

## 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 9, 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 6<sup>th</sup> Street, Oak Creek, Wisconsin, 53154.

**DATED**, at Oak Creek, Wisconsin, this the 3rd day of July, 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 July 9, 2019	Headquarters Building 170 West Drexel Avenue

- 1.0 OPENING OF MEETING**
  - 1.1 Roll Call
  - 1.2 Minutes Approval - Regular Meeting 06-18-19
- 2.0 CLOSED SESSION**
- 3.0 PROJECT APPROVALS**
- 4.0 MISCELLANEOUS MATTERS**
  - 4.1 Strand Amendment for Ridgeview, Howell and Quail Run
  - 4.2 Meter Reading Software Upgrade
  - 4.3 Sanitary Sewer Rehabilitation Program Change Order No. 1
  - 4.4 Forest Hill Avenue Water Main Extension Change Order No. 2
- 5.0 FINANCIAL MATTERS**
  - 5.1 Project Payment Approval
  - 5.2 Voucher Approval
  - 5.3 Utility Investments
- 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**

**Professional Services Agreement with Strand for Amendment No. 1 to 2017 Water Supply Project Design Services**

Date: July 9, 2019

**RECOMMENDATION: That the Commission consider a motion to authorize the Utility Engineer to enter into an agreement with Strand for providing general engineering services in the design of the Howell Avenue, Ridgeview and Quail Run water main loops in the not to exceed amount of \$56,400.**

The Commission authorized the Utility Engineer to enter into a contract with Strand at the March 14, 2017 Commission meeting for the General Engineering Services for the 2017 Capital Improvement Plans. The original contact was for \$110,000 split between 3 design projects. The Well Abandonment project was \$31,700. The Valve cut in project was \$33,600. The water main looping projects were \$44,700. The plans have been revised through the design process and locations changed. The request for additional design funding is needed to complete the plan set and get the project out to bid. The amendment will also prepare the easement documents needed for the projects. This will bring the design total for the 3 projects to \$101,100. In the 2017 Capital Improvement budget \$375,000 was approved for Ridgeview, Howell, and Quail Run projects. This budget will need to be amended for the construction of the 3 projects in the future. The Utility will need to obtain easements for the water to be installed on these projects.

## METER READING SOFTWARE UPGRADE

Date: July 9, 2019

**RECOMMENDATION: That the Commission consider a motion to authorize the Accounting Supervisor and Distribution Manager to enter into an agreement with Badger Meter for the replacement of the ReadCenter meter reading software to Beacon in the amount of \$20,681.60 and amend the capital budget by the same amount.**

The Utility is currently using ReadCenter for its meter reading software, which was purchased in 2010 to replace Connect. The annual service agreement cost for ReadCenter is currently \$1,560. Effective June 1, 2020 the ReadCenter software will no longer be supported. The replacement software from Badger Meter is Beacon, which is a cloud-based program. As a package deal, the Radix hand held data collector that was purchased in 2005 will be replaced also.

### **Up Front Costs:**

Beacon Engagement Fee	\$5,600.00
Mobile Hand Held Data Collector	\$7,500.00
Training (2 Days)	\$3,600.00
Orion ME Registers (48 @ \$82.95)	<u>\$3,981.60</u>
Total	<u>\$20,681.60</u>

### **Annual Operating Costs Beginning in Year 2 (Year 1 costs are waived):**

Mobile Read Service Unit License	\$1,500.00
Mobile Read User Service Unit	\$720.00
Mobile Hosting Service Unit	<u>\$4,800.00</u>
Total	<u>\$7,020.00</u>

Enclosures (1): Change Order No. 1 Authorization Sheet.

**CHANGE ORDER AUTHORIZATION  
CHANGE ORDER NO. 1  
PROJECT NO. 17105**

**2017 Sanitary Sewer Rehabilitation Program**

INITIATED BY THE OAK CREEK WATER AND SEWER UTILITY  
DATE INITIATED: November 25, 2018

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	Manhole Flat Top	1 LS	\$1,500.00	\$1,500.00
E-2	Reinstatement of Unknown Lateral	1 LS	\$600.00	\$600.00
E-3	Grout unknown leak	1 LS	\$600.00	\$600.00
E-4	Cut/Grind "Break-In" tap 211 Burrell St.	1 LS	\$1,312.50	\$1,312.50
	<b>TOTAL CHANGE ORDER</b>			<b>\$4,012.50</b>

E = Contract Extra, C = Contract Credit

This work, performed under the 2016 Sanitary Sewer Rehabilitation Program contract, is hereby agreed upon and has been performed as indicated under the contract for Project No. 17105, Change Order No. 1 for contract extras with a total net cost of \$2,700.00

Visu-Sewer, Inc.

Oak Creek Water & Sewer Utility

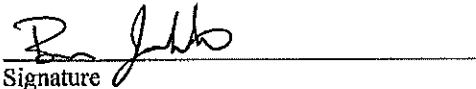


Signature

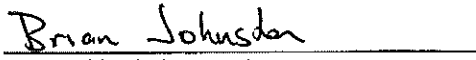


Accepted by (print name)

6-4-19  
Date Accepted



Signature



Accepted by (print name)

6-5-19  
Date Accepted

**CHANGE ORDER AUTHORIZATION  
CHANGE ORDER NO. 2  
PROJECT NO. 18105**

Forest Hill Ave Water Main Extension

INITIATED BY THE OAK CREEK WATER AND SEWER UTILITY  
DATE INITIATED: June 6, 2019

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

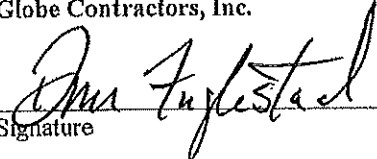
ITEM NO.	ITEM DESCRIPTION	QUANTITY UNIT	UNIT PRICE	COST
E-3	Lower Jack and Bore Pit	1 LS	\$4,466.20	\$4,466.20
E-4	Add DNR Test Station	1 LS	\$6,000.00	\$6,000.00
E-5	Additional asphalt removal and paving at Railroad	SY	\$38.40	\$8,025.60
E-6	Rail road R.O.W. Flag person	LS	\$8,438.00	\$8,438.00
	<b>TOTAL CHANGE ORDER</b>			<b>\$26,929.80</b>

E = Contract Extra, C = Contract Credit

This work, performed under the Forest Hill Ave Water Main Extension contract, is hereby agreed upon and has been performed as indicated under the contract for Project No. 18105, Change Order No. 2 for contract extras with a total net cost of \$26,929.80

Globe Contractors, Inc.

Oak Creek Water & Sewer Utility

  
Signature

\_\_\_\_\_  
Signature

**DARIN FUGLESTAD**  
Accepted by (print name)

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

**6/27/19**  
Date Accepted

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

OAK CREEK WATER AND SEWER UTILITY  
FINAL PROGRESS PAYMENT REPORT

Item No.	Item Description	Bid Quantity	Unit	Total Price	Partial Payment No. 1 May 8th, 2018		Partial Payment No. 2 August 14th, 2018		Partial Payment No. 3 March 12, 2019		Partial Payment No. 4 July 9, 2019		PROJECT TOTAL	
					Quantity Complete	Cost Complete	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete
1	PVC Sanitary Sewer Spot Repair (10LF)	4	EA	\$7,675.00	4.00	\$31,500.00		\$0.00		\$0.00		\$0.00	4.00	\$31,500.00
2	PVC Sanitary Sewer Spot Repair (10-15LF)	4	EA	\$10,500.00	4	\$42,000.00		\$0.00		\$0.00		\$0.00	4.00	\$42,000.00
3	8-Inch PVC Sanitary Lateral Relay	24	LF	\$417.00	24.00	\$10,008.00		\$0.00		\$0.00		\$0.00	24.00	\$10,008.00
4	6-Inch PVC Sanitary Riser Lateral Relay	29	VF	\$480.00	15	\$7,350.00		\$0.00		\$0.00		\$0.00	15.00	\$7,350.00
5	8-Inch CIPP Liner	3,858	LF	\$22.85	3,385.00	\$77,347.25	464.00	\$11,058.40		\$0.00		\$0.00	3,889.00	\$88,405.65
6	10-Inch CIPP Liner	152	LF	\$44.20	152	\$6,718.40	159	\$7,027.80		\$0.00		\$0.00	311.00	\$13,746.20
7	12-Inch CIPP Liner	123	LF	\$62.00	123	\$7,626.00	134	\$8,308.00		\$0.00		\$0.00	257.00	\$15,934.00
8	15-Inch CIPP Liner	65	LF	\$152.00		\$0.00	69.00	\$10,488.00		\$0.00		\$0.00	69.00	\$10,488.00
9	18-Inch CIPP Liner	1,089	LF	\$44.50	1,067	\$47,481.50	26	\$1,157.00		\$0.00		\$0.00	1,093.00	\$48,638.50
10	21-Inch CIPP Liner	1,335	LF	\$60.00		\$0.00	1,334.00	\$80,040.00		\$0.00		\$0.00	1,334.00	\$80,040.00
11	24-Inch CIPP Liner	163	LF	\$164.00		\$0.00	166.00	\$27,224.00		\$0.00		\$0.00	166.00	\$27,224.00
12	30-Inch CIPP Liner	256	LF	\$162.30		\$0.00	253	\$41,061.30		\$0.00		\$0.00	253.00	\$41,061.30
13	8-Inch CIPP Short Liner	14	LF	\$336.00		\$0.00	15.00	\$5,070.00		\$0.00		\$0.00	15.00	\$5,070.00
14	10-Inch CIPP Short Liner	32	LF	\$250.00		\$0.00	17	\$4,250.00		\$0.00		\$0.00	17.00	\$4,250.00
15	12-Inch CIPP Short Liner	10	LF	\$467.00		\$0.00	11.00	\$5,137.00		\$0.00		\$0.00	11.00	\$5,137.00
16	8-Inch PVC Sanitary Sewer Relay	156	LF	\$242.00	156	\$37,752.00		\$0.00		\$0.00		\$0.00	156.00	\$37,752.00
17	10-Inch PVC Permitted Sanitary Sewer	90	LF	\$278.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
18	5-Inch PVC-C900 Sanitary Sewer Relay	41	LF	\$665.00		\$0.00		\$0.00	22.50	\$14,737.50		\$0.00	22.50	\$14,737.50
19	10-Inch PVC-C900 Sanitary Sewer Relay	40	LF	\$665.00	20	\$13,300.00		\$0.00	(26)	-\$15,300.00		\$0.00		\$0.00
20	12-Inch PVC Sanitary Sewer	14	LF	\$849.00	14.00	\$11,886.00		\$0.00		\$0.00		\$0.00	14.00	\$11,886.00
21	Test & Seal Lateral Connections	70	EA	\$300.00		\$0.00	67.00	\$20,100.00	(9.00)	-\$2,700.00		\$0.00	58.00	\$17,400.00
22	Sanitary Manhole Abandonment	4	EA	\$630.00	5.00	\$3,150.00		\$0.00		\$0.00		\$0.00	5.00	\$3,150.00
23	Sanitary Sewer Abandonment	1,223	LF	\$11.00	865.00	\$9,515.00		\$0.00	367.00	\$4,037.00		\$0.00	1,232.00	\$13,552.00
24	48" Dia Precast Sanitary Sewer Manhole	20	VF	\$420.00	10.00	\$4,200.00		\$0.00		\$0.00		\$0.00	10.00	\$4,200.00
25	Sewer Manhole Bench Adjustment	2	EA	\$683.00	1.00	\$683.00		\$0.00		\$0.00		\$0.00	1.00	\$683.00
26	Sanitary Sewer Relay Trench EBS	97	CY	\$105.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
27	Dense Graded Base (3')	211	TOPY	\$11.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
E-1	Manhole Flat Top	1	LS	\$1,500.00		\$0.00		\$0.00	1.00	\$1,500.00		\$0.00	1.00	\$1,500.00
E-1	Reinstatement of Unknown Lateral	1	LS	\$600.00		\$0.00		\$0.00	1.00	\$600.00		\$0.00	1.00	\$600.00
E-1	Grout Unknown Leak	1	LS	\$600.00		\$0.00		\$0.00	1.00	\$600.00		\$0.00	1.00	\$600.00
E-1	Grind/Cut Break In Tap	1	LS	\$1,312.50		\$0.00		\$0.00		\$0.00	1.00	\$1,312.50	1.00	\$1,312.50
<b>TOTAL ITEMS 1-27 (inclusive)</b>					\$80,478.80	\$310,517.15	\$220,923.10	\$5,474.50	\$1,312.50		\$538,227.25			

Sub-Total Completed To Date	\$538,227.25
Less Allowance for testing and approval	2.5% \$0.00
Less Retainage (5% to 50% complete)	5% \$0.00
<b>Total</b>	\$538,227.25
Less Previous Payments	\$508,979.91
<b>TOTAL PAYMENT DUE THIS PERIOD</b>	<b>\$29,247.34</b>

Recommended for Commission Approval by B. J. J. J. Date: 6-27-19

Contractor Final Payment Approval by Peter J. Baumann Date: 6/27/19

**AFFIDAVIT OF COMPLIANCE  
WITH SECTION 66.0903, WISCONSIN STATUTES**

*TO BE EXECUTED BY CONTRACTOR AND FILED WITH  
THE OAK CREEK WATER & SEWER UTILITY BEFORE FINAL PAYMENT IS MADE*

STATE OF WISCONSIN)

)SS.

MILWAUKEE COUNTY)

Brian Baumann being first dully sworn, on oath

(Print Name)

deposes and says:

1. That he / she is the Division Manager  
(Owner, Partner, or Sole Trader, or if a Corporation, Title)  
of Visu-Sewer, Inc., hereinafter referred to as the contractor.
2. That the Contractor has a contract with the Oak Creek Water and Sewer Utility for the installation of Sanitary Sewer Rehab Work and appurtenances, Project No. 17105, said contract being dated January 16, 2018.
3. That the Contractor has fully complied with all the provisions of Section 66.0903, Wisconsin Statutes.
4. That the Contractor has received evidence of with said Section 66.0903, Wisconsin Statutes from each of his agents and subcontractors, if any.

[Signature]  
(Signature)

6.4.19  
(Date)

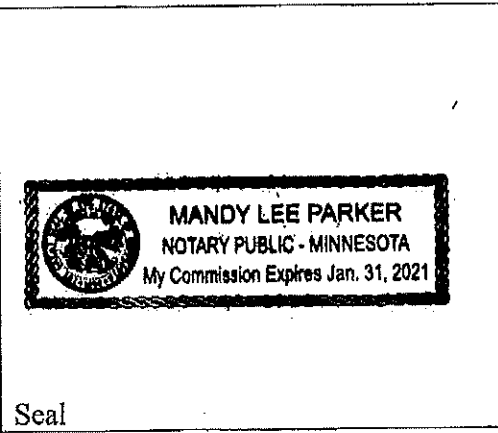
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**NOTARY PUBLIC**

Subscribed and sworn to before me on this 4<sup>th</sup> day of June, 2019.

Mandy Lee Parker  
(Signature)

My commission expires:  
Jan. 31<sup>st</sup>, 2021





**APPLICATION AND CERTIFICATION FOR PAYMENT AIA DOCUMENT G702**

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

PROJECT: City of Oak Creek Water Treatment  
 Plant Locker Rooms

Distribution to:  
 OWNER  
 ARCHITECT  
 CONTRACTOR

PERIOD TO: 6/25/19

ARCHITECT'S  
 PROJECT NO: 460402

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

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

ARCHITECT'S  
 PROJECT NO: 460402

CONTRACT FOR: General Construction

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.

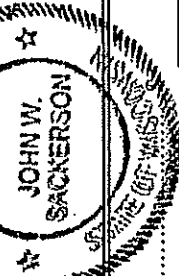
CONTRACTOR: William Sackerson Constr. Co., Inc.

By: [Signature] Date: 6/25/2019

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 ..... \$ 192,565.07  
 (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 ..... \$ 186,863.16  
 (Line 4 less Line 5 Total)
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate) ..... \$ 161,598.16
8. CURRENT PAYMENT DUE ..... \$ 25,265.00
9. BALANCE TO FINISH, PLUS RETAINAGE ..... \$ 41,213.39  
 (Line 3 less Line 6)

State of: Wisconsin  
 Subscribed and sworn to before me this 25 day of June, 2019



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

AMOUNT CERTIFIED ..... \$ 25,265.00

(Attach explanation if amount certified differs from the amount applied for.)  
 ARCHITECT: \_\_\_\_\_

By: Richard Siebers Date: June 25, 2019

**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.

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

Application Number: 6  
 Application Date: 6/25/2019  
 Period To: 6/30/2019  
 Architect's Project No:

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED		E MATERIALS PRESENTLY STORED (Not in D or E)	F TOTAL COMPLETED AND STORED TO DATE (D+E+F)	G % G/C	H BALANCE TO FINISH (C-G)	I RETAINAGE
			FROM PREV. APPLICATION (D+E)	THIS PERIOD					
1	Bond	3,000.00	3,000.00	0.00	0.00	3,000.00	100	0.00	0.00
2	Submittals	4,000.00	3,800.00	200.00	0.00	4,000.00	100	0.00	0.00
3	Mobilization	6,000.00	6,000.00	0.00	0.00	6,000.00	100	0.00	0.00
4	Demolition	20,000.00	15,000.00	5,000.00	0.00	20,000.00	100	0.00	0.00
5	Masonry	45,000.00	40,500.00	4,500.00	0.00	45,000.00	100	0.00	0.00
6	Carpentry	5,000.00	2,500.00	0.00	0.00	2,500.00	50	2,500.00	0.00
7	Frames, Doors & Hardware	7,000.00	7,000.00	0.00	0.00	7,000.00	100	0.00	0.00
8	Drywall	2,800.00	2,800.00	0.00	0.00	2,800.00	100	0.00	0.00
9	Tile	16,000.00	11,200.00	4,000.00	0.00	15,200.00	95	800.00	0.00
10	Acoustical	4,100.00	3,075.00	0.00	0.00	3,075.00	75	1,025.00	0.00
11	Paint	8,600.00	6,020.00	2,580.00	0.00	8,600.00	100	0.00	0.00
12	Toilet Partitions	5,000.00	2,500.00	0.00	0.00	2,500.00	50	2,500.00	0.00
13	Toilet Accessories	2,700.00	1,350.00	0.00	0.00	1,350.00	50	1,350.00	0.00
14	Lockers	10,500.00	2,625.00	0.00	0.00	2,625.00	25	7,875.00	0.00
15	Window Shades	900.00	0.00	0.00	0.00	0.00	0	900.00	0.00
16	Plumbing	40,000.00	28,000.00	6,000.00	0.00	34,000.00	85	6,000.00	0.00
17	HVAC	23,000.00	16,100.00	0.00	0.00	16,100.00	70	6,900.00	0.00
18	Electrical	19,900.00	11,940.00	2,985.00	0.00	14,925.00	75	4,975.00	0.00
101	CO #1	4,576.55	3,890.07	0.00	0.00	3,890.07	85	686.48	0.00
Totals		228,076.55	167,300.07	25,265.00	0.00	192,565.07	84	35,511.48	0.00

OAK CREEK WATER & SEWER UTILITY

Approved by *B. J. [Signature]*

Date 6-25-19

OAK CREEK WATER AND SEWER UTILITY  
PROGRESS PAYMENT REPORT

PROJECT NO. 18105-East Forest Hill Water Main Extension

Item No.	Item Description	Bid Quantity	Unit Price	Total Price	Partial Payment No. 1 April 9, 2019		Final Payment No. 2 July 9, 2019		PROJECT TOTAL	
					Quantity Complete	Cost Complete	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete
	Ginbe Contractors, Inc. N50W23076Belker Rd, Pewaukee, WI 53072									
1	8" PVC Water Main, 1 1/4-Inch Crushed Aggregate Backfill	110	\$500.00	\$55,000.00	90.00	\$30,000.00	50.00	\$25,000.00	110.00	\$55,000.00
2	8" Cast-Iron Water Main (Horizontal Directional Drill)	1,505	\$152.00	\$228,760.00	1,213.00	\$184,376.00	285.00	\$43,320.00	1,498.00	\$227,696.00
3	8" PVC Water Main in Casing (Not Including Steel Casing)	140	\$240.00	\$33,600.00	140.00	\$33,600.00		\$0.00	140.00	\$33,600.00
4	18" Steel Casing for 8" PVC Water Main, No Open Cut (Not Including)	140	\$480.00	\$67,200.00	140	\$67,200.00		\$0.00	140.00	\$67,200.00
5	8" Gate Valve	5	\$2,200.00	\$11,000.00	3.00	\$6,600.00	2.00	\$4,400.00	5.00	\$11,000.00
6	Connect to Existing 8-inch Main and Install Salvaged Hydrant	1	\$6,200.00	\$6,200.00	1	\$6,200.00		\$0.00	1.00	\$6,200.00
7	Connect to Existing 24-inch Main	1	\$8,000.00	\$8,000.00		\$0.00	1	\$8,000.00	1.00	\$8,000.00
8	Type "A" Hydrant Assembly	2	\$18,000.00	\$36,000.00		\$0.00	2.00	\$36,000.00	2.00	\$36,000.00
9	Restoration	1	\$53,000.00	\$53,000.00		\$0.00	1	\$53,000.00	1.00	\$53,000.00
10	Erosion Control	1	\$10,000.00	\$10,000.00	0.50	\$5,000.00	0.50	\$5,000.00	1.00	\$10,000.00
11	Traffic Control	1	\$25,000.00	\$25,000.00	0.50	\$12,500.00	0.50	\$12,500.00	1.00	\$25,000.00
E-1	Add Insurance Requirement	1	\$0.00	\$0.00		\$0.00	1.00	\$0.00	1.00	\$0.00
E-2	Hold Harmless Agreement	1	\$0.00	\$0.00		\$0.00	1.00	\$0.00	1.00	\$0.00
E-3	Lower Jack and Bore Pit	1	\$4,466.20	\$4,466.20		\$0.00	1.00	\$4,466.20	1.00	\$4,466.20
E-4	Add DNR Test Station	1	\$6,000.00	\$6,000.00		\$0.00	1.00	\$6,000.00	1.00	\$6,000.00
E-5	Additional Asphalt	209	\$38.40	\$7,985.60		\$0.00	209.00	\$8,025.60	209.00	\$8,025.60
E-5	Railroad Flag Person	1	\$8,438.00	\$8,438.00		\$0.00	1.00	\$8,438.00	1.00	\$8,438.00
TOTAL ITEMS 1-11 (Inclusive)				\$533,760.00	\$545,478.00	\$214,149.80	\$559,625.80			

Sub-Total Completed To Date	\$559,625.80	0%	\$0.00
Less Allowance for testing and approval		0%	\$0.00
Less Retainage (5% to 50% complete)			\$559,625.80
Total	\$297,584.40		\$297,584.40
Less Previous Payments			\$262,041.40
<b>TOTAL PAYMENT DUE THIS PERIOD</b>			<b>\$35,543.00</b>

Recommended for Commission Approval by: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor Final Payment Approval by: *Jim Tufsted* Date: *6/27/19*



**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	Willkomm Excavating & Grading, Inc. 17108 County Line Road, Union Grove, WI 53182		Partial Payment No. 1 July 9, 2019		PROJECT TOTAL	
				Price	Total Price	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete
1	8-INCH PVC WATER MAIN 1-1/4" TBBF	1799.00	LF	\$144.00	\$259,056.00	915.00	\$131,760.00	915.00	\$131,760.00
2	CONNECT TO EXISTING 8" WATER MAIN	9.00	EA	\$5,174.00	\$46,586.00	4.00	\$20,696.00	4.00	\$20,696.00
3	8-INCH WATER MAIN STRUCTURAL LINING	125.00	LF	\$468.00	\$58,500.00		\$0.00	-	\$0.00
4	6-INCH WATER LATERAL RECONNECTION	3.00	EA	\$6,529.00	\$19,587.00		\$0.00	-	\$0.00
5	3-INCH WATER LATERAL RECONNECTION	2.00	EA	\$5,306.00	\$10,612.00	1.00	\$5,308.00	1.00	\$5,306.00
6	WATER SERVICE LATERAL RECONNECTION	6.00	EA	\$2,535.00	\$16,210.00	1	\$2,535.00	1.00	\$2,535.00
7	8" GATE VALVE & BOX	13.00	EA	\$1,928.00	\$25,064.00	6	\$11,568.00	6.00	\$11,568.00
8	6" GATE VALVE & BOX	5.00	EA	\$1,512.00	\$7,560.00	2.00	\$3,024.00	2.00	\$3,024.00
9	3" GATE VALVE & BOX	2.00	EA	\$1,290.00	\$2,580.00		\$0.00	-	\$0.00
10	WATER MONITORING ASSEMBLY	1.00	LS	\$2,067.00	\$2,067.00		\$0.00	-	\$0.00
11	HYDRANT & LEAD	2.00	EA	\$6,250.00	\$12,500.00	1.00	\$6,250.00	1.00	\$6,250.00
12	SALVAGE HYDRANT	1.00	EA	\$2,600.00	\$2,600.00		\$0.00	-	\$0.00
13	REMOVE GATE VALVE & BOX	6.00	EA	\$1,656.00	\$9,936.00	2.00	\$3,312.00	2.00	\$3,312.00
14	ABANDON GATE VALVE	12.00	EA	\$563.00	\$6,756.00		\$0.00	-	\$0.00
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	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	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	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	24.00	\$10,848.00
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	35.00	\$25,165.00
20	27-INCH RCP SANITARY SEWER CL-IV SPOIL BACKFILL	59.00	LF	\$482.00	\$28,438.00	50.00	\$24,100.00	50.00	\$24,100.00
21	SANITARY SEWER MANHOLE 48" I.D.	25.00	VF	\$753.00	\$18,825.00	20.00	\$15,060.00	20.00	\$15,060.00
22	SANITARY SEWER MANHOLE 60" I.D.	55.00	VF	\$905.00	\$49,775.00	50.00	\$45,250.00	50.00	\$45,250.00
23	ABANDON 8-INCH SANITARY SEWER	133.00	LF	\$26.00	\$3,458.00		\$0.00	-	\$0.00
24	REMOVE 8-INCH SANITARY SEWER	35.00	LF	\$247.00	\$8,645.00		\$0.00	-	\$0.00
25	REMOVE 12-INCH SANITARY SEWER	26.00	LF	\$200.00	\$5,200.00	26.00	\$5,200.00	26.00	\$5,200.00
26	REMOVE 27-INCH SANITARY SEWER	97.00	LF	\$110.00	\$10,670.00	90.00	\$9,900.00	90.00	\$9,900.00
27	REMOVE SANITARY MANHOLE	2.00	EA	\$8,956.00	\$17,912.00	2.00	\$17,912.00	2.00	\$17,912.00
28	CONNECT TO EXISTING SANITARY SEWER	4.00	EA	\$344.00	\$1,376.00	4.00	\$1,376.00	4.00	\$1,376.00
29	CONCRETE PAVEMENT REMOVAL	1168.00	SY	\$5.00	\$5,840.00	204.00	\$1,020.00	204.00	\$1,020.00
30	CONCRETE CURB AND GUTTER REMOVAL	312.00	LF	\$9.00	\$2,808.00	20.00	\$180.00	20.00	\$180.00
31	CONCRETE SIDEWALK REMOVAL	134.00	SF	\$4.00	\$538.00	15.00	\$60.00	15.00	\$60.00
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
33	31"-42" TYPE "C" CONCRETE CURB AND GUTTER	258.00	LF	\$80.00	\$20,840.00		\$0.00	-	\$0.00
34	INTEGRAL CONCRETE CURB AND GUTTER	54.00	LF	\$56.00	\$3,024.00		\$0.00	-	\$0.00
35	CONCRETE SIDEWALK 6-INCH	134.00	SF	\$20.00	\$2,680.00		\$0.00	-	\$0.00
36	CONCRETE PAVEMENT 7-INCH	1168.00	SY	\$96.00	\$112,128.00		\$0.00	-	\$0.00
37	RESTORATION OF LAWNS AND PARKWAYS	1.00	LS	\$6,225.00	\$6,225.00		\$0.00	-	\$0.00
38	EROSION CONTROL	1.00	LS	\$2,255.00	\$2,255.00	0.50	\$1,127.50	0.50	\$1,127.50
39	TRAFFIC CONTROL	1.00	LS	\$3,675.00	\$3,675.00	0.50	\$1,837.50	0.50	\$1,837.50
40	TRENCH EBS (UNDISTRIBUTED)	80.00	CY	\$34.00	\$2,720.00		\$0.00	-	\$0.00
41	DENSE GRADED BASE (3") (UNDISTRIBUTED)	166.00	TON	\$26.00	\$4,160.00		\$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	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	1.00	-\$138,472.00
<b>TOTAL ITEMS 1-11 (inclusive)</b>					<b>\$955,360.00</b>		<b>\$468,111.00</b>		<b>\$468,111.00</b>

Sub-Total Completed To Date		\$468,111.00
Less Allowance for testing and approval	10%	-\$46,811.10
Less Retainage (5% to 50% complete)	5%	-\$21,065.00
<b>Total</b>		<b>\$400,234.90</b>
Less Previous Payments		\$0.00
<b>TOTAL PAYMENT DUE THIS PERIOD</b>		<b>\$400,234.90</b>

Recommended for Commission Approval by: *R. Johnson* Date: *6-27-19*

## ADMINISTRATIVE OPERATIONS

June 2019

### 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 2018 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, no audit journal entries were recorded, and financial statements are prepared internally.

### Workload:

Other administrative tasks included the following:

- Added 4 customer account for the month.
- Billed 5,076 water customers and 5,144 sewer customers.

### Gallons Billed (in thousands):

	YTD 2019	YTD 2018	YTD 2017	YTD 2016	YTD 2015	Average
Residential	194,022	199,801	200,709	201,274	200,627	199,287
Commercial	213,826	209,045	222,390	208,359	208,702	212,464
Industrial	246,550	241,913	203,918	182,265	189,936	212,916
Public Authority	6,235	6,412	6,308	7,414	11,614	7,597
Wholesale	503,092	483,299	474,282	528,320	566,838	511,166
Total	1,163,725	1,140,470	1,107,607	1,127,632	1,177,717	1,143,430
% Change to Prior Year	2.0%	3.0%	-1.8%	-4.3%	N/A	
% Change to Average	1.8%	-0.3%	-3.1%	-1.4%	3.0%	

### New Customers:

	YTD 2019	YTD 2018	YTD 2017	YTD 2016	YTD 2015	Average
Residential	8	22	13	14	12	13.8
Commercial	8	9	13	14	6	10.0
Industrial	0	0	0	0	1	0.2
Public Authority	0	1	0	1	1	0.6
Wholesale	0	0	0	0	0	-
Total	16	32	26	29	20	24.6

**New Residential Customers (YTD 2019):**

9001 S. 15<sup>th</sup> Avenue, 8840 S. 6<sup>th</sup> Avenue, 8850 S. 6<sup>th</sup> Avenue, 1800 E. Lilac Lane, 8426 S. Nighthawk Trail, 3972 E. Cooper Court, 10032 S. Macintosh Lane, 10015 S. Shepard Avenue

**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

# **ENGINEERING OPERATIONS**

**June 2019**

## **Wildwood Drive Water and Sewer Replacement Project**

The project was awarded to Willkomm Excavating and Grading. Construction is ongoing on the project. The south half of the water main has been completed and is in service. The sanitary sewer work is completed. The bypass pump failed Thursday, June 20 and backed up in one apartment basement storage area. Willkomm was on site and handled the situation very well. Work is progressing on the north half of the water project. We are still waiting on the DNR approval for the water lining work under the creek. Work is expected to be completed by August.

## **Low Lift Landscaping**

KEI completed the landscaping project along the Low Lift Drive to increase security around the access gate to the low lift. This work was completed prior to the fireworks for the private event at Lake Vista.

## **Jewell Street Sanitary Sewer**

We received right of entry permits from Stramowski and Morton Community Bank to proceed with the survey and soil boring work for the design of the gravity sanitary sewer. The survey work is schedule for the first part of July.

## **Howell Avenue, Ridgeview, and Quail Run Water Loops**

Strand has submitted 90% plans for the 3 projects to be reviewed. We continue to work with MATC and Mike Polaski for right-of-entry permits to complete the soil boring and additional survey work that is required.

## **Development Project with Utility Construction**

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

- Ryan Business Park (13<sup>th</sup> Street and Ryan Road) hydrants relocated
- Amazon – Water flushed and filled not in service yet
- Creekside Crossing Marketplace – Water flushed and filled
- East Brooke Phase 2 – finishing up water and sanitary punch list items



## **DISTRIBUTION & COLLECTION OPERATIONS**

**June 2019**

### **Water Main Break:**

On June 20<sup>th</sup> at 5:00 p.m. there was a report of a main break at 146 East Susan Drive. The main break was small not affecting any customers. The repair was completed the next day. After excavating the main, a longitudinal break was discovered on the bottom of the pipe. The main was installed in 1960.

### **Water Lateral Repair:**

On June 3<sup>rd</sup> a crew was sent to 10730 South Richard Road to repair a 1" copper lateral that was leaking by the connection on the house side of the curb stop.

### **Valve Repair:**

There were no valve repairs in the month of June.

### **Fire Hydrant Repairs:**

On June 7<sup>th</sup> a crew was sent to 315 South Sunnyview Drive to repair a hydrant that was hit. The break away flanges and coupler were replaced. This was reported by the Police Department as a hit and run.

On June 26<sup>th</sup> a crew was sent to 9770 South 20<sup>th</sup> Street to repair a hydrant that was hit. The break away flanges and coupler needed to be replaced. There is no Police report.

### **Sewer Repairs:**

In the month of June Utility workers performed 6 maintenance tasks including: chimney repairs, replacing manhole frame and manhole cover seals, along with cleaning and televising of mains.

### **Miscellaneous:**

In the month of June Utility workers completed 8 restoration projects from previous water main and lateral repairs.

On June 6<sup>th</sup> Utility Service Workers Allard, Pier and Distribution Manager attended the Wisconsin Classic Collection System Seminar in Watertown, WI.

On June 10<sup>th</sup> Lauren Sims started as a first year seasonal employee.

On June 20<sup>th</sup> and 27<sup>th</sup> Utility Service Workers Price, Allard, Volbrecht, Pier, Maughan, Flatow, Proeber and Distribution Manager Schwartz attended an Arch Flash training.



## PLANT OPERATIONS

June, 2019

<b>PUMPAGE REPORT</b>	<b>2019</b>	<b>2018</b>	<b>% Change</b>	<b>5 Year %</b>
Monthly Pumpage	245,144,500	247,794,000	-1.1	-1.6
Monthly Average Day	8,171,483	8,259,800	-1.1	-2.4
Monthly Peak Day	(06/02) 9,820,000	(06/30)9,880,000	-0.6	-6.1
Yearly Pumpage	1,309,037,500	1,292,931,000	+1.2	+1.0
Yearly Average Day	7,272,430	7,143,000	+1.8	+1.7
Yearly Peak Day	(06/02) 9,820,000	(05/29)10,310,000	-4.8	+5.7
West Zone Pumpage	104,480,000	112,680,000	-7.3	-12.8
West Zone Yearly Total	570,918,000	582,600,000	-2.0	-6.6

<b>WATER QUALITY REPORT</b>	<b>Raw Water</b>	<b>Finished Water</b>
Average Free Chlorine		1.58 mg/l
Total Chlorine		1.75 mg/l
Average Alkalinity	109.3 mg/l	110.8 mg/l
Average pH	8.4	8.2
Average Fluoride	0.19 mg/l	0.72 mg/l
Average Turbidity	2.77 NTU	0.033 NTU
High Temperature	<b>High 56.0 F Low 48.6 F</b>	
Hardness	137 mg/l	137 mg/l

**Preventative Maintenance Tasks:** Staff completed 164 preventative maintenance tasks and 2 safety sessions during the month.

**Work Orders:** Staff completed 3 work orders. Some of the tasks include complete rehab of plant fountain letters and pool, setting up the carbon feeder for the summer pumping season, and lawn mower repairs.

**Plant:** Work continues on the locker room update with the men's locker room now operational. The women's locker room has been tiled, painted and some plumbing fixtures installed. Plant Manager Robe, Operators Ludke, Muschinski, White, and Bozich attended Arc Flash training on June 27th. Treatment Plant staff participated in interviews and data collection as part of the Utility's Master Plan.

