<b>\$375,000.00</b>
Fleet: Wire Pulling Trailer (2003)	Utility Reserve	\$25,400.00	\$ -	\$ -	\$ -	\$ -	<b>\$25,400.00</b>
<b>Vehicles Section Total:</b>		<b>\$665,400.00</b>	<b>\$375,000.00</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$1,040,400.00</b>
<b>Grand Total:</b>		<b>\$2,062,400.00</b>	<b>\$1,405,000.00</b>	<b>\$915,000.00</b>	<b>\$740,000.00</b>	<b>\$755,000.00</b>	<b>\$5,877,400.00</b>

**Stoughton Utilities – Water Division**

*Capital Projects Program – 2024-2028*

<b>Projects:</b>	<b>Funding:</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>Total:</b>
*Water Valve Adjustments for Street Projects	Utility Reserve	\$18,900.00	\$27,000.00	\$2,000.00	\$34,000.00	\$4,000.00	<b>\$85,900.00</b>
2024 Main abandon/Services/Main- W South: Van Buren to Page	Utility Reserve	\$271,000.00	\$ -	\$ -	\$ -	\$ -	<b>\$271,000.00</b>
2024 Main replace- 4th: Main to Bridge	Utility Reserve	\$356,000.00	\$ -	\$ -	\$ -	\$ -	<b>\$356,000.00</b>
2024 Main replace- 5th: Jefferson to South	Utility Reserve	\$131,000.00	\$ -	\$ -	\$ -	\$ -	<b>\$131,000.00</b>
2024 Main replace- E South: 4th to 8th	Revenue Bonds	\$243,000.00	\$ -	\$ -	\$ -	\$ -	<b>\$243,000.00</b>
2024 Main replace- Mandt Park	Revenue Bonds	\$671,000.00	\$ -	\$ -	\$ -	\$ -	<b>\$671,000.00</b>
2025 Main replace- 4th:Milwaukee to Isham		\$ -	\$576,000.00	\$ -	\$ -	\$ -	<b>\$576,000.00</b>
2025 Main replace- Hwy 51: 5th to Chalet (DOT)	Revenue Bonds	\$ -	\$57,000.00	\$ -	\$ -	\$ -	<b>\$57,000.00</b>
2026 Main replace- Harding/Grant: Page to Wilson	Utility Reserve	\$ -	\$ -	\$346,000.00	\$ -	\$ -	<b>\$346,000.00</b>
2026 Main replace- Hwy 51: Van Buren to Roby (DOT)	Revenue Bonds	\$ -	\$ -	\$610,000.00	\$ -	\$ -	<b>\$610,000.00</b>
2026 Main replace- Taft: Page to Wilson	Utility Reserve	\$ -	\$ -	\$396,000.00	\$ -	\$ -	<b>\$396,000.00</b>
2026 Main replace- Wilson: Page to Taft	Utility Reserve	\$ -	\$ -	\$495,000.00	\$ -	\$ -	<b>\$495,000.00</b>
2027 Main replace- Hwy 51: Van Buren/Harrison to 5th (DOT)	Revenue Bonds	\$ -	\$ -	\$ -	\$572,636.51	\$ -	<b>\$572,636.51</b>
2027 Main replace- N. Forrest: North to Dead End	Utility Reserve	\$ -	\$ -	\$ -	\$180,000.00	\$ -	<b>\$180,000.00</b>
2027 Main replace- North: Division to Forrest	Utility Reserve	\$ -	\$ -	\$ -	\$150,000.00	\$ -	<b>\$150,000.00</b>
2028 Main replace- Madison: Harding to Clyde	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$569,000.00	<b>\$569,000.00</b>
2028 Main replace- McKinley: Madison to Page	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$273,000.00	<b>\$273,000.00</b>
2028 Main replace- Prairie: Taft to McKinley	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$140,000.00	<b>\$140,000.00</b>
2028 Main replace- Roy: Monroe to Madison	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$277,000.00	<b>\$277,000.00</b>
2028 Main replace- Taft: Prairie to Page	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$216,000.00	<b>\$216,000.00</b>
Engineering: DOT Majors - General	Revenue Bonds	\$20,000.00	\$30,000.00	\$32,000.00	\$70,000.00	\$ -	<b>\$152,000.00</b>
Meters - Large: Replacements	Utility Reserve	\$ -	\$ -	\$ -	\$25,000.00	\$ -	<b>\$25,000.00</b>
Meters - Standard: New and Replacements	Utility Reserve	\$139,000.00	\$45,000.00	\$45,000.00	\$45,000.00	\$45,000.00	<b>\$319,000.00</b>
SCADA: System Upgrades	Utility Reserve	\$ -	\$ -	\$35,000.00	\$ -	\$ -	<b>\$35,000.00</b>
Well No. 6 - Valve Replacement		\$4,500.00	\$ -	\$ -	\$ -	\$ -	<b>\$4,500.00</b>
Well No. 7 - Gutter Improvements		\$1,500.00	\$ -	\$ -	\$ -	\$ -	<b>\$1,500.00</b>
<b>Projects Section Total:</b>		<b>\$1,855,900.00</b>	<b>\$735,000.00</b>	<b>\$1,961,000.00</b>	<b>\$1,076,636.51</b>	<b>\$1,524,000.00</b>	<b>\$7,152,536.51</b>
<b>Vehicles:</b>	<b>Funding:</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>Total:</b>
Fleet: Service Truck #1 (2012)	Utility Reserve	\$ -	\$ -	\$ -	\$100,000.00	\$ -	<b>\$100,000.00</b>
Fleet: Service Truck #22 (2012)	Utility Reserve	\$ -	\$ -	\$ -	\$100,000.00	\$ -	<b>\$100,000.00</b>
<b>Vehicles Section Total:</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$200,000.00</b>	<b>\$ -</b>	<b>\$200,000.00</b>
<b>Grand Total:</b>		<b>\$1,855,900.00</b>	<b>\$735,000.00</b>	<b>\$1,961,000.00</b>	<b>\$1,276,636.51</b>	<b>\$1,524,000.00</b>	<b>\$7,352,536.51</b>

**Stoughton Utilities – Wastewater Division**

*Capital Projects Program – 2024-2028*

<b>Projects:</b>	<b>Funding:</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>Total:</b>
*Wastewater MH adjustments for Street Projects	Utility Reserve	\$20,000.00	\$9,000.00	\$4,000.00	\$33,000.00	\$7,200.00	<b>\$73,200.00</b>
2024 Main replace- 4th: Main to Bridge	Utility Reserve	\$60,000.00	\$ -	\$ -	\$ -	\$ -	<b>\$60,000.00</b>
2024 Main replace- 5th: South to Jefferson	Utility Reserve	\$115,128.00	\$ -	\$ -	\$ -	\$ -	<b>\$115,128.00</b>
2024 Main replace- E South: 4th to 8th	Utility Reserve	\$462,000.00	\$ -	\$ -	\$ -	\$ -	<b>\$462,000.00</b>
2024 Main replace- Mandt Park	Revenue Bonds	\$183,000.00	\$ -	\$ -	\$ -	\$ -	<b>\$183,000.00</b>
2024 Main replace- W South: Page to Van Buren	Utility Reserve	\$511,000.00	\$ -	\$ -	\$ -	\$ -	<b>\$511,000.00</b>
2025 Main replace- 4th: Milwaukee to Isham	Utility Reserve	\$ -	\$373,000.00	\$ -	\$ -	\$ -	<b>\$373,000.00</b>
2025 Main replace- Hwy 51: 5th to Chalet (DOT)	Revenue Bonds	\$ -	\$217,000.00	\$ -	\$ -	\$ -	<b>\$217,000.00</b>
2026 Main lining- Wilson: Page to Taft	Utility Reserve	\$ -	\$ -	\$136,000.00	\$ -	\$ -	<b>\$136,000.00</b>
2026 Main replace- Harding/Grant: Page to Wilson	Utility Reserve	\$ -	\$ -	\$318,000.00	\$ -	\$ -	<b>\$318,000.00</b>
2026 Main replace- Hwy 51: Van Buren to Roby (DOT)	Revenue Bonds	\$ -	\$ -	\$713,000.00	\$ -	\$ -	<b>\$713,000.00</b>
2026 Main replace- Taft: Page to Wilson	Utility Reserve	\$ -	\$ -	\$407,000.00	\$ -	\$ -	<b>\$407,000.00</b>
2027 Main replace- Forrest: Washington to Dead End 19/11	Utility Reserve	\$ -	\$ -	\$ -	\$251,000.00	\$ -	<b>\$251,000.00</b>
2027 Main replace- Harrison: Main to Jefferson (DOT)	Revenue Bonds	\$ -	\$ -	\$ -	\$120,000.00	\$ -	<b>\$120,000.00</b>
2027 Main replace- Hwy 51: Page to Harrison (DOT)	Revenue Bonds	\$ -	\$ -	\$ -	\$575,000.00	\$ -	<b>\$575,000.00</b>
2027 Main replace- North: Division to Forrest	Utility Reserve	\$ -	\$ -	\$ -	\$150,000.00	\$ -	<b>\$150,000.00</b>
2028 Main replace- Madison: Harding to Jackson	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$292,000.00	<b>\$292,000.00</b>
2028 Main replace- McKinley: Madison to Prairie	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$169,000.00	<b>\$169,000.00</b>
2028 Main replace- Prairie: Wilson to McKinley	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$130,000.00	<b>\$130,000.00</b>
2028 Main replace- Roy: Monroe to Madison	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$100,000.00	<b>\$100,000.00</b>
2028 Main replace- Taft: Prairie to Page	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$201,000.00	<b>\$201,000.00</b>
Engineering: DOT Majors	Utility Reserve	\$40,000.00	\$ -	\$ -	\$ -	\$ -	<b>\$40,000.00</b>
Lift station: 8th (1954)	Utility Reserve	\$200,000.00	\$ -	\$ -	\$ -	\$ -	<b>\$200,000.00</b>
Lift station: Barberry (2004)	Utility Reserve	\$ -	\$ -	\$ -	\$10,000.00	\$ -	<b>\$10,000.00</b>
Lift station: Stone Crest (2002)	Utility Reserve	\$ -	\$40,000.00	\$ -	\$ -	\$ -	<b>\$40,000.00</b>
Plant: Air compressor and dryer	Utility Reserve	\$ -	\$ -	\$50,000.00	\$ -	\$ -	<b>\$50,000.00</b>
Plant: Digester waste gas burner and gas line	Utility Reserve	\$25,000.00	\$ -	\$ -	\$ -	\$ -	<b>\$25,000.00</b>
Plant: Equipment replacement (see schedule)	Utility Reserve	\$75,000.00	\$75,000.00	\$75,000.00	\$75,000.00	\$75,000.00	<b>\$375,000.00</b>
Plant: RAS pump replacement (LRSP-G)	Utility Reserve	\$ -	\$ -	\$ -	\$275,000.00	\$ -	<b>\$275,000.00</b>
Plant: Screw pump rehap- Bearing replacement: East	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$22,000.00	<b>\$22,000.00</b>
SCADA: System Upgrades	Utility Reserve	\$ -	\$ -	\$70,000.00	\$ -	\$ -	<b>\$70,000.00</b>
System: Mains & Manholes- Unscheduled replacements	Utility Reserve	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	<b>\$300,000.00</b>
<b>Projects Section Total:</b>		<b>\$1,751,128.00</b>	<b>\$774,000.00</b>	<b>\$1,833,000.00</b>	<b>\$1,549,000.00</b>	<b>\$1,056,200.00</b>	<b>\$6,963,328.00</b>
<b>Vehicles:</b>	<b>Funding:</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>Total:</b>
Fleet: Service Truck #9 (2012)	Utility Reserve	\$ -	\$ -	\$ -	\$50,000.00	\$ -	<b>\$50,000.00</b>
Fleet: Televising Truck #18 (2006)	Utility Reserve	\$ -	\$ -	\$ -	\$80,000.00	\$ -	<b>\$80,000.00</b>
<b>Vehicles Section Total:</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$130,000.00</b>	<b>\$ -</b>	<b>\$130,000.00</b>
<b>Grand Total:</b>		<b>\$1,751,128.00</b>	<b>\$774,000.00</b>	<b>\$1,833,000.00</b>	<b>\$1,679,000.00</b>	<b>\$1,056,200.00</b>	<b>\$7,093,328.00</b>

**Stoughton Utilities – Technical Operations Division**

Capital Projects Program – 2024-2028

<b>Projects:</b>	<b>Funding:</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>Total:</b>
Outage Management System (CO)	Utility Reserve	\$110,960.00	\$ -	\$ -	\$ -	\$ -	<b>\$110,960.00</b>
Physical Security: Gate Access - Admin Office (CO)	Utility Reserve	\$20,000.00	\$ -	\$ -	\$ -	\$ -	<b>\$20,000.00</b>
Physical Security: Gate Access - WWTP (CO)	Utility Reserve	\$20,000.00	\$ -	\$ -	\$ -	\$ -	<b>\$20,000.00</b>
Physical security: Video - Admin Office	Utility Reserve	\$ -	\$ -	\$15,804.00	\$ -	\$ -	<b>\$15,804.00</b>
Physical Security: Video - EL Substations (CO)	Utility Reserve	\$46,500.00	\$ -	\$ -	\$ -	\$ -	<b>\$46,500.00</b>
Physical Security: Video - WT Towers	Utility Reserve	\$ -	\$9,000.00	\$ -	\$ -	\$ -	<b>\$9,000.00</b>
Physical Security: Video - WT Wells	Utility Reserve	\$ -	\$27,500.00	\$ -	\$ -	\$ -	<b>\$27,500.00</b>
Physical Security: Video - WWTP	Utility Reserve	\$ -	\$13,400.00	\$ -	\$ -	\$ -	<b>\$13,400.00</b>
<b>Projects Section Total:</b>		<b>\$197,460.00</b>	<b>\$49,900.00</b>	<b>\$15,804.00</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$263,164.00</b>

<b>Vehicles:</b>	<b>Funding:</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>Total:</b>
Fleet: Administrative #10 (2011)	Utility Reserve	\$ -	\$ -	\$50,000.00	\$ -	\$ -	<b>\$50,000.00</b>
Fleet: Service Truck #21 (2011)	Utility Reserve	\$ -	\$ -	\$50,000.00	\$ -	\$ -	<b>\$50,000.00</b>
<b>Vehicles Section Total:</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$100,000.00</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$100,000.00</b>

<b>Grand Total:</b>		<b>\$197,460.00</b>	<b>\$49,900.00</b>	<b>\$115,804.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$363,164.00</b>
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600 South Fourth Street P.O. Box 383  
Stoughton, WI 53589-0383

*Serving Electric, Water & Wastewater Since 1886*

**Date:** September 8, 2023

**To:** Stoughton Utilities Committee

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

Kevin S. Hudson  
Stoughton Utilities Wastewater System Supervisor

**Subject:** Wastewater Treatment Facility and Sanitary Sewer Collection System 2021 Compliance Maintenance Annual Report (CMAR): DNR Response

The Wastewater treatment facility and sanitary sewer collection system Compliance Maintenance Annual Report (CMAR) is a self-evaluation tool that promotes the owner's awareness and responsibility for wastewater collection and treatment needs, measures the performance of a wastewater treatment works during a calendar year, and assesses its level of compliance with permit requirements.

At the May 15, 2023 meeting of the Stoughton Utilities Committee, Stoughton Utilities staff presented and discussed the 2022 CMAR. The committee reviewed and approved the report, and recommend approval to the Stoughton Common Council. The Stoughton Common Council approved the CMAR at its May 23, 2023 meeting. Following this approval, Stoughton Utilities staff submitted to the report to the Wisconsin Department of Natural Resources (DNR).

The DNR has issued a response to the 2022 CMAR submittal with favorable comments, and does not require any additional action to be taken this year in response to the CMAR. The DNR's response is attached.

# Compliance Maintenance Annual Report

Stoughton Wastewater Treatment Facility

Last Updated: Reporting For:  
6/27/2023 2022

## DNR Response to Resolution or Owner's Statement

Name of Governing  
Body or Owner:

Stoughton Common Council

Date of Resolution or  
Action Taken:

2023-05-23

Resolution Number:

R-86-2023

Date of Submittal:

6/27/2023

### ACTIONS SET FORTH BY THE GOVERNING BODY OR OWNER RELATING TO SPECIFIC CMAR SECTIONS (Optional for grade A or B. Required for grade C, D, or F):

Influent Flow and Loadings: Grade = D

#### Permittee Response:

We continue to monitor our plant loadings. We had an large industry that moved there operations to another facility that will significantly lower our loadings coming into the plant. We will continue to work with our consulting engineer on plant improvement projects. It's important to note that the plant effectively meets our limits each month.

#### DNR Response:

The influent hydraulic loading for 2022 was good averaging 1.104 MGD (53.6% design capacity) with a maximum of 1.232 MGD (59.8% design capacity).  
The influent organic loading for 2022 was over capacity averaging 2731.333 lbs/day (102.9% design capacity) with an over limit maximum of 4585 lbs/day (172.7% design capacity).

Effluent Quality: BOD: Grade = A

#### Permittee Response:

#### DNR Response:

The effluent BOD quality for 2022 was excellent averaging 6.833 mg/L (27.33% of the limit) with a maximum of 11 mg/L (44.00% of the limit) for the month of February.

Effluent Quality: TSS: Grade = A

#### Permittee Response:

#### DNR Response:

The effluent TSS quality for 2022 was excellent averaging 11.833 mg/L (39.44% of the limit) with a maximum of 25 mg/L (83.33% of the limit) for the month of May.

Effluent Quality: Ammonia: Grade = A

#### Permittee Response:

#### DNR Response:

The effluent ammonia quality for 2022 was excellent averaging 12.586 mg/L (28.74% of the limit) with a maximum of 23.974 mg/L (58.47% of the limit) for the month of May.

Effluent Quality: Phosphorus: Grade = B

# Compliance Maintenance Annual Report

Stoughton Wastewater Treatment Facility

Last Updated: Reporting For:  
6/27/2023 2022

**Permittee Response:**

**DNR Response:**

The effluent phosphorus quality for 2022 was good averaging 0.541 mg/L (48.99% of the limit) with a maximum of 1.101 mg/L (10.10% over the limit) for the month of May.

Biosolids Quality and Management: Grade = A

**Permittee Response:**

**DNR Response:**

Land Spreading records and reporting is all acceptable and meeting NR 204 requirements.

Staffing: Grade = A

**Permittee Response:**

**DNR Response:**

Please continue to do preventive maintenance at the wastewater treatment facility as you have in the past.

Operator Certification: Grade = A

**Permittee Response:**

**DNR Response:**

The Operator in Charge of the treatment plant is certified at the proper grades.

Financial Management: Grade = A

**Permittee Response:**

**DNR Response:**

Continue to monitor the facility's financial situation and make changes as necessary.

Collection Systems: Grade = A

(Regardless of grade, response required for Collection Systems if SSOs were reported)

**Permittee Response:**

**DNR Response:**

Please make sure an annual review and update of your CMOM occurs according to NR 210.23(5)(b) Wis. Adm. Code. During this time, the goals should be evaluated to help determine the success of the CMOM program. It is recommended that the developed goals are realistic and measurable to assist with the annual audits.

**ACTIONS SET FORTH BY THE GOVERNING BODY OR OWNER RELATING TO THE OVERALL GRADE POINT AVERAGE AND ANY GENERAL COMMENTS**

(Optional for G.P.A. greater than or equal to 3.00, required for G.P.A. less than 3.00)

**G.P.A. = 3.68**

**Permittee Response:**

**DNR G.P.A. Response:**

The department does not require any additional action be taken this year in response to the CMAR.



# Compliance Maintenance Annual Report

Stoughton Wastewater Treatment Facility

Last Updated: Reporting For:  
6/27/2023 **2022**

## DNR CMAR Overall Response:

Thank you for completing and submitting your 2022 CMAR. The CMAR is an annual self-evaluation of your wastewater treatment plant, collection system, and associated wastewater management activities. Everything looks to be in order and is operating well. There are no other requirements at this time. Nice job and thank you again.

**DNR Reviewer:** Brechlin, Ashley

**Phone:** (608) 267-7640

**Address:** 3911 Fish Hatchery Rd, Fitchburg, WI 53711-5367

**Date:** 8/29/2023



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

*Serving Electric, Water & Wastewater Since 1886*

**Date:** September 8, 2023

**To:** Stoughton Utilities Committee

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

**Subject:** WDNR 2022 Wisconsin Public Water Systems Annual Drinking Water Report

Each year, the Wisconsin Department of Natural Resources' (WDNR) Bureau of Drinking Water and Groundwater publishes its Wisconsin Public Water Systems Annual Drinking Water Report. The annual report for year 2022 is included for review and discussion.

Stoughton Utilities is mentioned on page 37 as a recipient of Safe Drinking Water Loan Program funding for drinking water projects during 2022. In its 2021 annual report, the WDNR highlighted Stoughton Utilities as a lead service line removal success story.

# Wisconsin Public Water Systems 2022 Annual Drinking Water Report



Wisconsin Department of Natural Resources  
Bureau of Drinking Water and Groundwater  
[dnr.wi.gov](http://dnr.wi.gov)



# Wisconsin Public Water Systems 2022 Annual Drinking Water Report

## Obtaining copies of Wisconsin’s report

The *2022 Annual Drinking Water Report* is available to the public. To obtain copies, contact the Bureau of Drinking Water and Groundwater DG/5, Wisconsin Department of Natural Resources, PO Box 7921, Madison WI 53707, 608-266-1054. The report is also available on DNR’s web site, [dnr.wi.gov](http://dnr.wi.gov), search “drinking water annual report.”

## Wisconsin Department of Natural Resources

Adam N. Payne, Secretary

### Environmental Management Division

Jim Zellmer, Division Administrator

### Bureau of Drinking Water and Groundwater

Steven B. Elmore, Director

### Public Water Supply Section

Adam DeWeese, Section Manager

### Public Water Engineering Section

Theera Ratarasarn, Section Manager

### Lead and Copper Section

Ann D. Hirekatur, Section Manager

Wisconsin Department of Natural Resources  
Bureau of Drinking Water and Groundwater DG/5  
PO Box 7921, Madison WI 53707-7921  
608-266-1054  
[dnr.wi.gov/topic/DrinkingWater/](http://dnr.wi.gov/topic/DrinkingWater/)

## PUB-DG-045 2023

June 2023

The Wisconsin Department of Natural Resources (DNR) is committed to promoting diversity, fairness, equity and the principles of environmental justice. We also ensure we do not discriminate in our programs, decisions, actions or delivery of services. If you have questions or to request information in an alternative format (large print, Braille, audio tape, etc.), please contact us at 888-936-7463 or <https://dnr.wisconsin.gov/About/Nondiscrimination>.

## Abbreviations

ALE	action level exceedance (lead and copper)
ARPA	American Rescue Plan Act
BIL	Bipartisan Infrastructure Law
CCR	Consumer Confidence Report
DNR	Wisconsin Department of Natural Resources
EPA	US Environmental Protection Agency
IOC	inorganic contaminant
LSL	lead service line
MC	municipal community water system
MCL	maximum contaminant level
mg/L	milligrams per liter
MPTC	Moraine Park Technical College
MR	monitoring & reporting
ng/L	nanograms per liter
NN	non-transient non-community water system
NON	Notice of Noncompliance
NOV	Notice of Violation
OC	other-than-municipal community water system
PFAS	perfluoroalkyl and polyfluoroalkyl substances
PFOA	perfluorooctanoic acid
PFOS	perfluorooctane sulfonic acid
PN	public notice
RCAP	Rural Community Assistance Program
SDWA	Safe Drinking Water Act
SDWLP	Safe Drinking Water Loan Program
SOC	synthetic organic contaminant
TN	transient non-community water system
TT	treatment technique
VOC	volatile organic contaminant
WHP	wellhead protection
WRWA	Wisconsin Rural Water Association

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## EXECUTIVE SUMMARY

The Wisconsin Department of Natural Resources (DNR) works to protect the quality and quantity of the state's water resources and is responsible for implementing and enforcing the Safe Drinking Water Act to safeguard Wisconsin's drinking water.

Strong state and federal regulations combined with the collaborative efforts and hard work of many people—including DNR, the US Environmental Protection Agency (EPA), individual owners and operators of public water systems, county health officials, professional associations, water quality organizations and water consumers—have allowed Wisconsin to manage its drinking water resources successfully.

DNR's *2022 Annual Drinking Water Report* summarizes compliance with the drinking water requirements for the year and highlights efforts that help public water systems provide a safe and adequate supply of drinking water in the state. Some of these include:

- During 2022, more than 99% of Wisconsin's public water systems provided water that met all health-based contaminant standards.
- Wisconsin established a drinking water standard for PFAS contaminants during 2022. About 1,950 of the state's public water systems are now required to test for PFAS and take corrective action if they exceed the maximum contaminant level in the Safe Drinking Water rule.
- The DNR awarded more than \$105 million in financial assistance through the Safe Drinking Water Loan Program during 2022, helping 31 communities around Wisconsin make needed infrastructure improvements to their drinking water systems.
- The DNR awarded almost \$35 million through the Private Lead Service Line Replacement Program, allowing 57 communities around the state to replace lead services last year.
- The DNR and its partners performed more than 2,600 sanitary surveys, 6,400 annual site inspections and 380 on-site assessments during 2022. Inspections measure compliance with requirements, detect changes over time and prevent future problems. Assessments help to "find and fix" possible sources of microbial contamination.
- The DNR created a \$10 million Well Compensation Grant program to help private well owners address drinking water contamination in their wells.
- In partnership with the DNR, county health departments provided monitoring and compliance assistance to small water systems in 54 counties around the state. County sanitarians performed more than 6,800 annual site inspections, sanitary surveys and on-site assessments during 2022.
- The DNR's partners provided training and technical assistance to public water system owners and operators throughout the state during 2022 and added new trainings to help utilities with financial planning and asset management.

The DNR works to protect the state's water resources and ensure that everyone in Wisconsin has access to safe and sustainable water supplies.

## INTRODUCTION

The Wisconsin Department of Natural Resources (DNR) works to ensure that everyone in the state has access to safe and sustainable water supplies and the state's water resources are protected.

Wisconsin manages its drinking water resources through effective state and federal regulations combined with strong collaborative partnerships between the DNR, the US Environmental Protection Agency (EPA), public water

systems, county health officials, professional associations, individual operators, other water quality organizations and water consumers.



This *2022 Annual Drinking Water Report* summarizes how Wisconsin's public water supply systems complied with the drinking water requirements between January 1 and December 31, 2022. This report also highlights DNR's efforts to meet the goal of providing a safe and adequate supply of drinking water to the citizens and visitors in Wisconsin. Publishing an annual report meets one of Wisconsin's responsibilities under the federal Safe Drinking Water Act (SDWA).

## WISCONSIN'S DRINKING WATER PROGRAM: THE BASICS

Requirements for public water systems come from the federal SDWA, first passed in 1974 and amended several times since then, as well as Wisconsin's state drinking water requirements. The SDWA establishes national limits for contaminants in drinking water to protect public health. These limits, known as Maximum Contaminant Levels (MCLs), are health-based standards specific to each contaminant.

The SDWA also specifies how often public water systems must test their water for contaminants and report the results to the state, the EPA and the public. Testing or "monitoring" requirements vary depending on a water system's size, the population served, and the vulnerability of the water source to contamination. In general, water systems serving residential consumers and larger populations have more extensive monitoring and reporting requirements.

Finally, the SDWA requires public water systems to notify their consumers when contaminants are detected or requirements have not been met. Consumer notification must include a clear and understandable explanation of the violation that occurred, its potential health effects, the water system's efforts to correct the problem and the availability of alternative water supplies during the violation.

Most states have obtained approval from EPA to administer their own public water supply programs. This primary enforcement authority means a state has adopted drinking water regulations that meet SDWA requirements and can enforce them. In Wisconsin, the DNR implements the drinking water program.





## Environmental justice and ensuring safe water for all in Wisconsin

Greater emphasis on environmental justice is helping raise awareness to the fact that contaminants in water and environmental pollution do not affect all communities equally. Just as historically marginalized and excluded communities experience disproportionate negative outcomes in education, housing, and access to food, clean air and water is no exception. In Wisconsin, lead poisoning rates for African American children are four times higher than for white children, according to the Wisconsin Department of Health Services. Recent studies have shown that communities of color also are more likely to be exposed to harmful levels of PFAS in their drinking water.

On Earth Day 2022, Governor Evers created the Office of Environmental Justice at Wisconsin’s Department of Administration, saying “Every Wisconsinite should have access to clean, safe drinking water, our state’s natural resources, and great places to live, learn, and work.”

What does it mean to achieve environmental justice? It means taking a holistic approach to the principles of equity and recognizing that the systemic barriers that limit certain communities from thriving in education, housing, work, health and well-being are all interrelated. Achieving environmental justice means that all people should have not just equal, but equitable access to full and meaningful participation in the decisions that affect them, so people are fully protected from adverse health and environmental effects.

The DNR is furthering these efforts here in Wisconsin. Projects during 2022 focused on enhanced public engagement and new approaches to ensuring that communities affected by DNR’s programs have a seat at the table to provide input and meaningfully participate in decision-making.

- The DNR revised the criteria for a “disadvantaged community” used for funding drinking water projects. The criteria more effectively identify communities in need and help to determine eligibility for principal forgiveness funding. The DNR made the revisions with input from community stakeholders like the Coalition on Lead Emergency.
- The Bipartisan Infrastructure Law (BIL) specifically directs funding to disadvantaged communities, especially for lead service line replacement and emerging contaminants in drinking water, including PFAS.
- The DNR’s Environmental Management Division created an environmental justice team that helped to improve the agency’s public participation resources and guidance for communication with communities who speak languages other than English.
- The DNR added an environmental justice policy advisor to its leadership team to help integrate environmental justice principles agency-wide. Collaboration will help the public water program enhance community engagement in water quality education and outreach.

All of this is a start. The DNR’s efforts continue and are expanding in the coming year.

## WISCONSIN’S PUBLIC WATER SYSTEMS

Wisconsin had 11,231 public water systems in 2022, the largest number of any state. Public water systems provide water for human consumption to at least 15 service connections or regularly serve at least 25 people for 60 days or longer per year. Wisconsin has four types of public water systems:



- Community water systems serve water to people where they live. Wisconsin has 1,040 community water systems that serve 69.5% of the state’s residential population (Figure 1). The remaining Wisconsin residents receive their water from private domestic wells.
  - **Municipal community (MC) water systems** are owned by cities, villages, towns or sanitary districts. This group also includes care and correctional facilities owned by counties or municipalities. Wisconsin has 609 municipal systems. Milwaukee Waterworks is the largest, serving almost 600,000 people. In contrast, Wisconsin’s smallest municipal water systems serve fewer than 50 people each.
  - **Other-than-municipal community (OC) water systems** serve residents in areas supplied by privately-owned wells. The state’s OC water systems include mobile home parks, apartment buildings, condominium complexes and long-term care facilities.

### Wisconsin public water systems

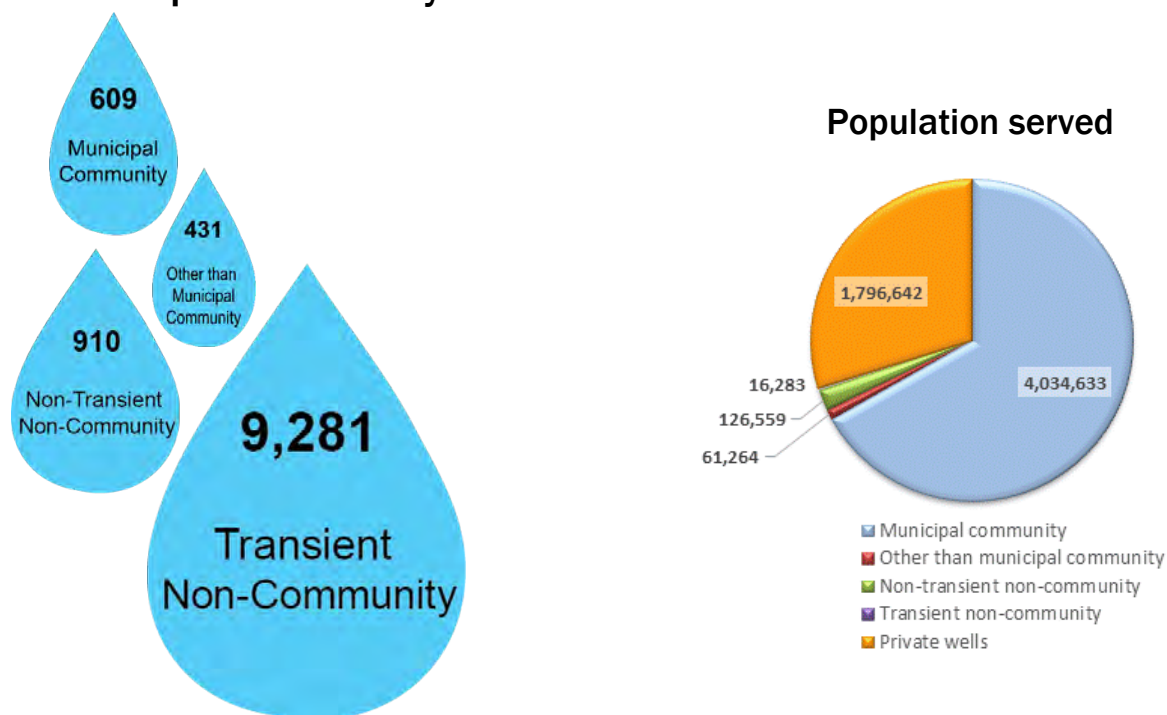


Figure 1. Wisconsin has more than 11,200 public water systems. The majority are very small transient non-community systems that serve non-residential consumers. The state’s municipal water systems serve the largest share of the population.

- Non-community water systems serve water to people where they work, attend school or gather for food or entertainment. The wells supplying these systems are privately owned. Wisconsin has 10,191 non-community systems (see Figure 1).
  - **Non-transient non-community (NN) water systems** regularly serve at least 25 of the same people for six months or more per year. They include schools, day care centers, office buildings, industrial facilities, dairies and many other businesses.
  - **Transient non-community (TN) water systems** serve at least 25 people (though not necessarily the same people) for 60 days or longer per year. They include campgrounds, parks, motels, restaurants, taverns and churches. Wisconsin has more than 9,200 transient non-community water systems.

The vast majority of Wisconsin’s public water systems rely on groundwater pumped from wells. However, 56 systems use Wisconsin lakes to provide drinking water to their consumers. These surface water systems serve some of the state’s largest communities, including Milwaukee and Green Bay. So, while more than 99% of the state’s public water systems use groundwater sources, surface water systems serve almost one-third of the state’s population (Figure 2).

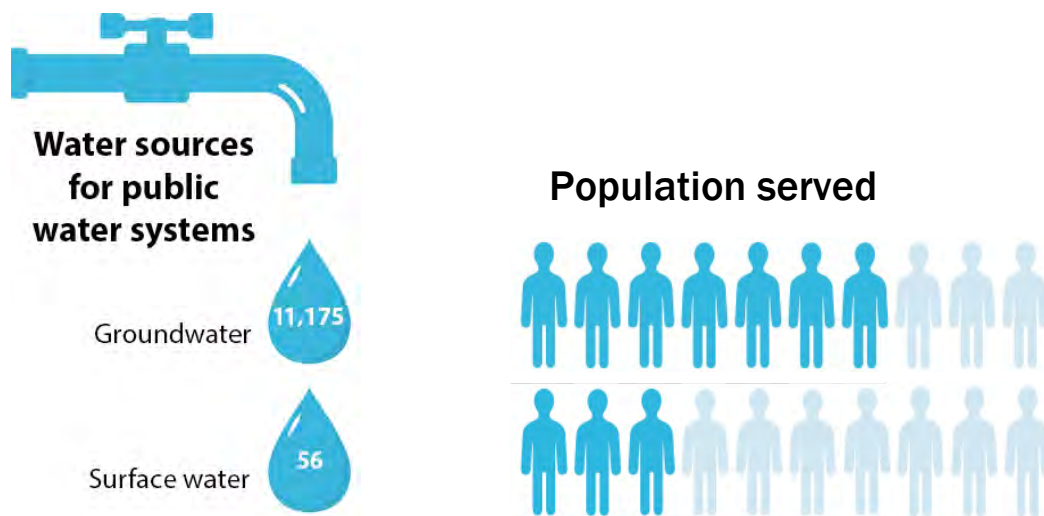


Figure 2. Most of Wisconsin’s public water systems (more than 99%) rely on groundwater pumped from wells. However, the 56 systems that use surface water from lakes include most of the state’s largest public water systems.

## MONITORING AND TESTING FOR CONTAMINANTS IN DRINKING WATER

Monitoring is critical for protecting drinking water supplies. All public water systems are required to test their water for contaminants. Monitoring involves collecting water samples, analyzing them for potential contaminants and reporting the results to DNR and consumers.

The frequency of monitoring and the number of contaminants measured depend on the type of water system and population served. The largest systems collect hundreds of water samples each month, while the smallest systems may collect only two samples per year.

Contaminants can have either acute or chronic health effects. Acute contaminants pose an immediate risk to human health—people can become ill within days or even hours of exposure. Maximum contaminant levels in drinking water are risk-based, set to prevent occurrences of acute or fatal illness. Chronic contaminants cause long-term health risks. Their maximum permissible levels are typically set so that only one in 1,000,000 people would face an increased risk of developing cancer by drinking two liters of water a day for 70 years.



All public water systems monitor for acute contaminants. The state’s smallest systems, transient non-community systems, are not required to test for chronic contaminants.



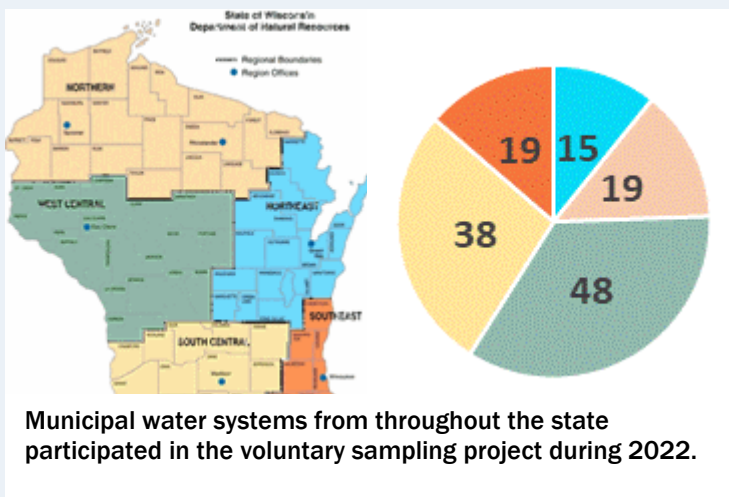
### PFAS in drinking water? DNR helps communities test and learn

During 2022, the DNR sponsored an initiative to help communities learn whether their municipal water supplies might contain PFAS contaminants (per- and polyfluoroalkyl substances). Using funding from the EPA, the DNR offered PFAS sampling to all municipal water systems statewide. Participation was voluntary and cost-free for the water systems.

The Wisconsin Department of Health Services (DHS) has recommended groundwater standards for 18 PFAS chemicals. The DHS recommended standards for PFOA (perfluorooctanoic acid) and PFOS (perfluorooctane sulfonic acid) are 20 nanograms per liter (ng/L), which is lower than the state’s MCL of 70 ng/L. Water samples were analyzed for 18 different PFAS compounds, including 12 for which DHS has recommended standards.

Many communities from across Wisconsin took advantage of the opportunity. A total of 139 municipal water systems participated in this project—almost 23% of the state’s 609 municipal systems—and they submitted samples from more than 380 wells.

Results from this project showed that PFAS compounds of some type were detected at 34% of the participating water systems. PFOA and PFOS were detected at 24% of the systems. Only 3% of the participating systems had detects above the DHS-recommended standards.



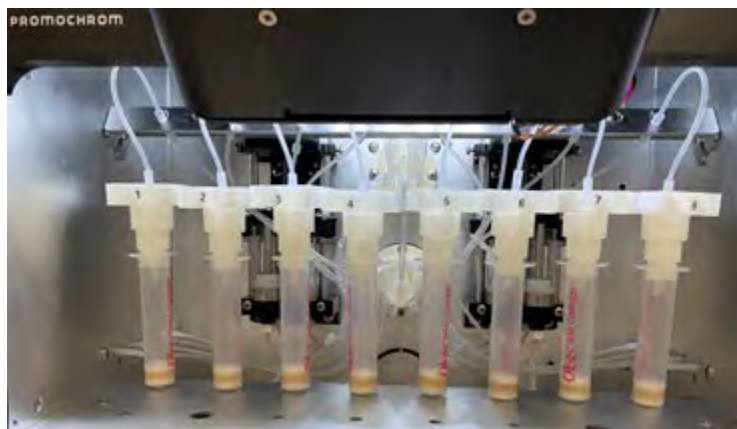
The voluntary PFAS sampling project allowed many communities to increase their knowledge and, where needed, jump-start their efforts to manage PFAS in drinking water. The project was a successful collaboration between the DNR, the DHS and the Wisconsin State Lab of Hygiene. Northern Lake Service provided additional capacity for sample analysis.

## Types of regulated contaminants

Regulated contaminants fall into several groups based on their characteristics and health effects:

- Acute contaminants
  - *Escherichia coli* (or *E. coli*) bacteria
  - Nitrate and nitrite
- Chronic contaminants
  - Inorganic chemicals (IOCs) — arsenic, copper, lead, mercury and other chemicals
  - Synthetic organic chemicals (SOCs) — herbicides, pesticides and PFAS
  - Volatile organic chemicals (VOCs) — benzene, toluene, xylene and other chemicals
  - Radionuclides — radioactive chemicals like radium and uranium
  - Disinfectants and disinfection byproducts — chlorine and byproducts like haloacetic acids and trihalomethanes

Most chemical groups contain multiple contaminants. For example, the synthetic organic contaminants comprise 31 regulated chemicals (although many more synthetic organic substances are used in commerce). Municipal water systems, which have the most comprehensive monitoring requirements, test drinking water for more than 90 regulated contaminants to protect public health. Appendix A lists all the contaminants regulated in Wisconsin and their health-based standards or MCLs.



The Wisconsin State Lab of Hygiene analyzed PFAS contaminants during the voluntary sampling project in 2022.

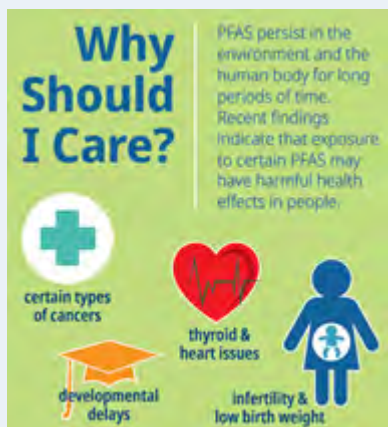


### Wisconsin establishes drinking water standard for PFAS contaminants

In August 2022, Wisconsin added two PFAS compounds to its list of regulated drinking water contaminants to protect public health. The DNR established a drinking water standard, or MCL, of 70 ng/L (parts per trillion) for PFOA and PFOS, either individually or combined. In drinking water, PFOA and PFOS are part of the synthetic organic contaminants group that also includes herbicide and pesticide chemicals.

The PFAS standard applies to all municipal, other-than-municipal and non-transient non-community public water systems in the state (1,950 systems). These water systems are now required to test their water for PFOA and PFOS on a regular schedule. Monitoring requirements are being phased in based on size of the population served, and all systems will collect their initial samples by late 2023.

Systems that exceed the MCL for PFOA and/or PFOS will be required to give public notice to all their consumers and implement corrective actions to reduce contaminant levels.



PFAS are a large group of human-made chemicals widely used in commerce, industry and consumer products since the 1950s. They have been used in stain-resistant carpet, water-resistant fabrics, non-stick coatings for cookware, fast food packaging, firefighting foam and household products. PFAS do not break down readily in the environment, so even though their use has been phased out, the chemicals persist and can get into drinking water supplies.

Exposure to high levels of PFAS chemicals has been linked to numerous health effects including increased cholesterol levels, decreased vaccine response, risk of thyroid disease, lower birth weights and reduced fertility in women. A limited number of PFAS chemicals has been studied so far, however, so we are still learning about the effects of exposure to these contaminants.



## Action levels for certain contaminants

The SDWA establishes “action levels” rather than MCL standards for two contaminants: lead and copper. Exceeding an action level does not cause a violation, but does require a water system to conduct additional monitoring and follow certain procedures to control levels of the contaminant in the drinking water supply. The action levels for lead and copper are listed in Table A-2 of Appendix A.

## Secondary standards





The SDWA sets aesthetic or “secondary” standards for additional contaminants. These substances may cause an unpleasant smell, taste, appearance, stained sinks or discolored clothes when they exceed certain levels. This group of chemicals includes iron, manganese and sulfate, among others. Public water systems may be required to perform additional monitoring or take corrective action if they exceed secondary standards. Table A-6 in Appendix A lists the secondary standards.

## Treatment for contaminants

Public water systems may treat their water to meet regulatory MCL limits. Most treatments reduce or inactivate contaminants that may be present in the water. One common treatment is disinfection, which inactivates microbial contaminants so they cannot make us sick. Disinfecting drinking water has revolutionized our lives. Diseases that used to cause many deaths, like typhoid fever, have been almost eliminated thanks to disinfection. Other treatments—like filtration, oxidation and ion exchange—remove or reduce contaminants present in the water. Corrosion control treatment involves adding compounds to adjust the chemistry of water, to prevent certain contaminants from leaching (being dissolved or extracted) into the water, like lead from lead pipes.

# COMPLIANCE WITH DRINKING WATER REQUIREMENTS

Compliance with drinking water requirements has many facets. The DNR and EPA track whether water samples are collected on time and tested for the correct contaminants, and then measure contaminant concentrations against permissible limits. They also track whether water systems correct deficiencies by established deadlines and give public notice or provide notifications on time as required. Violations can occur when deadlines are not met, water samples are not collected, or public notices are not delivered. They also occur when sample results exceed permissible limits for contaminants. Table 1 is a quick reference for the basic types of drinking water violations.

Table 1. What do drinking water violations mean?		
	Maximum contaminant level (MCL) violations	MCL violations occur when contaminants are detected at levels above what is permissible for protecting public health (i.e., the MCL standard).
	Monitoring and reporting (MR) violations	MR violations occur when water samples are not collected on time or analyzed using approved methods, or when consumers are not notified of lead and copper results from samples collected in their homes.
	Treatment technique (TT) violations	TT violations occur when water systems do not employ the required processes or treatments to reduce exposure to contaminants. They include failure to correct “significant deficiencies” or “sanitary defects” and failure to follow approved start-up procedures for seasonal operation.
	Notification violations	Notification violations occur when water systems do not provide required public notices, deliver Consumer Confidence Reports, or notify DNR when significant deficiencies are corrected.

The majority of Wisconsin’s public water systems met their regulatory requirements during 2022—88.6% of all systems. Most violations that did occur were for failing to meet monitoring, reporting and notification requirements (Figure 3). This section of the report summarizes compliance data for last year.

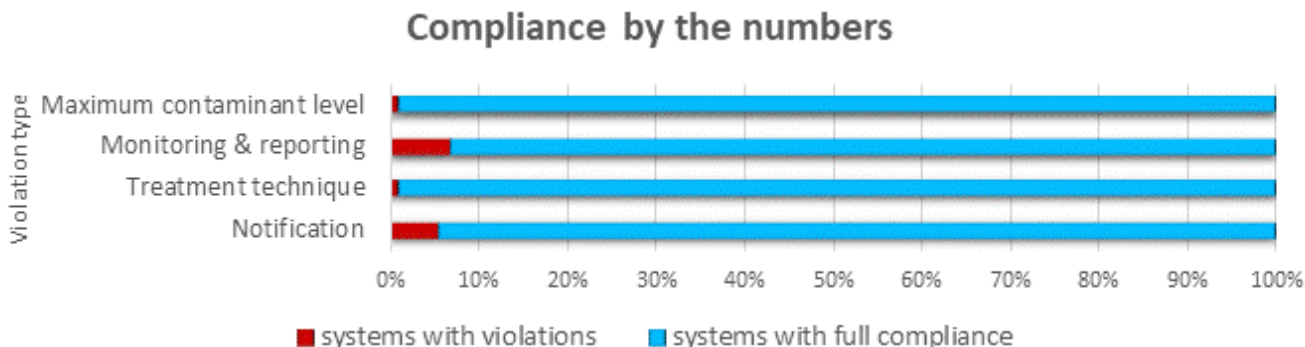


Figure 3. Water systems had the highest rates of compliance with water quality (i.e., maximum contaminant level) and treatment technique requirements during 2022. More systems got violations related to monitoring, reporting and notification requirements.

### Maximum Contaminant Level violations

Some of the most serious violations at public water systems result from contaminants in the drinking water. A violation for exceeding a maximum contaminant level does not necessarily mean that consumers experienced adverse health effects from drinking the water, but it does require a water system to notify consumers and take action to correct the problem.

During 2022, more than 99% of Wisconsin’s public water systems provided water that met all the health-based MCL standards for regulated contaminants. Only 90 systems (out of 11,231 statewide) experienced MCL exceedances. The contaminants encountered most frequently in Wisconsin were bacteria, nitrate, arsenic and radionuclides. Table B-1 in Appendix B summarizes the MCL violations during 2022.

- **Microbial contaminants**

Microbes, especially coliform bacteria, are common contaminants of drinking water supplies. Coliform bacteria occur widely in soil, plants and water; their presence in drinking water indicates a possible pathway for contamination. *Escherichia coli* (or *E. coli*) is a species of bacteria that indicates contamination from human or animal wastes in drinking water.

*E. coli* is an acute contaminant because people can become ill after a single exposure to the viruses that may be present when *E. coli* is detected. Exposure can cause short-term health effects like diarrhea, nausea, cramps and headaches but may have more serious effects on vulnerable populations, including infants, young children and people with compromised immune systems.



All of Wisconsin's public water systems are required to monitor for coliform bacteria. When these bacteria are detected in a drinking water sample (called a total coliform-positive result), additional actions are required to "find" sources of contamination and "fix" the issues allowing contaminants to enter the water system.

First, follow-up samples are collected to confirm the presence of coliform bacteria and specifically verify whether *E. coli* are detected. When bacterial contamination is confirmed, trained inspectors from the DNR and county health departments throughout the state perform on-site assessments. The inspections follow the "find and fix" approach to ensure that bacteria do not persist in the drinking water and provide a valuable service to public water system owners and consumers. Staff performed more than 380 assessments during 2022.

Often, inspectors discover simple corrections that will eliminate pathways for contamination and help water systems get back on track. Problems like cracked electrical conduits at a wellhead or unnoticed cross connections to non-potable water sources often can be corrected quickly and inexpensively. Shock-chlorinating wells that have biofilms growing in them is another common corrective strategy.

The MCL for microbial contaminants is exceeded when *E. coli* is confirmed in a water supply (Table A-1 in Appendix A has more details about the MCL). During 2022, Wisconsin had 26 public water systems (only 0.23%) with MCL violations for *E. coli*. Follow-up work at these systems has included identifying the sources of contamination, correcting defects and, in some cases, switching to a new water source.

- **Nitrate and nitrite**

Nitrate is the most widespread inorganic chemical that occurs as a contaminant of drinking water here in Wisconsin. Because it is water-soluble and leaches readily through soil, nitrate can move easily into the groundwater. Sources of nitrate and nitrite include agricultural fertilizers and animal wastes, according to the Wisconsin Groundwater Coordinating Council.





Nitrate and nitrite are acute contaminants because they can cause serious illness in infants younger than six months old. The condition, called methemoglobinemia or "blue baby syndrome," causes infants' blood to be deprived of oxygen and can be fatal in extreme cases. There is also evidence of a link between exposure during early pregnancy and certain birth defects. Consuming water with high nitrate levels has been linked to chronic diseases in adults also, including increased cancer risk, because nitrate gets converted within the human body to compounds that are known carcinogens.

All of Wisconsin's 11,231 public water systems are required to monitor for nitrate and nitrite in drinking water. During 2022, violations for exceeding the nitrate MCL occurred at 31 public water systems (0.28% of all systems). Water systems throughout Wisconsin can be affected by nitrate, although most MCL violations occur in the northeast, south central and western parts of the state.

Federal and state regulations offer some flexibility for very small water systems that exceed the nitrate standard. The provision allows transient non-community systems to continue operating with water that has nitrate above the MCL of 10 milligrams per liter (mg/L) but below 20 mg/L, providing certain conditions are met. Water systems must notify the public about the nitrate contamination,

ensure that the water will not be consumed by infants or women of childbearing age, and provide an alternate water source.

Wisconsin had 229 transient non-community water systems using this “continuing operation” provision during part or all of 2022 (Table 2). Some have operated with high nitrate for more than 25 years. The overall number of water systems decreased slightly by the end of 2022, though almost 200 water systems are still affected. Nitrate contamination is a continuing challenge for water systems in Wisconsin.

 <b>203</b>	More than 200 TN water systems were operating with nitrate levels above the MCL before 2022.
 <b>26</b>	Another 26 systems exceeded the nitrate MCL and started on continuing operation during 2022.
 <b>30</b>	30 TN systems stopped using continuing operation during 2022, either because they returned to compliance or because nitrate levels increased, requiring corrective action.
 <b>199</b>	At the end of 2022, a net 199 TN systems were operating with nitrate above the MCL.



- **Arsenic**

Arsenic occurs naturally in some rock formations in Wisconsin and also is found in drinking water supplies here. Arsenic has no taste or odor, so the only way to detect it in drinking water is by testing. Health effects come from long-term exposure and include increased risk of skin cancer; arsenic has also been linked to cancers of the lungs, bladder, liver, kidney and colon. Exposure to arsenic can cause skin damage, circulatory system problems, and nervous system effects (like tremors). Arsenic exposure during pregnancy and early childhood may also affect learning, IQ scores and risk of certain cancers later in life.

Community and non-transient non-community water systems are required to monitor for the presence of arsenic (1,950 of Wisconsin’s water systems). During 2022, there were 12 systems (0.62%) with violations for exceeding the arsenic standard (0.01 mg/L), slightly fewer than the year before. These water systems are located throughout most of Wisconsin except the far western parts of the state.

- **Radionuclides**

Radium and uranium occur naturally in rock formations in Wisconsin and are detected as contaminants of some drinking water supplies here. Health risks come from long-term exposure. Exposure over a lifetime could result in an elevated risk for cancer and kidney toxicity. All community water systems (serving residential consumers) are required to monitor for radionuclides. Of the 1,040 community water systems in Wisconsin, 14 (or 1.35%) had violations for exceeding the MCL standards for radium and/or alpha particle emitters during 2022. These systems are located in southern, western and northeastern Wisconsin.



- **Lead and copper**

Lead and copper typically do not occur naturally in source water. Instead, through the process of corrosion, they can leach into the water as it flows through piping and fixtures containing these elements. Water system dynamics such as water use, water temperature and physical and hydraulic disturbances can also contribute to lead and copper in drinking water. Lead pipe, brass, chrome plated brass, copper plumbing and lead-based solder are



all potential sources. Lead can have serious health effects because it interferes with the red blood cells that carry oxygen in our bodies. It primarily affects brain development in infants and children but can affect adults also. Copper is an essential nutrient, but long-term exposure to high levels can cause kidney and liver damage.

All community and non-transient non-community water systems are required to monitor for lead and copper. When an action level is exceeded, systems conduct additional sampling to determine how overall water quality may be contributing to lead and copper levels. In addition, systems must provide special information to their consumers about health effects and steps people can take to reduce exposure. Finally, systems with action level exceedances also need to recommend and implement corrosion control to reduce concentrations of lead and copper in their drinking water.

During 2022, more Wisconsin water systems exceeded the action levels for both lead and copper. Last year, 24 public water systems exceeded the lead action level, and 17 exceeded the action level for copper (Table 3). The increase happened because a large group of non-transient non-community water systems was required to monitor during 2022.

contaminant	number of water systems			
	MC	OC	NN	total
copper	0	0	17	17
lead	2	2	20	24

DNR works with public water systems that have violations for MCL exceedances to help them correct problems and return to compliance as soon as possible. Corrective actions can include disinfection, reconstructing an existing well, drilling a new well to obtain an alternate water source or installing a treatment system. Microbes, nitrate, arsenic and radionuclides are all priorities for DNR because of the common occurrence of these contaminants in Wisconsin.



### Get the lead out? It takes a village

Altogether in 2022, 57 Wisconsin communities received funding through DNR’s Private Lead Service Line Replacement Program for removing and replacing lead service lines. This important funding helped both large and small communities alike. (See the “Financial assistance” section of this report for more information about funding awarded in 2022.)



The village of New Glarus, in southwestern Wisconsin, received \$165,500 from the DNR’s Private Lead Service Line Replacement Program. The entire project spanned two years, removing five private-side LSLs in 2022 and an additional 16 early in 2023, for a total of 21.

New Glarus is exceeding its goal. One thoughtful property owner declined the award and paid for the LSL replacement at her home herself. She wanted her share of the award to go to someone else or be put toward remaining work that needed to get done. The work at this homeowner’s property will raise the final total to 22 LSLs replaced when the project is finished in 2023.

New Glarus is small, with a population of 2,172, but they still take water quality seriously. Almost a decade ago, New Glarus exceeded the lead action level. This exceedance only happened once. Jason Borth of New Glarus Waterworks explained that the high results came from an older house that had been unoccupied for months and faulty sampling methods in another location.



Basement in New Glarus after completing LSL replacement.

However, New Glarus wanted to be proactive and replace its lead service lines because they knew what other communities had experienced with outdated infrastructure. Several years ago, the village replaced its publicly-owned LSLs but, at the time, encountered resistance to replacing the private portions. Property owners were concerned about the costs they would incur as well as potential effects on their landscaping.

While New Glarus residents wanted drinking water free of lead, they also had questions about the project. Residents wondered about costs of replacing LSLs and the “unknowns.” To respond to concerns, New Glarus Waterworks sent out information packets in 2022 with details about what to expect as well as the likely outcomes. In addition to safer water, property owners could also look forward to increased water flow and pressure. Also, residents recognized that their property values might increase because of the updated infrastructure.

Borth says that “Getting the funding was HUGE! The residents needed a lot of reassurance that they would not receive a bill for the work.” These projects can be challenging for small communities: sometimes budgeting has to be done before getting solid cost estimates. New Glarus also experienced vacancies in key city positions that normally help guide and oversee these projects, another challenge for which it was difficult to plan.

The village received a lot of valuable technical assistance from Nick Bubolz of Town and Country Engineering and funding guidance from the DNR’s Kate Leja-Brennan. Five Star Energy Services did the construction work. They used directional drilling to minimize disruption, so there was no need to dig open trenches. Borth exclaims, “We could not have done it without their incredible help – getting everything pulled together.”

Like New Glarus, communities throughout the state are applying and obtaining funding to “get the lead out!”



New Glarus used directional drilling to replace LSLs without disturbing homeowners’ yards.

## Monitoring and reporting violations

To measure contaminant levels, public water systems are required to monitor and test their water during specific time periods. Monitoring and reporting violations occur more frequently than MCL violations and, among all the violations summarized in this report, were the most numerous. During 2022, there were 1,186 MR violations at 749 of the state’s 11,231 public water systems (6.7%). Most often, these violations resulted from failure to collect required samples, samples collected late, and failure to notify consumers of lead and copper results. MR violation numbers were slightly lower in 2022 compared with the previous year. Table B-2 in Appendix B summarizes the MR violations that occurred during the year.

## Treatment technique violations

Some parts of the SDWA establish “treatment technique” requirements instead of MCL standards for controlling levels of contaminants in water. Treatment techniques are actions or procedures that public water systems must follow to control or reduce levels of some contaminants. Treatment technique requirements have been established for controlling viruses, some bacteria, lead and copper.



Treatment technique (TT) violations occur when water systems fail to follow required procedures or complete required actions. TT violations signal the potential for health risks, since consumers cannot be certain whether their drinking water was adequately treated or protected to reduce exposure to contaminants.

Among Wisconsin's 11,231 public water systems, 113 systems had treatment technique violations during 2022, meaning that 99.2% of the

state's systems met these health-based requirements. Wisconsin's water systems have maintained a high rate of compliance with treatment technique requirements for several years running. Most TT violations resulted from not meeting deadlines for correcting defects or deficiencies identified during inspections. Some systems failed to submit information and studies required after action level exceedances. Table B-3 in Appendix B summarizes the treatment technique violations during 2022.

## Notification and reporting violations

Communicating with consumers about their drinking water is an important part of water system operation. Water systems are required to notify consumers and the DNR about multiple issues, including water quality, violations, operational problems and emergencies. Violations can occur if systems fail to provide required notifications. Table B-4 in Appendix B summarizes all the notification violations that occurred during 2022.

- **Public notice violations**

To protect public health, water systems are required to notify consumers about violations or situations posing risks to human health. Exceeding a contaminant MCL, failing to monitor drinking water supplies and failing to properly treat the water are all violations that require public notification.

Public notices must inform consumers about the nature of violations, potential health effects, corrective actions that the water system is undertaking and any preventive measures that consumers should take. If a water system fails to notify consumers as required, public notice (PN) violations can occur.

Public notice violations were some of the most common drinking water violations during 2022. They occurred at 559 of Wisconsin's public water systems last year (5% of all systems). This continues an improving trend over the past several years. Most PN violations stemmed from public notices required due to monitoring violations for microbial contaminants and nitrate (missed or late samples).

- **Consumer Confidence Report violations**

All community water systems (those serving residential consumers) are required to prepare and deliver a water quality report each year. This is called the Consumer Confidence Report (or CCR),

and it provides information about the sources of a system’s water, levels of any contaminants detected in the water, and violations incurred by the water system during the previous year. CCR violations occur whenever water systems fail to deliver this annual report to their consumers. Of Wisconsin’s 1,040 community water systems, only 31 (or 3%) got violations in 2022 for not delivering CCRs on time.

- **Notification violations**

Correcting significant deficiencies at public water systems protects public health. When significant deficiencies are identified during inspections, water systems are required to correct them by specified deadlines and then notify the DNR when the corrective actions are completed. These requirements apply to all of Wisconsin’s public water systems, and failure to notify the DNR can cause a violation. During 2022, only 13 water systems (or 2.1%) incurred violations for failing to provide these notifications.

### Overall compliance with drinking water requirements

Most of Wisconsin’s public water systems met all their regulatory requirements in 2022 (88.6% overall), a slight improvement over the previous year. Compliance rates for the four types of public water systems are shown in Figure 4 and Appendix B, Table B-5.

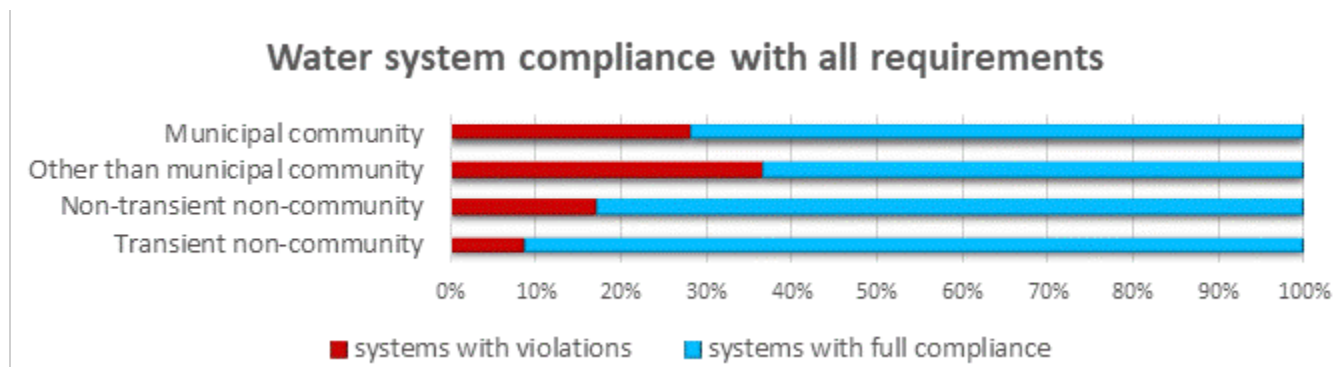


Figure 4. Compliance with all drinking water requirements varied from a high of 91% for transient non-community water systems to 64% for other-than-municipal community systems. Community water systems have more numerous and frequent requirements than non-community systems.

## DNR EFFORTS TO PROTECT WISCONSIN’S DRINKING WATER

DNR strives to achieve its mission to ensure the safety and availability of Wisconsin's drinking water supplies and protect the health of the state's water resources. To meet its responsibilities for implementing the SDWA, the DNR works in multiple ways to help Wisconsin’s public water systems provide safe drinking water.

### Drinking water program funding & staff

Wisconsin’s public water supply program receives funding from federal and state government sources (Figure 5). Despite having the largest number of public water systems nationwide, Wisconsin has fewer staff working to implement the SDWA than many other states do.



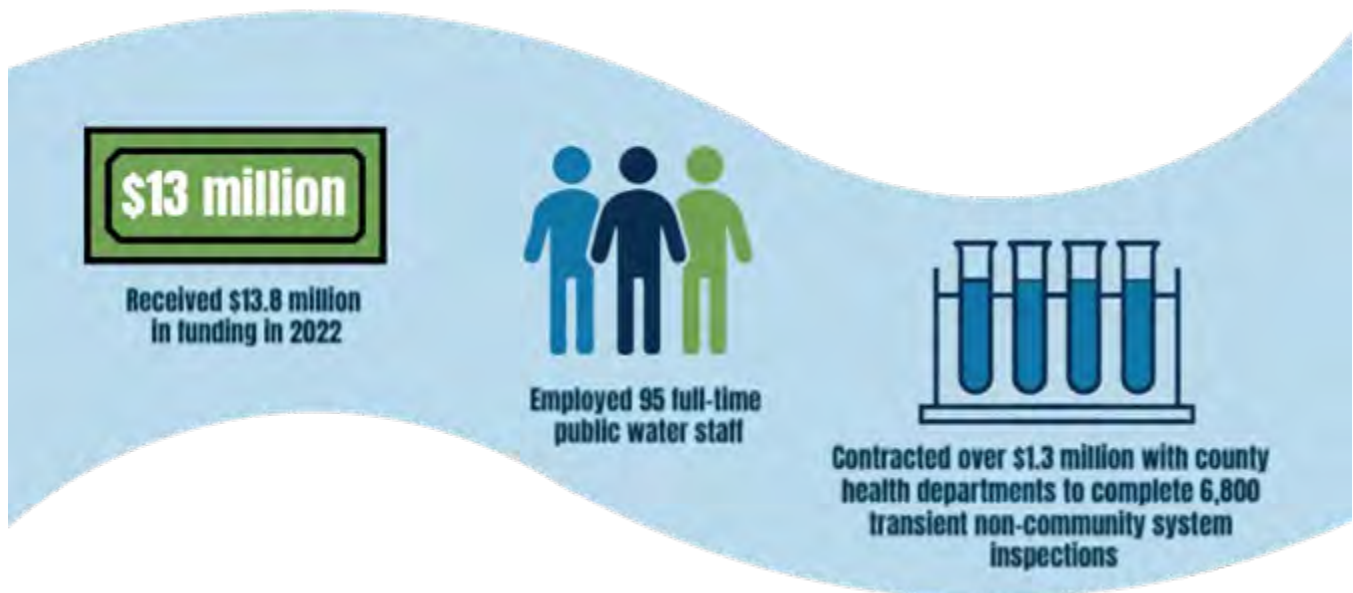


Figure 5. Funding for DNR’s public water supply program comes from both federal and state sources. During 2022, the program had 95 full-time staff.

The federal Bipartisan Infrastructure Law (BIL), passed in late 2021, is a once-in-a-lifetime investment in the nation’s drinking water infrastructure. The BIL allocates more than \$35 billion toward safe drinking water nationwide over five years. For 2022, Wisconsin’s share of the funding is more than \$91 million:

- almost \$30.7 million for the Safe Drinking Water Loan Program and implementation of the SDWA
- \$48.3 million for lead service line replacement
- almost \$12.9 million to address emerging contaminants, including PFAS

To provide adequate support for this monumental federal investment for drinking water infrastructure, DNR’s Community Financial Assistance and drinking water programs have temporarily increased the number of staff to do loan management, engineering plan review, technical assistance, outreach and budgeting.

The program made more changes during 2022 to meet new challenges. A new Lead and Copper Section was created. Its creation was prompted by new requirements for controlling lead and copper in drinking water. Water systems have a 2024 deadline to meet the initial lead service line inventory requirements. Systems also need to prepare for more rule changes that the EPA will add in the near future. At the same time, systems have new funding opportunities through the BIL. Lead and Copper Section staff assist public water systems with understanding and meeting the drinking water requirements and also help water systems take advantage of federal infrastructure funding available specifically to address these issues.

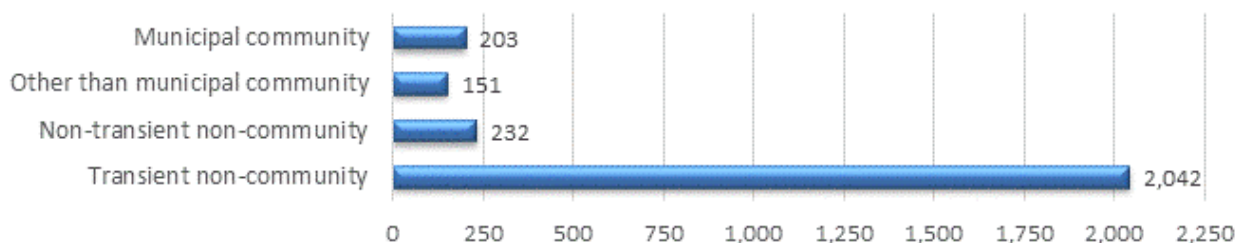
### Inspections & assessments

Inspecting public water systems is one of DNR’s fundamental responsibilities and an essential tool. Inspections measure compliance with requirements and track changes over time. They also can prevent future problems, since defects can be identified before violations or health risks occur. Compliance

inspections, called “sanitary surveys,” are comprehensive reviews of the water sources, pumps and piping, treatment facilities and operation and maintenance practices at public water systems.

Sanitary surveys are performed regularly, every three years at community water systems and every five years at non-community systems. Last year, the DNR and its contracted partners conducted 2,628 sanitary surveys throughout Wisconsin (Figure 6).

**Sanitary surveys performed during 2022**



**Figure 6. DNR and its partners completed 2,628 sanitary surveys in 2022.**

In addition to regularly-scheduled sanitary surveys, the DNR performs triggered inspections at some water systems. When coliform bacteria are confirmed at a public water system, the DNR responds by conducting an on-site assessment of the facility. The assessment aims to identify potential pathways for microbial contamination and the corrective actions needed to remedy any sanitary defects. During 2022, the DNR and its contracted partners performed 381 of these assessments.

In Wisconsin, some transient non-community systems can qualify for less frequent monitoring of microbial contaminants if they receive an annual site visit each year and correct all sanitary defects identified. During an annual site visit, the inspector checks the basic elements of the water system—wells, pumps, water storage—and looks for any changes or problems. If sanitary defects are identified, the system owner is notified about corrective actions needed. The DNR and its contracted partners performed 6,414 annual site visits during 2022 to help water systems meet their requirements and qualify for reduced monitoring schedules.

### Monitoring assistance

Compliance with monitoring requirements is essential to protecting drinking water quality in Wisconsin. Water systems collect and analyze samples throughout the year to measure the quality of drinking water, and the DNR provides monitoring assistance to all operating systems in the state.

The DNR provides monitoring assistance to public water systems to meet both state and federal drinking water requirements. Drinking water monitoring requirements are in accordance with EPA’s Safe Drinking Water Act, in addition to other state regulations.

Last year was especially busy because new monitoring requirements took effect. The DNR set drinking water standards (MCLs) for two PFAS chemicals and, as a result, created PFAS monitoring requirements. All public water systems (except for transient non-community systems) are required to monitor for PFAS contaminants. Some water systems began monitoring in the fourth quarter of 2022, and the remainder will do their initial monitoring during 2023.

In 2022, the DNR also conducted a voluntary PFAS monitoring program for municipal water systems. The program was created to better understand the potential statewide impact of PFAS contaminants in drinking water. The DNR funded all analytical costs with assistance from the EPA. This voluntary PFAS monitoring program was successful, with 140 municipal water systems participating and measuring PFAS levels at more than 380 entry points (wells) around the state.

Monitoring assistance for water systems has multiple facets. The DNR sends monitoring schedules twice yearly to community and non-transient non-community water systems to help ensure that sampling requirements are met. Preliminary schedules are sent four months before the start of a calendar year (which is helpful for logistic and economic planning purposes), and final schedules are delivered at the start of each year.

Public water systems also receive all of their laboratory submission forms from the DNR. The forms are used to document sample collection procedures, sample data, shipping and holding times, and sample condition upon receipt by the laboratory. This ensures that water systems have the documentation necessary to comply with their monitoring requirements. The laboratory submission forms include information to notify laboratories about the contaminant(s) being monitored, the monitoring period, sample site location, sample instructions, sample collector and DNR representative.

Dept. of Natural Resources Bureau of Drinking Water P.O. Box 7921 Madison WI 53707		<b>BACTERIOLOGICAL ANALYSIS</b> (ENCLOSE FORM WHEN SENDING SAMPLE TO LAB)		Public Water Supply Form Number: 3744 Revision: 20230517 Generated: 6/8/2023
Section I: System Information (to be completed by Department of Natural Resources/SAMPLER)				
System Name:		Region:		PWS ID:
DNR Contact:		System Type: <input type="checkbox"/> DMC <input type="checkbox"/> C/NN <input type="checkbox"/> DOC <input type="checkbox"/> CTN		
System Address:		City:		County:
Entry Point ID:		WI Unique Well No:	Note:	
Sampler Contact Info: (Notify DNR Contact of Corrections)		Sampler: (Leave Blank If You Don't Use These Services) Provide information to have results faxed or emailed or to change a billing address, if your lab offers these services Fax Number: Email: Billing Address:		
Sample Source: (Location) W - Well Source E - Entry Point D - Distribution System		Sample Type: (Check Only One) D - Routine Distribution C* - Check: Same location as Positive "D" Sample R* - Repeat: Within 5 connects of Positive "D" Sample A - Additional Routine (month following positive "D") *IF THE SAMPLE TYPE IS "C" or "R": "D" or "A" Positive Sample Date: / /		
		N - New Construction I - Investigation W - (Raw) Water		
Special Instructions: Collect Sample between: _____ and _____		SAMPLES MUST BE ANALYZED WITHIN 30 HOURS OF COLLECTION. SEE SAMPLING INSTRUCTIONS ON BACK.		

DNR provides updated monitoring site location plans to all community and non-transient non-community systems annually. These plans ensure that systems have current information about their approved monitoring site locations. Monitoring at approved locations is necessary for proper and consistent assessment of drinking water quality.

DNR also distributes supplemental information annually to water systems that monitor for lead and copper. The information includes laboratory submission forms, instructions for sample collection, explanations of compliance determinations, forms for notifying consumers of sample results and certification forms for submitting information to DNR. This helps ensure that water systems collect lead and copper samples properly, understand compliance determinations and inform residents of analytical results when samples are collected from their homes.

Community and non-transient non-community water systems are eligible for monitoring waivers, or reduced monitoring frequencies, based on assessments of potential contaminant sources and well vulnerability. During the vulnerability evaluation, DNR reviews previous water quality results, groundwater proximity to potential contaminant sources, local geology and well construction.

Assessments for monitoring waivers are conducted and reviewed on a three-year cycle, and each year the DNR distributes monitoring assessment information to the systems eligible for waivers. The evaluations are used to determine the proper monitoring frequency for all regulated contaminants. This

monitoring assessment process enables systems to reduce monitoring costs by approximately \$3 million annually statewide.

## Assisting private well owners

Some DNR staff specialize in assisting individual well owners, since almost one-third of the state’s population obtains their drinking water from private wells. Staff inspect new non-community wells during construction and pump installation whenever possible. Inspecting wells under construction can identify issues and allow them to be corrected before a well is placed into service. Inspections also ensure compliance with regulatory standards and protect the drinking water resource.

In October of 2022, the DNR established a grant program to help private well owners address drinking water contamination that exceeds MCLs. The DNR is utilizing \$10,000,000 in America Rescue Plan Act (ARPA) funding for this grant program. The program pays the cost to either drill a new well or install treatment on a contaminated well, and it also pays for filling and sealing contaminated or unused wells.



### Well compensation grants help spell success for water system owners

Many of Wisconsin’s public water systems are businesses that get their water from privately-owned wells. This is true for most of the non-transient and transient non-community water systems statewide (almost 10,200 water systems). Contaminants in the drinking water present a daunting challenge at these very small systems.

In 2022, Governor Evers with the DNR made \$10 million available through the Well Compensation and Well Abandonment Grant Programs specifically for financial assistance to private well owners. The grants support replacing, reconstructing, abandoning or installing treatment for contaminated private wells. Applications opened in October 2022 and will remain open until December 2024 or until the funds are awarded, whichever occurs sooner.

Some water system owners, who were already dealing with exceedances of contaminant MCLs, acted right away. Here are the stories of two who used the grants to help resolve their contaminant issues.

**Mother Goose Family Daycare Center** in Clintonville opened its doors in September 2020 with a newly-constructed well. Within the first year after sampling and testing began, arsenic was discovered in the water supply at levels just above the MCL.

The owner started working on a plan of action and, after consulting with three different well drillers in the area, got the discouraging news that constructing a new well or reconstructing the existing well would be unlikely to solve the arsenic problem. (Some parts of Wisconsin have naturally-occurring arsenic in the bedrock.) The center is located in a rural area, so there also was no option for connecting to a nearby water system. The only remaining approach was to install treatment for arsenic removal.

The center’s owner struggled with how to afford the cost of treatment. She was afraid the financial burden could cause the center to close. Mother Goose was relatively new but already had a year-long waiting list of families needing child care. The need for a licensed childcare center in the Clintonville community was substantial. Many families were traveling to outside communities to find care, while others simply could not work outside the home.





Staff from DNR’s drinking water program informed her about the new grant opportunity. She promptly applied and was awarded a grant to cover the cost of the treatment system. In the owner’s words: “With this grant the center can not only provide the safest water to the most delicate population in this community, but the center is able to remain open, providing care to 45 children in the Clintonville community.”



**Lauer Farms** grows potatoes, corn and pickles in Waushara County. For many years, the Lauers have provided migrant housing for their workers, and in 2022, they built a new, expanded facility that can house more than 100 migrant workers.

Unfortunately, testing during 2022 revealed high levels of nitrate in the drinking water. At the same time, *E. coli* bacteria were also detected in the water supply.

The interim solution -- hauling in bottled water -- was both cumbersome and very expensive, but the Lauers wanted to care for their workers while making a corrective action plan.

The Lauers heard about the Well Compensation Grant Program from their DNR staff specialist, who provided lots of hands-on help with submitting the application. They applied and were awarded a grant to cover part of the cost of drilling a replacement well. Initial samples from the new well are both low in nitrate and free of coliform bacteria.

Both water system owners found DNR staff, both in the drinking water and groundwater program and the grants program, to be very helpful. Both had their applications processed right away and learned in short order that they would receive grants.

## Enforcing drinking water regulations

Whenever water systems are not meeting the drinking water requirements, the DNR works to resolve issues quickly to protect public health. The DNR follows a “stepped” enforcement process to help water systems return to compliance, using a series of actions designed to resolve violations at the lowest level—of formality and severity—that is appropriate.

Many violations are resolved quickly. The DNR initially responds to most violations by sending a written Notice of Noncompliance (NON) to public water systems. Most often, action is taken immediately to return to compliance.

When health-based violations occur—either because contaminants exceed the MCL standards or because deficiencies and defects are not corrected as required—the enforcement process is formalized to resolve problems. Subsequent enforcement steps include a Notice of Violation and enforcement conference, which may be followed by written consent orders, administrative orders or penalty orders.

Whenever possible, DNR’s enforcement emphasizes voluntary agreements to take corrective action and establish a timeline for returning to compliance. On rare occasions when the DNR cannot resolve violations by collaborating with a water system, a case may be referred to the Wisconsin Department of Justice or the EPA for further enforcement.

Table 4 summarizes DNR’s enforcement activity during 2022. Last year, the DNR sent 1,656 Notice of Noncompliance letters but only 34 Notices of Violation. This illustrates that most water systems acted promptly after being notified of violations, and additional enforcement was not needed.

<b>Table 4. Drinking water enforcement during 2022</b>		
<b>enforcement action</b>	<b>purpose</b>	<b>number</b>
Notice of Noncompliance (NON) sent	NON informs public water system owner about failure to collect samples, report results, or distribute required information or notices and actions needed for returning to compliance	1,656
Notice of Violation (NOV) sent	NOV notifies water system owner about a violation and schedules a meeting with DNR staff for more detailed discussion.	34
Enforcement conference held	Enforcement conferences are held to discuss the enforcement process, possible corrective actions and a timeline for returning to compliance.	18
Consent order signed or administrative order issued	Consent or administrative order describes corrective actions and establishes a timeline and deadline for returning to compliance. Orders are usually used when returning to compliance will take longer than six months. Some administrative orders can include forfeitures (penalties).	17
Judgment by WI Department of Justice or court	Judgment is a formal agreement, filed in court, describing the actions required for a water system to return to compliance. Judgments are issued in cases that have been referred to WI DOJ for enforcement.	3
Case concluded by WI Department of Justice	A case that was referred to the WI DOJ is resolved, and the case is closed.	1

### Protecting water sources

Preventing contamination is one of the best ways to safeguard drinking water supplies. Wellhead protection (WHP) is a preventive program designed to protect public water supply sources and reduce infrastructure costs, treatment costs and public health risk. It represents a “first line of defense” approach to protecting our drinking water.

Wellhead protection helps to prevent contaminants from entering public water supplies by managing the land use that contributes water to wells. Wisconsin’s wellhead protection program incorporates both regulatory and voluntary approaches, and DNR encourages the development and implementation of wellhead protection plans for all public water systems to protect wells from potential contamination. During 2022, DNR approved 16 new wellhead protection plans covering 45 individual wells. This represents a substantial increase over recent years.

For communities with approved plans, source water protection also involves wellhead protection ordinances. DNR provides examples of ordinances and also encourages adoption of county-wide ordinances and wellhead protection zoning districts, which can limit potential contamination sources within a wellhead protection area. At the end of 2022, 48.5% of the municipal water systems that rely on groundwater had achieved this level of wellhead protection. This also represents an improvement over the previous year.

DNR uses partnerships and collaboration to provide strategic and technical assistance to communities to enhance their wellhead protection efforts. Using DNR funding, the Wisconsin Rural Water Association (WRWA) assists communities with development of their plans.

DNR also worked with technical partners to use groundwater flow modeling in new ways that will assist communities in source water protection efforts and develop new source water assessment and decision support tools that will help implement pollutant reductions in critical areas contributing recharge to wells. Some of DNR’s source water protection efforts include:

- Establishing well construction standards, well filling and sealing standards, and requirements that prevent cross-aquifer contamination.
- Utilizing extensive groundwater quality and well construction databases to analyze conditions statewide and create tools, such as aquifer nitrate penetration graphs, to help well owners obtain safe water.
- Funding research to address priority water resource concerns.
- Reviewing and permitting new high capacity wells, including siting and impacts to water quantity and quality.
- Providing hydrogeologic analyses to assist with siting, permitting, and design of Concentrated Animal Feeding Operations.
- Mapping watersheds for nutrient impact areas of concern, to be incorporated into pollution reduction strategies.
- Implementing the Nitrate Demonstration Initiative to help specific communities in Wisconsin implement source water intervention strategies to stem rising contaminant levels.
- Using demonstration projects to develop transferable methods for reducing agricultural nutrient impacts in source water protection areas.
- Developing the Nitrogen Decision Support Tools to meet technical needs for estimating agricultural nitrate leaching and transport to public wells.



## Maintaining strong partnerships

In Wisconsin, working toward the goal of safe drinking water is a cooperative effort involving public water systems, professional associations, individual operators, the DNR, local agencies, the EPA, water consumers and many others. As part of this effort, the DNR contracts with numerous organizations to provide technical assistance, training and compliance support to the state’s water system owners and operators.

- ***Compliance support***

DNR’s partnerships with county health departments are crucial to helping transient non-community water systems across the state. Wisconsin has 9,281 of these small systems—which include small

businesses, churches, restaurants, campgrounds and parks—more than any other state. The systems are tested annually for coliform bacteria and nitrate.

Overseeing so many facilities is a big job and, since the mid-1990s, the DNR has contracted with county health departments for water quality monitoring and inspections of TN systems. The program started with eight county health departments and now covers 54 counties and about 75% of the transient non-community water systems statewide (Figure 7).

County environmental health sanitarians inspect these water systems, and they also perform all routine and triggered monitoring. When contaminants are detected, the inspectors provide technical support and assist the water systems with finding sources of problems and identifying corrective actions to fix them.

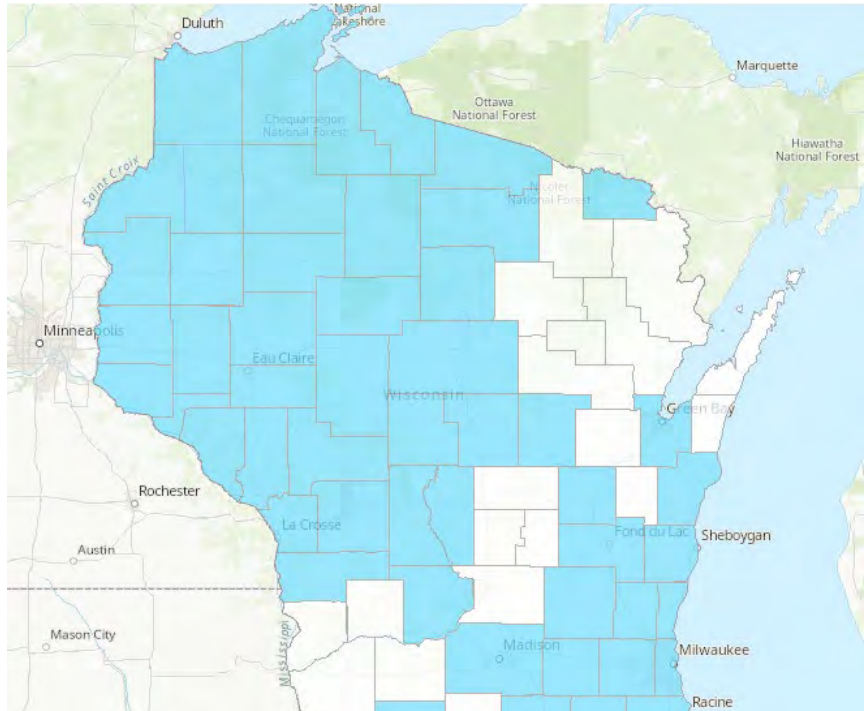
During 2022, county sanitarians conducted 5,132 annual site inspections, 1,450 sanitary surveys and 225 assessments (triggered when bacterial contaminants are detected).

The program's success is reflected in much lower numbers of monitoring violations. The rate of routine bacteria monitoring violations was only 0.5% at transient non-community systems working with county agents, compared with 11% for systems not covered by a county program.

Many county health departments are also expanding their environmental services to private well owners by opening their own labs for bacteria and nitrate analysis. Contracting with local health departments has been valuable for transient non-community public water systems and for providing safe drinking water to the broader local communities in those areas.

- **Technical assistance**

Wisconsin Rural Water Association (WRWA) helps small public water systems by giving them regular reminders about monitoring requirements and deadlines and providing specialized, on-site technical assistance. This assistance helps to train new operators and troubleshoot problems that occur. WRWA helps with a wide variety of topics, including new and seasonal water system start-up, water loss, reporting and completing compliance documents, sampling and monitoring, contaminant tracing and investigation, monitoring site assessments, and winter operations. This program is funded through a contract with DNR, so technical assistance is provided at no cost to the water systems.



**Figure 7. DNR contracts with county health departments that provide services to TN water systems in 54 counties around the state (shown shaded in blue).**

During 2022, WRWA delivered more than 5,300 monitoring reminders and performed more than 600 on-site and 'on-site virtual' visits at other-than-municipal community and non-transient non-community water systems around the state. DNR has a long-running partnership with WRWA, and both organizations regularly share feedback on how to improve their assistance to the state's small water systems. This technical assistance has helped reduce violations at OC and NN systems from over 2,000 to about 120, or even fewer, per quarter. This dramatic improvement saves time spent having to follow up on violations, for both DNR staff and water system operators.

Challenges presented by the COVID-19 pandemic have produced long term improvements. Early in the pandemic, the DNR and WRWA worked together to create 'on-site virtual visits.' On-site virtual visits allow WRWA to provide technical assistance via video-conferencing apps and extended phone calls. Although the worst of the pandemic has apparently passed, some system owners and operators still prefer on-site virtual visits, because they are more convenient and can save time. The on-site virtual visits offer additional flexibility for DNR's technical assistance program, and DNR's Technical Assistance Coordinator continues to evaluate novel ways to improve the program.

Another technical assistance partner, the Wisconsin Rural Community Assistance Program (RCAP), assists small communities throughout the state with utility, financial, asset management and other needs. RCAP works with the DNR to prioritize small water systems that need assistance as well as to identify priority training topics for RCAP's utility training courses.

The DNR's Technical Assistance Coordinator attends multiple water industry conferences throughout the year to maintain an open dialogue with operators, utility managers, engineers, consultants and training providers. Communicating about compliance issues, regulations, capacity building, funding and certification has helped the DNR to develop a solid rapport with its customers and regulated community.

- ***Training***

Moraine Park Technical College (MPTC) and WRWA both provide training for water system operators to obtain certification and required continuing education. The DNR contracts with WRWA to provide hopeful Water System operators (for OC and NN systems) with exam preparation training and help them pass the certification exam; and MPTC provides similar exam preparation training for Municipal Waterworks operators under another contract. MPTC also provides continuing education training for municipal and small water system operators. Both organizations are essential to building and developing a robust and knowledgeable drinking water workforce for our state.

MPTC also provides online training modules for asset management, financial management and capacity development. These trainings were developed through a collaboration with the DNR, and they have seen attendees from utilities, utility boards and water systems around the state.

One outcome of the COVID pandemic is that both organizations now offer hybrid learning opportunities, with in-person and online classes. These formats allow DNR-sponsored classes to have a greater reach across the state and better meet the needs of different operators. The DNR plans to continue offering hybrid trainings in the future.



## Financial assistance

Wisconsin receives federal funding to implement the SDWA, and the DNR uses most of it to provide low-interest loans and principal forgiveness awards for infrastructure improvements at eligible municipal water systems. This financial assistance funds projects that help Wisconsin communities provide safe drinking water for consumers at affordable prices. DNR’s community financial assistance program and public water staff work together to manage the funding.



- ***Safe Drinking Water Loan Program***

Wisconsin’s Safe Drinking Water Loan Program provides affordable financial assistance to municipalities, helping them undertake infrastructure projects to protect public health and achieve or maintain compliance with drinking water regulations. DNR awarded more than \$105 million in loan program funding during 2022. Since the Safe Drinking Water Loan Program began in 1998, 572 projects in Wisconsin have received more than \$985.0 million in funding.

Last year’s funding consisted of \$99.2 million in low interest loans and almost \$6 million in principal forgiveness. Depending on prevailing interest rates, communities can save 20-30% from a lower interest rate loan compared with a market rate loan. Wisconsin communities are using loan program funds for a variety of infrastructure improvements.

- The city of Sheboygan received \$39,430,018 to construct a new primary intake pipeline, a new shore well and a new low-lift pumping station to replace structures that have reached the end of their useful life and meet current design standards.
- The village of Kendall received \$981,557 to construct upgrades to wells 2 and 4 to meet current code requirements.
- The city of Milwaukee received \$24,022,175 to replace water mains.
- The village of Arlington received \$2,036,114 to construct a new well 4 to replace an existing well with nitrate contamination.
- The village of Cumberland received \$1,911,257 to replace water mains.
- The city of Augusta received \$3,138,981 to construct a new well 11 to replace an existing well with nitrate contamination.

Appendix C lists the 31 projects that were awarded loan program funding during 2022.

- ***Private Lead Service Line Replacement Program***

Wisconsin has pioneered innovative approaches to funding lead service line (LSL) replacement in communities around the state. Replacing lead service lines is one of the most effective ways to prevent exposure to lead in drinking water. It is critically important to replace the entire service—both the publicly-owned and privately-owned parts—because research shows that partial LSL replacement can actually increase short-term exposure to lead.

Wisconsin’s innovations began several years ago when the DNR created the Private Lead Service Line Replacement Program. The program awards all funding as principal forgiveness, allowing communities to replace their privately-owned LSLs without incurring any debt. (Replacement of publicly-owned LSLs is eligible for regular Safe Drinking Water Loan Program funding.) The program now has broader eligibility criteria that allow all municipalities to apply for funding.

During 2022, a total of 57 communities received \$34.9 million in principal forgiveness funding for private LSL replacements. Communities around the state are taking advantage of this funding, and Appendix D lists all the communities that received Private Lead Service Line Replacement Program funding last year.



## MEETING FUTURE CHALLENGES

Wisconsin’s water supply infrastructure—like the rest of the nation’s—is aging. Communities and their citizens face steep costs to maintain and upgrade the wells, pumps, pipes, and treatment facilities needed to bring drinking water to our homes and businesses every day.

EPA quantifies the nationwide need using a Drinking Water Infrastructure Needs Survey and Assessment. The price tag has increased over time. The most recent survey, from 2021, estimated that \$625 billion will be needed to meet the nation’s drinking water infrastructure needs between 2021 and 2040. The cost for the state of Wisconsin was estimated to be over \$11.8 billion.

Physical infrastructure is not the only need, though. Drinking water programs nationwide are struggling to do more. The DNR and other state agencies have taken on more work to meet expanding responsibilities for implementing the SDWA and to address new issues like emerging contaminants. For example, the EPA revised the national requirements for controlling lead and copper in drinking water during 2021 but also announced more revisions to come in 2023. The new regulations should help to reduce exposure to lead and protect public health, but the requirements are becoming increasingly complex, and staff are needed to keep pace with these changes.

The drinking water field also faces widespread workforce challenges. Certified water system operators are aging and retiring, creating a need for help from a new generation. Nationally, there is a substantial gap between current funding and staffing levels and states’ needs for addressing all the challenges facing public water systems.

The DNR is committed to protecting public health and the state’s drinking water every day and into the future. Although the future holds numerous challenges, many partners working together—including public water system owners and operators, water industry professionals, training and technical assistance providers and other agencies—strive to meet the goal of providing a safe and adequate supply of drinking water to everyone in Wisconsin.

## APPENDIX A. Maximum permissible levels of contaminants in drinking water

The tables in this appendix show the Maximum Contaminant Levels (MCLs) for the various types of regulated drinking water contaminants.

Table A-1. MCLs for microbial contaminants	
contaminant	MCL
<i>Escherichia coli</i> bacteria	MCL exceedance can occur in several ways: <ul style="list-style-type: none"> <li>• <i>E. coli</i>-positive repeat sample following a total coliform-positive routine sample.</li> <li>• Total coliform-positive repeat sample following an <i>E. coli</i>-positive routine sample.</li> <li>• Failure to collect all required repeat samples following an <i>E. coli</i>-positive routine sample.</li> <li>• Failure to test for <i>E. coli</i> after a total coliform-positive repeat sample.</li> </ul>

Table A-2. MCLs for inorganic contaminants					
contaminant	MCL (mg/L)	contaminant	MCL (mg/L)	contaminant	MCL (mg/L)
Antimony	0.006	Chromium	0.1	Nickel	0.1
Arsenic	0.01	Copper	1.3 is Action Level*	Nitrate	10
Asbestos (fiber length >10 microns)	7 million fibers/L	Cyanide	0.2	Nitrite	1
Barium	2	Fluoride	4	Total Nitrate & Nitrite	10
Beryllium	0.004	Lead	0.015 is Action Level*	Selenium	0.05
Cadmium	0.005	Mercury	0.002	Thallium	0.002

\* Exceeding an action level is not a violation; it requires water systems to take additional steps and employ techniques to control the corrosiveness of water.

Table A-3. MCLs for radionuclides	
contaminant	MCL
Gross alpha particle activity	15 picocuries per liter
Radium-226 and Radium-228	5 picocuries per liter
Uranium	30 micrograms per liter



Table A-4. MCLs for disinfectants and disinfection byproducts			
DISINFECTION BYPRODUCTS		RESIDUAL DISINFECTANTS	
contaminant	MCL (mg/L)	disinfectant	MRDL * (mg/L)
Bromate	0.01	Chloramines (as Cl <sub>2</sub> )	4
Chlorite	1	Chlorine (as Cl <sub>2</sub> )	4
Haloacetic Acids	0.06	Chlorine dioxide (as ClO <sub>2</sub> )	0.8
Total Trihalomethanes	0.08	* MRDL = maximum residual disinfectant level	

Table A-5. MCLs for organic contaminants					
SYNTHETIC ORGANIC CONTAMINANTS (31 contaminants in group)					
contaminant	MCL (mg/L)	contaminant	MCL (mg/L)	contaminant	MCL (mg/L)
2,4-D	0.07	Dinoseb	0.007	Lindane	0.0002
2,4,5-TP	0.05	Dioxin	3 x 10 <sup>-8</sup>	Methoxychlor	0.04
Alachlor	0.002	Diquat	0.02	Oxamyl	0.2
Atrazine	0.003	Endothall	0.1	Pentachlorophenol	0.001
Benzo[a]pyrene	0.0002	Endrin	0.002	PFOS and PFOA	0.000070
Carbofuran	0.04	Ethylene Dibromide	0.00005	Polychlorinated biphenyls (PCBs)	0.0005
Chlordane	0.002	Glyphosate	0.7	Picloram	0.001
Dalapon	0.2	Heptachlor	0.0004	Simazine	0.004
Di(2-ethylhexyl)adipate	0.4	Heptachlor epoxide	0.0002	Toxaphene	0.003
Di(2-ethylhexyl)phthalate	0.006	Hexachlorobenzene	0.001		
Dibromochloropropane	0.0002	Hexachlorocyclopentadiene	0.05		
VOLATILE ORGANIC CONTAMINANTS (21 contaminants in group)					
contaminant	MCL (mg/L)	contaminant	MCL (mg/L)	contaminant	MCL (mg/L)
Benzene	0.005	1,2-Dichloroethylene,trans	0.1	Toluene	1
Carbon Tetrachloride	0.005	Dichloromethane	0.005	1,2,4 Trichlorobenzene	0.07
o-Dichlorobenzene	0.6	1,2-Dichloropropane	0.005	1,1,1-Trichloroethane	0.2
p-Dichlorobenzene	0.075	Ethylbenzene	0.7	1,1,2 Trichloroethane	0.005
1,2-Dichloroethane	0.005	Chlorobenzene	0.1	Trichloroethylene	0.005
1,1-Dichloroethylene	0.007	Styrene	0.1	Vinyl Chloride	0.0002
1,2-Dichloroethylene,cis	0.07	Tetrachloroethylene	0.005	Xylenes (Total)	10

<b>Table A-6. Secondary drinking water standards</b>			
Water containing inorganic chemicals in quantities above these limits is not hazardous to health but may be objectionable.			
<b>chemical</b>	<b>standard (mg/L)</b>	<b>chemical</b>	<b>standard (mg/L)</b>
Aluminum	0.05 to 0.2	Iron	0.3
Chloride	250	Manganese	0.05
Color	15 units	Odor	3 (threshold number)
Copper	1	Silver	0.1
Corrosivity	Noncorrosive	Sulfate	250
Fluoride	2	Total Dissolved Solids (TDS)	500
Foaming agents	0.5	Zinc	5
Hydrogen Sulfide	Not detectable		

## APPENDIX B. Summary of violations of drinking water requirements during 2022

The following tables summarize violations at Wisconsin’s public water systems during 2022. The tables show violations of contaminant standards, monitoring and reporting requirements, treatment technique requirements, and notification requirements.

Table B-1. Maximum Contaminant Level violations during 2022						
contaminant	number of water systems with violations					number of violations
	total systems*	MC	OC	NN	TN	
<b>MICROBIAL CONTAMINANTS</b>	<b>29</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>26</b>	<b>34</b>
Total coliform bacteria					3	3
<i>E. coli</i> bacteria			2	1	23	31
<b>INORGANIC CONTAMINANTS</b>	<b>44</b>	<b>6</b>	<b>6</b>	<b>14</b>	<b>18</b>	<b>115</b>
arsenic	12	1	4	7	n/a	64
nickel				1	n/a	6
nitrate	31	5	2	6	18†	45
<b>RADIONUCLIDES</b>	<b>14</b>	<b>12</b>	<b>2</b>	<b>n/a</b>	<b>n/a</b>	<b>325</b>
combined radium-226 and radium-228		10	2			172
gross alpha particle activity		3	1			153
<b>SYNTHETIC ORGANIC CONTAMINANTS</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>n/a</b>	<b>2</b>
di(2-ethylhexyl) phthalate			1	1		
<b>VOLATILE ORGANIC CONTAMINANTS</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>n/a</b>	<b>12</b>
benzene		1				6
tetrachloroethylene			1			6
<b>DISINFECTION BYPRODUCTS</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>n/a</b>	<b>2</b>
total trihalomethanes		1				2
<b>Overall totals</b>	<b>90</b>	<b>19</b>	<b>12</b>	<b>16</b>	<b>43</b>	<b>490</b>
* Some water systems have multiple violations within a contaminant group or violations in multiple categories.						
† An additional 229 TN systems operated with nitrate levels above the MCL of 10 mg/L but below 20 mg/L during 2022.						

Table B-2. Monitoring and reporting violations during 2022

contaminant	number of water systems with violations					number of violations
	total systems*	MC	OC	NN	TN	
<b>MICROBIAL CONTAMINANTS</b>	<b>503</b>	<b>8</b>	<b>47</b>	<b>59</b>	<b>389</b>	<b>661</b>
Ground Water Rule		4	5	3	37	56
Total Coliform Rule					6	7
Revised Total Coliform Rule monitoring		5	45	57	364	591
Revised Total Coliform Rule reporting			1		4	7
<b>INORGANIC CONTAMINANTS (18 contaminants in group)</b>	<b>335</b>	<b>63</b>	<b>88</b>	<b>52</b>	<b>132</b>	<b>425</b>
arsenic		3	1	5	n/a	12
lead and copper		52	84	39	n/a	216
nitrate and nitrite		11	7	13	132	183 (201 individual contaminants)
other inorganic contaminants (13 contaminants)		3	3	5	n/a	14 (148 individual contaminants)
<b>RADIONUCLIDES</b>	<b>12</b>	<b>8</b>	<b>4</b>	n/a	n/a	<b>30</b> (89 individual contaminants)
<b>SYNTHETIC ORGANIC CONTAMINANTS (31 contaminants in group)</b>	<b>5</b>	<b>2</b>	<b>0</b>	<b>3</b>	n/a	<b>6</b> (59 individual contaminants)
<b>VOLATILE ORGANIC CONTAMINANTS (21 contaminants in group)</b>	<b>11</b>	<b>2</b>	<b>3</b>	<b>6</b>	n/a	<b>14</b> (294 individual contaminants)
<b>DISINFECTANTS &amp; DISINFECTION BYPRODUCTS</b>	<b>40</b>	<b>34</b>	<b>3</b>	<b>3</b>	n/a	<b>50</b>
residual disinfectants		7	2			11
disinfection byproducts		29	1	3		39 (70 individual contaminants)
<b>Overall totals</b>	<b>749</b>	<b>101</b>	<b>115</b>	<b>106</b>	<b>427</b>	<b>1,186</b>
*Some water systems may have multiple violations within a contaminant group or violations in multiple contaminant groups.						

**Table B-3. Treatment technique violations during 2022**

contaminant	number of water systems with violations					number of violations
	total systems*	MC	OC	NN	TN	
<b>MICROBIAL CONTAMINANTS</b>	<b>53</b>	<b>11</b>	<b>11</b>	<b>2</b>	<b>29</b>	<b>72</b>
Ground Water Rule	24	10	8		6	35
Revised Total Coliform Rule	30	2	3	2	23	37
<b>CHEMICALS—LEAD AND COPPER RULE</b>	<b>20</b>	<b>7</b>	<b>2</b>	<b>11</b>	n/a	<b>27</b>
<b>DISINFECTANTS &amp; DISINFECTION BYPRODUCTS</b>	<b>14</b>	<b>11</b>	<b>2</b>	<b>1</b>	n/a	<b>14</b>
<b>Overall totals</b>	<b>87</b>	<b>29</b>	<b>15</b>	<b>14</b>	<b>29</b>	<b>113</b>

\*Some water systems may have violations in multiple categories.

**Table B-4. Notification violations during 2022**

requirement	number of water systems with violations					number of violations
	total systems*	MC	OC	NN	TN	
Consumer Confidence Report	31	18	13	n/a	n/a	35
Ground Water Rule	13		2	2	9	14
Public Notice	559	50	40	38	431	940
<b>Overall totals</b>	<b>597</b>	<b>64</b>	<b>53</b>	<b>40</b>	<b>440</b>	<b>989</b>

\*Some water systems may have multiple violations within this group.

**Table B-5. Overall compliance with drinking water requirements during 2022**

water system type	number of water systems	systems with violations	systems with full compliance	percent of systems complying
Municipal community	609	171	438	71.9%
Other-than-municipal community	431	157	274	63.6%
Non-transient non-community	910	155	755	83.0%
Transient community	9,281	795	8,486	91.4%
<b>Overall totals</b>	<b>11,231</b>	<b>1,278</b>	<b>9,953</b>	<b>88.6%</b>

### APPENDIX C. Communities receiving Safe Drinking Water Loan Program funding for drinking water projects during 2022

The Safe Drinking Water Loan Program funded projects in 31 communities during 2022, for a total of \$105.2 million. Funding can be awarded as loans, principal forgiveness, or a combination to help communities throughout the state make needed infrastructure improvements.

community	principal forgiveness funding	loan funding	total funding	project description
Arlington (city)		\$2,036,114	\$2,036,114	Construct well #4; abandon well #2
Augusta (city)	\$500,000	\$2,638,981	\$3,138,981	Replace well #7 with new well #11
Bangor (village)		\$2,325,404	\$2,325,404	Replace water mains
Campbellsport (village)		\$795,076	\$795,076	Replace water mains on STH 67
Cross Plains (village)		\$4,324,964	\$4,324,964	Construct new well #3 and pumphouse; rehabilitate/upgrade well #2
Cumberland (city)		\$1,911,257	\$1,911,257	Replace water mains
Dorchester (village)	\$267,258	\$326,648	\$593,906	Replace water mains along N and S 3rd St and N Front St
Green Lake (city)		\$969,991	\$969,991	Replace water main on Illinois Ave
Greenwood (city)	\$398,537	\$487,099	\$885,636	River crossing transmission and distribution
Gresham (village)	\$492,587	\$328,391	\$820,978	Replace water mains on Main and Fischer streets
Hurley (city)	\$208,426	\$138,950	\$347,376	Replace water meters, antenna installation
Kendall (village)	\$500,000	\$481,557	\$981,557	Rehabilitate wells #2 and #4 including wellhouse and treatment upgrades
La Farge (village)	\$296,360	\$197,572	\$493,932	Replace water mains along Main St
Ladysmith (city)		\$399,301	\$399,301	Replace water mains along East 10th St N and Summit Ave
Markesan (city)	\$320,183	\$996,528	\$1,316,711	Replace water mains and lead service lines across city, and S Main St and Sunrise Ln
Menasha (city)		\$971,263	\$971,263	Replace water mains
Milwaukee (city)		\$24,022,175	\$24,022,175	Replace water mains
Oakfield (village)		\$460,340	\$460,340	Replace water mains on Main, Church, and Filby streets
Osseo (city)	\$500,000	\$5,760,622	\$6,260,622	Construct new water treatment plant, upgrade wellhead, demolish existing water treatment plant
Prairie du Chien (city)		\$423,900	\$423,900	Replace water main along Villa Louis Rd
Rice Lake (city)	\$500,000	\$1,255,863	\$1,755,863	Water tower and system pressure improvements
Ridgeway (village)		\$553,294	\$553,294	Replace water mains on Weaver, Kirby, Keane, Hughitt and E Main Alley

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community	principal forgiveness funding	loan funding	total funding	project description
Ripon (city)		\$743,324	\$743,324	Replace water mains on Vermont St and Parkway Terr
Shawano (city)	\$425,963	\$1,091,372	\$1,517,335	Replace water mains and lead service lines
Sheboygan (city)		\$39,430,018	\$39,430,018	New water intake pipe, shore well, and low-lift pump station
South Wayne (village)	\$398,317	\$265,544	\$663,861	Replace water mains along Center, Galena, and Verley streets
Stoughton (city)		\$1,659,096	\$1,659,096	Remove public lead service lines
Two Rivers (city)	\$152,562	\$355,975	\$508,537	Replace water mains and lead service lines on Roosevelt, Wilson, 17th, 26th, 35th and Jackson streets
Weyauwega (city)	\$500,000	\$1,868,246	\$2,368,246	Construct new elevated tank, water mains, booster pump; demolish existing tank
Whitehall (city)		\$1,376,852	\$1,376,852	Replace water main along Hobson St
Winter (village)	\$500,000	\$648,780	\$1,148,780	Rehabilitate water tank
<b>Total 2022 projects</b>	<b>\$5,960,193</b>	<b>\$99,244,497</b>	<b>\$105,204,690</b>	

## APPENDIX D. Communities receiving Private Lead Service Line Replacement Program funding during 2022

The Private Lead Service Line Replacement Program funded projects in 57 communities during 2022. All funding in this program is awarded as principal forgiveness, allowing communities to replace the private portions of lead service lines without incurring any debt. According to estimates, more than 8,000 lead service lines are being replaced with the 2022 funding.

community	principal forgiveness funding	estimated number of lead service lines	community	principal forgiveness funding	estimated number of lead service lines
Antigo (city)	\$357,500	55	Mount Horeb (village)	\$1,566,000	261
Ashland (city)	\$211,505	50	New Holstein (city)	\$919,890	180
Beaver Dam (city)	\$300,000	80	New Richmond (city)	\$122,500	35
Beloit (city)	\$450,000	75	North Fond Du Lac (village)	\$90,000	30
Cedarburg (city)	\$600,000	100	Oconomowoc (city)	\$600,000	200
Columbus (city)	\$160,000	40	Omro (city)	\$78,000	12
Eau Claire (city)	\$650,000	300	Oregon (village)	\$286,908	71
Elkhorn (city)	\$560,000	100	Oshkosh (city)	\$382,500	170
Elmwood (village)	\$250,000	37	Platteville (city)	\$94,102	50
Fond du Lac (city)	\$312,000	156	Prairie du Chien (city)	\$52,500	15
Green Bay (city)	\$1,586,950	420	Racine (city)	\$1,104,000	400
Hartford (city)	\$786,000	113	Ripon (city)	\$150,000	30
Hurley (city)	\$250,000	70	Saint Francis (city)	\$50,000	10
Janesville (city)	\$3,240,000	581	Sauk City (village)	\$185,000	31
Juneau (city)	\$555,000	150	Schofield (city)	\$67,500	25
Kenosha (city)	\$2,154,125	500	Shawano (city)	\$488,400	125
Kewaunee (city)	\$78,000	26	Sheboygan (city)	\$405,000	175
Kiel (city)	\$448,245	144	Shorewood (village)	\$405,000	50
Kimberly (village)	\$931,000	29	Sturgeon Bay (city)	\$750,000	150
Lake Mills (city)	\$190,860	50	Sun Prairie (city)	\$572,694	65
Manitowoc (city)	\$1,200,000	400	Thorp (city)	\$72,500	15
Markesan (city)	\$160,000	30	Two Rivers (city)	\$207,500	79
Marshfield (city)	\$675,000	188	Viroqua (city)	\$202,500	45
Mayville (city)	\$712,801	247	Waterloo (city)	\$194,982	63
Menasha (city)	\$285,000	170	Watertown (city)	\$2,500,000	430
Milton (city)	\$300,000	60	Waupaca (city)	\$280,000	40
Milwaukee (city)	\$4,517,063	900	Wausau (city)	\$577,718	100
Montreal (city)	\$180,000	35	West Allis (city)	\$346,300	70
Mosinee (city)	\$62,500	25			
<b>Total 2022 projects</b>				<b>\$34,915,043</b>	<b>8,058</b>





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

*Serving Electric, Water & Wastewater Since 1886*

**Date:** September 8, 2023

**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.