



Common Council Chambers
8040 S. 6th Street
Oak Creek, WI 53154
(414) 766-7000

Robert Cigale
Kenneth Gehl
Chris Guzikowski
Dale Richards
Fredrick Siepert- Alternate
Rich Duchniak

BOARD OF PUBLIC WORKS AND CAPITAL ASSETS

August 9, 2022
9:00 A.M.

The City's Vision

Oak Creek: A dynamic regional leader, connected to our community, driving the future of the south shore.

1. Call Meeting to Order.
2. Roll Call.
3. Approval of Minutes – 07/12/22
4. **Informational:** Review of Common Council actions related to Public Works & Capital Assets.

GENERAL GOVERNMENT CAPITAL ASSETS

None

PUBLIC WORKS & UTILITIES

5. **Motion:** Consider a *motion* to enter into a contract with raSmith for the design of the W. Rawson Avenue water relay project and amend the 2022 capital budget in the amount not to exceed \$81,600.
6. **Motion:** Consider a *motion* to approve the Utility vouchers for payment in the amount of \$605,977.35.
7. **Informational:** Administrative and Operations reports.

TRAFFIC & SAFETY

None

Dated this 4th day of August, 2022

Public Notice

Upon reasonable notice, a good faith effort will be made to accommodate the needs of disabled individuals through sign language interpreters or other auxiliary aid at no cost to the individual to participate in public meetings. Due to the difficulty in finding interpreters, requests should be made as far in advance as possible preferably a minimum of 48 hours. For additional information or to request this service, contact the Oak Creek City Clerk at 414-766-7000, by fax at 414-766-7976, or by writing to 8040 S. 6th Street, Oak Creek, Wisconsin 53154.

It is possible that members of and possibly a quorum of members of other governmental bodies of the municipality may attend the above-stated meeting to gather information; no action will be taken by any governmental body at the above-stated meeting other than the governmental body specifically referred to above in this notice



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BOARD OF PUBLIC WORKS AND CAPITAL ASSETS

July 12, 2022
9:00 A.M.

The City's Vision

Oak Creek: A dynamic regional leader, connected to our community, driving the future of the south shore.

1. Call Meeting to Order.

Board Member Dale Richards called the meeting to order at 9:01 a.m.

2. Roll Call. All Board Members present with the exception of Alderman Guzikowski and Alderman Gehl.

Also present: City Administrator (CA) Andrew Vickers, Utility General Manager Michael Sullivan, Assistant City Engineer Ashley Kiepczynski, Design Engineer Andrew Ledger, and Management Assistant Carly Persson.

3. Approval of Minutes – 06/14/22

Board Member Siefert made a motion to approve the minutes of June 14, 2022. Board Member Cigale seconded. On roll call: all aye, Duchniak abstained. Motion carried.

4. **Informational:** Review of Common Council actions related to Public Works & Capital Assets.

Persson and CA Vickers reported that the Lakeshore Bluff Stabilization bid was awarded to Edgewater Resources.

GENERAL GOVERNMENT CAPITAL ASSETS

None

PUBLIC WORKS & UTILITIES

5. **Motion:** Consider a *motion* to approve the proposal from Asterra to provide staff for field acoustic leak detection and amend the 2022 capital budget in the amount of \$18,000.

General Manager Sullivan explained the previous equipment was ineffective and this is new technology in which the locator does the work. This is an opportunity to learn from Asterra with the recommendation to identify 50% of the points of interest. Asterra will use their own equipment including a set of microphones and a headset to see where there is a spike. They are currently developing a computer model of sound to find water main breaks. There are currently 104 leaks throughout the system. Green Bay is the only other municipality that numericizes the leaks. Currently, 8% of Oak Creek's mains have leaks and that number is trending upward as they age.

Board Member Siepert made a motion to approve the proposal from Asterra to provide staff for field acoustic leak detection and amend the 2022 capital budget in the amount of \$18,000. Alderman Duchniak seconded. On roll call: all voted aye. Motion carried.

6. **Motion:** Consider a *motion* to approve the final payment for the W. Rawson Avenue Hydrant Relocation project to Cornerstone One, LLC in the amount of \$37,781.09.

General Manager Sullivan reported the hydrant relocation project entails getting out of the County's way so they can do their work. This should be the final payment for the project.

Board Member Siepert made a motion to approve the final payment for the W. Rawson Avenue Hydrant Relocation project to Cornerstone One, LLC in the amount of \$37,781.09. Alderman Duchniak seconded. On roll call: all voted aye. Motion carried.

Board Member Richards asked for any concerns regarding the Baker Tilly Audit. General Manager Sullivan reported Oak Creek received a glowing review in each category, everything was good, no material deficiencies, and no disagreements with the auditors.

7. **Motion:** Consider a *motion* to approve the Utility vouchers for payment in the amount of \$537,897.45.

Board Member Siepert made a motion to approve the Utility vouchers for payment in the amount of \$537,897.45. Alderman Duchniak seconded. All aye, motion passes.

8. **Informational:** Administrative and Operations reports.

General Manager Sullivan reported that no investment report has been pulled since the Accounting Manager position was vacated. We Energies continues to be up, but not a lot on percent change on sales. A start date of September has been identified for the Susan Water Main Relay project. Forest Hill Manor is getting prepped for next year, though it will be difficult to get a pipe under there with the narrow American Avenue railroad crossing. Pipe bursting will likely be the best option. The Franklin radio tower has been identified for water tower monitoring. Franklin is supportive of getting this completed.

Sullivan noted that the Garden Place lift station is being used and its generator is very quiet. It served South Milwaukee for 2+ days. Utility is updating/tightening up protocols to ensure no contaminated water comes back to us if this happens in the future. All of South Milwaukee's pumps are new, but they had a malfunction with the drive system that took them all out. It is apparent that they need at least one or two standard pumps. The City will be charging South Milwaukee for the emergency service that was provided. We also have the capacity to feed Cudahy if needed.

Board Member Richards indicated that the CEMA Report is great reading materials for all Board Members.

Engineer Kiepczynski reported the work in Apple Creek is at full swing, looking to mill pavement off this week and the Honadel and park improvements are to be wrapped up within a month.

TRAFFIC & SAFETY

9. **Motion:** Consider a *motion* to accept the request to install “Deaf Child Area” signs on East Oak View Lane (3rd Aldermanic District).

Design Engineer Ledger reported that Engineering received a request from a resident on East Oak View Lane. Duchniak has not received any comments, okay with the two requested signs.

Alderman Duchniak made a motion to accept the request to install “Deaf Child Area” signs on East Oak View Lane (3rd Aldermanic District). Board Member Cigale seconded. All aye, motion passes.

Engineer Kiepczynski relayed a concern from DPW and the farmers market that when they close Clocktower place, cars often park overnight. Staff comes in at 6am and if car is parked there, it gets called in for a tow. Duchniak recommended to continue with signs that are currently out. CA Vickers explained the importance of balancing the needs of the farmer markets, residents, business owners. Maybe we need a more responsive tow company would suffice.

10. Adjournment.

Board Member Siepert made a motion to adjourn at 9:52 a.m; seconded by Board Member Cigale. All aye, motion carried.

Dated this 4th day of August, 2022

Public Notice

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STAFF REPORT

Item: raSmith design services contract for the W. Rawson Avenue water relay project

Recommendation: That the Board considers a motion to enter into a contract with raSmith for the design of the W. Rawson Avenue water relay project and amend the 2022 capital budget in the amount not to exceed \$81,600.

Fiscal Impact: This project was not budgeted with the 2022 Capital Improvement Project budget.

Critical Success Factor(s):

- Vibrant and Diverse Cultural Opportunities
- Thoughtful Development and Prosperous Economy
- Safe, Welcoming, and Engaged Community
- Inspired, Aligned, and Proactive City Leadership
- Financial Stability
- Quality Infrastructure, Amenities, and Services
- Not Applicable

Background: The Rawson Avenue Water Main Relay project consists of relaying the existing 1968 20-inch water main with an anticipated 20-inch ductile iron water main, approximately 1900 linear feet, reconnecting the existing water services at the proposed main, and replacing the existing mainline valves and hydrants between S. 10th and S. 6th Streets. The existing water main roughly follows the outside curb of the eastbound lanes of W. Rawson except where the main crosses under the Union Pacific Railroad overpass. Milwaukee County held the Operational Planning Meeting in May of this year announcing they are planning on reconstructing Rawson Avenue in 2025. They Utility recognizes that this main is a critical line in the system and there have been 11 breaks on this section of main over the years. The most recent was this spring on the east side of the RR overpass. The visual assessment of the pipe at the break showed signs of pitting and corrosion along the main. The water master plan recommends this line for replacement as well. We are looking to start the design this year to get the project out to bid as soon as possible. The current lead time for 20-inch ductile iron pipe is 50 weeks. We would expect construction to be in 2024 to be ahead of the County road project.

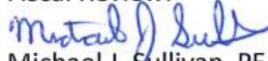
Options/Alternatives: The Board could choose not to award the design contract at this time.

Respectfully submitted:



Andrew J. Vickers, MPA
City Administrator

Fiscal Review:



Michael J. Sullivan, PE
General Manager

Prepared:



Brian L. Johnston, PE
Utility Engineer

Approved:



Michael J. Sullivan, PE
General Manager

Attachments:

ACCOUNTS PAYABLE SUMMARY

August 2022

Vendor	Description	Dollar Amount
Badger Meter	Meters	\$ 3,419.43
Baker Tilly	2021 Audit	10,550.00
Carbon Activated Corp.	Carbon	23,168.00
Cedar Corporation	5th & American Sanitary Sewer	3,280.92
CH2M	Water Treatment Plant PAC Silo	15,294.95
Chase Card Services	Charge Card Invoices	6,420.81
Chemtrade Chemicals US, LLC.	H1050 Coagulant	13,651.50
Civic Systems, LLC.	Software Support	5,682.00
Core & Main LP	Replacement Hydrant, Paving Adjustment Rings	7,662.50
Esri, Inc.	GIS Software License Renewal	10,000.00
Hydrite Chemical Co.	Chlorine for Plant	14,652.64
Kwik Trip Extended Network	Gas for Truck Fleet	3,689.36
Milwaukee Metropolitan Sewerage District	Metro Bills	372,602.59
Oak Creek Utility	Utility's Metro Bill	11,148.53
Quality Power Solutions, LLC.	Pre-Treatment Building UPS	4,056.01
R.A. Smith National	Howell Water Relay	2,493.00
Underwater Construction	Intake Inspection	3,910.00
USA Blue Book	ATP Testing Supplies, Lab Probes, Backflow Assembly	4,898.44
Wisconsin Electric Power Company	Electric/Gas Bills	61,953.70
Subtotal		<u>578,534.38</u>
Remaining Invoices		27,442.97
TOTAL OF ACCOUNTS PAYABLE INVOICES TO BE PAID		<u><u>\$ 605,977.35</u></u>

DATE: 08/01/22
TIME: 13:44:06
ID: AP441000.WOW

Oak Creek Water & Sewer Utility
DETAIL BOARD REPORT

INVOICES DUE ON/BEFORE 08/09/2022

INVOICE #	INVOICE DATE	INVOICE ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT
11250			BADGER METER MANUFACTURING					
1514111	07/14/22	01	METERS	080234600			07/14/22	3,419.43
							INVOICE TOTAL:	3,419.43
							VENDOR TOTAL:	3,419.43
11255			BADGER TOYOTA LIFT					
1S7941600	07/14/22	01	FORKLIFT SERVICE	082665202			07/14/22	1,238.91
							INVOICE TOTAL:	1,238.91
							VENDOR TOTAL:	1,238.91
11280			BAKER TILLY					
BT2132228	07/14/22	01	2021 AUDIT	083292302			07/14/22	7,385.00
		02		093285202				3,165.00
							INVOICE TOTAL:	10,550.00
							VENDOR TOTAL:	10,550.00
11640			CHASE CARD SERVICES					
2022-08-DA	07/29/22	01	ALLARD-SHOP SUPPLIES, OFFICE	082866202			07/29/22	17.94
		02	SUPPLIES, DUMP STATION, IT	082867702				407.80
		03	SUPPLIES	082867802				582.68
		04		083292102				369.24
		05		083693302				21.00
		06		090120107				409.98
		07		092882702				7.69
		08		093283402				249.72
		09		093285102				158.25
							INVOICE TOTAL:	2,224.30
2022-08-DN	07/28/22	01	NIEMI-PLANT PRINTER TONER,	082462602			07/28/22	166.69
		02	BUILDING ACCESS CARD READERS,	082664302				166.68
		03	CONFERENCE CAMERA, ADOBE-	083292102				816.19
		04	BUTLER, CHARGERS, WIRING	093285102				349.80

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11640			CHASE CARD SERVICES					
2022-08-DN	07/28/22	05	CONNECTORS, HDMI CABLES,	** COMMENT **			07/28/22	
		06	MOTION DETECTORS	** COMMENT **				1,499.36
							INVOICE TOTAL:	1,499.36
2022-08-MR	07/29/22	01	ROBE-GAS HEATER MOTOR BLOWER,	082462602			07/29/22	498.96
		02	ICE, WEED TRIMMER CAP,	082463302				276.80
		03	SHIPPING, ASCO VALVE, GLOVES,	082664202				43.54
		04	22ND ST LIGHTS, RAINSUIT,	082664302				265.62
		05	EXHAUST FAN	** COMMENT **				
							INVOICE TOTAL:	1,084.92
2022-08-MS	07/29/22	01	SULLIVAN-LOW LIFT MEZZANINE	082463302			07/29/22	94.74
		02	GATE SWITCH, AWWA UV MANUAL	082462602				49.50
		03		082664302				49.50
							INVOICE TOTAL:	193.74
2022-08-NB	07/28/22	01	BUTLER-PHONE/INTERNET CHARGES,	082260302			07/28/22	15.00
		02	GFOA CERTIFICATE OF	082462402				5.00
		03	ACHIEVEMENT AWARD APPLICATION	082462602				79.33
		04		082664302				89.33
		05		082866202				25.00
		06		082866222				7.20
		07		082866502				41.56
		08		083292102				436.50
		09		083293002				322.00
		10		083841622				14.38
		11		092882002				5.00
		12		092882022				7.20
		13		092882702				67.34
		14		093285102				165.65
		15		093285602				138.00
							INVOICE TOTAL:	1,418.49
							VENDOR TOTAL:	6,420.81

12252 BATTERIES PLUS LLC

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Oak Creek Water & Sewer Utility
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12252			BATTERIES PLUS LLC					
P52852375	07/14/22	01	BATTERIES-EMERGENCY LIGHTS	082665202			07/14/22	86.99
							INVOICE TOTAL:	86.99
							VENDOR TOTAL:	86.99
15300			BUELOW VETTER BUIKEMA OLSON &					
158	07/14/22	01	PROFESSIONAL SERVICES RENDERED	083292302			07/14/22	168.00
		02		093285202				42.00
							INVOICE TOTAL:	210.00
159	07/14/22	01	PROFESSIONAL SERVICES RENDERED	083292302			07/14/22	72.00
		02		093285202				18.00
							INVOICE TOTAL:	90.00
							VENDOR TOTAL:	300.00
16446			CARBON ACTIVATED CORPORATION					
53876	07/14/22	01	CARBON	082664102			07/14/22	23,168.00
							INVOICE TOTAL:	23,168.00
							VENDOR TOTAL:	23,168.00
16476			CEDAR CORPORATION					
111910	07/14/22	01	5TH & AMERICAN SANITARY SEWER	090122104			07/14/22	740.00
							INVOICE TOTAL:	740.00
112238	08/01/22	01	5TH & AMERICAN SANITARY SEWER	090122104			08/01/22	2,540.92
							INVOICE TOTAL:	2,540.92
							VENDOR TOTAL:	3,280.92
17640			CH2M					
460402CH028	07/14/22	01	WTP PAC SILO	080122105			07/14/22	15,294.95
							INVOICE TOTAL:	15,294.95
							VENDOR TOTAL:	15,294.95

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17730			THE CHARLES MACHINE WORKS, INC					
92948260	07/14/22	01	SEWER CAMERA REPAIR	092883212			07/14/22	282.09
							INVOICE TOTAL:	282.09
							VENDOR TOTAL:	282.09
17999			CHEMTRADE CHEMICALS US LLC					
93371834	07/14/22	01	H1050 COAGULANT-PLANT	080415400			07/14/22	13,651.50
							INVOICE TOTAL:	13,651.50
							VENDOR TOTAL:	13,651.50
20200			CIVIC SYSTEMS, LLC					
CVC22222	07/14/22	01	SUPPORT: JUL 1-DEC 31, 2022	083292302			07/14/22	3,977.40
		02		093285202				1,704.60
							INVOICE TOTAL:	5,682.00
							VENDOR TOTAL:	5,682.00
25645			CORE & MAIN LP					
R223828	07/28/22	01	REPLACEMENT HYDRANT	082867702			07/28/22	3,935.00
							INVOICE TOTAL:	3,935.00
R247312	07/28/22	01	PAVING ADJUSTMENT RINGS	082867302			07/28/22	3,727.50
							INVOICE TOTAL:	3,727.50
							VENDOR TOTAL:	7,662.50
30000			DIGGERS HOTLINE INC.					
220661601	07/14/22	01	DIGGERS HOTLINE TICKETS-JUNE	083841622			07/14/22	543.63
		02	EMAIL TICKETS 614 @ \$1.74	092882022				271.82
		03	PHONE TICKETS 7 @ \$2.70	082866222				271.81
							INVOICE TOTAL:	1,087.26
							VENDOR TOTAL:	1,087.26
35650			ESRI INC.					

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35650	ESRI INC.							
94282162	07/21/22	01	GIS SOFTWARE LICENSE RENEWAL	083292302			07/21/22	7,000.00
		02	9/25/22-9/24-23	093285202				3,000.00
								INVOICE TOTAL: 10,000.00
								VENDOR TOTAL: 10,000.00
38660	ELIZABETH RESIDENCE OAK CREEK							
2022-07	PMT IN ERROR 07/14/22	01	CUST REIMB-PAYMENT IN ERROR	082046110			07/14/22	41.33
								INVOICE TOTAL: 41.33
								VENDOR TOTAL: 41.33
42625	FERGUSON WATERWORKS #1476							
364251	08/01/22	01	HYDRANT CHECK VALVE	082867702			08/01/22	225.00
								INVOICE TOTAL: 225.00
								VENDOR TOTAL: 225.00
43075	FIRST SUPPLY LLC							
13283957-00	07/14/22	01	IRRIGATION SUPPLIES	083292102			07/14/22	209.85
		02		093285102				89.94
								INVOICE TOTAL: 299.79
13298305-00	07/21/22	01	HYDRANT INTERCONNECT	082867702			07/21/22	330.15
								INVOICE TOTAL: 330.15
13308874-00	07/28/22	01	BOILER REPAIR	082867802			07/28/22	245.53
		02		093283402				105.23
								INVOICE TOTAL: 350.76
								VENDOR TOTAL: 980.70
43135	FISHER SCIENTIFIC COMPANY							
3416672	07/14/22	01	LAB SUPPLIES	082664202			07/14/22	679.92
								INVOICE TOTAL: 679.92

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43135	FISHER SCIENTIFIC COMPANY							
4566498	07/21/22	01	PETRI DISHES	082664202			07/21/22	159.81
							INVOICE TOTAL:	159.81
							VENDOR TOTAL:	839.73
46912	GFL ENVIRONMENTAL							
U80000158907	07/28/22	01	PLANT DUMPSTER	083292302			07/28/22	188.48
							INVOICE TOTAL:	188.48
							VENDOR TOTAL:	188.48
55010	HYDRITE CHEMICAL CO.							
2597347	07/21/22	01	CHLORINE-PLANT USE	080415400			07/21/22	7,332.60
							INVOICE TOTAL:	7,332.60
2599754	08/01/22	01	CHLORINE-PLANT USE	080415400			08/01/22	7,320.04
							INVOICE TOTAL:	7,320.04
							VENDOR TOTAL:	14,652.64
55350	IDEXX DISTRIBUTION CORP.							
3110133337	07/14/22	01	LAB SUPPLIES	082664202			07/14/22	882.26
							INVOICE TOTAL:	882.26
							VENDOR TOTAL:	882.26
55440	INDELCO PLASTIC CORPORATION							
INV339173	07/21/22	01	PLASTIC INVENTORY	082462602			07/21/22	560.70
		02		082664302				560.69
							INVOICE TOTAL:	1,121.39
							VENDOR TOTAL:	1,121.39
56398	JFTCO INC.							
MK19797	07/14/22	01	PLANT GENERATOR SERVICE	082463202			07/14/22	812.21
							INVOICE TOTAL:	812.21

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56398	JFTCO INC.							
SIMK0037868	07/28/22	01	PLANT GENERATOR SERVICE	082463202			07/28/22	812.21
							INVOICE TOTAL:	812.21
							VENDOR TOTAL:	1,624.42
56561	JOHNSON SAND & GRAVEL INC.							
93392	07/28/22	01	SAND-WATER MAIN BREAK	082867302			07/28/22	691.53
							INVOICE TOTAL:	691.53
							VENDOR TOTAL:	691.53
56685	KAESTNER AUTO ELECTRIC							
413148	07/21/22	01	SHOVELS & RAKES	082866202			07/21/22	207.86
		02		092882702				89.08
							INVOICE TOTAL:	296.94
							VENDOR TOTAL:	296.94
56860	KELLER-HEARTT OIL							
412492-IN	07/14/22	01	EQUIPMENT OIL-PLT	082665202			07/14/22	757.52
							INVOICE TOTAL:	757.52
							VENDOR TOTAL:	757.52
58150	KWIK TRIP EXTENDED NETWORK							
NP62565203	07/29/22	01	TRUCK FLEET GAS	083693302			07/29/22	3,689.36
							INVOICE TOTAL:	3,689.36
							VENDOR TOTAL:	3,689.36
59999	LESMA INSTRUMENT COMPANY							
PSI218856	07/28/22	01	RECYCLE BASIN FILTER	082665202			07/28/22	1,199.50
							INVOICE TOTAL:	1,199.50
							VENDOR TOTAL:	1,199.50

INVOICES DUE ON/BEFORE 08/09/2022

INVOICE #	INVOICE DATE	INVOICE ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT
63525			M. M. SCHRANZ ROOFING, INC.					
12535	07/14/22	01	ROOF WORK-ORCHARD WAY	082867202			07/14/22	715.00
							INVOICE TOTAL:	715.00
							VENDOR TOTAL:	715.00
65611			MENARDS					
44596	07/14/22	01	HYDRANT PAINT	082867702			07/14/22	193.54
							INVOICE TOTAL:	193.54
44600	07/14/22	01	22ND ST PAINT	082463302			07/14/22	146.94
							INVOICE TOTAL:	146.94
44665	07/14/22	01	IRRIGATION SUPPLIES	083292102			07/14/22	65.88
		02		093285102				28.24
							INVOICE TOTAL:	94.12
45357	07/21/22	01	GRIP TAPE-BASEMENT STAIRS	082665102			07/21/22	173.43
							INVOICE TOTAL:	173.43
45546	07/29/22	01	HYDRANT PAINTING SUPPLIES,	082867702			07/29/22	223.92
		02	KITCHEN SUPPLIES	083293002				37.77
		03		093285602				16.19
							INVOICE TOTAL:	277.88
45547	07/29/22	01	BATTERIES	083292102			07/29/22	22.39
		02		093285102				9.59
							INVOICE TOTAL:	31.98
45779	07/29/22	01	SHOP SUPPLIES	082866202			07/29/22	128.90
		02		092882702				55.24
							INVOICE TOTAL:	184.14
45950	07/29/22	01	SHOP & KITCHEN SUPPLIES	083293002			07/29/22	2.51
		02		093285602				1.07

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Oak Creek Water & Sewer Utility
 DETAIL BOARD REPORT

INVOICES DUE ON/BEFORE 08/09/2022

INVOICE #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT
65611			MENARDS					
45950	07/29/22	03		082866202			07/29/22	186.17
		04		092882702				79.78
							INVOICE TOTAL:	269.53
45985	07/29/22	01	KITCHEN SUPPLIES	083293002			07/29/22	3.49
		02		093285602				1.50
							INVOICE TOTAL:	4.99
							VENDOR TOTAL:	1,376.55
65625			MILWAUKEE METRO. SEWERAGE DIST					
133-22	07/14/22	01	METRO BILL	091023202			07/14/22	322,094.67
							INVOICE TOTAL:	322,094.67
153-22	07/21/22	01	METRO BILL	091023202			07/21/22	50,507.92
							INVOICE TOTAL:	50,507.92
							VENDOR TOTAL:	372,602.59
66252			MILWAUKEE LIGHT BULB DELIVERY					
247387-IN	07/14/22	01	HDQ GARAGE LIGHTS	083292102			07/14/22	350.70
		02		093285102				150.30
							INVOICE TOTAL:	501.00
							VENDOR TOTAL:	501.00
70020			NAPA AUTO PARTS					
414911	07/28/22	01	MISC. MATERIALS	083693302			07/28/22	223.75
							INVOICE TOTAL:	223.75
							VENDOR TOTAL:	223.75
70038			NATIONAL TECHNOLOGY					
2022-08	PMT IN ERROR 07/28/22	01	CUST REIMB-PAYMENT IN ERROR	082046110			07/28/22	57.33
							INVOICE TOTAL:	57.33
							VENDOR TOTAL:	57.33

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Oak Creek Water & Sewer Utility
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70557			NORTHERN LAKE SERVICE INC.					
421437	07/21/22	01	WATER TESTS	082664202			07/21/22	389.56
							INVOICE TOTAL:	389.56
							VENDOR TOTAL:	389.56
72570			OAK CREEK UTILITY					
2022-08	07/28/22	01	UTILITY'S METRO BILL	082664202			07/28/22	11,148.53
							INVOICE TOTAL:	11,148.53
							VENDOR TOTAL:	11,148.53
72780			RITA OLSON					
2022-07	07/21/22	01	CUST REIMB-DOUBLE PMT	082046110			07/21/22	1,170.10
							INVOICE TOTAL:	1,170.10
							VENDOR TOTAL:	1,170.10
73790			WINDSTREAM ENTERPRISE					
74915385	07/14/22	01	LONG DISTANCE CHRGES: PLT/DIST	082462602			07/14/22	28.21
		02		082664302				28.21
		03		083292102				28.21
		04		093285102				28.22
							INVOICE TOTAL:	112.85
							VENDOR TOTAL:	112.85
75698			PREMIUM WATERS, INC.					
362259111	07/29/22	01	DISTILLED WATER-PLANT	082664202			07/29/22	30.74
							INVOICE TOTAL:	30.74
							VENDOR TOTAL:	30.74
76535			QUALITY POWER SOLUTIONS LLC					
29867088	07/28/22	01	PRE-TREATMENT BUILDING UPS	082462602			07/28/22	2,028.01

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Oak Creek Water & Sewer Utility
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76535			QUALITY POWER SOLUTIONS LLC					
29867088	07/28/22	02		082664302			07/28/22	2,028.00
							INVOICE TOTAL:	4,056.01
							VENDOR TOTAL:	4,056.01
76575			R.A. SMITH NATIONAL					
166676	07/14/22	01	HOWELL AVE WATER RELAY	080121101			07/14/22	2,493.00
							INVOICE TOTAL:	2,493.00
							VENDOR TOTAL:	2,493.00
76630			R. S. PAINT & TOOLS LLC					
774014	07/28/22	01	MARKING PAINT-DIGGER'S LOCATES	083841622			07/28/22	56.28
		02		092882022				28.14
		03		082866222				28.14
							INVOICE TOTAL:	112.56
863046	07/21/22	01	MARKING PAINT-DIGGER'S LOCATES	083841622			07/21/22	56.28
		02		092882022				28.14
		03		082866222				28.14
							INVOICE TOTAL:	112.56
							VENDOR TOTAL:	225.12
76862			REVSRING INC.					
INV1313367	07/14/22	01	PROCESSING OF BILLING-JUNE	083090302			07/14/22	1,999.99
		02		093084002				857.14
							INVOICE TOTAL:	2,857.13
							VENDOR TOTAL:	2,857.13
81000			FULL CYCLE ENTERPRISES, LLC					
630751	07/14/22	01	RESTORATION	082867302			07/14/22	272.50
							INVOICE TOTAL:	272.50
							VENDOR TOTAL:	272.50

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82865			SPRINKMANN SONS CORP.					
16226	07/21/22	01	FOAM PIPE INSULATION	082462602			07/21/22	384.00
		02		082664302				384.00
							INVOICE TOTAL:	768.00
							VENDOR TOTAL:	768.00
82879			STAPLES BUSINESS ADVANTAGE					
3511305425	07/14/22	01	OFFICE SUPPLIES	083292102			07/14/22	25.87
		02		093285102				11.09
							INVOICE TOTAL:	36.96
							VENDOR TOTAL:	36.96
83010			STRAND ASSOCIATES, INC.					
185883	07/21/22	01	CLEARWELL INSPECTION, CELL	080120105			07/21/22	80.19
		02	TOWER REVIEW-SYCAMORE	080414300				461.51
							INVOICE TOTAL:	541.70
							VENDOR TOTAL:	541.70
84000			SUPERIOR CHEMICAL					
339812	07/28/22	01	INSECT REPELLENT	083293002			07/28/22	87.47
		02		093285602				37.49
							INVOICE TOTAL:	124.96
							VENDOR TOTAL:	124.96
91312			ULINE					
151303839	07/28/22	01	HDQ SUPPLIES	082866202			07/28/22	321.68
		02		092882702				137.86
							INVOICE TOTAL:	459.54
							VENDOR TOTAL:	459.54
91342			UNDERWATER CONSTRUCTION					

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Oak Creek Water & Sewer Utility
 DETAIL BOARD REPORT

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INVOICE #	INVOICE DATE	INVOICE ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT
91342			UNDERWATER CONSTRUCTION					
22-102.112	07/28/22	01	INTAKE INSPECTION	0822261302			07/28/22	3,910.00
							INVOICE TOTAL:	3,910.00
							VENDOR TOTAL:	3,910.00
93100			USA BLUE BOOK					
32970	07/14/22	01	ATP TESTING SUPPLIES	082866502			07/14/22	1,401.96
							INVOICE TOTAL:	1,401.96
39327	07/14/22	01	LAB PROBES	082664202			07/14/22	207.96
							INVOICE TOTAL:	207.96
45757	07/21/22	01	ATP TEST KIT	082866502			07/21/22	1,375.83
							INVOICE TOTAL:	1,375.83
50220	07/28/22	01	BACKFLOW ASSEMBLY	082665202			07/28/22	1,157.64
							INVOICE TOTAL:	1,157.64
56272	07/28/22	01	ATP TESTING SUPPLIES	082866502			07/28/22	755.05
							INVOICE TOTAL:	755.05
							VENDOR TOTAL:	4,898.44
93230			VRC PROTX. LLC					
589243-001	07/28/22	01	CARBON FEEDER LEVEL SENSOR	082665202			07/28/22	979.52
							INVOICE TOTAL:	979.52
							VENDOR TOTAL:	979.52
94700			WEST ALLIS BLUEPRINT					
163054	07/14/22	01	PRINTER INK	083292102			07/14/22	153.30
		02		093285102				65.70
							INVOICE TOTAL:	219.00
							VENDOR TOTAL:	219.00

ADMINISTRATIVE OPERATIONS

July 2022

Workload:

Other administrative tasks included the following:

- Added 4 customer accounts for the month.
- Billed 931 water customers and 956 sewer customers.

Gallons Billed (in thousands):

	YTD 2022	YTD 2021	YTD 2020	YTD 2019	YTD 2018	Average
Residential	206,652	218,238	212,606	200,816	207,041	209,071
Commercial	274,547	271,370	257,525	249,530	248,996	260,394
Industrial	340,446	306,587	266,367	292,092	287,563	298,611
Public Authority	8,194	5,259	5,421	6,388	6,580	6,368
Wholesale	796,273	814,398	787,007	736,756	727,633	772,413
Total	1,626,112	1,615,852	1,528,926	1,485,582	1,477,813	1,546,857
% Change to Prior Year	0.6%	5.7%	2.9%	0.5%	N/A	
% Change to Average	5.1%	4.5%	-1.2%	-4.0%	-4.5%	

New Customers:

	YTD 2022	YTD 2021	YTD 2020	YTD 2019	YTD 2018	Average
Residential	13	43	34	11	23	24.8
Commercial	11	13	13	9	11	11.4
Industrial	0	0	0	0	0	-
Public Authority	0	3	3	0	1	1.4
Wholesale	0	0	0	0	0	-
Total	24	59	50	20	35	37.6

ENGINEERING OPERATIONS

July 2022

Howell Avenue Water Relay

Engineering worked with raSmith to revise the plans and specifications for the Howell Avenue Water Relay project. This will be bid out in August with award going to Council in September. The construction is expected to begin in the spring of 2023.

Orchard Reservoir Park

The city project has started to create the park at the Orchard Reservoir. The concrete pad was poured by the reservoir, paths relocated, street lighting relocated, drain tile installed, and concrete curb for the playground equipment installed. Distribution worker Struebing worked to relocate a tree on the site and protect another tree from removal.

Satellite Leak Detection

Asterra will be in town to assist with the leak detection locations in August.

American Sanitary Sewer

Cedar Corp. has submitted plans for the sanitary project. Engineering is reviewing the plans and submit comments. Cedar Corp. will then revise and submit to the railroad for permitting.

Abendschein Park Pavilion

Engineering has been working with the project team reviewing the plans and specifications for the extension of the public water main and private sanitary sewer. The project is planned to be bid out in August.

Underground Facility Rehabilitation Project

Engineering prepared a request for proposals to be advertised in August for the alternatives analysis of the underground facilities that the 2017 WDNR Sanitary Survey identified as deficiencies. The proposals will be due in September with Board action in October.

Centennial Sanitary Sewer

Engineering worked with Foth to gather the DNR and ACOE permits for the project. The plans and permits are to be submitted to MMSD in August for approval. We will be advertising this project in August.

Developer projects

- Residences at Oak View Condos - Punch list items remain.
- Oakes at 8100 - Public sanitary is installed and water main construction began in July.
- Peak Car Wash - Reviewing plans for the public water main and sanitary lateral construction.
- Broadacre - DNR and MMSD approvals have not been submitted yet for the public water and private interceptor sanitary.
- Texas Roadhouse - Work has begun on the construction of the building. Staff has worked with the contractor on the public water connections on the site.

Engineering and Distribution have worked with Milwaukee County on the construction of W. Rawson Avenue from S. 27th Street to S. 20th Street. Various valves and curb boxes need to be adjusted and signal base location issues on the corner of 20th Street are being worked through.

DISTRIBUTION & COLLECTION OPERATIONS

July 2022

Water Main Breaks:

On July 11th, the 20" ductile iron main in front of 3546 E. Oakwood Rd. started leaking. Crews fixed the hole with a clamp. This is the first break in that area.

On July 30th, a break was reported on E. Depot Rd. The 8" ductile iron main from 1973 was leaking east of 5th Avenue. A repair was made with a clamp and nobody was taken out of service.

Water Lateral Repairs:

No laterals were repaired in the month of July.

Hydrant Repairs/Maintenance:

Several fire hydrants were repaired in the month of July. A few are on the schedule to be replaced in August.

Valve Repairs:

There were no valve repairs in the month of July. Many valve boxes were repaired or adjusted for road construction projects.

Sewer Repairs/Maintenance:

Utility workers continued cleaning and televising.

We have poured the remaining sections of the sewer dump station in the back yard. Next, we will be setting blocks for the wall and it will be ready to be in service in August.

Miscellaneous:

We have completed some more asphalt, concrete and landscaping restoration.

We are still 2/3rds done with hydrant flushing for the year and should be resuming soon.

Utility Worker Struebing has been working at the Orchard Way Reservoir to clean it up and have it looking nice in the area of the park that the city is putting in.

Out of Service:

There are currently seven fire hydrants out of service in need of repair. There are currently 38 valves jammed open in need of repair.

DISTRIBUTION GOALS 2022

JOB DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS	GOALS
Meters														
Meter Exchanges	12	16	120	142	65	85	37						477	600
Cross Connection Inspections	-	6	109	137	66	87	44						449	300
Industrial Inspections	32	25	45	59	34	40	38						273	420
Water														
Annual Hydrant Flushing	-	-	-	375	1,017	-	1						1,393	2,259
Semi-annual Flushing	-	-	-	19	60	-	25						104	2x109 (218)
Quarterly Flushing	-	-	-	45	5	-	49						99	4x49 (196)
Flush Emergency Connections	-	-	-	-	-	-	-						-	3
Watermain Crossings	63	-	-	-	-	-	-						63	63
Operate Valves	-	-	-	-	1	200	242						443	1,000
Hydrant Painting	-	-	-	-	-	-	53						53	150
Catholic Protection Tests	-	-	-	-	-	-	-						-	11
Check Remote Water Mains	-	-	-	-	-	-	-						-	28
Sewer														
Clean Sewers	4,545	10,042	45,233	21,368	23,300	14,033	4,859						123,380	185,000
Camera Sewers	4,903	17,900	47,226	13,688	27,100	20,735	10,265						141,817	185,000
Check Problem Sewers	88	-	-	88	-	-	91						267	308
Check Remote Sewer Mains	-	-	-	-	-	-	-						-	42
Admin														
Tier II Report	Done													
MMSD Annual CMOM Report					Done									
DNR eCMAR					Done									
DNR River Crossing Stations								Due						
Cross Connection Survey		Done												

PLANT OPERATIONS

July 2022

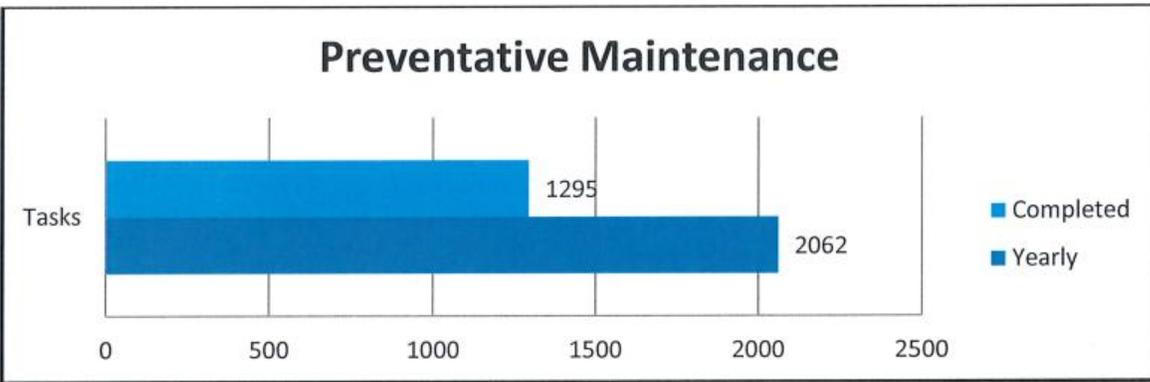
PUMPAGE REPORT	2022	2021	% Change	5 Year %
Monthly Pumpage	306,940,000	309,240,000	-0.7	+6.0
Monthly Average Day	9,901,290	9,975,484	-0.7	+5.8
Monthly Peak Day	(7/22)12,540,000	(07/27)12,960,000	-3.2	+7.1
Yearly Pumpage	1,737,334,782	1,699,760,504	+2.2	+8.3
Yearly Average Day	8,194,975	8,017,738	+2.2	+8.3
Yearly Peak Day	(6/30) 12,550,000	(6/16) 13,740,000	-8.7	+5.0
West Zone Pumpage	137,750,000	142,230,000	-3.1	+2.0
West Zone Yearly Total	740,060,000	781,270,000	-5.3	+0.8

WATER QUALITY REPORT	Raw Water	Finished Water
Average Free Chlorine		1.57 mg/l
Total Chlorine		1.76 mg/l
Average Alkalinity	108.2 mg/l	108.5 mg/l
Average pH	8.5	8.3
Average Fluoride	0.15 mg/l	0.69 mg/l
Average Turbidity	2.1 NTU	0.05 NTU
High Temperature	High 68.2 F Low 51.6 F	
Hardness	137 mg/l	154 mg/l

Preventative Maintenance Tasks: Staff completed 155 preventative maintenance tasks and 2 safety sessions during the month.

Work Orders: Staff completed 8 work orders. Some of the tasks include replacing a control valve on pump 3 at 22nd street booster station, repairing security lights, replacing batteries in exit lighting, repairing heater fan motors, and replacing door contact switches.

Plant: Fencing was repaired from storm damage. Fiber installation contractors have been storing equipment and filling their water tanks at the plant. The contractors have been easy to work with and things are going smoothly.



ENGINEERING & INSPECTIONS – Matt Sullivan

- Developer Project Updates
 - Lakeshore Commons construction of underground utilities will be completed with final testing taking place. The 1st single-family residential homes arrived and is scheduled to be open for tours in beginning of August. Multi-family and townhomes have begun with footings/foundations being poured on the townhomes. Vertical construction is anticipated to begin towards the end of August on those;
 - The Oaks at 8100 development on S. 27th Street has begun grading on site and the installation of underground utilities will continue through August;
 - Broadacre development (441 W. Ryan Road) will begin constructing footings/foundations this coming month;
 - Stonebrook on the Park (641 E. Drexel Avenue) had the Development Agreement approved on the July 19th Council meeting. Storm water plan and maintenance agreement along with plans are anticipated to be approved in August. Developer will begin bringing in fill in August along with other grading activities;
 - Phase 2 of The Residences at Oak View (Howell Ave) has received a number of building permits with anticipation of construction starting this coming month;
 - Tsunami Car Wash (Puetz Road) Development Agreement was approved in July and we anticipate construction beginning towards the end of August with footing/foundations.
- Design/Construction Updates
 - Drexel Avenue Rehabilitation (13th Street to Howell Avenue) westbound lanes are now open and is progressing. The schedule provided by the contractor has project being completed by last week of August;
 - W. Rawson Avenue (S. 27th Street to S. 20th Street) (Milwaukee County) the outer lanes have been poured with miscellaneous work being completed prior to the shifting traffic. Traffic will be shifted this month to allow the completion of the work;
 - Apple Creek Subdivision Road and Park Improvements began in July and with the majority of the work scheduled to be completed in August. The playground equipment is scheduled to be installed later this year. DPW will complete the Honadel median improvement later this fall also;

- MMSD approved the transfer of funds from the PPII program to Green Solutions to fund projects at Abendschein Pavilion and Oak Creek Police Department. The funds transferred (\$774,781) from the PPII program had to be allocated to a project, transferred, or surrendered;
- Engineering received three proposals for the diesel tank replacement at the DPW and will be recommending a Council award on August 16th;
- Engineering received only one proposal for design work for the intersection of Puetz Road and Liberty lane. Engineering will recommend award to the one proposer on August 16th;
- Fire Station #3 Dorm Remodel has been let and contractor bids are due on August 5th with a Council award August 16th. This project is anticipated to be completed by December 2nd;
- Abendschein Park Pavilion project will be let in the month of August with award anticipated in September;
- Engineering will be submitting 60% plans to the WDOT for the Safe Routes to School Phase 1 project. This project is scheduled to be constructed in 2023;
- Milwaukee County will be reconstructing W. Rawson Avenue (13th Street to Howell Avenue) in 2025 and will be having the 30% design meeting in August. Engineering is anticipating upgrading the existing street lighting to LEDs under this project;
- Inspection Updates
 - The Homewood Suites by Hilton and Convention Center gained occupancy in July;
 - A number of developments have delivered building permits:
 - Oaks at 8100 – Townhomes, clubhouse and multi-family;
 - Lakeshore Commons – Multi-family, townhomes, and single family;
 - Express car wash;
 - The Residence at Oak View (ModHomes);
 - Hub13 is over half way completed and occupied;
 - Texas Roadhouse has begun construction with footing/foundations being constructed.

PUBLIC WORKS – Matt Trebatoski

- DTS summer maintenance and mowing will continue;
- Streetlights division will be repairing ballfield lights at Shepard Hills Park. They will also be replacing damaged underground wiring on Puetz Road and W. Rawson Avenue;

- Parks staff will continue cleaning pavilions for rentals, picking up litter, preparing athletic fields, and mowing. They will also be replacing benches at Miller Park;
- Our forestry crews will be pruning, watering, and performing maintenance on younger trees;
- Our signs crew will continue replacing street name signs and will be repairing guard rail on Forest Hill Avenue;
- We will be providing set up and tear down services for the Primary Election, Fireworks, Beer Garden, Movie Night, National Night Out, and the weekly Farmers Market events. We will also be assisting with supply deliveries to the Oak Creek Community Center for the Summer Concert Series;
- Our streets division crews will continue crack sealing roads with tar and mastic. They will also be working on asphalt patching of streets, residential culvert installations, roadside tractor mowing, and ditching work. They will also be starting to paint road lines and traffic markings (yellow and white) with our new Graco paint striping machine;
- Our fleet crew will continue performing general maintenance and repair work on all public works, fire, and parks vehicles and equipment. They will also be working on bucket truck inspections and installing a closed loop prewet system on Truck #49.