

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, October 10, 2017, 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 5th day of October, 2017.

/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 October 10, 2017	Headquarters Building 170 West Drexel Avenue
1.0	OPENING OF MEETING	
1.1	Roll Call	
1.2	Minutes Approval - Regular Meeting 09-12-17	
2.0	CLOSED SESSION	
2.1	Closed session in accordance with Section 19.85 (1) (e) (f) and (g) of the Wisconsin State Statutes for the following purpose:	
	A. Water Quality Improvement Project	
	B. Waukesha Water Sales Agreement	
	C. Personnel Investigation Matter	
3.0	PROJECT APPROVALS	
3.1	Drexel Ridge Phase II Water Main	
3.2	Glen Crossing Phase II Water and Sewer	
3.3	Elm Road Sanitary Sewer	
3.4	IKEA Way Phase III Water Main	
4.0	MISCELLANEOUS MATTERS	
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	

OAK CREEK WATER AND SEWER UTILITY

FINAL PAYMENT No.2

PROJECT NO. 17102 - 2017 Valve Cut-In Project

Item No.	Item Description	Quantity	Unit	Price	Total Price	Partial Payment 1 September 12, 2017		Final Payment 2 October 10, 2017		Total Complete	
						Quantity Complete	Cost Complete	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete
1	S. Shepard Avenue and E. Stonegale Drive 8" PVC Connection	1.00	LS	\$32,100.00	\$32,100.00	1.00	\$32,100.00		\$0.00	1.00	\$32,100.00
2	S. Chicago Road and E. Garden Place 20" Cut-In Valves	1.00	LS	\$46,985.00	\$46,985.00	1.00	\$46,985.00		\$0.00	1.00	\$46,985.00
3	E. Obrien Road and S. 11th Avenue 8" Cut-In Valve	1.00	LS	\$19,965.00	\$19,965.00	1.00	\$19,965.00		\$0.00	1.00	\$19,965.00
4	E. Oakwood Road and E. Redwood Lane 20" Cut-In Valve	1.00	LS	\$30,650.00	\$30,650.00	1.0	\$30,650.00		\$0.00	1.00	\$30,650.00
5	E. Oakwood Road and John Aaron Drive 20" Cut-In Valve	1.00	LS	\$30,650.00	\$30,650.00	1.00	\$30,650.00		\$0.00	1.00	\$30,650.00
TOTAL (Items 1-5)					\$160,350.00		\$160,350.00		\$0.00		\$160,350.00

Sub-Total Completed To Date \$160,350.00
 Less Allowance for testing and approval 0.0% \$0.00
 Less Retainage (5% to 50% complete) 5% up to 50% \$0.00
Total \$160,350.00
 Less Previous Payments -\$156,341.25
TOTAL PAYMENT DUE THIS PERIOD \$4,008.75

Recommended for Commission Approval by: [Signature] Date: 10-2-17

OAK CREEK WATER & SEWER UTILITY

Approved by: [Signature]

Date: 10-2-17

Contractor Final Payment Approval by: [Signature] Date: 10-2-17

ADMINISTRATIVE OPERATIONS

September 2017

Training:

Accounting Supervisor Stenzel attended the Wisconsin Section of the American Water Works Association annual conference in Wisconsin Dells on September 19-22.

Meetings:

Accounting Supervisor Stenzel met with representatives from BMO Harris Bank on September 27 to review the banking services they have to offer.

Workload:

Other administrative tasks for the month included the following:

1. Added 5 new customer accounts.
2. Billed 5,044 water customers and 5,111 sewer customers.

Gallons Billed (in thousands):

	YTD 2017	YTD 2016	YTD 2015	YTD 2014	YTD 2013	Average
Residential	321,217	348,860	336,509	329,559	338,448	334,919
Commercial	355,077	343,404	333,565	329,751	310,938	334,547
Industrial	331,711	317,624	289,466	306,323	295,457	308,116
Public Authority	9,935	10,927	16,928	13,206	15,791	13,357
Wholesale	750,838	838,931	899,064	842,664	834,378	833,175
Total	1,768,778	1,859,746	1,875,532	1,821,503	1,795,012	1,824,114
% Change to Prior Year	-4.9%	-0.8%	3.0%	1.5%	N/A	
% Change to Average	-3.0%	2.0%	2.8%	-0.1%	-1.6%	

New Customers:

	YTD 2017	YTD 2016	YTD 2015	YTD 2014	YTD 2013	Average
Residential	21	21	18	19	25	20.8
Commercial	23	21	9	1	1	11.0
Industrial	0	0	1	0	0	0.2
Public Authority	0	1	1	0	0	0.4
Wholesale	0	0	0	0	0	-
Total	44	43	29	20	26	32

New Commercial Customers (YTD 2017): Centennial Park (5 accounts), Cricket Wireless, GMX Midland Oak Creek LLC (2 accounts), Ad-Tech (2 accounts), Valentine Café, One West Drexel, HSI Drexel Ridge (5 accounts), trucking terminal at 10450 S. Oakview Parkway, Kwik Trip, Azura Memory Care (4 accounts)

ENGINEERING OPERATIONS

September 2017

Well No. 1 and 3 Abandonment

This project is substantially complete. The contractor has completed the grading and concrete restoration work. Topsoil has been placed, and the area has been seeded. Engineering will keep close eye on the seeded areas to ensure that the seed germinates and grass restoration is complete before final acceptance of the project.

2017 Sanitary Sewer Projects

R.A. Smith has submitted 60% plans for the sanitary sewer rehabilitation portion of these projects. Based on Utility review, final plans (100%) should be submitted in mid-October for a November bid.

Preliminary work continues on the Jewell Street Lift Station Abandonment project. This project will eliminate the Jewell Street lift station in favor of gravity sanitary sewer draining to the North. Engineering, in conjunction with R.A. Smith, contacted the Milwaukee Metropolitan Sewerage District (MMSD) in order to determine if the transfer of flows from one sanitary sewer shed to another would be acceptable. In addition, the goal of lowering the sewer invert elevation at College Avenue is also being explored with MMSD. Other preliminary issues that are being explored include obtaining sewer easements, special assessments, and environmental evaluation through the corridor.

Water Quality Improvement Project

The Utility's second construction authorization submittal through the Public Service Commission of Wisconsin application is complete. Engineering anticipates a decision from the Commissioners at a scheduled meeting on October 4, 2017. This project seeks to correct deficiencies with the existing chlorine contact tank that pose a known public health risk and add advanced disinfection for cryptosporidium. According to the latest DNR sanitary survey, the Utility was given until December 2020 to correct the deficiencies.

The first construction authorization submittal to the PSC was denied. To date, the cost to rate payers for this construction authorization application is in excess of \$500,000. Costs include consultant fees for project re-design, additional demand studies, and an additional alternatives analysis completed by CDM Smith. Despite the fact that the Utility has complied with all of the PSC requirements based on their comments in the record (during the first construction authorization application), there is no guarantee that the PSC will grant construction authorization in the second application. Beyond the comments provided by the PSC Commissioners and staff, the PSC has not indicated to any degree what an approvable project looks like.

Thus, the Utility has submitted plans and participated in the PSC proceedings required under Wisconsin State statutes for an unknown outcome. PSC staff comments have largely been incongruent with PSC Commissioner comments, leaving the Utility to make assumptions regarding approvable plans.

DISTRIBUTION & COLLECTION OPERATIONS

September 2017

Water Main Breaks:

On September 14th at 1:30 am the Utility had a report of a main break at 9341 South Howell Avenue. The break was isolated, and a crew was sent to repair the break at 7:00 am. After excavating the 8" DIP main a blow in the pipe was found. The pipe is very corroded so an 8"x36" long repair clamp was installed. While installing the anode, another leak was found so an 8"x12" long repair clamp was installed. The original installation date for this main was 1968.

Water Lateral Repairs:

There were no lateral repairs in the month of September.

Water Gate Valves Repaired:

On September 14th at 9341 South Howell Avenue the crew replaced the packing and bonnet bolts on an 8" gate valve that was exposed while repairing a main break.

Hydrant Repairs:

On September 7th a crew was sent to Ikea Way to check on a hydrant that would not shut off. On arrival the hydrant was found to have been turned. The crew straightened the hydrant and then tested it. The hydrant was in working order.

On September 12th a crew was sent to 8580 South Chicago Road to add a 12" hydrant extension. This was completed for future road work that is planned by Milwaukee County.

On September 18th and 19th a crew worked on reinstalling a hydrant at 1816 West Drexel Avenue. The hydrant was hit at 2:30 am on the 18th shearing the hydrant off of the hydrant lead. Part of Drexel Avenue was removed to replace 4' of a hydrant lead that was damaged. The crew then reinstalled the hydrant. The Utility is working with the Police Department to locate the person responsible.

On September 29th a crew was sent to 10156 South Nicholson Road to add a 12" hydrant extension.

Sanitary Sewer:

In September crews worked on spraying roots in 47 sewer lines totaling 12,848'.

Miscellaneous:

Utility crews worked on restoration from past main breaks, water valve repairs, and fire hydrant repairs.

On September 27th Utility workers had their annual hearing screenings and pulmonary function testing completed.

PLANT OPERATIONS

September, 2017

PUMPAGE REPORT	2017 (pumpage in gallons)	2016 (pumpage in gallons)	Percentage of Change
Monthly pumpage	254,017,000	255,390,000	-0.5
Monthly average day	8,467,000	8,513,000	-0.5
Monthly peak day	(9/18/17) 10,210,000	(9/19/16) 10,270,000	-0.6
Yearly pumpage	2,019,882,000	2,177,172,000	-7.2
Yearly average day	7,399,000	7,946,000	-6.9
Yearly peak day	(8/27/17) 10,510,000	(8/11/16) 11,950,000	-12.1
West zone pumpage	118,440,000	109,850,000	+7.8

WATER QUALITY REPORT	Raw Water	Finished Water
Average free chlorine		1.56 mg/l
Total chlorine		1.74 mg/l
Average alkalinity	106.4 mg/l	107 mg/l
Average pH	8.3	8.0
Average fluoride	0.12 mg/l	0.74 mg/l
Average turbidity	2.74 N.T.U.	0.04 N.T.U.
Average temperature	61.6 °F	
Hardness	137 mg/l	137 mg/l

Preventative Maintenance Tasks: Staff completed 133 preventative maintenance tasks, 1 miscellaneous work order, and 2 safety sessions during the month.

Treatment Plant Tours: The treatment plant was invited to be part of the City's Sneak Peek promotion. Operators Buchanan, White, and Messerschmidt along with Plant Manager Francis and General Manager Sullivan led tours of the treatment plant on 9-16. Senior Utility Worker Volbrecht and Utility Worker Proeber were on site demonstrating how the sewer cleaner and video inspection equipment worked. Approximately 90 people visited our site.

American Water Works Association Wisconsin Section: Operators White and Robe and Plant Manager Francis attended the WIAWWA annual conference held in Wisconsin Dells. Staff attended sessions on finance, distribution, operations and management.

HVAC: Staff found a busted shroud and oil around one stage of the air conditioner unit. Heiden

Plumbing was called and found one of the units was not operating. An abraded line was found. A cost estimate was requested for the repair of the unit, as well as, a cost of a new unit.

