

AGENDA

REGULAR WATER COMMISSION MEETING AND STORM WATER CITIZEN ADVISORY BOARD MEETING

Monday, March 20, 2023

4:30 P.M.

Council Chambers – City Hall

NOTICE IS HEREBY GIVEN, pursuant to the requirements of Wis. Stats. Sec. 19.84, that a majority of the Neenah Common Council may be present at this meeting. Common Council members may be present to gather information about a subject over which they have decision making responsibility. This constitutes a meeting of the Neenah Common Council and must be noticed as such. The Council will not take any formal action at this meeting.

1. Approve Regular Meeting Minutes for February 20, 2023 (Attachment)
2. Approve the Invoices for February 2023 (Attachment)
3. Appearances
4. Old Business/New Business
 - A. Approve Proposal for the Painting and Refurbishment of the Cecil Street Water Tower (Attachment)
 - B. Award Contract 4-23 for HMA Pavement Repair (Attachment)
 - C. Approve Draft Water Quality Report for 2022 (Attachment)
 - D. Award Bid for Sodium Hypochlorite for the 2nd Quarter of 2023 (Attachment)
 - E. Director's Report (Attachment)
 - F. Any Other Business That May Legally Come Before the Commission
 - G. Adjournment

*In accordance with the requirements of Title II of the Americans with Disabilities Act (ADA), the City of Neenah will not discriminate against qualified individuals with disabilities on the basis of disability in its services, programs, or activities. If you need assistance, or reasonable accommodation in participating in this meeting or event due to a disability as defined under the ADA, please call the **Water Utility Administrative Assistant at 920-886-6180** or the **City's ADA Coordinator at (920) 886-6106** or e-mail attorney@ci.Neenah.wi.us at least 48 hours prior to the scheduled meeting or event to request an accommodation.*

**MINUTES OF THE NEENAH WATER WORKS COMMISSION
AND
STORM WATER CITIZEN ADVISORY BOARD MEETING**
Regular Meeting – February 20, 2023
Council Chambers – City Hall

Present: President Schmeichel; Commissioners: J. Lang, Hemes, Boyette, and Bauman; and Director Mach

President Schmeichel called the meeting to order at 4:30 p.m.

Approve Meeting Minutes for January 16, 2023 – Following discussion, **M.S.C. Boyette/Hemes to approve the January 16, 2023 Meeting Minutes.** All voting aye.

Approve the Invoices for January 2023 – Commissioners asked about charges and invoices from Newegg, Inc., Strand Associates, Inc., UW Milwaukee, Superior, LLC, Michels Corporation, and Eagle Graphics, LLC. Director Mach explained that new computers were purchased from Newegg to replace existing computer systems that were becoming difficult to use and were past their useful life. One computer was purchased for the training center at the plant. Strand Associates maintains the distribution system model. Staff provide data so that the model is updated on a yearly basis. UW Milwaukee provided archaeological services in conjunction with a main break on Wisconsin Ave. The fee from Superior is the Water Utility's share of the billing system SaaS fee. The Utility purchases backfill and cold patch from Michels. This material is used to perform restoration after main break repairs. Eagle Graphics is the vendor used to provide clothing as rewards for employee longevity.

Following discussion, **M.S.C. Boyette/Bauman to approve the January 2023 invoices.** All voting aye.

Appearances – None.

Old Business/New Business

Approve Contract 2-23 – Director Mach noted that the approval authority process requires the Commission to approve all contracts in which the Utility is responsible for greater than 50% of the cost of the work. Commissioners were pleased to see the large amount of bids and sent along complements to Utility staff and Public Works staff for doing a great job with the bidding process. Director Mach did note that the award recommendation is for the entire contract amount, but the Utility is responsible for approximately 52% of this work.

Following discussion, **M.S.C. Boyette/Bauman to recommend awarding Contract 2-23 Sewer, Water Main & Water Services, and Street Construction on Brantwood Dr., Brantwood Ct., Charles Ct., Hughes Ct., Memorial Ct., and Patrick Ct. to Dave Tenor Corporation of Green Bay, WI in the amount of \$1,077,298.50.** All voting aye.

Approve Fourth Amendment to the Verizon Lease – Director Mach presented a memo detailing the request from Verizon to add additional cell capacity to the Industrial Tower. Staff negotiated additional rent of \$125 per month along with coverage of the associated engineering and inspection costs of \$6,000. The issue of unpaid back rent was also discussed and Verizon agreed to pay this as a lump sum.

Following discussion, **M.S.C. Lang/Hemes to approve the Fourth Amendment to the Verizon Lease.** All voting aye.

**Waterworks Commission and Storm Water Citizens Advisory Board Regular Meeting Minutes
February 20, 2023
Page 2 of 2**

Director's Report –

1. Water Loss Report – Water loss appears to be decreasing over time, but staff continue leak detection efforts when time allows.
2. The following items were approved at the January 31, 2023 Board of Public Works meeting:
 - Change Order No.3 for Contract 2-22, Sanitary Sewer and Laterals, Water Services, and Street Construction on Dieckhoff Street and Grove Street to Donald Hietpas & Sons Inc., Little Chute, WI in the amount of \$9,963.00 for final quantity adjustments.
 - Final Payment for Contract 2-22, Sanitary Sewer and Laterals, Water Services, and Street Construction on Dieckhoff Street and Grove Street to Donald Hietpas & Sons Inc., Little Chute, WI in the amount of \$9,104.70 for water services.
 - Pay Request No. 1 for Contract 11A-22, Water Service Replacement on Reddin Avenue and Zemlock Avenue to Donald Hietpas & Sons Inc., Little Chute, WI in the amount of \$1,025.00 for utility-owned service replacement.
3. The following items were approved at the February 9, 2023 Board of Public Works meeting:
 - Award Contract 1-23, Street, Sanitary & Storm Sewer and Water Main Construction on Burr Ave., Chestnut St., Dieckhoff St., and Laudan Blvd. to Don E. Parker Excavating, Inc., Hortonville, WI in the amount of \$2,474,739.50. The amount of the contract applicable to Water is \$699,549.00.
 - Award Contract 2-23, Sewer, Water Main & Water Services, and Street Construction on Brantwood Dr., Brantwood Ct., Charles Ct., Hughes Ct., Memorial Ct., and Patrick Ct., to David Tenor Corporation, in the amount of \$1,077,298.50. The amount of the contract applicable to Water is \$559,326.00.
4. Solar installation update – January was very overcast and the solar production was minimal.
5. Private lead service line replacement funding and project update – Spot replacements are being performed.
6. The next regular Waterworks Commission meeting is scheduled for March 20, 2023.

Following discussion, **M.S.C. Hemes/Boyette to accept and place on file the Director's Report.** All voting aye.

Any Other Business That May Legally Come Before the Commission – Commissioners requested updates regarding the proposal from Landis+Gyr. Director Mach explained that the contract is being drafted. Per previous Commission request, Director Mach provided an update on the progress and cost of work associated with the 2022 CIP.

Adjournment – **M.S.C. Hemes/Boyette to adjourn in at 5:24 p.m.** All voting aye.

Respectfully submitted,



Anthony L. Mach
Director, Neenah Water Utility

WATER UTILITY CASH ACTIVITY
February 2023

Cash Balance February 1, 2023		\$1,650,459
Cash Receipts		
Water Collection Receipts	603,493	
Other Water Receipts	29,447	
Loan from City	3,000,000	
		<u>3,632,939</u>
Cash Distributions		
Check Register	151,633	
WE Energies	34,771	
CVMIC Insurance	19,271	
Disbursements to the City	<u>137,469</u>	
		<u>343,143</u>
Cash Balance February 28, 2023		<u><u>\$4,940,255</u></u>

FEB DISBURSEMENTS TO THE CITY

Payroll	\$92,576
Payroll Benefits	38,943
Vehicle Fuel and Fluids	1,405
Vehicle Maintenance	305
Postage	249
IS/GIS Services	<u>3,990</u>
Total Disbursements to the City	<u><u>\$137,469</u></u>

REPLACEMENT FUND RESERVES AS OF FEB 2023

Sludge Lagoon	\$1,963,413
Vehicles	199,050
Painting Towers	566,495
Painting Hydrants	61,000
GAC Media Replacement	530,000
Pump Rehab	<u>72,000</u>
Total Replacement Fund Reserves	<u><u>\$3,391,958</u></u>

WATER UTILITY CHECK REGISTER

AP Payment Date	AP Payment Number	AP Vendor Name	AP Invoice Number	AP Transaction Amount	AP Description 01	AP Description 02	Fund Description	Account Number
02/02/2023	578	DONALD HIETPAS & SONS INC	11A-22 PAY #1	1,025.00	WATER SERVICE REPLACEMENT		Water	40000002070492
02/09/2023	587	DONALD HIETPAS & SONS INC	CN2-22 FINAL	644.15	WATER SERVICES-DIECKHOFF	ST	Water	40000002070485
		DONALD HIETPAS & SONS INC	CN2-22 FINAL	8,460.55	WATER SERVICES-GROVE ST		Water	40000002070484
02/16/2023	599	BAKER TILLY US LLP	BT2302427	661.00	AUDIT SVCS THRU 1/31		Water	40004017709232
02/16/2023	600	DIGGERS HOTLINE INC	230125801	89.50	JAN LOCATES		Water	40004017706620
02/16/2023	604	KRUEGER TRUE VALUE	147233	62.03	GARDEN HOSE, CONNECTORS,	DRILL PUMP	Water	40004027706520
		KRUEGER TRUE VALUE	147307	44.91	SHOP & BATH SUPPLIES		Water	40004017706650
		KRUEGER TRUE VALUE	147353	9.88	SHELF BRACKETS		Water	40004027706520
02/16/2023	607	MICHELS	445555	171.34	BACKFILL		Water	40004027706730
02/28/2023	626	U S BANK	02-13-23	80.00	ABC-NV	DNR EXAM PREISSNER	Water	40004017706430
		U S BANK	02-13-23	2,880.00	AIRGAS - NORTH	CARBON DIOXIDE	Water	40004017706410
		U S BANK	02-13-23	15.99	AMZN MKTP US*XM9GU8SH3	FILTERS	Water	40004017706430
		U S BANK	02-13-23	103.92	AMZN MKTP US*XM9GU8SH3	LED LIGHTS	Water	40004027706520
		U S BANK	02-13-23	66.98	AMZN MKTP US*XM9GU8SH3	OFFICE SUPPLIES	Water	40004017709210
		U S BANK	02-13-23	244.46	AMZN MKTP US*2T7B71S83	LED LIGHTS	Water	40004027706510
		U S BANK	02-13-23	-67.18	AMZN MKTP US*2T7B71S83	RETURN OFFICE SUPPLIES	Water	40004017709210
		U S BANK	02-13-23	459.88	BADGER METER INC	MONTHLY SERVICE FEE	Water	40004017706630
		U S BANK	02-13-23	2,738.74	BADGER METER INC	1.5" METERS	Water	40000002070508
		U S BANK	02-13-23	19,998.00	BADGER METER INC	5/8 INCH METERS	Water	40000002070508
		U S BANK	02-13-23	60.96	CINTAS CORP	MATS/MOPS DISTRIBUTION	Water	40004017706650

WATER UTILITY CHECK REGISTER

AP Payment Date	AP Payment Number	AP Vendor Name	AP Invoice Number	AP Transaction Amount	AP Description 01	AP Description 02	Fund Description	Account Number
02/28/2023	626	U S BANK	02-13-23	60.97	CINTAS CORP	MATS/MOPS TREATMENT	Water	40004017706430
		U S BANK	02-13-23	593.53	CORE & MAIN - WI005	LRG MTR GASKETS/FLNGE KIT	Water	40004017706630
		U S BANK	02-13-23	-99.99	EBAY O*11-09590-18646	REFUND HVAC MOTOR	Water	40004027706510
		U S BANK	02-13-23	160.00	FLEET FARM 100	ANNIVERSARY GIFT CARDS	Water	40004017709270
		U S BANK	02-13-23	20.00	HAWKINS INC	ENVIRONMENTAL FEE	Water	40004017706410
		U S BANK	02-13-23	6,320.16	HAWKINS INC	LPC-31	Water	40004017706410
		U S BANK	02-13-23	3,956.96	HAWKINS INC	SODIUM PERMANGANATE	Water	40004017706410
		U S BANK	02-13-23	0.00	HOLIDAY INN EXPRESS-WISC	TAX	Water	40000001178000
		U S BANK	02-13-23	93.09	HOLIDAY INN EXPRESS-WISC	TRAINING JENS/READER	Water	40004017709270
		U S BANK	02-13-23	1,085.21	IDEXX DISTRIBUTION INC	LAB MEDIA	Water	40004017706420
		U S BANK	02-13-23	9,177.60	KEMIRA WATER SOLUTIONS	FERRIC SULFATE	Water	40004017706410
		U S BANK	02-13-23	461.08	LAI LTD	PUMP TUBE ELEMENTS	Water	40004027706520
		U S BANK	02-13-23	194.90	MORTON SAFETY, LLC	CUT GLOVES/FIRST AID SUPP	Water	40004017706430
		U S BANK	02-13-23	43.99	NEWEGG MARKETPLACE	MONITOR STAND	Water	40004017706650
		U S BANK	02-13-23	1,165.68	NORTHERN LAKE SERVICE- IN	LAB TESTS	Water	40004017706420
		U S BANK	02-13-23	157.96	PACKER FASTENER	NUTS, BOLTS	Water	40004017706650
		U S BANK	02-13-23	-8.69	PACKER FASTENER	TAX	Water	40000001178000
		U S BANK	02-13-23	8.69	PACKER FASTENER	TAX TO BE REFUNDED	Water	40000001178000
		U S BANK	02-13-23	208.73	RICE LAKE WEIGHING SYSTE	BALANCE WGTS/RECERTIFICAT	Water	40004017706420
		U S BANK	02-13-23	73.22	THE HOME DEPOT #4928	LARGE METER TOOLS	Water	40004017706630
		U S BANK	02-13-23	11.98	THE UPS STORE 2376	LAB SHIPPING	Water	40004017706420

WATER UTILITY CHECK REGISTER

AP Payment Date	AP Payment Number	AP Vendor Name	AP Invoice Number	AP Transaction Amount	AP Description 01	AP Description 02	Fund Description	Account Number
02/28/2023	626	U S BANK	02-13-23	852.40	USA BLUE BOOK	LAB REAGENTS	Water	40004017706420
		U S BANK	02-13-23	25.19	WATTS REGULATOR CO INC	TURBIDIMETER PARTS/159206	Water	40004027706520
		U S BANK	02-13-23	278.83	WATTS REGULATOR CO INC	TURBIDIMETER PARTS/159304	Water	40004027706520
		U S BANK	02-13-23	28.00	WI STATE HYGIENE LAB	LAB TEST	Water	40004017706420
		U S BANK	02-13-23	198.00	WISCONSIN WASTEWATER OPER	CEU TRAINING JENS/READER	Water	40004017709270
02/28/2023	627	U S BANK	02-27-23	86.32	TDS METROCOM	JAN TDS PHONE	Water	40004017706430
		U S BANK	02-27-23	4.11	TDS METROCOM	JAN TDS PHONE	Water	40004017706630
		U S BANK	02-27-23	41.10	TDS METROCOM	JAN TDS PHONE	Water	40004017706650
		U S BANK	02-27-23	7.10	TDS METROCOM	JAN TDS PHONE	Water	40004017709030
		U S BANK	02-27-23	9.46	TDS METROCOM	JAN TDS PHONE	Water	40004017709210
		U S BANK	02-27-23	17.35	U.S. CELLULAR	AIRTIME 12/22-1/21	Water	40004017706260
		U S BANK	02-27-23	17.32	U.S. CELLULAR	AIRTIME 12/22-1/21	Water	40004017706430
		U S BANK	02-27-23	98.65	U.S. CELLULAR	AIRTIME 12/22-1/21	Water	40004017706620
		U S BANK	02-27-23	40.96	U.S. CELLULAR	AIRTIME 12/22-1/21	Water	40004017706630
		U S BANK	02-27-23	120.21	U.S. CELLULAR	AIRTIME 12/22-1/21	Water	40004017706650
		U S BANK	02-27-23	19.32	U.S. CELLULAR	AIRTIME 12/22-1/21	Water	40004017709020
02/28/2023	648	U S BANK	02-27-23	266.00	AMERICAN WATER WORKS ASSO	AWWA MEMBESHIP MACH	Water	40004017706430
		U S BANK	02-27-23	32.98	AMZN MKTP US*HE78W9621	POWER SUPPLY	Water	40004017706650
		U S BANK	02-27-23	-30.38	AMZN MKTP US*HE78W9621	REFUND	Water	40004017706430
		U S BANK	02-27-23	51,325.00	BADGER METER INC	5/8 INCH METERS	Water	40000002070508
		U S BANK	02-27-23	272.50	CENTRAL TEMPERATURE EQUI	HVAC SERVICE	Water	40004027706520
		U S BANK	02-27-23	60.96	CINTAS CORP	MATS & MOPS	Water	40004017706650

WATER UTILITY CHECK REGISTER

AP Payment Date	AP Payment Number	AP Vendor Name	AP Invoice Number	AP Transaction Amount	AP Description 01	AP Description 02	Fund Description	Account Number
02/28/2023	648					DISTRIBUTION		
		U S BANK	02-27-23	60.97	CINTAS CORP	MATS & MOPS TREATMENT	Water	40004017706430
		U S BANK	02-27-23	322.87	GUENTHER SUPPLY, INC.	PIPE FLANGES	Water	40004027706520
		U S BANK	02-27-23	-274.50	HYDRITE CHEMICAL CO	RETURN SODIUM HYPOCHLORIT	Water	40004017706410
		U S BANK	02-27-23	10,543.50	HYDRITE CHEMICAL CO	SODIUM HYPOCHLORITE	Water	40004017706410
		U S BANK	02-27-23	130.00	MORTON SAFETY, LLC	NITRILE GLOVES	Water	40004017706420
		U S BANK	02-27-23	27.38	MOTION INDUSTRIES W102	MOTOR BEARINGS PAC	Water	40004027706520
		U S BANK	02-27-23	61.44	NCL OF WISCONSIN INC	LAB REAGENTS	Water	40004017706420
		U S BANK	02-27-23	129.20	NORTHERN LAKE SERVICE- IN	LAB TESTS	Water	40004017706420
		U S BANK	02-27-23	220.11	SIGMA ALDRICH US	LAB SUPPLIES	Water	40004017706420
		U S BANK	02-27-23	120.24	WAL-MART #2986	TP/PPR TWL/BLCH WIPES	Water	40004027706520
		U S BANK	02-27-23	35.34	WATTS REGULATOR CO INC	TURBIDIMETER PARTS	Water	40004027706520
		U S BANK	02-27-23	55.50	4TE*CULLIGAN WATER CONDIT	LAB WATER	Water	40004017706420
02/02/2023	56187	GRAYMONT WESTERN LIME INC	35198699RI	4,856.10	HYDRATED LIME		Water	40004017706410
02/02/2023	56205	WRWA	FLOM	60.00	CCC ASSEMB TEST REFRESHER	CLASS 101-FLOM	Water	40004017709270
		WRWA	FLOM	60.00	CCC ASSEMB TEST REFRESHER	CLASS 102-FLOM	Water	40004017709270
		WRWA	GORGES	295.00	WRWA TECHNICAL CONF-	GORGES	Water	40004017709270
		WRWA	MACH	60.00	CCC ASSEMB TEST REFRESHER	CLASS 101-MACH	Water	40004017709270
		WRWA	MACH	60.00	CCC ASSEMB TEST REFRESHER	CLASS 102-MACH	Water	40004017709270
		WRWA	MACH	295.00	WRWA TECHNICAL CONF-MACH		Water	40004017709270

WATER UTILITY CHECK REGISTER

AP Payment Date	AP Payment Number	AP Vendor Name	AP Invoice Number	AP Transaction Amount	AP Description 01	AP Description 02	Fund Description	Account Number
02/02/2023	56205	WRWA	PREISSNER	110.00	WRWA CONFINED SPACE TRNG-	PREISSNER	Water	40004017709270
		WRWA	SCHULZ	110.00	WRWA CONFINED SPACE TRNG-	SCHULZ	Water	40004017709270
02/09/2023	56214	GRAYMONT WESTERN LIME INC	35199048RI	4,985.90	HYDRATED LIME		Water	40004017706410
02/16/2023	56244	DEVORE, MICHAEL/SARRIE	000035199	126.20	OVERPD FINAL ACCOUNT	000020792	Water	40000003070000
02/16/2023	56265	SCHOOLEY, BRECK	000027651	140.98	OVERPD FINAL ACCOUNT	000023004	Water	40000003070000
02/16/2023	56266	SCOTT LAMERS CONSTRUCTION LLC	5241	2,500.00	CITY SIDE LEAD SERVICE -	668 CONGRESS	Water	40000002070492
02/16/2023	56273	WILLIAMS, JOHN	000000743	129.22	OVERPD FINAL ACCOUNT	000011618	Water	40000003070000
02/23/2023	56281	DIVERSIFIED BENEFIT SERVICES INC	373400	75.65	FEB SERVICES - HRA		Water	40004017709260
02/23/2023	56286	GRAEF	124748	6,897.00	2023 GIS SUBSCRIPTION		Water	40004017706650
02/23/2023	56287	GRAYMONT WESTERN LIME INC	35199750RI	4,149.60	HYDRATED LIME		Water	40004017706410
02/23/2023	56303	VANOUDENHOVEN, STEVE	000006741	83.52	OVERPD FINAL ACCOUNT	000010750	Water	40000003070000
Overall - Total				151,632.78				



Neenah Water Utility

211 Walnut St. PO Box 426 Neenah, WI 54957-0426

Office: (920) 886-6182 Cell: (920) 858-6300

Email: amach@ci.neenah.wi.us

Anthony L. Mach

Director of Neenah Water Utility

MEMORANDUM

DATE: March 15, 2023

TO: Waterworks Commission

FROM: Anthony L. Mach

RE: Approve Proposal for the Painting and Refurbishment of the Cecil Street Water Tower

The Utility sent a Request for Proposal to twelve local engineering firms seeking engineering and inspection services for the painting and refurbishment of the Cecil Street Water Tower. Three high quality proposals were received. Staff reviewed and rated the proposals based upon factors relating to the firm's experience with similar projects, staff expertise, and overall estimated cost of services. The ratings indicate that all firms would be adequately staffed and capable of providing these services. Ruekert & Mielke, Inc. provided the best mix of cost-effectiveness and experience. Ruekert & Mielke, Inc. provided the engineering and inspection services for the Industrial Tower painting project and staff were extremely pleased with their expertise and level of communication. The total estimated fee for all services is \$62,029.00.

Staff recommends approving the proposal from Ruekert & Mielke, Inc. and execution of a contract to provide engineering and inspection services for the painting and refurbishment of the Cecil Street Water Tower.



Neenah Water Utility

211 Walnut St. PO Box 426 Neenah, WI 54957-0426

Office: (920) 886-6182 Cell: (920) 858-6300

Email: amach@ci.neenah.wi.us

Anthony L. Mach

Director of Neenah Water Utility

MEMORANDUM

DATE: March 16, 2023
TO: Waterworks Commission
FROM: Anthony L. Mach
RE: Award Contract 4-23 for HMA Pavement Repair

Contract 4-23 for HMA Pavement Repair has been recommended for award at the March 9, 2023 Board of Public Works meeting. Three bids were received. The low bid was from MCC, Inc. for a total of \$71,119.00. The estimated amount of the work attributable to the Water Utility is \$67,211.11.

Staff recommends awarding Contract 4-23 HMA Pavement Repair to MCC, Inc., Appleton, WI in the amount of \$71,119.00.

City of Neenah
Contract 4-23
HMA Pavement Repair

Line Item	Item Code	Item Description	UofM	Quantity	Engineer Estimate		MCC, Inc.		Northeast Asphalt, Inc.		All-Ways Contractors, Inc.	
					Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
1	402.1.7.4	Unclassified Excavation	Cu. Yd.	20	\$50.00	\$1,000.00	\$118.00	\$2,360.00	\$99.85	\$1,997.00	\$48.00	\$960.00
2	401.1.1	Furnish and Install Crushed Aggregate Base	Ton	40	\$50.00	\$2,000.00	\$69.35	\$2,774.00	\$61.25	\$2,450.00	\$40.00	\$1,600.00
3	9999	HMA Pavement Repair	Ton	260	\$175.00	\$45,500.00	\$163.50	\$42,510.00	\$173.40	\$45,084.00	\$218.00	\$56,680.00
4	9999	Pavement Repair Preperation	Sq. Yd.	1000	\$30.00	\$30,000.00	\$18.25	\$18,250.00	\$35.30	\$35,300.00	\$40.00	\$40,000.00
5	306.8	Adjust Sewer Manhole	Each	2	\$750.00	\$1,500.00	\$1,100.00	\$2,200.00	\$1,845.00	\$3,690.00	\$1,650.00	\$3,300.00
6	706.1	Install and Maintain Traffic Control	Lump Sum	1	\$10,000.00	\$10,000.00	\$3,025.00	\$3,025.00	\$14,560.00	\$14,560.00	\$5,200.00	\$5,200.00
Total Base Bid						<u>\$90,000.00</u>		<u>\$71,119.00</u>		<u>\$103,081.00</u>		<u>\$107,740.00</u>



2022 Water Quality Report

DRAFT

Neenah Water: Quality From the Tap

This is the annual report on the quality of water delivered by the Neenah Water Utility. This report meets the Federal Safe Drinking Water Act (SDWA) requirements for "Consumer Confidence Reports", and contains information on the source of Neenah's water, its constituents, and the health risks associated with the contaminants.

Lake Winnebago is Primary Source of Neenah Drinking Water

The Neenah Water Treatment Plant is supplied by surface water from Lake Winnebago. We also have an emergency intake in the Fox River near Riverside Park. The sources of drinking water, both tap water and bottled water, include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or human activity. Contaminants that may be present in source water include:

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

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

To obtain a summary of the source water assessment please contact Gary Gorges at 920-886-6196.



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HEALTH INFORMATION

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's safe drinking water hotline (800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. The EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbial contaminants are available from the Environmental Protection Agency's safe drinking water hotline (800-426-4791).

Este informe contiene información importante acerca de su agua potable. Haga que alguien lo traduzca para usted, o hable con alguien que lo entienda.

Dlaim ntawv tshaabzu nuav muaj lug tseemceeb heev nyob rua huv kws has txug cov dlej mej haus. Kuas ib tug paab txhais rua koj, los nrug ib tug kws paub lug

Term	Definition
AL	Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
HA	Health Advisory: An estimate of acceptable drinking water levels for a chemical substance based on health effects information.
HAL	Health Advisory Level: The concentrations of a contaminant which, if exceeded, poses a health risk and may require a system to post a public notice. Health Advisories are determined by US EPA.
HI	Hazard Index: Is used to assess the potential health impacts associated with mixtures of contaminants. Hazard Index guidance for a class of contaminants or mixture of contaminants may be determined by the US EPA or Wisconsin Department of Health Services. If a Health Index is exceeded a system may be required to post a public notice.
Level Found	<u>For Disinfection Byproducts</u> : The Level Found for MCL compliance is calculated using the locational running annual average (LRAA) of samples from each monitoring location across the system.
MCL	Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
MCLG	Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
MRDL	Maximum Residual Disinfectant Level: The highest level of a disinfectant allowed in drinking water. There is convincing evidence that the addition of a disinfectant is necessary for control of microbial contaminants.
MRDLG	Maximum Residual Disinfectant Level Goal: The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
NTU	Nephelometric Turbidity Units
pCi/l	Picocuries per liter (a measure of radioactivity)
ppm	Parts per million, or milligrams per liter (mg/l)
ppb	Parts per billion, or micrograms per liter (ug/l)
ppt	Parts per trillion, or nanograms per liter
SMCL	Secondary drinking water standards or Secondary Maximum Contaminant Levels drinking water. The SMCLs do not represent health standards.
TCR	Total Coliform Rule
TT	Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.

Detected Contaminants

Your water was tested for many contaminants last year. We are allowed to monitor for some contaminants less frequently than once a year. The following tables list only those contaminants which were detected in your water. If a contaminant was detected last year, it will appear in the following tables without a sample date. If the contaminant was not monitored last year, but was detected within the last 5 years, it will appear in the tables below along with the sample date.

Disinfection Byproducts

Contaminant (units)	Site	MCL	MCLG	Level Found	Range	Sample Date (if prior to 2022)	Violation	Typical Source of Contaminant
HAA5 (ppb)	D10	60	60	21	15–26		No	By-product of drinking water chlorination
TTHM (ppb)	D10	80	0	43.8	30.3–55.1		No	By-product of drinking water chlorination
HAA5 (ppb)	D16	60	60	19	12–25		No	By-product of drinking water chlorination
TTHM (ppb)	D16	80	0	37.9	26.3–53.2		No	By-product of drinking water chlorination
HAA5 (ppb)	D17	60	60	22	14–26		No	By-product of drinking water chlorination
TTHM (ppb)	D17	80	0	40.8	27.0–51.1		No	By-product of drinking water chlorination
HAA5 (ppb)	D4	60	60	21	15–24		No	By-product of drinking water chlorination
TTHM (ppb)	D4	80	0	43.0	29.4–51.2		No	By-product of drinking water chlorination

Inorganic Contaminants

Contaminant (units)	MCL	MCLG	Level Found	Range	Sample Date (if prior to 2022)	Violation	Typical Source of Contaminant
ARSENIC (ppb)	10	N/A	0	0	2021	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
BARIUM (ppm)	2	2	0.005	0.005		No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
CHROMIUM (ppb)	100	100	1	1	2021	No	Discharge from steel and pulp mills; Erosion of natural deposits
FLUORIDE (ppm)	4	4	0.5	0.5		No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
NICKEL (ppb)	100	N/A	0.3900	0.3900	2020	No	Nickel occurs naturally in soils, ground water and surface waters and is often used in electroplating, stainless steel and alloy products
NITRATE (NO3-N) (ppm)	10	10	0.55	0.55		No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
SODIUM (ppm)	N/A	N/A	12.00	12.00		No	N/A

Inorganic Contaminants Continued

Contaminant (units)	Action Level	MCLG	90th Percentile Level Found	# of Results	Sample Date (if prior to 2022)	Violation	Typical Source of Contaminant
Copper (ppm)	AL=1.3	1.3	0.044	0 of 30 results were above the action level.	2020	No	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
Lead (ppb)	AL=15	0	5.90	0 of 30 results were above the action level.	2020	No	Corrosion of household plumbing systems; Erosion of natural deposits

Synthetic Organic Contaminants including Pesticides and Herbicides

Contaminant (units)	MCL	MCLG	Level Found	Range	Sample Date (if prior to 2021)	Violation	Typical Source of Contaminant
ATRAZINE (ppb)	3	3	0	0	2020	No	Runoff from herbicide used on crops
HEXACHLOROCYCLOPENTADIENE (ppb)	50	50	0.000	0.000	2020	No	Discharge from chemical factories

Unregulated contaminants are those for which the EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist the EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulation is warranted. The EPA required us to participate in this monitoring. The EPA requires this report to list all unregulated contaminants that have been detected within the past 5 years.

Unregulated Contaminant Monitoring Rule Sample Results

Contaminant (units)	Level Found	Range	Sample Date (if prior to 2022)
HAA5 (ppb)	26.2	17.5 – 34.7	2019
HAA5 (ppb)	27.7	26.0 – 29.0	2018
HAA6Br (ppb)	2.0	1.6 – 2.2	2019
HAA6Br (ppb)	2.7	2.7 – 2.8	2018
HAA9 (ppb)	28.2	19.1 – 36.4	2019
HAA9 (ppb)	30.4	28.7 – 31.7	2018
METOLACHLOR (DUAL) (ppb)	0.09	0.00–0.09	2020

Contaminants with a Health Advisory Level or a Secondary Maximum Contaminant Level

The following table lists contaminants which were detected in your water and that have either a Health Advisory Level (HAL) or a Secondary Maximum contaminant Level (SMCL), or both. There are no violations for detections of contaminants that exceed Health Advisory Levels. Groundwater Standards or Secondary Maximum Contaminant Levels are levels that do not present health concerns but may pose aesthetic problems such as objectionable taste, odor, or color. Health Advisory Levels are levels at which concentrations of the contaminant present a health risk.

Contaminant (units)	SMCL (ppm)	HAL (ppm)	Level Found	Range	Sample Date (if prior to 2022)	Typical Source of Contaminant
SULFATE (ppm)	250		23	23		Runoff/leaching from natural deposits, industrial wastes

TURBIDITY MONITORING

In accordance with s.NR810.29, Wisconsin Administrative Code, the treated surface water is monitored for turbidity to confirm that the filtered water is less than 0.3NTU. Turbidity is a measure of the cloudiness of water. We monitor for it because it is a good indicator of the effectiveness of our filtration system. During the year, the highest single entry point turbidity measurement was 0.10 NTU. The lowest monthly percentage of samples meeting the turbidity limits was 100 percent.

Opportunity for Input on Decisions Affecting Your Water Quality

The Neenah Water Commission meets at 4:30 p.m. on the third Monday of each month. The meetings are in the Council Chambers at City Hall, 211 Walnut Street, Neenah.



Additional Health Information

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

For More Information on Any Topic in This Report, Call the Numbers Listed Below:

- Plant Manager, Gary Gorges : 920-886-6196 E-mail: ggorges@ci.neenah.wi.us
- Water Quality, Treatment, Leaks and Main Breaks: 920-886-6190
- Billing Questions, Name Changes, and Final Readings: 920-886-6149
- Meter Change Appointments: 920-886-6180



Neenah Water Utility

211 Walnut St. PO Box 426 Neenah, WI 54957-0426

Office: (920) 886-6182 Cell: (920) 858-6300

Email: amach@ci.neenah.wi.us

Anthony L. Mach

Director of Neenah Water Utility

MEMORANDUM

DATE: March 15, 2023

TO: Waterworks Commission

FROM: Anthony L. Mach

RE: Award Bid for Sodium Hypochlorite for the 2nd Quarter 2023

The bids for Sodium Hypochlorite for the 2nd Quarter of 2023 are attached. The low bid has been highlighted.

Staff recommends awarding the Bid for Sodium Hypochlorite for the 2nd Quarter of 2023 to Hydrite Chemical Co. for \$0.225/lb.

Appleton Water Treatment Facility
Appleton Wastewater Treatment Plant
Neenah Water Utility
Menasha Water Utility

2023 Joint Chemical Consortium Quotation Tabulations - SODIUM HYPOCHLORITE ONLY QUARTER 2

Vendor	Are all conditions, requirements & specs met?	Insurance Certificate	SDS	NSF/ANSI Std 60 Cert.	Sodium Hypochlorite 12.5% (lbs)	NOTES, Comments
AWTF 2023 Original Quote / Vendor					\$0.225 Hydrite	
AWWTP 2023 Original Quote / Vendor					\$0.225 Hydrite	
NWU 2023 Original Quote / Vendor					\$0.225 Hydrite	
MWU 2023 Original Quote / Vendor					\$0.225 Hydrite	
Alexander Chemical						Appleton -3,000 gallons Neenah - 4,700 gallons Menasha - 4,000 gallons
AWTF					\$0.262	
AWWTP					\$0.262	
NWU					\$0.229	
MWU					\$0.239	
Aqua Pure						No response.
AWTF						
AWWTP						
NWU						
MWU						
Hydrite Chemical						3,000 Gallon Minimum Order Quantity or Greater 5 day lead time
AWTF					\$0.225	
AWWTP					\$0.225	
NWU					\$0.225	
MWU					\$0.225	
Milport						
AWTF					\$0.244	
AWWTP					\$0.244	
NWU					\$0.244	
MWU					\$0.244	

Director's Report
March 20, 2023

1. Water Loss Report.
2. Staff would like to welcome Mr. Paul Patton as the new Filtration Plant Mechanical Technician. Paul was previously a Distribution Tech I. The vacant position is being advertised and staff are planning for interviews soon.
3. The following items were approved at the March 9, 2023 Board of Public Works meeting:
 - Award Contract 3-23, Concrete Pavement and Sidewalk Repair to Al Dix Concrete, Inc., Kaukauna, WI in the amount of \$561,275.00. The estimated portion of this work attributable to the Water Utility is \$92,268.14.
 - Award Contract 4-23, HMA Pavement Repair to MCC, Inc., Appleton, WI in the amount of \$71,119.00. The estimated portion of this work attributable to the Water Utility is \$67,211.11.
 - Award Contract 6-23, Street, Sanitary & Storm Sewer, and Water Main Construction on Columbian Avenue, to Don Hietpas Inc., Little Chute, WI in the amount of \$781,639.60. The estimated portion of this work attributable to the Water Utility is \$192,422.00.
 - Pay Request No. 2 Contract 11A-22 Water Service Replacement Reddin Avenue and Zemlock Avenue to Don Hietpas & Sons, Little Chute, WI in the amount of \$11,456.25. There was no Water Utility work on this pay request.
4. Solar installation update.
5. Private lead service line replacement funding and project update.
6. The next regular Waterworks Commission meeting is scheduled for April 17, 2023.

**NEENAH WATER UTILITY
PRODUCTION/UNBILLED WATER REPORT**

**THREE MONTH TOTALS
(1000 GALLONS)**

USAGE PERIOD	RAW WATER	FINISHED WATER	BILLED WATER	WATER LOSS ACCOUNTED	WATER LOSS UNACCOUNTED	% WATER LOSS UNACCOUNTED
CURRENT THREE MONTHS (November, December, January)	289,430	278,880	224,034	22,081	32,765	11.75%
MOST RECENT THREE MONTHS (October, November, December)	291,260	280,410	228,033	26,260	26,117	9.31%
1 YEAR AGO (November, December, January)	307,090	298,000	223,011	67,055	7,934	2.66%

NOTES:

Raw water is the total amount of raw water withdrawn from Lake Winnebago / Fox River during the indicated period.

Finished water is the total amount of water entering the distribution system during the indicated period

Billed water is the total usage during the indicated period.

Water loss accounted includes internal plant usage, estimated loss from known main breaks and service leaks, and hydrant flushing.

Water loss unaccounted is calculated by subtracting the billed water and water loss accounted from the finished water.

**DAILY AVERAGE
(MGD)**

USAGE PERIOD	RAW WATER	FINISHED WATER
Jan, 2023	3.18	3.06
Dec, 2022	3.13	3.01
Jan, 2022	3.74	3.60

City of Neenah
Contract 3-23
Concrete Pavement and Sidewalk Repair

Line Item	Item Code	Item Description	UofM	Quantity	Engineer Estimate		Al Dix Concrete Inc		Jim Fischer, Inc.		Sommers Construction Co., Inc.	
					Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
1	404.4.4	Concrete Sidewalk / Driveway Apron Removal	Sq. Ft.	18500	\$2.00	\$37,000.00	\$2.00	\$37,000.00	\$2.25	\$41,625.00	\$2.00	\$37,000.00
2	403.2.5.2	Concrete Curb and Gutter Removal	Lin. Ft.	500	\$5.00	\$2,500.00	\$5.00	\$2,500.00	\$7.00	\$3,500.00	\$7.15	\$3,575.00
3	404.4.1	Furnish and Install 4-inch Concrete Sidewalk Repair	Sq. Ft.	7000	\$7.00	\$49,000.00	\$7.75	\$54,250.00	\$8.00	\$56,000.00	\$9.90	\$69,300.00
4	9999	Furnish and Install 5-inch Concrete Trail	Sq. Ft.	6000	\$7.00	\$42,000.00	\$8.00	\$48,000.00	\$8.50	\$51,000.00	\$10.85	\$65,100.00
5	404.4.2	Furnish and Install 6-inch Concrete Sidewalk/Driveway Apron Repair	Sq. Ft.	5500	\$8.00	\$44,000.00	\$8.25	\$45,375.00	\$9.00	\$49,500.00	\$11.65	\$64,075.00
6	403.2.1.1	Furnish and Install Concrete Curb & Gutter	Lin. Ft.	500	\$50.00	\$25,000.00	\$80.00	\$40,000.00	\$50.00	\$25,000.00	\$77.00	\$38,500.00
7	402.1.6.7	8" Concrete Pavement Repair	Sq. Yd.	1300	\$80.00	\$104,000.00	\$90.00	\$117,000.00	\$99.00	\$128,700.00	\$92.45	\$120,185.00
8	402.1.6.8	8" Concrete Pavement Repair HES (7 bag)	Sq. Yd.	50	\$85.00	\$4,250.00	\$95.00	\$4,750.00	\$108.00	\$5,400.00	\$97.15	\$4,857.50
9	402.1.6.9	8" Concrete Pavement Repair HES (9 bag)	Sq. Yd.	50	\$95.00	\$4,750.00	\$110.00	\$5,500.00	\$120.00	\$6,000.00	\$102.00	\$5,100.00
10	402.1.6.7	9" Concrete Pavement Repair	Sq. Yd	500	\$90.00	\$45,000.00	\$95.00	\$47,500.00	\$103.50	\$51,750.00	\$99.00	\$49,500.00
11	402.1.6.8	9" Concrete Pavement Repair HES (7 bag)	Sq. Yd.	50	\$100.00	\$5,000.00	\$100.00	\$5,000.00	\$117.00	\$5,850.00	\$104.00	\$5,200.00

Contract 3-23
Concrete Pavement and Sidewalk Repair

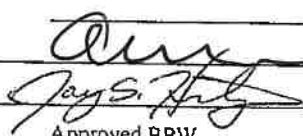
Line Item	Item Code	Item Description	UofM	Quantity	Engineer Estimate		Al Dix Concrete Inc		Jim Fischer, Inc.		Sommers Construction Co., Inc.	
					Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
12	402.1.6.9	9" Concrete Pavement Repair HES (9 bag)	Sq. Yd.	50	\$110.00	\$5,500.00	\$120.00	\$6,000.00	\$125.00	\$6,250.00	\$109.00	\$5,450.00
13	405.3	Full Depth Saw Cut (concrete pavement)	Lin. Ft.	5000	\$3.00	\$15,000.00	\$3.00	\$15,000.00	\$4.00	\$20,000.00	\$2.50	\$12,500.00
14	402.1.5.3	Furnish and Install 1/2-inch rods	Lin. Ft.	1200	\$1.50	\$1,800.00	\$3.00	\$3,600.00	\$8.00	\$9,600.00	\$1.50	\$1,800.00
15	402.1.5.4	Furnish and Install Drilled Tie Bars	Each	1500	\$10.00	\$15,000.00	\$10.00	\$15,000.00	\$9.00	\$13,500.00	\$8.65	\$12,975.00
16	402.1.5.5	Furnish and Install Drilled Dowel Bars	Each	2500	\$15.00	\$37,500.00	\$15.00	\$37,500.00	\$15.00	\$37,500.00	\$15.50	\$38,750.00
17	402.1.7.3	Furnish and Install Cross Stitch	Each	100	\$30.00	\$3,000.00	\$100.00	\$10,000.00	\$35.00	\$3,500.00	\$55.00	\$5,500.00
18	105.2	Adjust Sewer Manhole	Each	25	\$500.00	\$12,500.00	\$500.00	\$12,500.00	\$500.00	\$12,500.00	\$685.00	\$17,125.00
19	305.8	Adjust Storm Catch Basin	Each	50	\$400.00	\$20,000.00	\$500.00	\$25,000.00	\$400.00	\$20,000.00	\$585.00	\$29,250.00
20	9999	Install Detectable Warning Field (Supplied by City)	Each	20	\$60.00	\$1,200.00	\$75.00	\$1,500.00	\$50.00	\$1,000.00	\$100.00	\$2,000.00
21	402.2.3.2	Route, Clean, and Seal existing concrete crack/joint	Lin. Ft.	600	\$5.00	\$3,000.00	\$3.00	\$1,800.00	\$5.50	\$3,300.00	\$5.00	\$3,000.00
22	505.1	Furnish & Install Terracing, Fertilize, Seed & Hydromulch	Sq. Yd.	100	\$12.00	\$1,200.00	\$15.00	\$1,500.00	\$12.00	\$1,200.00	\$18.80	\$1,880.00
23	706.1	Install and Maintain Traffic Control	Lump Sum	1	\$50,000.00	\$50,000.00	\$25,000.00	\$25,000.00	\$15,000.00	\$15,000.00	\$22,500.00	\$22,500.00
Total Base Bid						\$528,200.00		\$561,275.00		\$567,675.00		\$615,122.50

Contract 6-23
Street, Sanitary & Storm Sewer, and Water Main Construction
Columbian Avenue

Line Item	Item Code	Item Description	UofM	QTY	Engineer Estimate		Don Hietpas and Sons Inc.		Kruczek Construction Inc.		Carl Bowers & Sons Const Co. Inc		Robert Immel Excavating		David Tenor Corporation		Advance Construction Inc.		Jossart Brothers, Inc.		DE GROOT, INC.	
					Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
Base Bid Sanitary																						
1	101.3	Furnish and Relay 8-inch PVC Sanitary Sewer	Lin. Ft.	260	\$90.00	\$23,400.00	\$99.00	\$25,740.00	\$94.75	\$24,635.00	\$101.00	\$26,260.00	\$96.25	\$25,025.00	\$104.00	\$27,040.00	\$136.00	\$35,360.00	\$112.00	\$29,120.00	\$114.35	\$29,731.00
2	101.4	Furnish and Relay 12-inch PVC Sanitary Sewer	Lin. Ft.	30	\$110.00	\$3,300.00	\$148.25	\$4,447.50	\$147.45	\$4,423.50	\$120.00	\$3,600.00	\$175.00	\$5,250.00	\$122.00	\$3,660.00	\$167.00	\$5,010.00	\$160.00	\$4,800.00	\$185.68	\$5,570.40
3	101.4	Furnish and Relay 18-inch PVC Sanitary Sewer	Lin. Ft.	730	\$125.00	\$91,250.00	\$173.65	\$126,764.50	\$155.00	\$113,150.00	\$182.00	\$132,860.00	\$172.00	\$125,560.00	\$151.00	\$110,230.00	\$191.00	\$139,430.00	\$185.00	\$135,050.00	\$222.14	\$162,162.20
4	102.3	Furnish and Relay 6 inch Sanitary Lateral in ROW	Lin. Ft.	600	\$100.00	\$60,000.00	\$93.00	\$55,800.00	\$99.25	\$59,550.00	\$101.00	\$60,600.00	\$90.35	\$54,210.00	\$107.00	\$64,200.00	\$124.00	\$74,400.00	\$134.00	\$80,400.00	\$108.91	\$65,346.00
5	102.4	Furnish and Relay 6 inch Sanitary Lateral ROW to House	Lin. Ft.	50	\$70.00	\$3,500.00	\$50.00	\$2,500.00	\$67.50	\$3,375.00	\$60.00	\$3,000.00	\$60.00	\$3,000.00	\$45.00	\$2,250.00	\$87.00	\$4,350.00	\$100.00	\$5,000.00	\$95.95	\$4,797.50
6	102.6	Reconnect Lateral to Main	Each	1	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$300.00	\$300.00	\$600.00	\$600.00	\$800.00	\$800.00	\$450.00	\$450.00	\$1,000.00	\$1,000.00	\$300.00	\$300.00	\$2,020.00	\$2,020.00
7	103.1	Furnish and Pipeburst 4-inch Sanitary Lateral	Lin. Ft.	700	\$15.00	\$10,500.00	\$5.05	\$3,535.00	\$5.00	\$3,500.00	\$5.00	\$3,500.00	\$5.25	\$3,675.00	\$5.15	\$3,605.00	\$5.00	\$3,500.00	\$5.25	\$3,675.00	\$5.25	\$3,675.00
8	103.2	Furnish and Pipeburst 6-inch Sanitary Lateral	Lin. Ft.	35	\$30.00	\$1,050.00	\$20.20	\$707.00	\$20.00	\$700.00	\$20.00	\$700.00	\$21.00	\$735.00	\$20.60	\$721.00	\$20.00	\$700.00	\$21.00	\$735.00	\$21.21	\$742.35
9	103.3	Reconnect Sanitary Lateral at Foundation - Pipeburst	Each	2	\$1,500.00	\$3,000.00	\$2,020.00	\$4,040.00	\$2,000.00	\$4,000.00	\$2,000.00	\$4,000.00	\$2,100.00	\$4,200.00	\$2,060.00	\$4,120.00	\$2,000.00	\$4,000.00	\$2,100.00	\$4,200.00	\$2,121.00	\$4,242.00
10	103.4	Reconnect Under Basement Floor - Pipeburst	Each	20	\$3,000.00	\$60,000.00	\$2,525.00	\$50,500.00	\$2,500.00	\$50,000.00	\$2,500.00	\$50,000.00	\$2,625.00	\$52,500.00	\$2,575.00	\$51,500.00	\$2,500.00	\$50,000.00	\$2,625.00	\$52,500.00	\$2,651.25	\$53,025.00
11	103.5	Extra Hole - Pipeburst	Each	1	\$500.00	\$500.00	\$505.00	\$505.00	\$500.00	\$500.00	\$500.00	\$500.00	\$525.00	\$525.00	\$515.00	\$515.00	\$500.00	\$500.00	\$525.00	\$525.00	\$530.25	\$530.25
12	104.1	Furnish and Install Standard Manhole	Ver. Ft.	22.5	\$475.00	\$10,687.50	\$580.00	\$13,050.00	\$531.00	\$11,947.50	\$450.00	\$10,125.00	\$565.00	\$12,712.50	\$478.00	\$10,755.00	\$492.00	\$11,070.00	\$525.00	\$11,812.50	\$638.37	\$14,363.33
13	105.2	Adjust Sanitary Manhole	Each	2	\$600.00	\$1,200.00	\$800.00	\$1,600.00	\$550.00	\$1,100.00	\$500.00	\$1,000.00	\$1,100.00	\$2,200.00	\$450.00	\$900.00	\$500.00	\$1,000.00	\$500.00	\$1,000.00	\$757.50	\$1,515.00
14	105.6	Remove Sanitary Manhole	Each	2	\$500.00	\$1,000.00	\$400.00	\$800.00	\$225.00	\$450.00	\$500.00	\$1,000.00	\$1,000.00	\$2,000.00	\$275.00	\$550.00	\$500.00	\$1,000.00	\$500.00	\$1,000.00	\$606.00	\$1,212.00
15	106.1	Clean and Televisew Sewer (Sanitary only)	Lump Sum	1	\$10,000.00	\$10,000.00	\$2,465.00	\$2,465.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,100.00	\$2,100.00	\$2,500.00	\$2,500.00	\$2,440.00	\$2,440.00	\$1,600.00	\$1,600.00	\$2,020.00	\$2,020.00
Total Sanitary Bid																						
						\$280,387.50		\$292,954.00		\$280,131.00		\$300,245.00		\$294,492.50		\$282,996.00		\$333,760.00		\$331,717.50		\$350,952.03
Base Bid Water																						
17	201.1.1	Furnish & Install 6-inch PVC C-900 Main	Lin. Ft.	40	\$80.00	\$3,200.00	\$150.00	\$6,000.00	\$200.00	\$8,000.00	\$161.00	\$6,440.00	\$195.00	\$7,800.00	\$205.00	\$8,200.00	\$257.50	\$10,300.00	\$109.00	\$4,360.00	\$162.41	\$6,496.40
18	201.1.2	Furnish & Install 8-inch PVC C-900 Main	Lin. Ft.	1000	\$85.00	\$85,000.00	\$90.00	\$90,000.00	\$87.50	\$87,500.00	\$108.00	\$108,000.00	\$88.85	\$88,850.00	\$102.00	\$102,000.00	\$105.00	\$105,000.00	\$119.00	\$119,000.00	\$118.17	\$118,170.00
19	202.1.2	Furnish & Install 1.25-inch PE Water Service in ROW by Trenching	Lin. Ft.	550	\$65.00	\$35,750.00	\$60.00	\$33,000.00	\$63.50	\$34,925.00	\$60.00	\$33,000.00	\$70.00	\$38,500.00	\$83.00	\$45,650.00	\$32.00	\$17,600.00	\$83.00	\$45,650.00	\$69.87	\$38,428.50
20	202.2.2	Furnish & Install 1.25-inch PE Water Service in ROW by Pulling	Lin. Ft.	25	\$60.00	\$1,500.00	\$50.00	\$1,250.00	\$63.50	\$1,587.50	\$30.00	\$750.00	\$75.00	\$1,875.00	\$65.00	\$1,625.00	\$30.00	\$750.00	\$31.50	\$787.50	\$75.75	\$1,893.75
21	202.3.2	Furnish & Install 1.25-inch PE Water Service in ROW by Drilling	Lin. Ft.	25	\$60.00	\$1,500.00	\$50.00	\$1,250.00	\$30.00	\$750.00	\$30.00	\$750.00	\$31.50	\$787.50	\$30.90	\$772.50	\$30.00	\$750.00	\$31.50	\$787.50	\$80.80	\$2,020.00
22	202.4.2	Furnish & Install 1.25-inch PE Water Service from ROW to Structure by Trenching	Lin. Ft.	35	\$50.00	\$1,750.00	\$50.00	\$1,750.00	\$43.75	\$1,531.25	\$30.00	\$1,050.00	\$50.00	\$1,750.00	\$58.00	\$2,030.00	\$32.00	\$1,120.00	\$60.00	\$2,100.00	\$90.14	\$3,154.90
23	202.5.2	Furnish & Install 1.25-inch PE Water Service from ROW to Structure by Pulling	Lin. Ft.	35	\$60.00	\$2,100.00	\$30.30	\$1,060.50	\$30.50	\$1,067.50	\$30.00	\$1,050.00	\$31.50	\$1,102.50	\$30.90	\$1,081.50	\$30.00	\$1,050.00	\$31.50	\$1,102.50	\$31.82	\$1,113.70
24	202.6.2	Furnish & Install 1.25-inch PE Water Service from ROW to Structure by Drilling	Lin. Ft.	35	\$60.00	\$2,100.00	\$30.30	\$1,060.50	\$30.50	\$1,067.50	\$30.00	\$1,050.00	\$31.50	\$1,102.50	\$30.90	\$1,081.50	\$30.00	\$1,050.00	\$31.50	\$1,102.50	\$50.50	\$1,767.50
25	202.7.1	Furnish & Install 1.25-inch PE Service from ROW to Structure by Pulling w/Sanitary Sewer Pipeburst	Lin. Ft.	500	\$10.00	\$5,000.00	\$5.05	\$2,525.00	\$5.00	\$2,500.00	\$5.00	\$2,500.00	\$5.25	\$2,625.00	\$5.15	\$2,575.00	\$5.00	\$2,500.00	\$5.25	\$2,625.00	\$5.30	\$2,650.00
26	202.8.1	Furnish & Install 1.25-inch PE Service from ROW to Structure by Excavation in same Trench as Sanitary Lateral	Lin. Ft.	35	\$35.00	\$1,225.00	\$10.00	\$350.00	\$43.75	\$1,531.25	\$30.00	\$1,050.00	\$15.00	\$525.00	\$29.00	\$1,015.00	\$22.00	\$770.00	\$15.00	\$525.00	\$35.35	\$1,237.25
27	202.9.2	Furnish & Install 1.25-inch Service Brass Set	Each	19	\$700.00	\$13,300.00	\$515.00	\$9,785.00	\$650.00	\$12,350.00	\$650.00	\$12,350.00	\$625.00	\$11,875.00	\$628.00	\$11,932.00	\$853.00	\$16,207.00	\$650.00	\$12,350.00	\$1,265.27	\$24,040.13
28	203.1.1	Furnish & Install Cathodic Protection to Water Service	Each	2	\$200.00	\$400.00	\$118.00	\$236.00	\$82.00	\$164.00	\$120.00	\$240.00	\$175.00	\$350.00	\$125.00	\$250.00	\$88.00	\$176.00	\$100.00	\$200.00	\$151.50	\$303.00
29	203.1.3	Water Service Connection to Structure	Each	19	\$750.00	\$14,250.00	\$505.00	\$9,595.00	\$500.00	\$9,500.00	\$500.00	\$9,500.00	\$525.00	\$9,975.00	\$515.00	\$9,785.00	\$500.00	\$9,500.00	\$525.00	\$9,975.00	\$530.25	\$10,074.75
30	203.1.4	Water																				

Contract 6-23
Street, Sanitary & Storm Sewer, and Water Main Construction
Columbian Avenue

Item		Engineer Estimate				Don Hietpas and Sons Inc.		Kruczek Construction Inc.		Carl Bowers & Sons Const Co. Inc		Robert Immel Excavating		David Tenor Corporation		Advance Construction Inc.		Jossart Brothers, Inc.		DE GROOT, INC.		
Item	Code	Item Description	UofM	QTY	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
57	402.1.4.11	Furnish and Install Geogrid	Sq. Yd.	3800	\$2.50	\$9,500.00	\$1.80	\$6,840.00	\$1.80	\$6,840.00	\$1.50	\$5,700.00	\$1.87	\$7,106.00	\$1.78	\$6,764.00	\$2.14	\$8,132.00	\$1.83	\$6,954.00	\$1.89	\$7,182.00
58	401.1.1	Furnish and Install Crushed Aggregate Base	Ton	3050	\$13.00	\$39,650.00	\$13.95	\$42,547.50	\$14.00	\$42,700.00	\$12.60	\$38,430.00	\$14.50	\$44,225.00	\$16.32	\$49,776.00	\$13.60	\$41,480.00	\$16.80	\$51,240.00	\$14.71	\$44,865.50
59	403.2.1.1	Furnish and Install Concrete Curb & Gutter	Lin. Ft.	1850	\$17.00	\$31,450.00	\$15.23	\$28,175.50	\$21.40	\$39,590.00	\$15.23	\$28,175.50	\$16.00	\$29,600.00	\$15.53	\$28,730.50	\$17.23	\$31,875.50	\$16.00	\$29,600.00	\$20.04	\$37,074.00
60	404.1.1	Furnish and Install 4" Concrete Sidewalk	Sq. Ft.	2500	\$7.00	\$17,500.00	\$9.90	\$24,750.00	\$7.60	\$19,000.00	\$7.80	\$19,500.00	\$8.80	\$22,000.00	\$9.49	\$23,725.00	\$7.95	\$19,875.00	\$9.76	\$24,400.00	\$10.45	\$26,125.00
61	404.3.2	Furnish and Install 6-inch Concrete Sidewalk/Driveway	Sq. Ft.	3000	\$8.00	\$24,000.00	\$10.45	\$31,350.00	\$8.50	\$25,500.00	\$8.50	\$25,500.00	\$9.25	\$27,750.00	\$9.89	\$29,670.00	\$8.50	\$25,500.00	\$10.18	\$30,540.00	\$11.03	\$33,090.00
62	402.1.5.3	Furnish and Install 1/2-inch rods	Lin. Ft.	150	\$1.50	\$225.00	\$3.00	\$450.00	\$5.00	\$750.00	\$3.00	\$450.00	\$3.15	\$472.50	\$3.06	\$459.00	\$3.00	\$450.00	\$3.15	\$472.50	\$3.15	\$472.50
63	706.2	Install Detectable Warning Fields (supplied by City)	Each	14	\$55.00	\$770.00	\$50.00	\$700.00	\$125.00	\$1,750.00	\$50.00	\$700.00	\$52.50	\$735.00	\$51.00	\$714.00	\$50.00	\$700.00	\$52.50	\$735.00	\$52.52	\$735.28
64	402.2.3.1	Furnish and Install HMA Pavement (4-inch)	Ton	650	\$77.00	\$50,050.00	\$84.23	\$54,749.50	\$87.50	\$56,875.00	\$83.40	\$54,210.00	\$87.55	\$56,907.50	\$88.58	\$57,577.00	\$86.00	\$55,900.00	\$87.57	\$56,920.50	\$88.23	\$57,349.50
65	505.1	Furnish & Install Terracing, Fertilize, Seed & Hydromulch	Sq. Yd.	2000	\$10.00	\$20,000.00	\$7.83	\$15,660.00	\$8.00	\$16,000.00	\$8.00	\$16,000.00	\$9.85	\$19,700.00	\$7.75	\$15,500.00	\$9.45	\$18,900.00	\$8.00	\$16,000.00	\$14.02	\$28,040.00
66	706.1	Install and Maintain Traffic Control	Lump Sum	1	\$30,000.00	\$30,000.00	\$2,525.00	\$2,525.00	\$18,500.00	\$18,500.00	\$2,500.00	\$2,500.00	\$2,625.00	\$2,625.00	\$2,900.00	\$2,900.00	\$13,200.00	\$13,200.00	\$25,000.00	\$25,000.00	\$6,868.00	\$6,868.00
Total Street HMA Bid						\$285,820.00		\$239,944.00		\$259,392.50		\$230,684.00		\$245,798.00		\$254,093.50		\$286,292.50		\$285,232.50		\$282,796.78
Base Bid Total:						\$835,242.50		\$781,639.60		\$789,789.89		\$799,064.00		\$801,305.75		\$817,436.70		\$884,113.10		\$925,204.00		\$959,994.20
Alternate Bid-Concrete																						
69	402.1.6.11	Remove Existing Pavement and Maintain Utility Trench	Lin. Ft.	3100	\$2.00	\$6,200.00	\$1.00	\$3,100.00	\$1.00	\$3,100.00	\$0.01	\$31.00	\$1.50	\$4,650.00	\$0.75	\$2,325.00	\$1.05	\$3,255.00	\$2.00	\$6,200.00	\$3.03	\$9,393.00
70	405.1	Sawcut Existing Bituminous Pavement	Lin. Ft.	250	\$2.00	\$500.00	\$2.25	\$562.50	\$2.25	\$562.50	\$2.25	\$562.50	\$4.00	\$1,000.00	\$1.53	\$382.50	\$3.00	\$750.00	\$2.50	\$625.00	\$3.03	\$757.50
71	402.2.6.1	Remove Existing Bituminous Pavement	Sq. Yd.	3600	\$2.00	\$7,200.00	\$0.01	\$36.00	\$1.30	\$4,680.00	\$1.00	\$3,600.00	\$0.01	\$36.00	\$0.71	\$2,556.00	\$0.01	\$36.00	\$0.01	\$36.00	\$1.01	\$3,636.00
72	403.2.5.1	Remove Concrete Curb and Gutter	Lin. Ft.	1850	\$3.00	\$5,550.00	\$0.01	\$18.50	\$1.50	\$2,775.00	\$2.50	\$4,625.00	\$0.01	\$18.50	\$2.09	\$3,866.50	\$0.01	\$18.50	\$0.01	\$18.50	\$1.01	\$1,868.50
73	404.4.4	Concrete Sidewalk / Driveway Apron Removal	Sq. Ft.	5500	\$1.75	\$9,625.00	\$2.50	\$13,750.00	\$0.50	\$2,750.00	\$1.00	\$5,500.00	\$2.62	\$14,410.00	\$0.36	\$1,980.00	\$2.50	\$13,750.00	\$2.62	\$14,410.00	\$2.66	\$14,630.00
74	402.1.7.4	Unclassified Excavation	Cu. Yd.	1800	\$14.00	\$25,200.00	\$18.43	\$33,174.00	\$7.20	\$12,960.00	\$10.50	\$18,900.00	\$19.35	\$34,830.00	\$13.41	\$24,138.00	\$18.43	\$33,174.00	\$19.35	\$34,830.00	\$25.16	\$45,288.00
75	402.1.4.11	Furnish and Install Geogrid	Sq. Yd.	3800	\$2.50	\$9,500.00	\$2.25	\$8,550.00	\$1.80	\$6,840.00	\$1.50	\$5,700.00	\$2.36	\$8,968.00	\$1.78	\$6,764.00	\$2.25	\$8,550.00	\$2.36	\$8,968.00	\$2.38	\$9,044.00
76	401.1.1	Furnish and Install Crushed Aggregate Base	Ton	1850	\$13.00	\$24,050.00	\$12.10	\$22,385.00	\$14.00	\$25,900.00	\$12.60	\$23,310.00	\$12.70	\$23,495.00	\$16.32	\$30,192.00	\$12.10	\$22,385.00	\$12.70	\$23,495.00	\$12.84	\$23,754.00
77	402.1.1.4	Concrete Pavement 7-Inch	Sq. Yd.	3150	\$42.00	\$132,300.00	\$50.20	\$158,130.00	\$64.75	\$203,962.50	\$55.00	\$173,250.00	\$62.70	\$197,505.00	\$51.70	\$162,855.00	\$50.20	\$158,130.00	\$52.71	\$166,036.50	\$60.06	\$189,189.00
78	403.2.1.1	Furnish and Install Concrete Curb & Gutter	Lin. Ft.	140	\$50.00	\$7,000.00	\$48.00	\$6,720.00	\$66.00	\$9,240.00	\$85.00	\$11,900.00	\$50.40	\$7,056.00	\$49.44	\$6,921.60	\$48.00	\$6,720.00	\$50.40	\$7,056.00	\$50.42	\$7,058.80
79	404.1.1	Furnish and Install 4" Concrete Sidewalk	Sq. Ft.	2500	\$7.00	\$17,500.00	\$6.50	\$16,250.00	\$7.65	\$19,125.00	\$7.80	\$19,500.00	\$6.82	\$17,050.00	\$8.59	\$21,475.00	\$6.50	\$16,250.00	\$6.82	\$17,050.00	\$6.83	\$17,075.00
80	404.3.2	Furnish and Install 6-inch Concrete Sidewalk/Driveway	Sq. Ft.	3000	\$8.00	\$24,000.00	\$7.00	\$21,000.00	\$8.50	\$25,500.00	\$8.50	\$25,500.00	\$7.35	\$22,050.00	\$8.94	\$26,820.00	\$7.00	\$21,000.00	\$7.35	\$22,050.00	\$7.35	\$22,050.00
81	402.1.5.3	Furnish and Install 1/2-inch rods	Lin. Ft.	25	\$1.50	\$37.50	\$2.00	\$50.00	\$5.00	\$125.00	\$5.00	\$125.00	\$2.10	\$52.50	\$2.06	\$51.50	\$2.00	\$50.00	\$2.10	\$52.50	\$2.10	\$52.50
82	706.2	Install Detectable Warning Fields (supplied by City)	Each	14	\$55.00	\$770.00	\$50.00	\$700.00	\$125.00	\$1,750.00	\$50.00	\$700.00	\$52.50	\$735.00	\$51.00	\$714.00	\$50.00	\$700.00	\$52.50	\$735.00	\$52.52	\$735.28
83	402.2.3.1	Furnish and Install HMA Pavement (4-inch)	Ton	150	\$175.00	\$26,250.00	\$169.68	\$25,452.00	\$122.00	\$18,300.00	\$170.00	\$25,500.00	\$173.00	\$25,950.00	\$123.60	\$18,540.00	\$120.00	\$18,000.00	\$126.00	\$18,900.00	\$127.26	\$19,089.00
84	505.1	Furnish & Install Terracing, Fertilize, Seed & Hydromulch	Sq. Yd.	2000	\$10.00	\$20,000.00	\$7.83	\$15,660.00	\$8.00	\$16,000.00	\$8.00	\$16,000.00	\$11.30	\$22,600.00	\$8.92	\$17,840.00	\$9.45	\$18,900.00	\$8.15	\$16,300.00	\$11.62	\$23,240.00
85	706.1	Install and Maintain Traffic Control	Lump Sum	1	\$30,000.00	\$30,000.00	\$32,525.00	\$32,525.00	\$18,500.00	\$18,500.00	\$2,500.00	\$2,500.00	\$2,625.00	\$2,625.00	\$2,900.00	\$2,900.00	\$43,200.00	\$43,200.00	\$35,000.00	\$35,000.00	\$6,565.00	\$6,565.00
Alternate Bid-Concrete Total:						\$345,682.50		\$358,063.00		\$372,070.00		\$337,203.50		\$383,031.00		\$330,321.10		\$364,868.50		\$371,762.50		\$393,425.58
Total Base Bid w/Alternative						\$895,105.00		\$899,758.60		\$902,467.39		\$905,583.50		\$938,538.75		\$893,664.30		\$962,689.10		\$1,011,734.00		#####

City of Neenah Department of Public Works Contractor Request for Payment					
Contractor Name: Donald Hietpas & Sons Inc			Contract No. 11A-22		
Address 1450 E North Avenue			Contract Amount \$469,949.70		
City Little Chute, WI 54140					
Name of Project		Water Service Replacement			
Location of Project		Reddin Avenue & Zemlock Avenue			
Pay Request No. 2		For Period		January 1, 2023 through February 6, 2023	
CONTRACT SUMMARY					
Original Contract Amount			\$469,949.70		
Net Amount of Change Order			\$0.00		
Adjusted Contract Amount			<u>\$469,949.70</u>		
WORK PERFORMED TO DATE					
Work Performed to Date			\$400,080.00		
Less Retainage of 5%. If different indicate here			2.5%		\$10,002.00
Net Amount Earned to Date			\$390,078.00		
Less Previous Payments			\$378,621.75		
BALANCE DUE THIS PAYMENT			<u>\$11,456.25</u>		
CONTRACT BREAKOUT					
	Account Numbers	Budget Total	Contract Breakdown	Due This Estimate	Paid to Date
Water Service Replacement	010-0000-117-8000	\$384,000.00	\$468,924.70	\$11,456.25	\$377,596.75
Water Service Replacement	400-0000-207-0492	\$4,400.00	\$1,025.00	\$0.00	\$1,025.00
		<u>\$388,400.00</u>	<u>\$469,949.70</u>	<u>\$11,456.25</u>	<u>\$378,621.75</u>
CERTIFICATION OF CONTRACTOR:					
I certify that the foregoing is just and correct and the amount claimed is legally due after showing all just credits					
Certified by Engineer			Date:		
Certified by Public Works			Date:		
Certified by Water Utility			Date: 2/16/2023		
Certified by Contractor			Date: 2-16-2023		
 Approved BPW			Date:		
Approved Common Council (Final Payments Only)			Date:		

Contract 11A-22
Reddin Avenue and Zemlock Avenue
Water Service Replacement

						Pay Request No.2				
Item Code	Item Description	UofM	Quantity	Unit Price	Extension	Quantity Completed This Pay Estimate	\$ Completed This Pay Estimate	2.5% Retainage Due	Due This Estimate	Due to Contractor to Date
201	Furnish & Install Service from ROW to House by Pulling W/Sanitary Sewer Pipeburst	Lin. Ft.	3,650	\$10.00	\$36,500.00	125	\$1,250.00	\$31.25	\$1,218.75	\$39,614.25
202	Furnish & Install Service from ROW to House by Pulling/Directional Boring	Lin. Ft.	100	\$40.00	\$4,000.00	0	\$0.00	\$0.00	\$0.00	\$0.00
203	Furnish and Install 1.25-Inch Service from ROW to House by Excavation	Lin. Ft.	50	\$60.00	\$3,000.00	0	\$0.00	\$0.00	\$0.00	\$0.00
204	Furnish and Install 1.25-Inch Service from PE Water Service from Main to ROW	Lin. Ft.	50	\$75.00	\$3,750.00	0	\$0.00	\$0.00	\$0.00	\$365.63
205	Furnish and Install 1.25-Inch Service Brass Set	Each	1	\$650.00	\$650.00	0	\$0.00	\$0.00	\$0.00	\$633.75
206	Furnish and Install Cathodic Protection to Water Service	Each	84	\$125.00	\$10,500.00	0	\$0.00	\$0.00	\$0.00	\$11,334.38
207	Water Service Connection to Structure Including Concrete Repair and Regrounding	Each	84	\$3,500.00	\$294,000.00	3	\$10,500.00	\$262.50	\$10,237.50	\$331,012.50
208	Water Service Extra Hole (Curb Stop Connection)	Each	12	\$0.00	\$0.00	0	\$0.00	\$0.00	\$0.00	\$0.00
209	Remove Footing	Vert. Ft.	12	\$400.00	\$4,800.00	0	\$0.00	\$0.00	\$0.00	\$4,680.00
210	Furnish and Install 30-Inch Concrete Curb and Gutter (Repair)	Lin. Ft.	0	\$165.00	\$0.00	0	\$0.00	\$0.00	\$0.00	\$0.00
211	Furnish and Install 4-Inch Concrete Sidewalk Repair	Sq. Ft.	4,600	\$16.41	\$75,486.00	0	\$0.00	\$0.00	\$0.00	\$0.00
212	Furnish and Install 6-Inch Concrete Sidewalk/Driveway Apron Repair	Sq. Ft.	250	\$18.45	\$4,612.50	0	\$0.00	\$0.00	\$0.00	\$0.00
213	Furnish and Install HMA Pavement	Sq. Ft.	300	\$40.00	\$12,000.00	0	\$0.00	\$0.00	\$0.00	\$0.00
214	Furnish and Install Drilled Tie Bars	Each	120	\$26.26	\$3,151.20	0	\$0.00	\$0.00	\$0.00	\$0.00
221	Terracing, Seed, Mulch, Fertilizing	Sq. Yd.	1,000	\$12.00	\$12,000.00	0	\$0.00	\$0.00	\$0.00	\$0.00
222	Furnish, Install & Maintain Traffic Control	Lump Sum	1	\$2,500.00	\$2,500.00	0	\$0.00	\$0.00	\$0.00	\$2,437.50
223	Furnish, Install & Maintain Inlet Protection	Each	24	\$125.00	\$3,000.00	0	\$0.00	\$0.00	\$0.00	\$0.00
	TOTAL Water				\$469,949.70		\$11,750.00	\$293.75	\$11,456.25	\$390,078.00

Neenah Water Utility - Industrial Tower Solar Array

Full Months in Operation	Dates			Usage (kWh)			Solar Array Output (kWh)			Generation (kWh) [\$0.1324/kWh Usage + \$0.0425/kWh Excess Gen. - Meter Fees]		
	From	To	Days	In Reading	Out Reading	Usage	In Reading	Out Reading	Generation	Net Usage (Generation)	Estimated Net Savings + Surplus	
	12/13/2021	12/22/2021	8	65710	66027	317	0	111	111	206	\$ 14.19	
1	12/22/2021	1/24/2022	33	66027	67607	1580	111	730	619	961	\$ 79.83	
2	1/24/2022	2/23/2022	30	67607	69322	1715	730	1427	697	1018	\$ 90.32	
3	2/23/2022	3/24/2022	29	69322	70886	1564	1427	2424	997	567	\$ 130.02	
4	3/24/2022	4/23/2022	30	70886	72295	1409	2424	3328	904	505	\$ 117.67	
5	4/23/2022	5/24/2022	31	72295	73281	986	3328	4576	1248	(262)	\$ 139.57	
6	5/24/2022	6/24/2022	31	73281	73902	621	4576	5941	1365	(744)	\$ 111.80	
7	6/24/2022	7/23/2022	29	73902	74477	575	5941	7226	1285	(710)	\$ 104.39	
8	7/23/2022	8/23/2022	31	74477	75079	602	7226	8545	1319	(717)	\$ 108.14	
9	8/23/2022	9/22/2022	30	75079	75663	584	8545	9704	1159	(575)	\$ 99.79	
10	9/22/2022	10/22/2022	30	75663	75869	206	9704	10689	985	(779)	\$ 58.50	
11	10/22/2022	11/23/2022	32	75869	76854	985	10689	11506	817	168	\$ 106.05	
12	11/23/2022	12/23/2022	30	76854	78267	1413	11506	11877	371	1042	\$ 47.24	
13	12/23/2022	1/25/2023	33	78267	79918	1651	11877	12203	326	1325	\$ 41.11	
14	1/25/2023	2/22/2023	28	79918	81361	1443	12203	12924	721	722	\$ 93.61	
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Number of Full Months in Operation		14
Cost of System (Less Incentives)	\$	10,183.00
Projected Payback (Years)		8.85