

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, August 13, 2019, 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 6th Street, Oak Creek, Wisconsin, 53154.

DATED, at Oak Creek, Wisconsin, this the 9th day of August, 2019.

/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 August 13, 2019	Headquarters Building 170 West Drexel Avenue

1.0 OPENING OF MEETING

- 1.1 Roll Call
- 1.2 Minutes Approval - Regular Meeting 07-09-19

2.0 CLOSED SESSION

- 2.1 Closed session in accordance with Section 19.85 (1) (e) and (g) of the Wisconsin State Statutes for the following purpose:
 - A. Sewer Connection Repair Reimbursement-8436 S. Howell Avenue
 - B. Wholesale Water Service Agreement
- 2.2 Consider a Motion to Take Action, if Required.

3.0 PROJECT APPROVALS

- 3.1 Highgate Approval

4.0 MISCELLANEOUS MATTERS

- 4.1 General Services Amendment with Jacobs
- 4.2 Hydraulic Pipe Chain Saw Purchase
- 4.3 Lawrence Connection Agreement
- 4.4 DHS Fluoridation Award

5.0 FINANCIAL MATTERS

- 5.1 Project Payment Approval
- 5.2 Voucher Approval
- 5.3 Utility Investments
- 5.4 Financial Statements

6.0 ADMINISTRATIVE & OPERATIONS REPORTS

- 6.1 Aldermanic Report
- 6.2 Administrative Operations Report
- 6.3 Engineering Operations Report
- 6.4 Distribution Operations Report
- 6.5 Plant Operations Report
- 6.6 Manager's Report

7.0 ADJOURN

Highgate Development Approval

Date: August 13, 2019

RECOMMENDATION: That the Commission consider a motion to approve the Highgate Development for the extension of public water main and sanitary sewer at 7869 S 13th Street.

Highgate, LLC has requested the extension of the public water main and sanitary sewer for the commercial development at 7869 S. 13th Street. The 23-acre parcel will be developed on the northwest corner of S. 13th Street and W. Drexel Avenue. A credit union has already been approved by Plan Commission for the site. The developer is funding the improvements for the project. The project is proposing the following improvements.

Water main

2,500 LF of 12" C-900 PVC water main

9 EA 12" Valves

6 EA Hydrants and valves

Appurtenances

Connection to existing water main

Estimated project cost \$556,065

Public Sanitary Sewer

1,944 LF of 8" PVC

8 - 48" Dia. Manholes

Connection to existing Sanitary

Estimate project cost \$366,890

Amendment #2 to the Professional Services Agreement with CH2M Hill Engineers, Inc.

Date: August 13, 2019

RECOMMENDATION: That the Commission consider a motion to authorize the Utility Engineer to amend the existing professional services agreement with CH2M Hill Engineers, Inc. in the not to exceed amount of \$50,000.

The Utility has contracted with CH2M Hill (Jacobs) for several years to provide treatment plant engineering services. They are the consultant currently working on the Water Treatment Plant locker room project and the Control Room upgrade project. The original contract was started in 2012 and the first amendment was in 2014. Services under the general services contract usually are not associated with a specific capital project. Currently, there is about \$15,000 remaining on the existing contract. These funds will be used with the control room upgrade project.

The renewed agreement will allow staff to engage Jacobs on an as-needed basis to assist in future miscellaneous engineering services at the treatment plant. The contract will be limited to \$50,000 before requiring additional Commission approval. On average we have spent \$28,000 per year over the past 7 years with Jacobs on various projects.

Sanitary Sewer Service Connection Agreement Approval

Date: August 13, 2019

RECOMMENDATION: That the Commission consider a motion to approve the sanitary service connection agreement for 9080 S. Shepard Avenue.

A request for sanitary service was received from James E. Lawrence Jr. and Angela T. Lawrence at 9080 S. Shepard Avenue. There is no public sanitary sewer main in front of this property and the master plan does not call for an extension. There is a sanitary sewer on the property adjacent to this parcel. Since they have not been special assessed for sewer service they would need to pay the connection agreement fee for receiving sewer service. The property owner will install a grinder pump system into the last sewer manhole.

The connection fee is based on the current special assessment rate of \$94.00 per foot times the minimum lot frontage per the Zoning Code (80 feet). The total connection fee is \$7,520.00. The agreement details that if local sewer main is installed in Shepard Avenue in the future they will have to pay the special assessment costs minus this \$7,520.00.

The Lawrence's have signed the connection agreement and paid the fee.

APPLICATION AND CERTIFICATION FOR PAYMENT AIA DOCUMENT G702

TO (OWNER): City of Oak Creek
 7300 S. 13th Street
 Oak Creek, WI 53154

FROM (CONTRACTOR):
 William Sackerson Constr. Co., Inc.
 PO Box 100318
 Cudahy, WI 53110
 CONTRACT FOR: General Construction

PROJECT: City of Oak Creek Water Treatment Plant Locker Rooms

VIA (ARCHITECT):
 CH2M Hill
 135 S. 84th St.
 Milwaukee, WI 53214

APPLICATION NO: 7
 PERIOD TO: 7/25/19
 ARCHITECT'S
 PROJECT NO: 460402

Distribution to:
 OWNER
 ARCHITECT
 CONTRACTOR

CONTRACT DATE: 10/1/18

CONTRACTOR'S APPLICATION FOR PAYMENT

CHANGE ORDER SUMMARY		ADDITIONS	DEDUCTIONS
Change Order approved in previous months by owner			
TOTAL			
Approval this Month			
Number	Date Approved		
1	2/28/19	4,576.55	
TOTALS		4,576.55	
Net change by change Orders		4,576.55	

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR: William Sackerson Constr. Co., Inc.

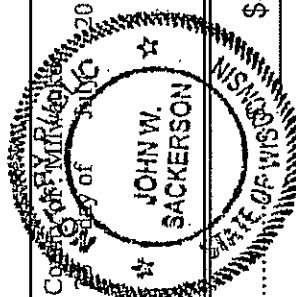
By: [Signature] Date: 7/25/2019

Application is made for Payment, as shown below, in connection with the Contract, Continuation Sheet, AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM \$ 223,500.00
2. Net change by Change Orders \$ 4,576.55
3. CONTRACT SUM TO DATE (Line 1 ± 2) \$ 228,076.55
4. TOTAL COMPLETED & STORED TO DATE \$ 228,076.55
 (Column G on G703)
5. RETAINAGE:
 a. 5 % of 50% of Contract \$ 5,701.91
 (Column D + E on G703)
 b. _____ % of Stored Material \$ _____
 (Column F on G703)
 Total Retainage (Line 5a + 5b or Total in Column I of G703) \$ 5,701.91
6. TOTAL EARNED LESS RETAINAGE \$ 222,374.64
 (Line 4 less Line 5 Total)
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate) \$ 186,863.16
8. CURRENT PAYMENT DUE \$ 35,511.48
9. BALANCE TO FINISH, PLUS RETAINAGE \$ 5,701.91
 (Line 3 less Line 6)

State of Wisconsin
 Subscribed and sworn to before me this July of 2019

Notary Public: John Sackerson
 My Commission expires: 11/12/22



ARCHITECT'S CERTIFICATION FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED \$ 35,511.48

(Attach explanation if amount certified differs from the amount applied for.)

ARCHITECT: Richard Siebers Date: July 26, 2019

AIA Document G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing Contractor's signed Certification is attached.

Application Number: 7
 Application Date: 7/25/2019
 Period To: 7/25/2019
 Architect's Project No:

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED		E THIS PERIOD	F MATERIALS PRESENTLY STORED (Not in D or E)	G TOTAL COMPLETED AND STORED TO DATE (D+E+F)	H BALANCE TO FINISH (C-G)	I RETAINAGE
			FROM PREV. APPLICATION (D+E)						
1	Bond	3,000.00	3,000.00		0.00	0.00	3,000.00	0.00	0.00
2	Submittals	4,000.00	4,000.00		0.00	0.00	4,000.00	0.00	0.00
3	Mobilization	6,000.00	6,000.00		0.00	0.00	6,000.00	0.00	0.00
4	Demolition	20,000.00	20,000.00		0.00	0.00	20,000.00	0.00	0.00
5	Masonry	45,000.00	45,000.00		0.00	0.00	45,000.00	0.00	0.00
6	Carpentry	5,000.00	2,500.00	2,500.00	0.00	0.00	5,000.00	0.00	0.00
7	Frames, Doors & Hardware	7,000.00	7,000.00	0.00	0.00	0.00	7,000.00	0.00	0.00
8	Drywall	2,800.00	2,800.00	0.00	0.00	0.00	2,800.00	0.00	0.00
9	Tile	16,000.00	15,200.00	800.00	0.00	0.00	16,000.00	0.00	0.00
10	Acoustical	4,100.00	3,075.00	1,025.00	0.00	0.00	4,100.00	0.00	0.00
11	Paint	8,600.00	8,600.00	0.00	0.00	0.00	8,600.00	0.00	0.00
12	Toilet Partitions	5,000.00	2,500.00	2,500.00	0.00	0.00	5,000.00	0.00	0.00
13	Toilet Accessories	2,700.00	1,350.00	1,350.00	0.00	0.00	2,700.00	0.00	0.00
14	Lockers	10,500.00	2,625.00	7,875.00	0.00	0.00	10,500.00	0.00	0.00
15	Window Shades	900.00	0.00	900.00	0.00	0.00	900.00	0.00	0.00
16	Plumbing	40,000.00	34,000.00	6,000.00	0.00	0.00	40,000.00	0.00	0.00
17	HVAC	23,000.00	16,100.00	6,900.00	0.00	0.00	23,000.00	0.00	0.00
18	Electrical	19,900.00	14,925.00	4,975.00	0.00	0.00	19,900.00	0.00	0.00
101	CO #1	4,576.55	3,890.07	686.48	0.00	0.00	4,576.55	0.00	0.00
Totals		228,076.55	192,565.07	35,511.48	0.00	0.00	228,076.55	0.00	0.00

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

PROJECT NO. 19101-Wildwood Drive Water and Sewer Relays

Item No.	Item Description	Bid Quantity	Unit	Wilkomm Excavating & Grading, Inc. 17108 County Line Road, Union Grove, WI 53182		Partial Payment No. 1 July 9, 2019		Partial Payment No. 2 August 13, 2019		PROJECT TOTAL	
				Price	Total Price	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete
1	8-INCH PVC WATER MAIN 1-1/4" TBBF	1799.00	LF	\$144.00	\$259,058.00	915.00	\$131,760.00	885.00	\$127,440.00	1,800.00	\$259,200.00
2	CONNECT TO EXISTING 8" WATER MAIN	9.00	EA	\$5,174.00	\$46,566.00	4.00	\$20,696.00	5.00	\$25,870.00	9.00	\$46,566.00
3	8-INCH WATER MAIN STRUCTURAL LINING	125.00	LF	\$468.00	\$58,500.00		\$0.00	123.00	\$57,564.00	123.00	\$57,564.00
4	6-INCH WATER LATERAL RECONNECTION	3.00	EA	\$6,529.00	\$19,587.00		\$0.00		\$0.00	-	\$0.00
5	3-INCH WATER LATERAL RECONNECTION	2.00	EA	\$5,306.00	\$10,612.00	1.00	\$5,306.00	1.00	\$5,306.00	2.00	\$10,612.00
6	WATER SERVICE LATERAL RECONNECTION	6.00	EA	\$2,535.00	\$15,210.00	1	\$2,535.00	4	\$10,140.00	5.00	\$12,675.00
7	8" GATE VALVE & BOX	13.00	EA	\$1,928.00	\$25,064.00	6	\$11,568.00	7	\$13,496.00	13.00	\$25,064.00
8	6" GATE VALVE & BOX	5.00	EA	\$1,512.00	\$7,560.00	2.00	\$3,024.00		\$0.00	2.00	\$3,024.00
9	3" GATE VALVE & BOX	2.00	EA	\$1,290.00	\$2,580.00		\$0.00		\$0.00	-	\$0.00
10	WATER MONITORING ASSEMBLY	1.00	LS	\$2,067.00	\$2,067.00		\$0.00	1.00	\$2,067.00	1.00	\$2,067.00
11	HYDRANT & LEAD	2.00	EA	\$6,250.00	\$12,500.00	1.00	\$6,250.00	1.00	\$6,250.00	2.00	\$12,500.00
12	SALVAGE HYDRANT	1.00	EA	\$2,600.00	\$2,600.00		\$0.00	1.00	\$2,600.00	1.00	\$2,600.00
13	REMOVE GATE VALVE & BOX	6.00	EA	\$1,656.00	\$9,936.00	2.00	\$3,312.00	2.00	\$3,312.00	4.00	\$6,624.00
14	ABANDON GATE VALVE	12.00	EA	\$563.00	\$6,756.00		\$0.00	13.00	\$7,319.00	13.00	\$7,319.00
15	8-INCH PVC SANITARY SEWER SDR-35, 1-1/4" TB BACKFILL	52.00	LF	\$328.00	\$17,056.00	52.00	\$17,056.00		\$0.00	52.00	\$17,056.00
16	8-INCH PVC SANITARY SEWER SDR-35, SPOIL BACKFILL	37.00	LF	\$264.00	\$9,768.00	37.00	\$9,768.00		\$0.00	37.00	\$9,768.00
17	8-INCH PVC SANITARY SEWER C900 JACK AND BORE	94.00	LF	\$997.00	\$93,718.00	94.00	\$93,718.00		\$0.00	94.00	\$93,718.00
18	12-INCH PVC SANITARY SEWER SDR-35, 1-1/4" TB BACKFILL	24.00	LF	\$452.00	\$10,848.00	24.00	\$10,848.00	3.50	\$1,582.00	27.50	\$12,430.00
19	27-INCH RCP SANITARY SEWER CL-IV, 1-1/4" TB BACKFILL	36.00	LF	\$719.00	\$25,884.00	35.00	\$25,165.00	2.50	\$1,797.50	37.50	\$26,962.50
20	27-INCH RCP SANITARY SEWER CL-IV, SPOIL BACKFILL	59.00	LF	\$482.00	\$28,438.00	50.00	\$24,100.00	9.00	\$4,338.00	59.00	\$28,438.00
21	SANITARY SEWER MANHOLE 48" I.D.	25.00	VF	\$763.00	\$18,825.00	20.00	\$15,060.00	5.00	\$3,765.00	25.00	\$18,825.00
22	SANITARY SEWER MANHOLE 60" I.D.	55.00	VF	\$905.00	\$49,775.00	50.00	\$45,250.00	5.00	\$4,525.00	55.00	\$49,775.00
23	ABANDON 8-INCH SANITARY SEWER	133.00	LF	\$26.00	\$3,458.00		\$0.00	149.00	\$3,874.00	149.00	\$3,874.00
24	REMOVE 8-INCH SANITARY SEWER	35.00	LF	\$247.00	\$8,645.00		\$0.00	23.00	\$5,681.00	23.00	\$5,681.00
25	REMOVE 12-INCH SANITARY SEWER	26.00	LF	\$200.00	\$5,200.00	26.00	\$5,200.00	1.50	\$300.00	27.50	\$5,500.00
26	REMOVE 27-INCH SANITARY SEWER	97.00	LF	\$110.00	\$10,670.00	90.00	\$9,900.00	6.50	\$715.00	96.50	\$10,615.00
27	REMOVE SANITARY MANHOLE	2.00	EA	\$8,956.00	\$17,912.00	2.00	\$17,912.00		\$0.00	2.00	\$17,912.00
28	CONNECT TO EXISTING SANITARY SEWER	4.00	EA	\$344.00	\$1,376.00	4.00	\$1,376.00		\$0.00	4.00	\$1,376.00
29	CONCRETE PAVEMENT REMOVAL	1168.00	SY	\$5.00	\$5,840.00	204.00	\$1,020.00	896.00	\$4,480.00	1,100.00	\$5,500.00
30	CONCRETE CURB AND GUTTER REMOVAL	312.00	LF	\$9.00	\$2,808.00	20.00	\$180.00	286.00	\$2,574.00	306.00	\$2,754.00
31	CONCRETE SIDEWALK REMOVAL	134.00	SF	\$4.00	\$536.00	15.00	\$60.00	119.00	\$476.00	134.00	\$536.00
32	SAWCUTTING EXISTING PAVEMENT FULL DEPTH	4251.00	LF	\$2.00	\$8,502.00	2,041.00	\$4,082.00	2,041.00	\$4,082.00	4,082.00	\$8,164.00
33	31"-42" TYPE "C" CONCRETE CURB AND GUTTER	258.00	LF	\$80.00	\$20,640.00		\$0.00		\$0.00		\$0.00
34	INTEGRAL CONCRETE CURB AND GUTTER	54.00	LF	\$56.00	\$3,024.00		\$0.00		\$0.00		\$0.00
35	CONCRETE SIDEWALK 5-INCH	134.00	SF	\$20.00	\$2,680.00		\$0.00		\$0.00		\$0.00
36	CONCRETE PAVEMENT 7-INCH	1168.00	SY	\$96.00	\$112,128.00		\$0.00		\$0.00		\$0.00
37	RESTORATION OF LAWNS AND PARKWAYS	1.00	LS	\$6,225.00	\$6,225.00		\$0.00	1.00	\$6,225.00	1.00	\$6,225.00
38	EROSION CONTROL	1.00	LS	\$2,255.00	\$2,255.00	0.50	\$1,127.50		\$0.00	0.50	\$1,127.50
39	TRAFFIC CONTROL	1.00	LS	\$3,675.00	\$3,675.00	0.50	\$1,837.50		\$0.00	0.50	\$1,837.50
40	TRENCH EBS (UNDISTRIBUTED)	80.00	CY	\$34.00	\$2,720.00		\$0.00		\$0.00	-	\$0.00
41	DENSE GRADED BASE (3") (UNDISTRIBUTED)	160.00	TON	\$28.00	\$4,160.00		\$0.00		\$0.00	-	\$0.00
C-1	Change Sanitary pipe to "Unlined"	1.00	LS	-\$6,200.00	-\$6,200.00	1.00	-\$6,200.00		\$0.00	1.00	-\$6,200.00
C-2	Remove items 33-36	1.00	LS	-\$138,472.00	-\$138,472.00	1.00	-\$138,472.00		\$0.00	1.00	-\$138,472.00
TOTAL ITEMS 1-41 (inclusive)					\$955,360.00		\$468,111.00		\$305,778.50		\$767,689.50

Sub-Total Completed To Date	\$767,689.50
Less Allowance for testing and approval	10% \$0.00
Less Retainage (5% to 50% complete)	5% -\$23,884.00
Total	\$743,805.50
Less Previous Payments	\$400,234.90
TOTAL PAYMENT DUE THIS PERIOD	\$343,570.60

Recommended for Commission Approval by: B. J. [Signature] Date: 8-5-19

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

PROJECT NO. 19102 - East Fitzsimmons Road Water Main Extension

		D.F. Tomasini Contractors, Inc. N70W25176 Indian Grass Lane Sussex, WI 53089			Partial Payment No. 1 August 13, 2019		PROJECT TOTAL	
Item No.	Item Description	Bid Quantity	Unit Price	Total Price	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete
1	12-INCH PVC WATER MAIN 1-1/4" TBBF	634 LF	\$220.00	\$139,480.00	600.00	\$132,000.00	600.00	\$132,000.00
2	CONNECT TO EXISTING 12" WATER MAIN	2 EA	\$10,000.00	\$20,000.00	1.00	\$10,000.00	1.00	\$10,000.00
3	12" GATE VALVE & BOX	1 EA	\$5,000.00	\$5,000.00	1.00	\$5,000.00	1.00	\$5,000.00
4	WATER SERVICE LATERAL RECONNECTION	16 EA	\$4,000.00	\$64,000.00		\$0.00	-	\$0.00
5	HYDRANT, LEAD, & 6-INCH GATE VALVE	1 EA	\$10,000.00	\$10,000.00	1.00	\$10,000.00	1.00	\$10,000.00
6	SALVAGE HYDRANT	1 EA	\$2,500.00	\$2,500.00		\$0.00	-	\$0.00
7	REMOVE GATE VALVE & BOX	1 EA	\$1,800.00	\$1,800.00		\$0.00	-	\$0.00
8	ABANDON GATE VALVE	1 EA	\$500.00	\$500.00	1.00	\$500.00	1.00	\$500.00
9	CONCRETE PAVEMENT REMOVAL	545 SY	\$8.50	\$4,632.50	320	\$2,720.00	320.00	\$2,720.00
10	ASPHALT PAVEMENT REMOVAL	24 SY	\$20.00	\$480.00	14.00	\$280.00	14.00	\$280.00
11	CONCRETE CURB AND GUTTER REMOVAL	100 LF	\$13.00	\$1,300.00		\$0.00	-	\$0.00
12	SAWCUTTING EXISTING PAVEMENT FULL DEPTH	1,690 LF	\$2.00	\$3,380.00	1,770.00	\$3,540.00	1,770.00	\$3,540.00
13	31" TYPE "C" CONCRETE CURB AND GUTTER	100 LF	\$61.00	\$6,100.00		\$0.00	-	\$0.00
14	CONCRETE PAVEMENT 7-INCH	545 SY	\$67.00	\$36,515.00		\$0.00	-	\$0.00
15	HMA PAVEMENT, TYPE 5LT, PG 58-28 S	3 TON	\$600.00	\$1,800.00		\$0.00	-	\$0.00
16	HMA PAVEMENT, TYPE 3LT, PG 58-28 S	6 TON	\$400.00	\$2,400.00		\$0.00	-	\$0.00
17	CONCRETE SIDEWALK REMOVAL	40 SF	\$12.00	\$480.00		\$0.00	-	\$0.00
18	CONCRETE SIDEWALK 5-INCH	40 SF	\$16.50	\$660.00		\$0.00	-	\$0.00
19	PAVEMENT MARKING EPOXY, 4-INCH WHITE CROSSWALK	104 LF	\$24.00	\$2,496.00		\$0.00	-	\$0.00
20	PAVEMENT MARKING EPOXY, 12-INCH WHITE STOP BAR	20 LF	\$42.00	\$840.00		\$0.00	-	\$0.00
21	RESTORATION OF LAWNS AND PARKWAYS	1 LS	\$6,000.00	\$6,000.00		\$0.00	-	\$0.00
22	EROSION CONTROL	1 LS	\$2,500.00	\$2,500.00	0.50	\$1,250.00	0.50	\$1,250.00
23	TRAFFIC CONTROL	1 LS	\$6,000.00	\$6,000.00	0.50	\$3,000.00	0.50	\$3,000.00
TOTAL ITEMS 1-23 (Inclusive)				\$318,863.50		\$168,290.00		\$168,290.00

Sub-Total Completed To Date	\$168,290.00
Less Allowance for testing and approval	10% -\$16,829.00
Less Retainage (5% to 50% complete)	5% -\$7,573.05
Total	\$143,887.95
Less Previous Payments	\$0.00
TOTAL PAYMENT DUE THIS PERIOD	\$143,887.95

Recommended for Commission Approval by: *R-2 JH* Date: 8-5-19

ADMINISTRATIVE OPERATIONS

July 2019

Customer Payment Option Status:

As of July 31, the Utility has 1,141 customers registered for the ACH payment program, which represents 11.98% of all Utility customers. The Utility had 1,164 customers in 2018 and 1,032 in 2017 registered for this payment method.

As of July 31, the Utility has 2,425 customers registered for PSN's online billing services, which represents 25.46% of all Utility customers. Of these customers, 875 have opted out of receiving paper bills. The Utility had 2,119 customers in 2018 and 1,731 in 2017 registered for this payment method. Of these customers, 773 opted out of receiving paper bills in 2018 and 632 opted out in 2017.

Workload:

Other administrative tasks included the following:

- Added 4 customer account for the month.
- Billed 905 water customers and 931 sewer customers.

Gallons Billed (in thousands):

	YTD 2019	YTD 2018	YTD 2017	YTD 2016	YTD 2015	Average
Residential	200,816	207,041	208,196	209,244	208,289	206,717
Commercial	249,530	248,996	264,552	250,595	246,836	252,102
Industrial	292,092	287,563	239,065	226,273	220,506	253,100
Public Authority	6,388	6,580	6,688	7,524	12,141	7,864
Wholesale	736,756	727,633	714,921	795,630	830,720	761,132
Total	1,485,582	1,477,813	1,433,422	1,489,266	1,518,492	1,480,915
% Change to Prior Year	0.5%	3.1%	-3.7%	-1.9%	N/A	
% Change to Average	0.3%	-0.2%	-3.2%	0.6%	2.5%	

New Customers:

	YTD 2019	YTD 2018	YTD 2017	YTD 2016	YTD 2015	Average
Residential	11	23	13	15	14	15.2
Commercial	9	11	15	16	7	11.6
Industrial	0	0	0	0	1	0.2
Public Authority	0	1	0	2	1	0.8
Wholesale	0	0	0	0	0	-
Total	20	35	28	33	23	27.8

New Residential Customers (YTD 2019):

9001 S. 15th Avenue, 8840 S. 6th Avenue, 8850 S. 6th Avenue, 1800 E. Lilac Lane, 8426 S. Nighthawk Trail, 3972 E. Cooper Court, 10032 S. Macintosh Lane, 10015 S. Shepard Avenue, 10385 S. Redwood Lane, 10731 S. Nicholson Road, 10731 S. Nicholson Road (lawn)

New Commercial Customers (YTD 2019):

Verizon Wireless, EVCAP Oak Creek LLC, Dr. Hartman/Dr. Tolzman, 120 W. Town Square Way (Ste 200), 120 W. Town Square Way (Ste 300), Oakview Industrial Property, The Waters of Oak Creek, HSI Drexel Ridge, I-Kenosha, LLC

ENGINEERING OPERATIONS

July 2019

Wildwood Drive Water and Sewer Replacement Project

The project is substantially complete. The sanitary and water is installed and operational. Willkomm has some restoration and punch list items to complete. The project is moving over to the City road work. There was additional damage to the pavement from the Utility work. This is mostly due to the poor initial road condition. The concrete broke up from the equipment and trench work. We are working with the City since all of the concrete work was removed from our contract with Willkomm.

E. Fitzsimmons Water Relay

DF Tomasini started work on the E. Fitzsimmons water main relay project. This is 630 LF of 12" PVC water main relay. The work is from S. Darlene Lane west 650 feet. This will impact 16 residential laterals along the project. The work should be completed in August.

Jewell Street Sanitary Sewer

The survey work and soil borings were completed on the property. raSmith is continuing to work on the design of the gravity sewer.

Howell Avenue, Ridgeview, and Quail Run Water Loops

Strand has submitted 90% plans for the 3 projects to be reviewed. We have obtained the right of entry permits for MATC and Mike Polaski properties. The soil boring and additional survey work that is required will be completed in August. The work on Ridgeview will be included but all work is to be done within the existing easement.

Sanitary Master Plan

The RFP for the Sanitary Master Plan was sent out to 17 engineering firms. We received 6 proposals for the work. The review of the proposals will take place in August.

Development Project with Utility Construction

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

Ryan Business Park (13th Street and Ryan Road) hydrants relocated along 13th Street, Sanitary Sewer work to remove the siphon has not started yet, Bartel Court water main construction started

East Brooke Phase 2

Orchard Hills

Creekside Marketplace

Rawson Business Center

HSA 6th and Rawson

DISTRIBUTION & COLLECTION OPERATIONS

July 2019

Water Main Breaks:

There were no main breaks in July.

Water Lateral Repair:

On July 16th a crew was sent to 8900 South 27th Street to repair a 1¼" copper lateral. K&S Energy was replacing the gas main in the area when the lateral was hit. The lateral was not marked as a delivery truck was parked over it when the locate was done.

Valve Repair:

On July 23rd a crew was sent to 6911 South 20th Street to replace the operating nut and the packing bolts. This is in the City's 2019 road project area.

In July the Utility repaired and adjusted 13 valve boxes in roads scheduled for resurfacing in 2019

Fire Hydrant Maintenance:

On July 9th a crew was sent to adjust three hydrants on South 13th Street to final grade for the road project.

On July 10th a crew was sent to 9941 South Ridgeview Drive to repair the hydrant used for the fill station. The drain valve tube needed replacing.

On July 12th a crew was sent to 6826 South 13th Street to repair a hit hydrant. This hydrant is located in Bliffert's lumber back yard. It is unknown who hit the hydrant but, Bliffert Lumber did supply two I-Beams that were installed to protect it from further damage.

In July summer workers started painting hydrants.

Sewers Repairs:

In the month of July Utility Service Workers performed maintenance including checking problem sewers and replacing manhole cover seals along with cleaning and televising of mains.

Miscellaneous:

In the month of July Utility Service Workers completed flushing and sampling of quarterly dead ends.

In the month of July Utility workers completed 1 restoration project from previous water main and lateral repairs.

PLANT OPERATIONS

July, 2019

PUMPAGE REPORT	2019	2018	% Change	5 Year %
Monthly Pumpage	301,500,000	295,978,000	+1.8	-1.6
Monthly Average Day	9,725,806	9,548,000	+1.9	-2.4
Monthly Peak Day	(07/17)12,280,000	(07/11)12,110,000	+1.4	-6.1
Yearly Pumpage	1,610,438,500	1,588,909,000	+1.4	+1.0
Yearly Average Day	7,596,408	7,495,000	+1.4	+1.7
Yearly Peak Day	(07/17)12,280,000	(07/11)12,110,000	+1.4	+5.7
West Zone Pumpage	144,300,000	137,180,000	+5.2	-12.8
West Zone Yearly Total	715,218,000	719,780,000	-0.6	+7.1

WATER QUALITY REPORT	Raw Water	Finished Water
Average Free Chlorine		1.56 mg/l
Total Chlorine		1.71 mg/l
Average Alkalinity	109.7 mg/l	110.6 mg/l
Average pH	8.3	8.2
Average Fluoride	0.18 mg/l	0.69 mg/l
Average Turbidity	2.65 NTU	0.032 NTU
High Temperature	High 64.0 F Low 48.3 F	
Hardness	137 mg/l	120 mg/l

Preventative Maintenance Tasks: Staff completed 154 preventative maintenance tasks and 12 safety sessions during the month.

Work Orders: Staff completed 12 work orders. Some of the tasks include: repairing chlorine leaks, repairing chemical feed pumps, replacing an air compressor motor, and repairing several roof leaks.

Plant: Work is complete on the locker room update with just punch list items remaining. Computer updates are in progress and should be completed soon. The Treatment Plant parking lots were sealed and striped, the new air conditioning unit has been installed. The first round of UCMR4 testing has been completed. Plant Manager Robe attended management training on July 16th.

