

## CITY OF OAK CREEK WATER & SEWER UTILITY

### OFFICIAL NOTICE

**PLEASE TAKE NOTICE** that the Water and Sewer Utility Commission will meet at the Oak Creek Water & Sewer Utility, 170 West Drexel Avenue, Oak Creek, Wisconsin, 53154 on Tuesday, July 14, 2020, at 9:00 am.

The purpose of this meeting will be to discuss the topics listed on the attached agenda.

It is possible that members of and possibly a quorum of members of our governmental bodies of the municipality may be in attendance at 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.

### **PUBLIC NOTICE**

**Please Note:** 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 414-766-7023 or write to the ADA Coordinator at the Health Department, City Hall, 8040 South 6<sup>th</sup> Street, Oak Creek, Wisconsin, 53154.

**DATED**, at Oak Creek, Wisconsin, this the 9th day of July, 2020.

/s/ Michael J. Sullivan  
General Manager

**A G E N D A**  
**WATER AND SEWER UTILITY COMMISSIONERS**  
**CITY OF OAK CREEK**

<u>TIME</u>	<u>DATE</u>	<u>LOCATION</u>
9:00 am	Tuesday July 14, 2020	Headquarters Building 170 West Drexel Avenue

**1.0 OPENING OF MEETING**

- 1.1 Roll Call
- 1.2 Minutes Approval - Regular Meeting 06-09-20

**2.0 PROJECT APPROVALS**

- 2.1 Change Order Number 1 - Jewell Street Sanitary Sewer Project
- 2.2 Change Order Number 1 - College Avenue Water Main Looping Project
- 2.3 Award Howell Avenue Water Main Lining Project

**3.0 MISCELLANEOUS MATTERS**

- 3.1 Approval of Valve Actuator Replacement
- 3.2 Digger's Hotline Dashboard Presentation

**4.0 FINANCIAL MATTERS**

- 4.1 Project Payment Approval
  - 4.1.1 Howell Avenue and Quail Run Water Main Looping Project, \$9,632.39.
  - 4.1.2 Jewell Street Lift Station Abandonment Project, \$655,973.58.
  - 4.1.3 College Avenue Water Main Looping Project, \$46,221.06.
- 4.2 Voucher Approval
- 4.3 Utility Investments
- 4.4 Financial Statements

**5.0 ADMINISTRATIVE & OPERATIONS REPORTS**

- 5.1 Aldermanic Report
- 5.2 Administrative Operations Report
- 5.3 Engineering Operations Report
- 5.4 Distribution Operations Report
- 5.5 Plant Operations Report
- 5.6 Manager's Report

**6.0 ADJOURN**



D.F. Tomasini Contractors, Inc.  
N70 W25176 Indian Grass Lane - Sussex, WI 53089  
Phone: (262) 820-8300 Fax: (262) 820-8400

**CONTRACT CHANGE /  
MODIFICATION  
# 1 Revision #5**

PROJECT NAME: Jewell Street Sanitary Sewer

PROJECT # 17106

PROJECT MANAGER / FOREMAN: Craig Derouin

JOB# 2139

PROJECT ENGINEER OR CUSTOMER: Oak Creek Water and Sewer Utility/Brian Johnston

D.F. Tomasini Contractors is requesting to make the following changes / modifications as stated below for compensation on the project listed above:

QTY.	UOM	DESCRIPTION	UNIT PRICE	TOTAL
1	LS	Additional Labor And Equipment Due To Plan Changes	\$20,000.00	\$20,000.00
1	LS	12" C-900 Fittings And Pipe For Drop Manholes #3, #5 & #7	10,700.00	10,700.00
1	LS	Additional Turf Restoration	2,100.00	2,100.00
1	LS	Additional Erosion Control	2,755.00	2,755.00
1	LS	Additional Clearing And Grubbing (Strip and respread topsoil)	1,600.00	1,600.00
1	LS	Remove And Replace Existing Emergency Spillway	1,000.00	1,000.00
1	LS	Remove And Replace Existing 8" Storm Sewer W/FES & Rip-Rap	2,500.00	2,500.00
1	LS	Delay due to undisclosed concrete around existing manhole and drops. Material, equipment and labor for 3 days additional time drilling to install ERS system.	12,600.00	12,600.00
			<b>GRAND TOTAL:</b>	<b>\$53,255.00</b>

**REASON FOR CHANGE / MODIFICATION:**

Plan changes dated 2-10-20 final construction plans. Upon drilling the first 3 days for ERS System found undisclosed concrete around manhole base. Hydro Vac existing drops to verify end of concrete incasments. Fill holes with lean mix and move ERS System approx. 3.5' south of existing manhole.

**NOTE:**

**ACCEPTED:** The above prices and specification of this change / modification are satisfactory and are hereby accepted. All work, which is the subject of this change / modification is to be performed under the same terms and conditions as specified in the original contract unless otherwise stipulated.

D.F. Tomasini Contractors, Inc.  
\_\_\_\_\_  
Company Name

  
\_\_\_\_\_  
Signature of Authorized Agent

6/10/2020  
\_\_\_\_\_  
Date of Acceptance

Oak Creek Water and Sewer Utility/Brian Johnston  
\_\_\_\_\_  
Project Engineer / Customer

\_\_\_\_\_  
Signature of Authorized Agent

\_\_\_\_\_  
Date of Acceptance

**CHANGE ORDER AUTHORIZATION  
CHANGE ORDER NO. 1  
PROJECT NO. 19103**

**College Ave Water Main Extension**

INITIATED BY THE OAK CREEK WATER AND SEWER UTILITY  
DATE INITIATED: June 26, 2020

Work authorization for furnishing the necessary labor, materials and equipment to perform the following:

ITEM NO.	ITEM DESCRIPTION	QUANTITY UNIT	UNIT PRICE	COST
E-1	Slurry	1 LS	\$23,476.42	\$23,476.42
E-2	Offset	1 LS	\$10,309.29	\$10,309.29
E-3	Pumping	1 LS	\$2,275.00	\$2,275.00
	<b>TOTAL CHANGE ORDER</b>			<b>\$36,060.71</b>

E = Contract Extra, C = Contract Credit

This work, performed under the College Ave Water Main Extension contract, is hereby agreed upon and has been performed as indicated under the contract for Project No. 19103, Change Order No. 1 for contract extras with a total net cost of \$36,060.71

**CornerStone One, LLC**

**Oak Creek Water & Sewer Utility**

  
\_\_\_\_\_  
Signature

\_\_\_\_\_  
Signature

MATTHIAS BOLLMUS  
\_\_\_\_\_  
Accepted by (print name)

\_\_\_\_\_  
Accepted by (print name)

7/2/2020  
\_\_\_\_\_  
Date Accepted

\_\_\_\_\_  
Date Accepted

## Howell Avenue Water Main Lining Contract Award

Project Nos.: 20106

Date: July 14, 2020

**RECOMMENDATION: That the Commission consider a motion to approve the Howell Avenue Water Main Lining project and award a construction contract to the lowest responsive, responsible bidder, Mid-City based on the bid amount of \$247,616.00.**

This project will structurally line 613 LF of 8" ductile iron water main from north of W. Ryan Road north along S. Howell Avenue. This is part of the 2020 Capital Improvement Plan. The unit cost for the 8" water main lining is \$122 per linear foot. The Wildwood project unit cost to relay 1800 LF of 8" water main was \$144, without the pavement restoration cost. This project cost is \$404 per linear foot of 8" main lining. In comparison, the relay cost of 634 linear feet of 12" water main on Fitzsimmons was \$503 per linear foot (\$318,863.50). The relay cost of the Wildwood project for 1800 linear feet of 8" water main was \$363 per linear foot (\$653,787 including the lining section). This is a great location to try the structural lining since we are not impacting any services. The engineering estimate on the project was \$439,857.

The work was advertised, and the following bids were received:

Contractor	Bid Amount
<b>Mid-City Corporation</b>	<b>\$247,616.00</b>
Michel's Corporation	\$269,593.00

**Professional Services Agreement with Doerner Company  
Valve Actuator Replacement**

Date: June 29, 2020

**RECOMMENDATION: That the Commission consider a motion to authorize the Plant Manager to enter into an agreement with Doerner Company for providing professional services in the replacement, installation and calibration of a valve actuator.**

This project consists of:

- Providing a new valve actuator
- Professional installation
- Professional on-site calibration

The effluent valve actuator on filter ten has failed. This actuator was approaching 20 years of service and new repair parts are no longer available. The Treatment Plant currently has two brands of actuators, Limitorque and Auma, with Auma being the most prevalent. I received quotes from both companies. The Auma actuator rebuilt with used parts is \$4,221.00 and the new updated actuator from Auma is \$5695.00. The Limitorque actuator price is \$5320.00. No installation or on-site calibration is included in the Limitorque quote.

I recommend the new updated Auma actuator provided by Doerner Company at a cost of \$5695.00. This actuator has considerable upgrades in technology compared to the existing actuator and installation and on-site calibration are included.

OAK CREEK WATER AND SEWER UTILITY  
PROGRESS PAYMENT REPORT

PROJECT NO. 17103- Howell and Quail Run Looping Project

Item No.	Item Description	Bid Quantity	Unit	Price	Total Price	Partial Payment No. 1 April 14, 2020		Partial Payment No. 2 May 12, 2020		Partial Payment No. 3 June 9, 2020		Partial Payment No. 4 July 14, 2020		PROJECT TOTAL	
						Quantity Complete	Cost Complete	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete
1	8" Certa-Lok Water Main, 1 1/4" Base Aggregate Dense Backfill	26	LF	\$218.00	\$5,668.00		\$0.00		\$0.00	22.00	\$4,796.00		\$0.00	22.00	\$4,796.00
2	8" Certa-Lok Water Main, Native Backfill	25	LF	\$214.00	\$5,350.00		\$0.00		\$0.00	27.25	\$5,831.50		\$0.00	27.25	\$5,831.50
3	8" Certa-Lok Water Main (HDD)	373	LF	\$146.00	\$54,458.00		\$0.00		\$0.00	374.00	\$54,604.00		\$0.00	374.00	\$54,604.00
4	12" Certa-Lok Water Main, WisDOT Backfill	36	LF	\$363.00	\$13,068.00		\$0.00	23.80	\$8,639.40	63.70	\$23,123.10		\$0.00	87.50	\$31,762.50
5	12" Certa-Lok Water Main (HDD)	586	LF	\$151.00	\$88,486.00		\$0.00	536.00	\$80,936.00		\$0.00		\$0.00	536.00	\$80,936.00
6	8" Gate Valve	1	EA	\$4,034.00	\$4,034.00		\$0.00		\$0.00	1.00	\$4,034.00		\$0.00	1.00	\$4,034.00
7	12" Gate Valve	2	EA	\$5,693.00	\$11,386.00		\$0.00	1.00	\$5,693.00	1.00	\$5,693.00		\$0.00	2.00	\$11,386.00
8	Type "A" Hydrant Assembly	2	EA	\$13,162.00	\$26,324.00		\$0.00	2.00	\$26,324.00		\$0.00		\$0.00	2.00	\$26,324.00
9	Connect to Existing 8" Ductile Iron Water	1	EA	\$5,210.00	\$5,210.00		\$0.00		\$0.00	1.00	\$5,210.00		\$0.00	1.00	\$5,210.00
10	Connect to Existing 12" Ductile Iron Water Main	1	EA	\$9,319.00	\$9,319.00		\$0.00	1.00	\$9,319.00		\$0.00		\$0.00	1.00	\$9,319.00
11	Connect to Existing 16" Ductile Iron Water Main	1	EA	\$5,980.00	\$5,980.00		\$0.00		\$0.00	1.00	\$5,980.00		\$0.00	1.00	\$5,980.00
12	Connect to Existing 20" Ductile Iron Water Main	1	EA	\$7,476.00	\$7,476.00		\$0.00		\$0.00	1.00	\$7,476.00		\$0.00	1.00	\$7,476.00
13	HMA Pavement	1	LS	\$11,600.00	\$11,600.00		\$0.00		\$0.00	1.00	\$11,600.00		\$0.00	1.00	\$11,600.00
14	Concrete Base 8"	1	LS	\$3,060.00	\$3,060.00		\$0.00		\$0.00	1.00	\$3,060.00		\$0.00	1.00	\$3,060.00
15	Concrete Sidewalk	1	LS	\$9,900.00	\$9,900.00		\$0.00		\$0.00	1.00	\$9,900.00		\$0.00	1.00	\$9,900.00
16	Concrete Curb and Gutter	1	LS	\$4,950.00	\$4,950.00		\$0.00		\$0.00	1.00	\$4,950.00		\$0.00	1.00	\$4,950.00
17	Pavement Marking	1	LS	\$5,490.00	\$5,490.00		\$0.00		\$0.00		\$0.00	1.00	\$5,490.00	1.00	\$5,490.00
18	Restoration	1	LS	\$1,500.00	\$1,500.00		\$0.00		\$0.00	1.00	\$1,500.00		\$0.00	1.00	\$1,500.00
19	Erosion Control	1	LS	\$2,000.00	\$2,000.00		\$1,000.00		\$0.00	0.50	\$1,000.00		\$0.00	1.00	\$2,000.00
20	Traffic Control	1	LS	\$1,500.00	\$1,500.00		\$750.00		\$0.00	0.50	\$750.00		\$0.00	1.00	\$1,500.00
<b>TOTAL ITEMS 1-22 (inclusive)</b>							<b>\$1,750.00</b>		<b>\$130,911.40</b>		<b>\$149,507.60</b>		<b>\$5,490.00</b>		<b>\$287,659.00</b>

Sub-Total Completed To Date \$287,659.00  
 Less Allowance for testing and approval 0% \$0.00  
 Less Retainage (5% to 50% complete) 1% -\$2,776.59  
 Total \$284,882.41  
 Less Previous Payments \$275,250.02  
**TOTAL PAYMENT DUE THIS PERIOD \$9,632.39**

Recommended for Commission Approval by: *B. J. J. J.* Date: 7-1-2020

**OAK CREEK WATER AND SEWER UTILITY  
PROGRESS PAYMENT REPORT**

PROJECT NO. 17106- Jewel Street Lift Station Abandonment

Item No.	Item Description	Bid Quantity	LF	D.F. Tomasini Contractors, Inc. N70W25176 Indian Grass Lane Sussex, WI 53089		Partial Payment No. 1 May 14, 2020		Partial Payment No. 2 June 9, 2020		Partial Payment No. 3 July 14, 2020		PROJECT TOTAL	
				Unit Price	Total Price	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete
1	15-INCH PVC SANITARY SEWER SDR-35, 1-1/4" TB	15	LF	\$500.00	\$7,500.00		\$0.00		\$0.00		\$0.00	-	\$0.00
2	18-INCH PVC C900 SANITARY SEWER 1-1/4" TB	55	LF	\$500.00	\$27,500.00		\$0.00		\$0.00		\$0.00	-	\$0.00
3	18-INCH PVC C900 SANITARY SEWER, SPOIL BACKFILL	1,887	LF	\$405.00	\$764,235.00		\$0.00	545.70	\$221,008.50	1272.50	\$515,362.50	1,818.20	\$736,371.00
4	SANITARY SEWER MANHOLE 48" I.D.	178	VF	\$1,300.00	\$231,400.00		\$0.00	101.00	\$131,300.00	91.62	\$119,106.00	192.62	\$250,406.00
5	ABANDON AIR RELEASE & SANITARY MANHOLE	2	EA	\$7,500.00	\$15,000.00		\$0.00		\$0.00		\$0.00	-	\$0.00
6	ABANDON 4-INCH FORCE MAIN	135	LF	\$35.00	\$4,725.00		\$0.00		\$0.00		\$0.00	-	\$0.00
7	ABANDON 18-INCH SANITARY SEWER	165	LF	\$45.00	\$7,425.00		\$0.00		\$0.00		\$0.00	-	\$0.00
8	ABANDON LIFT STATION	1	LS	\$30,000.00	\$30,000.00		\$0.00		\$0.00		\$0.00	-	\$0.00
9	REMOVE 8-INCH SANITARY SEWER	15	LF	\$150.00	\$2,250.00		\$0.00		\$0.00		\$0.00	-	\$0.00
10	REMOVE SANITARY MANHOLE	1	EA	\$2,500.00	\$2,500.00		\$0.00		\$0.00		\$0.00	-	\$0.00
11	ASPHALT PAVEMENT REMOVAL	329	SY	\$13.00	\$4,277.00		\$0.00		\$0.00	165.00	\$2,145.00	165.00	\$2,145.00
12	SAWCUTTING EXISTING PAVEMENT FULL DEPTH	75	LF	\$15.00	\$1,125.00		\$0.00		\$0.00	42.00	\$630.00	42.00	\$630.00
13	REMOVE 57 X 38-INCH ARCH CMP	27	LF	\$82.00	\$2,214.00		\$0.00		\$0.00		\$0.00	-	\$0.00
14	REMOVE GUARDRAIL	30	LF	\$50.00	\$1,500.00	30.00	\$1,500.00		\$0.00		\$0.00	30.00	\$1,500.00
15	PIPE ARCH CORRUGATED STEEL 57 X 38-INCH	27	LF	\$300.00	\$8,100.00		\$0.00		\$0.00		\$0.00	-	\$0.00
16	APRON ENDWALLS FOR PIPE ARCH STEEL 57 X 38-INCH	2	EA	\$2,000.00	\$4,000.00		\$0.00		\$0.00		\$0.00	-	\$0.00
17	HMA PAVEMENT TYPE 4 LT, PG 58-28 S	4	TON	\$1,200.00	\$4,800.00		\$0.00		\$0.00		\$0.00	-	\$0.00
18	STONE TRACKING PAD	1	EA	\$4,000.00	\$4,000.00	1.00	\$4,000.00		\$0.00		\$0.00	1.00	\$4,000.00
19	DEWATERING	1	LS	\$145,000.00	\$145,000.00	0.30	\$43,500.00		\$0.00		\$0.00	0.30	\$43,500.00
20	CLEARING AND GRUBBING	1	LS	\$26,000.00	\$26,000.00	1.00	\$26,000.00		\$0.00		\$0.00	1.00	\$26,000.00
21	TURF RESTORATION	1	LS	\$29,000.00	\$29,000.00		\$0.00		\$0.00		\$0.00	-	\$0.00
22	TRENCH STABILIZATION (UNDISTRIBUTED)	750	TON	\$55.00	\$41,250.00		\$0.00		\$0.00		\$0.00	-	\$0.00
23	EROSION CONTROL	1	LS	\$17,000.00	\$17,000.00	1.00	\$17,000.00		\$0.00		\$0.00	1.00	\$17,000.00
24	TRAFFIC CONTROL	1	LS	\$10,000.00	\$10,000.00	0.50	\$5,000.00		\$0.00		\$0.00	0.50	\$5,000.00
E-1	Plan Changes to Final Construction Documents	1	LS	\$53,255.00	\$53,255.00		\$0.00		\$0.00	1.00	\$53,255.00	1.00	\$53,255.00
<b>TOTAL ITEMS 1-24 (inclusive)</b>					<b>\$1,444,056.00</b>		<b>\$97,000.00</b>		<b>\$352,308.50</b>		<b>\$637,243.50</b>		<b>\$1,139,807.00</b>

Sub-Total Completed To Date	\$1,139,807.00
Less Allowance for testing and approval	5% -\$56,990.35
Less Retainage (5% to 50% complete)	5% -\$21,342.15
Total	\$1,061,474.50
Less Previous Payments	\$405,500.92
<b>TOTAL PAYMENT DUE THIS PERIOD</b>	<b>\$655,973.58</b>

Recommended for Commission Approval by: B. J. J. [Signature] Date: 7-1-2020



**OAK CREEK WATER AND SEWER UTILITY  
PROGRESS PAYMENT REPORT**

PROJECT NO. 19103- College Ave Looping Project

Item No.	Item Description	Bid Quantity	Unit Price	Total Price	Partial Payment No. 1 April 14, 2020		Partial Payment No. 2 May 12, 2020		Partial Payment No. 3 June 9, 2020		Partial Payment No. 4 July 14, 2020		PROJECT TOTAL	
					Quantity Complete	Cost Complete	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete
1	12-INCH PVC WATER MAIN 1-1/4" TBFF	164	LF	\$115.00	\$18,860.00	121.00	\$13,915.00	43.00	\$4,945.00	\$0.00	\$0.00	\$0.00	164.00	\$18,860.00
2	12-INCH PVC C-900 R/JIB CERTALOK WATER MAIN, HORIZONTAL	1,686	LF	\$125.00	\$210,750.00	1,686	\$210,750.00		\$0.00	\$0.00	\$0.00	\$0.00	1,686.00	\$210,750.00
3	CONNECT TO EXISTING 12" WATER MAIN	2	EA	\$8,351.00	\$16,702.00	1.00	\$8,351.00	1.00	\$8,351.00	\$0.00	\$0.00	\$0.00	2.00	\$16,702.00
4	12" GATE VALVE & BOX	6	EA	\$3,862.00	\$23,172.00	5	\$19,310.00	1.00	\$3,862.00	\$0.00	\$0.00	\$0.00	6.00	\$23,172.00
5	HYDRANT, LEAD, & 6-INCH GATE VALVE	5	EA	\$13,075.00	\$65,375.00	5.00	\$65,375.00		\$0.00	\$0.00	\$0.00	\$0.00	5.00	\$65,375.00
6	SALVAGE HYDRANT	1	EA	\$2,400.00	\$2,400.00	1	\$2,400.00		\$0.00	\$0.00	\$0.00	\$0.00	1.00	\$2,400.00
7	REMOVE GATE VALVE & BOX	1	EA	\$1,200.00	\$1,200.00	1	\$1,200.00		\$0.00	\$0.00	\$0.00	\$0.00	1.00	\$1,200.00
8	CONCRETE PAVEMENT REMOVAL	245	SY	\$18.00	\$4,410.00	173.00	\$3,114.00	72.00	\$1,296.00	\$0.00	\$0.00	\$0.00	245.00	\$4,410.00
9	ASPHALT PAVEMENT REMOVAL	23	SY	\$18.00	\$414.00	18.80	\$338.40		\$0.00	\$0.00	\$0.00	\$0.00	18.80	\$338.40
10	CONCRETE CURB AND GUTTER REMOVAL	32	LF	\$47.00	\$1,504.00	51	\$2,397.00	8.50	\$399.50	\$0.00	\$0.00	\$0.00	59.50	\$2,796.50
11	INTEGRAL CONCRETE CURB AND GUTTER REMOVAL	125	LF	\$12.00	\$1,500.00	116.00	\$1,392.00	9.00	\$108.00	\$0.00	\$0.00	\$0.00	125.00	\$1,500.00
12	CONCRETE SIDEWALK REMOVAL	50	SF	\$100.00	\$5,000.00		\$0.00	75.00	\$7,500.00	\$0.00	\$0.00	\$0.00	75.00	\$7,500.00
13	SAWCUTTING EXISTING PAVEMENT FULL DEPTH	318	LF	\$5.00	\$1,590.00	238.00	\$1,190.00	80.00	\$400.00	\$0.00	\$0.00	\$0.00	318.00	\$1,590.00
14	INTEGRAL CONCRETE CURB AND GUTTER	125	LF	\$90.00	\$11,250.00		\$0.00	125.00	\$11,250.00	\$0.00	\$0.00	\$0.00	125.00	\$11,250.00
15	31" TYPE 'A' CONCRETE CURB AND GUTTER	44	LF	\$53.00	\$2,332.00		\$0.00	59.50	\$3,153.50	\$0.00	\$0.00	\$0.00	59.50	\$3,153.50
16	CONCRETE PAVEMENT 9-INCH	245	SY	\$113.00	\$27,685.00		\$0.00	245.00	\$27,685.00	\$0.00	\$0.00	\$0.00	245.00	\$27,685.00
17	HMA PAVEMENT, 12.5 MM SINGLE LAYER, TYPE 4LT.	5	TON	\$360.00	\$1,800.00		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	-	\$0.00
18	CONCRETE SIDEWALK 5-INCH	50	SF	\$60.00	\$3,000.00		\$0.00		\$0.00	75.00	\$4,500.00	\$0.00	75.00	\$4,500.00
19	PAVEMENT MARKING EPOXY, 4-INCH WHITE EDGE LINE	102	LF	\$35.00	\$3,570.00		\$0.00		\$0.00	102.00	\$3,570.00	\$0.00	102.00	\$3,570.00
20	RESTORATION OF LAWNS AND PARKWAYS	1	LS	\$1,000.00	\$1,000.00		\$0.00	0.50	\$500.00	0.50	\$500.00	\$0.00	1.00	\$1,000.00
21	EROSION CONTROL	1	LS	\$1,600.00	\$1,600.00	0.5	\$800.00		\$0.00	0.50	\$800.00	\$0.00	1.00	\$1,600.00
22	TRAFFIC CONTROL	1	LS	\$1,300.00	\$1,300.00	0.5	\$650.00		\$0.00	0.50	\$650.00	\$0.00	1.00	\$1,300.00
E-1	Slurry Backfill	1	LS	\$23,476.42	\$23,476.42		\$0.00		\$0.00	\$0.00	1.00	\$23,476.42	1.00	\$23,476.42
E-2	Watermain offset	1	LS	\$10,309.29	\$10,309.29		\$0.00		\$0.00	\$0.00	1.00	\$10,309.29	1.00	\$10,309.29
E-3	Valve failure pumpage	1	LS	\$2,275.00	\$2,275.00		\$0.00		\$0.00	\$0.00	1.00	\$2,275.00	1.00	\$2,275.00
<b>TOTAL ITEMS 1-22 (inclusive)</b>				<b>\$429,890.42</b>	<b>\$331,182.40</b>	<b>\$69,450.00</b>	<b>\$10,020.00</b>	<b>\$36,060.71</b>	<b>\$446,713.11</b>					

Sub-Total Completed To Date	\$446,713.11
Less Allowance for testing and approval	0% \$0.00
Less Retainage (5% to 50% complete)	0% \$0.00
<b>Total</b>	<b>\$446,713.11</b>
Less Previous Payments	\$400,492.05
<b>TOTAL PAYMENT DUE THIS PERIOD</b>	<b>\$46,221.06</b>

Recommended for Commission Approval by: Ben L. Johns Date: 07/02/2020

Contractor Final Payment Approval by: [Signature] Date: 7/2/2020

## ADMINISTRATIVE OPERATIONS

June 2020

### Comprehensive Annual Financial Report:

The Utility's Comprehensive Annual Financial Report (CAFR) has been printed and assembled. An electronic copy was submitted to the Government Finance Officers Association for the 2019 Certificate of Achievement Award. Baker Tilly Virchow Krause, LLP issued their unqualified opinion letter on the financial statements, which is included in the CAFR.

### Auditor's Report on Internal Control:

Baker Tilly Virchow Krause, LLP issued their report on internal control for the Utility. It is stated in this report that "we did not identify any deficiencies in internal control that we consider to be material weaknesses." The Utility received this statement due to the effective design and operation of controls over all aspects of financial accounting and reporting. In addition, no audit journal entries were recorded and financial statements were prepared internally.

### Workload:

Other administrative tasks included the following:

- Added 7 customer accounts for the month.
- Billed 5,116 water customers and 5,182 sewer customers.

### Gallons Billed (in thousands):

	YTD 2020	YTD 2019	YTD 2018	YTD 2017	YTD 2016	Average
Residential	204,600	194,022	199,801	200,709	201,274	200,081
Commercial	220,058	213,826	209,045	222,390	208,359	214,736
Industrial	223,915	246,550	241,913	203,918	182,265	219,712
Public Authority	5,377	6,235	6,412	6,308	7,414	6,349
Wholesale	523,692	503,092	483,299	474,282	528,320	502,537
Total	1,177,642	1,163,725	1,140,470	1,107,607	1,127,632	1,143,415
% Change to Prior Year	1.2%	2.0%	3.0%	-1.8%	N/A	
% Change to Average	3.0%	1.8%	-0.3%	-3.1%	-1.4%	

### New Customers:

	YTD 2020	YTD 2019	YTD 2018	YTD 2017	YTD 2016	Average
Residential	29	8	22	13	14	17.2
Commercial	9	8	9	13	14	10.6
Industrial	0	0	0	0	0	-
Public Authority	3	0	1	0	1	1.0
Wholesale	0	0	0	0	0	-
Total	41	16	32	26	29	28.8

**New Residential Customers (YTD 2020):**

1515 E. Maple View Drive, 1545 E. Maple View Drive, 1587 E. Maple View Drive, 3380 E. Oakwood Road, 1153 W. Morningside Lane, 1049 W. Sunrise Pass, 1053 W. Sunrise Pass, 1054 W. Sunrise Pass, 1079 W. Sunrise Pass, 1110 W. Sunrise Pass (2 accounts including lawn), 1141 W. Sunrise Pass, 9279 S. Arbor Creek Drive, 9300 S. Arbor Creek Drive, 9316 S. Arbor Creek Drive, 9325 S. Arbor Creek Drive, 9375 S. Arbor Creek Drive, 3916 E. O'Brien Road, 8418 Nighthawk Trail, 8494 S. Nighthawk Trail, 8788 S. 6<sup>th</sup> Avenue, 1316 E. Golden Lane, 1344 E. Golden Lane, 1359 E. Golden Lane, 1373 E. Golden Lane, 4020 E. Fitzsimmons Road, 9627 S. Wintergreen Drive, 9991 S. Shepard Avenue, 3980 E. Cooper Court

**New Commercial Customers (YTD 2020):**

HSI Orchard Hills, LLC (5 accounts), NHI-Reit of WI, LLC (2 accounts), SSV Oak Creek II LLC, 9079 S. 5<sup>th</sup> Avenue

**Public Authority (YTD 2020):**

Oak Creek-Franklin School District (3 accounts including soccer, concession and lawn)

# **ENGINEERING OPERATIONS**

**June, 2020**

## **Jewell Sanitary Sewer**

D.F. Tomasini is working on the Jewell Sanitary Sewer project. They are working south from E. College Avenue. The Contractor is installing sewer on the north-south leg of the plan. Work is currently near the existing lift station with the connection to the existing sanitary happening in July. This project is about 75% complete.

## **Water Master Plan**

Water Master Plan held a video workshop with WisDOT, Milwaukee County, and City of Oak Creek to discuss project planning. This is looking at 5 to 10 years out of future road work planned. CDM Smith is working on the CIP portion of the master plan.

## **Sanitary Master Plan**

Sanitary Master Plan held a video workshop to discuss the subbasin assignments for the sanitary model. MMSD was able to install the remaining flow monitoring equipment. We are receiving flow information from the stations that were installed for the model calibration. We requested an additional 2 locations for monitoring to be installed in July to verify model calibrations.

## **Rawson Avenue Water Looping Project**

Cedar Corp is working on the 1,600 LF of 12" water looping design to connect between the dead ends at 1500 E. Rawson Avenue and S. Rolling Meadows Court. We will need to coordinate with Milwaukee County, We Energies, and Union Pacific Railroad.

## **Weatherly Drive Water Looping Project**

Cedar Corp is working on the 950 LF of 8" water looping design to connect between the dead ends at S. Wilding Drive and W. Walbrook Drive along W. Weatherly Drive. PSI obtained soil borings along the proposed water main route.

## **Development Project with Utility Construction**

The following development projects which involve utility construction are actively underway:

- Highgate sanitary sewer installation is completed and water main is installed on the SE portion of the project. This has been tested but needs a final flush yet. The NW corner of the project is to be completed when the grading work is completed.
- Ryan Road Business Park – Punch list items remain.
- Orchard Hills – Punch list items remain.
- Hub13 – Sanitary work is expected to start in July.
- Residences at Oak View – Sanitary work is 80% complete on the project. The line to the clubhouse needs to be completed yet. The water main is 60% complete. The tie in to Howell is to be done in July.
- USPS – Public water and sanitary was installed and working on punch list items.

## **DISTRIBUTION & COLLECTION OPERATIONS**

**June 2020**

### **Water Main Breaks:**

On June 17<sup>th</sup>, a crew was sent to 2430 E. Puetz Rd. after a DPW Worker found water in a mysterious location. After investigation, a small leak was found in the 24" DIP main. The 24" DIP that was laid in 1968 was fixed with a repair clamp.

On June 23<sup>rd</sup>, Construction Coordinator Ricker informed us of a leak on S. Crane Dr. @ E. Poplar Ave. Crews found a leak on the 12" DIP that was installed in 1966. The leak was 4" from the tee for the 8" serving Poplar. A repair clamp was used to fix the leak.

On June 30<sup>th</sup>, a crew was sent to 7315 S. 1<sup>st</sup> St. for a break. Crews found 3 holes in the top of the 12" DIP that heaved about 45' of asphalt. The 12" main was laid in 1969. A repair clamp was used to fix the leak and Asphalt Contractors came in to repave the roadway.

### **Water Lateral Repairs:**

There were no lateral leaks repaired in the month of June. Gary's Beer and Liquor had a leak on their lateral. The Utility investigated the area of the lateral connection due to our history of leaks on the pipe in the area. During investigation, a leak was discovered on the 4" lateral.

### **Hydrant Repairs/Maintenance:**

On June 2<sup>nd</sup>, a hydrant was found leaking during flushing at 10220 S. Nicholson Rd. A new lower stem and seat assembly were installed to repair the hydrant.

On June 22<sup>nd</sup>, an Iowa hydrant at 260 E. Parkway Estates was not operating. Crews made a tool to remove the scissors assembly and replaced the broken lower coupler and stem.

On June 23<sup>rd</sup>, crews excavated a hydrant in the 2600 block of W. Ryan Rd. The barrel was broken as the result of a hit and run accident. Crews replaced the lower barrel.

Summer Workers painted 38 fire hydrants in neighborhoods. A citizen called and complimented their work on the hydrant in front of his residence.

### **Valve Repairs:**

On June 10<sup>th</sup>, two valves were rebuilt in preparation for water main replacement work happening on S. Nicholson Rd. @ E. Meadowview Dr. One valve was found inoperable during a main break in the area in December 2019. The other was a PM task since it was in the same excavation site.

On June 11<sup>th</sup>, while investigating a possible leak at 9555 S. Howell Ave. the Utility attempted to rebuild the lateral valve for the Gary's Beer and Liquor shopping center. After Gary fixed the leak on his lateral, he decided to replace 10 feet of his lateral to get him out of the Howell Ave. roadway. The Utility decided to replace the 4" gate valve on June 25<sup>th</sup> for that property due to the deteriorated condition of the valve. Work was coordinated with Gary and the local businesses.

**Sewer Repairs/Maintenance:**

Utility Workers resumed sewer cleaning and televising with improved safety measures in place.

**Miscellaneous:**

The 2019 MMSD Annual CMOM Report and WI DNW CMAR Report were submitted.

Utility workers continued Annual Flushing in June.

In June, Utility workers repaired two curb stop boxes.

Utility Workers Price, Struebing, and Maughan completed additional Connect Software training on June 5<sup>th</sup>. Manager Allard also took the training.

On June 12<sup>th</sup>, Midwest Meters came in to perform large meter testing for the Franklin meters, Caledonia meters, and our pumping stations. The Plant meters will be tested at a later date.

DISTRIBUTION GOALS 2020

JOB DESCRIPTION	GOALS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
Meter Testing & Exchanges	650	174	166	187	4	23	8							562
New Installs	50	10	11	4	11	7	3							46
Cross Connection Inspections	450	6	45	44	11	8	2							116
Industrial Inspections		8	21	26	-	9	16							80
Orion Replacements	450	43	81	62	14	12	4							216
Water Main Repairs		1	-	-	1	1	3							6
Water Lateral Repairs		1	2	-	-	-	-							3
Annual Hydrant Flushing	2,221					246	481							727
Semi-annual Flushing	109				109	-	-							109
Quarterly Flushing	2x52 (104)	52	-	-	52	-	-							104
Flush Emergency Connections	3													-
Watermain Crossings	63		63											63
Hydrant Greasing - Caps	2,221					246	481							727
Hydrant Greasing - Packing	25													-
Hydrant Painting	150						38							38
Winterize Hydrants	72													-
Clean Sewers	185,000	546.0	7,173.0	24,172.0	-	-	12,125.0							44,016.0
Camera Sewers	185,000	365.0	7,173.0	23,430.0	216.4	121.4	12,125.0							43,430.8
Root treatment		13,897	1,513											15,410
Manhole Maintenance Flowlines														-
Grout Manholes	25													-
Repair Manhole Chimneys														-
Replace Manhole Cover Seals		1	2	2										5
Check Problem Sewers	4x58 (232)	58			58									116
Check Remote Sewer Mains	42													-
Check Remote Water Mains	28													-
Operate Valves	1,000													-
Valve Boxes Repaired or Adjusted		9	5	6	4	2								26
Stop Boxes Repaired or Adjusted		3	1	4		5	1							14
Concrete/Asphalt/Landscaping		1				9								10
Catholic Protection Tests	11													-
Winterize Equipment												Due		
Summerize Equipment				Done	Done									
Run All Equipment				Done	Done						Due			
Tier II Report		Done												
MMSD Annual CMOM Report							Done							
DNR eCMAR							Done							
Cross Connection Survey			Done											

## PLANT OPERATIONS

June, 2020

<b>PUMPAGE REPORT</b>	<b>2020</b>	<b>2019</b>	<b>% Change</b>	<b>5 Year %</b>
Monthly Pumpage	269,068,100	245,144,500	+9.7	+7.5
Monthly Average Day	8,968,937	8,171,483	+9.7	+7.5
Monthly Peak Day	(6/19) 11,390,000	(06/02) 9,820,000	+16.0	+26.6
Yearly Pumpage	1,364,005,600	1,309,037,500	+4.2	+5.6
Yearly Average Day	7,494,536	7,232,251	+4.2	+5.0
Yearly Peak Day	(6/19) 11,390,000	(06/02) 9,820,000	+16.0	+10.5
West Zone Pumpage	128,370,000	104,480,000	+22.9	+11.9
West Zone Yearly Total	623,780,000	570,918,000	+9.3	+5.7

<b>WATER QUALITY REPORT</b>	<b>Raw Water</b>	<b>Finished Water</b>
Average Free Chlorine		1.55 mg/l
Total Chlorine		1.72 mg/l
Average Alkalinity	110.4 mg/l	111.7 mg/l
Average pH	8.4	8.2
Average Fluoride	0.14 mg/l	0.75 mg/l
Average Turbidity	3.25 NTU	0.03 NTU
High Temperature	<b>High 57.7 F Low 53.8 F</b>	
Hardness	137 mg/l	137 mg/l

**Preventative Maintenance Tasks:** Staff completed 158 preventative maintenance tasks and 2 safety sessions during the month.

**Work Orders:** Staff completed 5 work orders. Some of the tasks include seasonal installation of the carbon feeder, repairing Chlorine leaks, and removing old light pole bases

**Plant:** Work has resumed on the upper Kathabar installation with approximately 90% work completed. Staff has continued with extra cleaning and disinfecting measures due to the Pandemic. Operator Knoblock is the new maintenance relief operator at the Treatment Plant. A new landscaping plan is underway at the Treatment Plant.



