

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, January 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 January, 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 January 10, 2017	Headquarters Building 170 West Drexel Avenue

1.0 OPENING OF MEETING

- 1.1 Roll Call
- 1.2 Minutes Approval - Regular Meeting 12-13-16

2.0 CLOSED SESSION

- 2.1 Closed session in accordance with Section 19.85 (1) (g) of the Wisconsin State Statutes for the following purpose:
 - A. CT Tank Compliance Project
 - B. Waukesha Water Sales Agreement

3.0 PROJECT APPROVALS

4.0 MISCELLANEOUS MATTERS

- 4.1 Presentation of Private Financing Options

5.0 FINANCIAL MATTERS

- 5.1 Project Payment Approval
- 5.2 Voucher Approval
- 5.3 Utility Investments
- 5.4 Interfund Loan Interest Rate
- 5.5 MMSD Rates

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

MMSD Treatment Charges

	2017	2016	2015	2014
Connection Charge	23.98 / yr	21.71	30.21	30.68
	6.00 / qtr	5.43	7.56	7.67
	2.00 / mo	1.81	2.52	2.56
Household Hazardous Waste Charge	4.96 / yr	5.27	5.45	5.48
Residential Only 41,298.00	1.24 / qtr	1.32	1.37	1.37
	0.42 / mo	0.44	0.46	0.46
Charges for certified customers				
Flow	1.12748 / 1,000 gal	1.11377	0.96079	0.88437
BOD	0.12730 / pound	0.11869	0.11781	0.10061
TSS	0.16289 / pound	0.16275	0.15807	0.15815
Domestic Strength Equivalent	1.959230 / 1,000 gal	1.922831	1.753133	1.632498
Adjustment to volumetric charge	0.018595 / 1,000 gal	0.068137	0.00	0.00
<u>Average User Charge</u>				
Residential occupancy factor	2.92 people	2.88	2.90	2.91
x				
Average domestic flow	53.00 gal/day	54.00	56.00	57.00
x				
Days per year	365.00	365.00	365.00	365.00
x				
Volumetric charge plus adjustment	1.977825 / 1,000 gal	1.990968	1.753133	1.632498
+				
Connection charge	28.94 / yr	26.98	35.66	36.16
Annual charge	\$140.66	\$140.00	\$139.58	\$135.00

Flat Rate Charge for Quarterly Residential Customers

	2017	2016	2015	2014
Annual Volume	56,487 gallons	56,765	59,276	60,543
Quarterly Volume	14,122 gallons	14,191	14,819	15,136
Monthly Volume	4,707 gallons	4,730	4,940	5,045
Local Rate - Volume	0.69 / 1,000 gal	0.69	0.69	0.69
- Fixed	18.00 / Qtr	18.00	18.00	18.00
Metro Rate - Volume	1.959230 / 1,000 gal	1.922831	1.753133	1.632498
- Fixed	7.24 / Qtr	6.75	8.93	9.04
One Month Charge				
Local	9.25	9.26	9.41	9.48
Metro	11.64	11.35	11.64	11.25
Total	\$20.89	\$20.61	\$21.05	\$20.73
Two Month Charge				
Local	18.50	18.52	18.82	18.96
Metro	23.28	22.70	23.28	22.50
Total	\$41.78	\$41.22	\$42.10	\$41.46
Quarterly Charge				
Local	27.75	27.78	28.23	28.44
Metro	34.92	34.05	34.92	33.75
Total	\$62.67	\$61.83	\$63.15	\$62.19
	0.00	0.00	0.00	0.00

ADMINISTRATIVE OPERATIONS

December 2016

Audit and Financial Dates:

Baker Tilly has scheduled the Utility's audit for March 20 and 21, 2017. The Public Service Commission Report is due April 1. Financial statement preparation will begin on April 3, and a draft copy of the basic financial statements and footnotes will be turned over to the City's auditor as soon as possible.

Credit Card Rewards:

The Utility earned \$537.99 from the redemption of its credit card reward points through Chase Bank. Rewards are calculated at 1.5% of all credit card expenditures.

Training:

Accounting Supervisor Stenzel and Senior Accountant Leranth attended the Bloodborne Pathogen training session held at the Utility office on December 14.

Workload:

Other administrative tasks included the following:

1. Added 3 customer accounts.
2. Billed 5,026 water customers and 5,093 sewer customers.

Gallons Billed (in thousands):

	YTD 2016	YTD 2015	YTD 2014	YTD 2013	YTD 2012	Average
Residential	452,344	440,641	431,281	446,453	512,673	456,678
Commercial	465,097	455,538	443,837	426,643	460,263	450,276
Industrial	445,429	387,516	399,529	388,377	366,548	397,480
Public Authority	14,769	23,424	18,646	21,822	25,102	20,753
Wholesale	1,160,739	1,269,766	1,163,545	1,205,158	1,318,000	1,223,442
Total	2,538,378	2,576,885	2,456,838	2,488,453	2,682,586	2,548,628
% Incr (Decr)	-1.5%	4.9%	-1.3%	-7.2%		

New Customers:

	YTD 2016	YTD 2015	YTD 2014	YTD 2013	YTD 2012	Average
Residential	28	25	20	39	36	29.6
Commercial	28	11	1	1	5	9.2
Industrial	0	1	0	0	0	0.2
Public Authority	1	3	1	0	0	1.0
Wholesale	0	0	0	0	0	-
Total	57	40	22	40	41	40
% Incr (Decr)	42.5%	81.8%	-45.0%	-2.4%		

New Commercial Customers (YTD 2016): Centennial Park (10 accounts), Chick Fil A (2 accounts), Pet Smart (2 accounts), Mattress Firm, Ryan Road Car Wash, Emerald Row Apartments, Sewing by Suzy, Autumn Creek Assisted Living Home, Splash Pad, Wheaton Franciscan Healthcare (2 accounts), Southfield Apartments (5 accounts), Main Street Apartments

Public Authority (YTD 2016): Oak Creek – Franklin School District

ENGINEERING OPERATIONS

December 2016

Partnership for Safe Water Distribution Improvements

All items of work on this project have been installed. The system is online and reporting data back to the water treatment plant via SCADA telemetry. In the following weeks, the mechanicals will be adjusted and calibrated; so that the Utility can verify the accuracy of the readings being sent to the plant. The new data - which includes chlorine residual, pH, and temperature - will be used to optimize these facilities within the context of the Utility's distribution system

CT Tank Compliance Project

The Utility, in conjunction with CH2M, is developing a new engineer's report, plans, and specifications according to the requirements of the Public Service Commission of Wisconsin (PSC). The new report, plans, and specifications will be shared with City of Franklin representatives throughout the development process.

Well No. 1 & 3 Abandonment

This project consists of abandoning Well No.'s 1 and 3. The Wisconsin Geological Survey (WGS) has been monitoring Well No. 1 and has asked for a meeting to see if that well can be preserved for future monitoring due to its uniqueness in proximity to Lake Michigan. The meeting will include representatives from the Utility, WGS, and the Wisconsin Department of Natural Resources (WDNR). The WDNR will have a say as to maintaining this well for future monitoring as they, by regulation, require that wells be abandoned.

Sanitary Sewer Rehabilitation Project

This project has been awarded by Commission and will begin in mid-January.

I-94 & Ryan Road Water Main

The soil borings for this project have been advanced and the soils found to be suitable for an underground jack and bore. The design of the project will continue to completion by the end of February. There is no new information from the Wisconsin Department of Transportation as to their construction schedule for the interchange work.

Drexel Ridge Apartments

This project consists of the installation of approximately 3,000' of water main and 1,800' of private interceptor sanitary sewer to serve proposed apartments at the northeast corner of Drexel and Pennsylvania. The interceptor sewer is complete. The water main has been installed and filled. Water safe samples will be taken this week to determine if the main can be put into service.

IKEA Way Utilities

IKEA Way utilities include installing approximately 2,000' of public water main and 1,500' of public sanitary sewer in order to serve a tributary area to the northern limit of the IKEA property. The sanitary sewer and water main are expected to be constructed starting in mid-January after delays had occurred with regard to Milwaukee County permitting processes.

DISTRIBUTION & COLLECTION OPERATIONS

December 2016

Water Main Breaks: In the month of December there was one water main break.

On December 26th the Utility had a report of a main break at 7970 South Wayland Drive. A crew was called in to repair an 8" DIP. After excavating the main 4 blow holes were discovered. The rest of the main looked in good shape. The main was installed in 1966

Water Lateral Repair:

On December 21st a crew was sent to 2665 West Sycamore Avenue to repair a 1" copper lateral. The leak was on the street side by the flare on the curb stop.

Hydrant Repair:

On December 22nd a crew was sent to 10265 South McGraw Drive to repair a Mueller fire hydrant that was hit by a vehicle. A police report is being obtained, so the responsible party is billed.

On December 22nd a crew was sent to 8032 South Wildwood Drive to repair an Iowa fire hydrant that was hit by a vehicle. A police report is being obtained, so the responsible party is billed.

Abandonments:

On December 22nd and 23rd a crew was sent to 8640 South Howell Avenue to abandon the three sanitary sewer laterals and the water lateral, so the building could be razed.

Miscellaneous:

On December 1st Dave Sorrem retired from the Utility with 20 years and 3 months of service.

On December 5th Mark Proeber moved from Utility locator to Utility service worker.

On December 9th Utility Service Workers Volbrecht, Price, Allard, Struebing, Pier, Maughan, Flatow and Distribution Manager Schwartz attended bloodborne pathogen training.

5 YEAR WATERMAIN BREAKS

Year	Corrosion Hole	Corrosion Nuts & Bolts	Service Lateral Leaks	Longitudinal Break	Circumferential Break	Misc.	Totals
2012	20	0	12	2	3	1	38
2013	16	0	10	0	7	2	35
2014	11	3	9	1	13	3	40
2015	13	1	9	1	3	2	29
2016	19	0	4	3	1	0	27

PLANT OPERATIONS

December, 2016

PUMPAGE REPORT	2016 (pumpage in gallons)	2015 (pumpage in gallons)	Percentage of Change
Monthly pumpage	200,620,000	206,411,000	-2.8
Monthly average day	6,472,000	6,658,000	-2.8
Monthly peak day	(12/04/16) 8,540,000	(12/14/15) 6,980,000	+22.4
Yearly pumpage	2,836,785,000	2,750,080,000	+3.2
Yearly average day	7,751,000	7,534,000	+2.9
Yearly peak day	(8/11/16) 11,950,000	(7/31/15) 13,150,000	-9.1
West zone pumpage	96,980,000	104,410,000	-7.1

WATER QUALITY REPORT	Raw Water	Finished Water
Average free chlorine		1.60 mg/l
Total chlorine		1.80 mg/l
Average alkalinity	108.6 mg/l	109.5 mg/l
Average pH	8.3	8.0
Average fluoride	0.12 mg/l	0.80 mg/l
Average turbidity	1.89 N.T.U.	0.04 N.T.U.
Average temperature	39.5°F	
Hardness	137 mg/l	137 mg/l

Preventative Maintenance Tasks: Staff completed 141 preventative maintenance tasks, 3 miscellaneous work orders, and 2 safety sessions during the month.

File Updates: Staff updated equipment files, SOP's and inventory during the month of December.

Task Distribution

