



Common Council Chambers
8040 S. 6th Street
Oak Creek, WI 53154
(414) 766-7000

Robert Cigale
Curtis Czarnecki
Kenneth Gehl
Chris Guzikowski
Fredrick Siepert- Alternate
Lisa Marshall

BOARD OF PUBLIC WORKS AND CAPITAL ASSETS

November 14, 2023
9:00 A.M.

The City's Vision

Oak Creek: A dynamic regional leader, connected to our community, driving the future of the south shore.

1. Call Meeting to Order.
2. Roll Call.
3. Approval of Minutes – 10/10/2023
4. **Informational:** Review of Common Council actions related to Public Works & Capital Assets.

GENERAL GOVERNMENT CAPITAL ASSETS

5. **Motion:** Consider a *motion* to approve the purchase of one phone server in the amount of \$13,366.84 from CDW.

PUBLIC WORKS & UTILITIES

6. **Motion:** Consider a *motion* to approve the 2024 Capital Budget for the Oak Creek Water and Sewer Utility.
7. **Motion:** Consider a *motion* to approve Utility vouchers for payment in the amount of \$951,738.01.
8. **Informational:** Administrative and Operations reports.

TRAFFIC & SAFETY

NONE

Adjournment.

Dated this 9th day of November 2023.

Public Notice

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 414-766-7000, by fax at 414-766-7976, or by writing to 8040 S. 6th Street, Oak Creek, Wisconsin 53154.

It is possible that members of and possibly a quorum of members of other governmental bodies of the municipality may attend 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.



BOARD OF PUBLIC WORKS AND CAPITAL ASSETS

October 10, 2023
9:00 A.M.

Common Council Chambers
8040 S. 6th Street
Oak Creek, WI 53154
(414) 766-7000

Robert Cigale
Curtis Czarnecki
Kenneth Gehl
Chris Guzikowski
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Lisa Marshall

The City's Vision

Oak Creek: A dynamic regional leader, connected to our community, driving the future of the south shore.

1. Call Meeting to Order.
2. Roll Call.

All Board Members were present except Alderman Ken Gehl, and Board Member Fred Siepert who were excused.

Also present: Director of Public Works Matthew Trebatoski, General Manager of Oak Creek Water Utility Michael Sullivan, IT Manager Tom Kramer, Design Engineer Andrew Ledger

3. Approval of Minutes – 09/14/2023

Alderwoman Marshall made a motion to approve the minutes of September 14th, 2023, seconded by Board Member Cigale. All voted aye except Czarnecki who abstained. Motion carried.

4. **Informational:** Review of Common Council actions related to Public Works & Capital Assets.

Director of Public Works Matthew Trebatoski presented three Common Council approvals related to Public Works & Capital Assets. First, the Council will adopt and approve the CIP and the 2024 Operating Capital Budget following a public hearing on November 21st, 2023. Secondly, a resolution approving the T-Mobile 1st Amendment to the lease agreement for the Howell Avenue monopole tower in the 1st district was agreed upon, which will result in an increase of Utility revenue of about \$25,000. Finally, a resolution accepting the workmanship of Edgerton Contractors Inc and authorizing final contract payment was approved.

GENERAL GOVERNMENT CAPITAL ASSETS

5. **Motion:** Consider a *motion* to approve the purchase of CCTV equipment from Digicorp at a total of \$67,340.

IT Manager Tom Kramer mentioned to the Board that with Digicorp the IT Department was able to purchase more cameras than anticipated due to the savings when making a bulk purchase. Alderwoman Marshall's question was inaudible. IT Manager Tom Kramer responded that what Alderwoman Marshall was referring to was the original request from the CIP.

Board Member Czarnecki made a motion to approve the purchase of CCTV equipment from Digicorp at a total of \$67,340, seconded by Alderwoman Marshall. All voted aye. Motion carried.

PUBLIC WORKS & UTILITIES

6. **Motion:** Consider a *motion* to approve the quote to remove the ballfield lights at Shepard Hills Park from Paul G. Senft & Sons Treching, LLC in the amount of \$14,500.00.

Director of Public Works Matthew Trebatoski mentioned to the Board that the current light system is about 47 years old, the system was originally designed to last about 30 years. Due to the age and infrequent use, it is recommended that the ballfield lights are removed.

Alderman Marshall made a motion to approve the quote to remove the ballfield lights at Shepard Hills Park from Paul G. Senft & Sons Treching, LLC in the amount of \$15,500.00, seconded by Cigale. All voted aye. Motion carried.

7. **Motion:** Consider a *motion* to award the S. 13th Street Hydrant Relocation project construction contract to the lowest responsive, responsible bidder, UPI, Inc. based on the bid amount of \$243,212.00 and amend the water capital budget by \$100,000. (Project No. 23113) (2nd Aldermanic District)

Michael Sullivan from Water Utility mentioned to the Board that all bidding results for this project were close together in price, however all outside of the budget. Board Member Czarnecki asked if there is anything, such as site conditions, that is causing an increase in price for this project. Sullivan replied no that there isn't a specific reason he can point to. However, the county is doing similar work, and the city needs to follow suit.

Board Member Czarnecki made a motion to award the S. 13th Street Hydrant Relocation project construction contract to the lowest responsive, responsible bidder, UPI, Inc. based on the bid amount of \$243,212.00 and amend the water capital budget by \$100,000. Alderman Marshall seconded. All voted aye. Motion carried.

8. **Motion:** Consider a *motion* to approve progress payment No. 1 for the E. Forest Hill Avenue Water Relay project to UPI, Inc. in the amount of \$140,384.50. (Project No. 23111) (2nd & 6th Aldermanic Districts)

Alderman Marshall made a motion to approve progress payment No. 1 for the E. Forest Hill Avenue Water Relay project to UPI, Inc. in the amount of \$140,384.50. Board Member Cigale seconded. All voted aye. Motion carried.

9. **Motion:** Consider a *motion* to approve Change Order No. 1 for the Susan Drive Water Relay project to Globe Contractors in the amount of \$1,533.75. (Project No. 22102) (2nd Aldermanic District)

Board Member discussion inaudible.

Alderman Marshall made a motion to approve Change Order No. 1 for the Susan Drive Water Relay project to Globe Contractors in the amount of \$1,533.75, Board Member Czarnecki seconded. All voted aye. Motion carried.

10. **Motion:** Consider a *motion* to approve the final payment for the Susan Drive Water Relay project to Globe Contractors in the amount of \$36,264.15. (Project No. 22102) (2nd Aldermanic District)

General Manager Sullivan tells the Board that this is the final project payment for this project.

Alderman Marshall made a motion to approve the final payment for the Susan Drive Water Relay project to Globe Contractors in the amount of \$36,264.15 Board Member Cigale seconded. All voted aye. Motion carried.

11. **Motion:** Consider a *motion* to approve Dukes Root Control to treat roots in the sanitary system in the amount of \$15,700.32.

Michael Sullivan informed the Board that once every two years Utility performs root control to a number of City sewers, typically smaller sewers. Utility then goes back to those sewers and confirms the roots are or are not growing. He mentions the cost of this project is usually around \$25,000, and Duke's Root Control has historically done a fantastic job for the city.

Alderman Marshall asks how Utility determines what sewers need the root control.

Michael Sullivan responds that there is camera footage of the inside of the sewers that it collected once every 5 years, this helps in keeping track of which sewer needs the treatment, and which sewers are getting progressively worse. Sullivan adds that it's a proactive tracking system.

Board Member Czarnecki makes a motion to approve Dukes Root Control to treat roots in the sanitary system in the amount of \$15,700.32. Alderman Marshall seconded the motion. All voted aye. Motion carried.

12. **Motion:** Consider a *motion* to approve Utility vouchers for payment in the amount of \$498,731.44.

Alderman Marshall made a motion to approve the Utility vouchers for payment in the amount of \$498,731.44. Board Member Cigale seconded the motion. All voted aye. Motion carried.

13. **Informational:** Administrative and Operations reports.

Although not seen in the meeting packet, Utility Manager Michael Sullivan tells the Board that BS&A software conversion is going "all in" in November and should be completed in November. Sullivan continues by going over some highlights of the reports included in the meeting packets.

Board Member Cigale asks Michael Sullivan how the meeting with Franklin and the DNR went.

Sullivan responds that the meeting went very well, and there will be more meetings moving forward.

Board Member Cigale's question was inaudible. Michael Sullivan replies "Yes, I agree".

Conversation between Alderman Marshall and Michael Sullivan was inaudible.

Alderman Marshall asks Michael Sullivan if the hydrant on Fitzsimmons and Nicholson is affecting a resident in any way. Michael Sullivan replies that it is not affecting a resident.

Board Member Cigale asks Michael Sullivan about some complaints that have been occurring regarding an acetone smell affecting residents in a certain area. Michael Sullivan says the sewers are going to continue to be monitored.

TRAFFIC & SAFETY

14. **Motion:** Consider a *motion* to approve the installation of “Deaf Child Area” signs on South Pine Avenue. (1st Aldermanic District)

Design Engineer Andrew Ledger’s presentation on the matter is inaudible.

Alderwoman Marshall’s question is inaudible.

Andrew Ledger’s response is inaudible.

Alderwoman Marshall made a motion to approve the installation of “Deaf Child Area” signs on South Pine Avenue. Board Member Czarnecki seconds the motion. All voted aye. Motion carried.

15. **Motion:** Consider a *motion* to approve the 2024 Operating Budget for the Oak Creek Water and Sewer Utility.

Water and Utility General Manager Michael Sullivan gives an overview of the 2024 Operating Budget and opens the floor for questions, comments, and concerns.

Board Member Czarnecki asks Michael Sullivan if he is aware of the increasing rate of return for the Water Department, and if he has a plan for the future.

Michael Sullivan replies yes, he is aware. He adds “...all of that is meant to go towards our large project of the treatment plant...we don’t want to consider our rate decreased now and then in a couple years, after the project is done, have to go in for an increase”.

Alderwoman Marshall made a motion to approve the 2024 Operating Budget for the Oak Creek Water and Sewer Utility. Board Member Cigale seconds the motion. All voted aye. Motion carried.

Adjournment.

Alderwoman Marshall made a motion to adjourn at 9:33am, seconded by Board Member Cigale. All voted aye, motion carried.

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STAFF REPORT

Item: Purchase of replacement phone server

Recommendation: That the board consider a motion to approve the purchase of one phone server in the amount of \$13,366.84 from CDW.

Fiscal Impact: This equipment would be funded with the 2023 CIP Computer Replacement budget.

- Critical Success Factor(s):**
- Vibrant and Diverse Cultural Opportunities
 - Thoughtful Development and Prosperous Economy
 - Safe, Welcoming, and Engaged Community
 - Inspired, Aligned, and Proactive City Leadership
 - Financial Stability
 - Quality Infrastructure, Amenities, and Services
 - Not Applicable

Background: The current phone servers were purchased in 2015. The expected lifespan of the servers are 5 to 7 years. Vendor support has now ended for the current models that we have, so we are looking to replace with a supported model. This server is one of two that runs the phone system for the City.

Options/Alternatives: We can continue to operate the current server until failure. We would then be running the phone server with no redundancy on unsupported hardware.

Respectfully submitted:

Prepared:

Andrew J. Vickers, MPA
City Administrator

Thomas Kramer
IT Manager

Fiscal Review:

Approved:

Indiv
Title

Attachments: Quote: CDW



Thank you for choosing CDW. We have received your quote.

Hardware Software Services IT Solutions Brands Research Hub

QUOTE CONFIRMATION

THOMAS KRAMER,

Thank you for considering CDW•G for your technology needs. The details of your quote are below. **If you are an eProcurement or single sign on customer, please log into your system to access the CDW site.** You can search for your quote to retrieve and transfer back into your system for processing.

For all other customers, click below to convert your quote to an order.

Convert Quote to Order

ACCOUNT MANAGER NOTES:	<p>Thank you. Have a great day!</p> <p>Adam Flynn Executive Account Manager 866-723-3621 adamfly@cdwg.com</p>
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QUOTE #	QUOTE DATE	QUOTE REFERENCE	CUSTOMER #	GRAND TOTAL
NPXK613	10/27/2023	CISCO BE6K - QTY 1	3903333	\$13,366.84

IMPORTANT - PLEASE READ

Special Instructions: TAX: MULTIPLE TAX JURISDICTIONS APPLY
TAX: CONTACT CDW FOR TAX DETAILS

QUOTE DETAILS

ITEM	QTY	CDW#	UNIT PRICE	EXT. PRICE
Cisco Business Edition 6000 (Export Restricted) M6 - rack-mountable - Xeon Mfg. Part#: BE6K-M6-K9 TAX: OAK CREEK, WI .0000% \$.00 Contract: Wisconsin Cisco NVP Data Communications AR3227 (AR3227 505ENT-M21-DATACOM)	1	7343873	\$6,512.40	\$6,512.40
Cisco Smart Net Total Care - extended service agreement - on-site Mfg. Part#: CON-OSP-BE6K6KHW ** 3 years ** Electronic distribution - NO MEDIA TAX: OAK CREEK, WI .0000% \$.00 Contract: Wisconsin Cisco NVP Data Communications AR3227 (AR3227 505ENT-M21-DATACOM)	1	7358259	\$2,244.00	\$2,244.00
VMware vSphere Standard (v. 6) - license - 1 CPU Mfg. Part#: VMW-VSP-STD-3A= UNSPSC: 43233006 TAX: OAK CREEK, WI .0000% \$.00 Contract: Wisconsin Cisco NVP Data Communications AR3227 (AR3227 505ENT-M21-DATACOM)	2	4059115	\$848.42	\$1,696.84

QUOTE DETAILS (CONT.)

[Cisco Independent Software Vendor Application Services technical support -](#) 2 6535505 \$1,456.80 \$2,913.60

Mfg. Part#: CON-ISV1-VSXSTD3A
Electronic distribution - NO MEDIA
TAX: OAK CREEK, WI .0000% \$.00
Contract: Wisconsin Cisco NVP Data Communications AR3227
(AR3227 505ENT-M21-DATACOM)

SUBTOTAL	\$13,366.84
SHIPPING	\$0.00
SALES TAX	\$0.00
GRAND TOTAL	\$13,366.84

PURCHASER BILLING INFO	DELIVER TO
Billing Address: THOMAS KRAMER CITY OF OAK CREEK 8040 S 6TH ST OAK CREEK, WI 53154-2313 Phone: (414) 766-7046 Payment Terms: VISA	Shipping Address: CITY OF OAK CREEK THOMAS KRAMER 8040 S 6TH ST OAK CREEK, WI 53154-2313 Shipping Method: DROP SHIP-GROUND
	Please remit payments to: CDW Government 75 Remittance Drive Suite 1515 Chicago, IL 60675-1515



Sales Contact Info

Adam Flynn | (866) 723-3621 | adamfly@cdwg.com

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For more information, contact a CDW account manager

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WATER & SEWER UTILITY 2024 CAPITAL BUDGET

		<u>Total</u>	<u>Water</u>	<u>Sewer</u>
Distribution	Meter Exchange	127,000.00	127,000.00	
	Truck Replacement	50,000.00	45,000.00	5,000.00
	Parts Washer	10,000.00	9,000.00	1,000.00
	Sewer Camera Truck	175,000.00	17,500.00	157,500.00
	Sewer Cleaner/Hydro-Excavator Truck	200,000.00	20,000.00	180,000.00
	Excavation Trailer	20,000.00	18,000.00	2,000.00
	Vac Trailer and Valve Turner	80,000.00	72,000.00	8,000.00
	Subtotal	662,000.00	308,500.00	353,500.00
Treatment Plant	Isolation Valve Replacement (22nd Booster Station)	43,000.00	43,000.00	-
	Chlorine Pump Replacements	17,000.00	17,000.00	-
	Lab Cabinet and Countertop Replacement	55,000.00	55,000.00	-
	Building Flashing and Roof Tee Repair	25,000.00	25,000.00	-
	Coagulant Optimization Tool	15,000.00	15,000.00	-
	Subtotal	155,000.00	155,000.00	-
Projects	Abendschein Park Water Main Loop	410,000.00	410,000.00	-
	Clement Avenue 6" Force Main Relay	500,000.00	-	500,000.00
	Garden Place 4" Force Main Relay	225,000.00		225,000.00
	Orchard Reservoir Mixer	100,000.00	100,000.00	
	Shepard Avenue Water Main Relay	650,000.00	650,000.00	
	Water Valve Rehabilitation	350,000.00	350,000.00	
	Treatment Plant HVAC Replacement	325,000.00	325,000.00	
	Underground Facilities Rehabilitation (UFR) Project	9,000,000.00	9,000,000.00	
Subtotal	11,560,000.00	10,835,000.00	725,000.00	
TOTAL		\$ 12,377,000.00	\$ 11,298,500.00	\$ 1,078,500.00

Five Year History

<u>Year</u>	<u>Total</u>	<u>Water</u>	<u>Sewer</u>
2023	8,443,658.50	7,338,604.85	1,105,053.65
2022	3,713,500.00	2,908,100.00	805,400.00
2021	3,988,000.00	3,015,000.00	973,000.00
2020	7,752,000.00	6,739,100.00	1,012,900.00
2019	2,411,466.00	2,052,866.00	358,600.00



2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

Department: Water & Sewer Utility (Distribution)	Contact Person: Darrin Allard
Request Title: Residential water meters	
General Description: Water meters are replaced as scheduled	
Justification and Intent: Meters need to be replaced before their life cycle is met.	
Description of Alternatives: None per the PSC. Meters are required to be replaced on a 20-year cycle.	
Description of Disposal, if Applicable: Old meters are torn apart and scrapped	
Impact on other Projects: None	
Cost Analysis: (Quotes, estimates, breakdown of potential cost and how you arrived here) \$127,000 for 450 meters and reading heads at \$281.04 per unit.	
Annual Impact on Operating Budget: (Will we have an additional reoccurring operating cost?) None	



2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

Department: Water & Sewer Utility (Distribution)	Contact Person: Darrin Allard
Request Title: Replacement of one (1) utility pickup truck	
General Description: Replace one pickup truck that is used as general purpose in the fleet	
Justification and Intent: This 2012 model is due for replacement based on our vehicle replacement policy	
Description of Alternatives: Let the vehicle keep getting older and in need of more repairs	
Description of Disposal, if Applicable: The vehicle will either be traded in or sold at auction	
Impact on other Projects: None	
Cost Analysis: (Quotes, estimates, breakdown of potential cost and how you arrived here) \$50,000 to purchase a similar vehicle due for replacement	
Annual Impact on Operating Budget: (Will we have an additional reoccurring operating cost?) None	



2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

Department: Water & Sewer Utility (Distribution)	Contact Person: Darrin Allard
Request Title: Parts Washing Cabinet	
General Description: This piece of equipment uses hot water, jets, and steam to clean parts. This is a feature that will aide in cleaning parts associated with the water distribution system	
Justification and Intent: Cleaning these products by hand is very time consuming and not very effective. Solvent based cleaners are not allowed to be used in the water distribution system	
Description of Alternatives: Keep doing it the way we are now	
Description of Disposal, if Applicable: N/A	
Impact on other Projects: None	
Cost Analysis: (Quotes, estimates, breakdown of potential cost and how you arrived here) The cabinet costs \$10,000 .	
Annual Impact on Operating Budget: (Will we have an additional reoccurring operating cost?) None	



2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

Department: Water & Sewer Utility (Distribution)	Contact Person: Darrin Allard
Request Title: Sewer inspection camera and equipment truck	
General Description: This is the first installment of two anticipated ones to replace the existing sewer inspection equipment	
Justification and Intent: To replace the 2010 model truck and equipment that is breaking down after time. This specialty vehicle is on a 15-year replacement cycle. We must inspect the sanitary system on a 5-10 year cycle depending on pipe type.	
Description of Alternatives: Budget the money all in the same year	
Description of Disposal, if Applicable: Vehicle will be traded in or sold at auction	
Impact on other Projects: None	
Cost Analysis: (Quotes, estimates, breakdown of potential cost and how you arrived here) This budget request is for \$175,000 . The remaining \$175,000 would be budgeted in 2025.	
Annual Impact on Operating Budget: (Will we have an additional reoccurring operating cost?) None	



2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

Department: Water & Sewer Utility (Distribution)	Contact Person: Darrin Allard
Request Title: Sewer cleaner/hydro-excavator truck replacement	
General Description: This specialty vehicle is on a 10-year replacement cycle. It currently has 7600 hours which is equivalent to roughly 266,000 miles.	
Justification and Intent: To replace the 2014 model Vac-Con when it is roughly 10 years old	
Description of Alternatives: Keep this machine and risk costly repairs	
Description of Disposal, if Applicable: Vehicle will be traded in or sold at auction	
Impact on other Projects: None	
Cost Analysis: (Quotes, estimates, breakdown of potential cost and how you arrived here) This budget request is for \$200,000 . \$400,000 has already been budgeted in previous years. The total cost of the truck is \$600,000	
Annual Impact on Operating Budget: (Will we have an additional reoccurring operating cost?) None	



2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

Department: Water & Sewer Utility (Distribution)	Contact Person: Darrin Allard
Request Title: Excavation Trailer Replacement	
General Description: This trailer is used on all excavations and carries our pumps, parts, shield and other equipment	
Justification and Intent: To replace the 2008 model trailer we currently have	
Description of Alternatives: Keep this trailer that is rotting away	
Description of Disposal, if Applicable: Trailer will be repurposed or sold at auction	
Impact on other Projects: None	
Cost Analysis: (Quotes, estimates, breakdown of potential cost and how you arrived here) The trailer and needed equipment inside will be \$20,000.	
Annual Impact on Operating Budget: (Will we have an additional reoccurring operating cost?) None	



2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

Department: Water & Sewer Utility (Distribution)	Contact Person: Darrin Allard
Request Title: Vac Trailer and Valve Turner	
General Description: This piece of equipment is trailer mounted and will be used to operate the water valves we have in the system. We are required to have an operational schedule to operate all of the valves in the city. This machine can clean them out and operate them with more torque and efficiency than we currently can do.	
Justification and Intent: Some of the valves we operate now are very difficult to turn. There is possibility of injury to workers. It also has the ability to clean the valves out right away instead of having to return to the shop or call to have another piece of equipment brought out. It also has the ability to hydro-excavate around utilities. This equipment will also record the turning torque and number of turns required to operate valves and allow importing this information to the valve exercising GIS layers	
Description of Alternatives: Keep doing it the way we are now	
Description of Disposal, if Applicable: N/A	
Impact on other Projects: None	
Cost Analysis: (Quotes, estimates, breakdown of potential cost and how you arrived here) These specialized trailer/equipment combos run around \$80,000 based on quotes received	
Annual Impact on Operating Budget: (Will we have an additional reoccurring operating cost?) None	



2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

Department: Water and Sewer Utility (treatment plant)	Contact Person: Mike Robe
Request Title: Replace pump isolation valves at 22 nd Street Booster Station	
General Description: Replacement of four supply side and four suction side isolation valves	
Justification and Intent: The valves that isolate the booster pumps at 22 nd street booster station no longer close tight. Each time maintenance or repairs are performed on these pumps the entire station needs to be valved off. 22 nd street booster station is our most used booster station and we cannot have this station offline for the duration of repairs.	
Description of Alternatives: Do nothing and have service interruptions each time maintenance is performed on these pumps	
Description of Disposal, if Applicable: N/A	
Impact on other Projects: None	
Cost Analysis: (Quotes, estimates, breakdown of potential cost and how you arrived here) \$43,000 is the estimated cost to replace all eight valves. A reputable valve supplier visited the site and submitted this estimated cost. The high performance DeZURIK valves are the recommended replacement for the current DeZURICK valves. The 3 design features that make this the best valve for the application are utilizing a one-piece shaft design, Teflon seats as standard (excellent for chemical resistant), and a Spring & Pressure Assisted Soft Seat design that includes a titanium back-up ring which utilizes hoop stress to provide memory for the seat. The high performance DeZURICK valves have a 30 plus year life expectancy.	
Annual Impact on Operating Budget: (Will we have an additional reoccurring operating cost?) No reoccurring cost.	



2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

Department: Water and Sewer Utility (treatment plant)	Contact Person: Mike Robe
Request Title: Chlorine Feed Pump replacement	
General Description: Replace two additional chemical feed pumps	
Justification and Intent: The remaining chlorine feed pumps are over 20 years old and are nearing the end of their useful life. These are diaphragm pumps and have many ancillary parts. These parts are costly and need frequent replacement and maintenance. The new peristaltic pumps do not require any ancillary parts to perform pumping operations. The new pumps will eliminate check valve plugging, off gassing and increasing maintenance. The two peristaltic pumps we installed in 2023 are working well and we will install two more in 2024.	
Description of Alternatives: Continue to replace parts until the current pumps are unusable leaving us with no redundancy	
Description of Disposal, if Applicable: N/A	
Impact on other Projects: None	
Cost Analysis: (Quotes, estimates, breakdown of potential cost and how you arrived here) \$17,000 is the estimated cost to replace the two remaining chlorine feed pumps.	
Annual Impact on Operating Budget: (Will we have an additional reoccurring operating cost?) No reoccurring cost.	



2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

Department: Water and Sewer Utility (treatment plant)	Contact Person: Mike Robe
Request Title: Lab Upgrade	
General Description: Replace counters, cabinets, and sinks in the Treatment Plant lab	
Justification and Intent: The lab counters, cabinets, and sinks are over 50 years old. There have been many patchwork repairs over the years and the rust and deterioration has become too much to repair. This renovation will allow full function of all cabinets in the lab and replace all the patchwork repairs from years past.	
Description of Alternatives: Continue efforts to repair deteriorating equipment until it is completely unusable.	
Description of Disposal, if Applicable: N/A	
Impact on other Projects: None	
Cost Analysis: (Quotes, estimates, breakdown of potential cost and how you arrived here) \$55,000 is the estimated cost to replace the aging counters, cabinets, sinks, faucets and sample taps.	
Annual Impact on Operating Budget: (Will we have an additional reoccurring operating cost?) No reoccurring cost.	



2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

Department: Water and Sewer Utility (treatment plant)	Contact Person: Mike Robe
Request Title: Repair Flashing and Roof Tees	
General Description: Repair of the flashing and roof tees on the exterior of the Treatment Plant	
Justification and Intent: There are several areas on the exterior of the Treatment Plant where the concrete has crumbled off the roof tees. These areas need to be repaired to protect the exposed rebar. There are also several areas where the roof flashing is lifting up or falling off. These areas need to be repaired to keep water from infiltrating the building and walls.	
Description of Alternatives: Do nothing and have the building continue to degrade.	
Description of Disposal, if Applicable: N/A	
Impact on other Projects: None	
Cost Analysis: (Quotes, estimates, breakdown of potential cost and how you arrived here) \$25,000 is the estimated cost to repair the crumbling concrete and loose flashing. Some of the caulking and sealing may also need to be replaced upon inspection from contractors.	
Annual Impact on Operating Budget: (Will we have an additional reoccurring operating cost?) No reoccurring cost.	



2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

Department: Water and Sewer Utility (Treatment Plant)	Contact Person: Mike Sullivan, General Manager
Request Title: Purchase of a RoboJar Coagulant Optimization Tool	
General Description: Equipment for Optimizing Coagulant Dose	
Justification and Intent: Currently \$134,000 is spent on the chemical coagulant (Poly Aluminum Hydroxychloride) used to promote organic settling in the raw water. The dose floor has been set more than 20 years ago when the lake conditions were more turbid. The clarity of the lake presents an opportunity to optimize the coagulant dose and potentially reduce the amount added to the water thereby reducing treatment cost. The RoboJar product brings science to the largely subjective jar testing traditionally used. It measures the actual floc particle size to insure the chemical dosing is not producing a floc that is too large or too small for optimal settling. The goal would be to reduce the chemical cost by 10%. This would save \$13,400 in the first year alone.	
Description of Alternatives: Continue to use the old method of dosing chemicals.	
Description of Disposal, if Applicable: N/A	
Impact on other Projects: None	
Cost Analysis: (Quotes, estimates, breakdown of potential cost and how you arrived here) \$15,000 is the cost of the equipment.	
Annual Impact on Operating Budget: (Will we have an additional reoccurring operating cost?) No reoccurring cost.	



2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

Department: Water & Sewer Utility (Engineering)	Contact Person: Brian Johnston, Utility Engineer
Request Title: Abendschein Park water main looping	
General Description: Install 8" water main to complete water loop from E. Quietwood Place to E. Drexel Avenue	
Justification and Intent: We are looping the 8-inch water main 1, 350 LF from E. Quietwood Place to E. Drexel Avenue through Abendschein Park. This will improve fire protection and water quality for the Stonebrook development.	
Description of Alternatives: N/A	
Description of Disposal, if Applicable: N/A	
Impact on other Projects: N/A	
Cost Analysis: (Quotes, estimates, breakdown of potential cost and how you arrived here) The water main looping project is estimated at \$410,000 .	
Annual Impact on Operating Budget: (Will we have an additional reoccurring operating cost?) No impact to the operation budget.	



1 inch equals 125 feet

Legend

- Existing Water Main
- - - Proposed Water Main



Date printed: 10/26/2023



2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

Department: Water & Sewer Utility (Engineering)	Contact Person: Brian Johnston, Utility Engineer
Request Title: S. Clement Avenue 6" force main relay	
General Description: Relay 1,165 LF of existing 6" DIP force main with 6" PVC along S. Clement Avenue that runs to the lift station.	
Justification and Intent: The force main outlet to MH 767014 was inspected with the televising of the sanitary sewer main this summer. The existing ductile iron pipe is more than 50% blocked with deposits in the main. The crew tried to break up the deposits while cleaning but was unsuccessful. The new force main will allow the pumps to work more efficiently and prevent a potential blockage.	
Description of Alternatives: N/A	
Description of Disposal, if Applicable: N/A	
Impact on other Projects: N/A	
Cost Analysis: (Quotes, estimates, breakdown of potential cost and how you arrived here) The construction of the new 6" PVC force main would be \$500,000 .	
Annual Impact on Operating Budget: (Will we have an additional reoccurring operating cost?) No impact to the operation budget.	



2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

Department: Water & Sewer Utility (Engineering)	Contact Person: Brian Johnston, Utility Engineer
Request Title: E. Garden Place 4" force main relay	
General Description: Relay 475 LF of existing 4" DIP force main with 4" PVC along W. Garden Place that runs to the lift station.	
Justification and Intent: The force main was installed in 1984 and is at the end of its life. The condition of the Clement Avenue force main prompt the replacement of this line as well. The Clement Lift Station was constructed in 1983. The new force main will allow the pumps to work more efficiently and prevent a potential blockage. The project will include running a fiber line for communication with the station.	
Description of Alternatives: N/A	
Description of Disposal, if Applicable: N/A	
Impact on other Projects: N/A	
Cost Analysis: (Quotes, estimates, breakdown of potential cost and how you arrived here) The construction of the new 4" PVC force main would be \$225,000 .	
Annual Impact on Operating Budget: (Will we have an additional reoccurring operating cost?) No impact to the operation budget.	



2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

Department: Water & Sewer Utility (Engineering)	Contact Person: Brian Johnston, Utility Engineer
Request Title: Orchard Reservoir mixer	
General Description: Installing a mixer in the reservoir to prevent the stratification of the water.	
Justification and Intent: The Orchard reservoir holds 6 million gallons of water. This water is being cycled by the treatment plant operators bringing the level down before filling it back up. This process keeps the water moving in the tank but it limits the water reserves we have available in the system. The draw down of the water is needed in order to prevent the water to develop layers as the water temperature changes. This impacts the chlorine residuals in the reservoir as well. We are looking to install a mixer in the Orchard Reservoir to prevent the stratification of the water in the tank. This will keep the chlorine residual stable and prevent the treatment plant operators from cycling the reservoir. This will allow the reservoir to maintain its capacity to provide system storage and fire protection. The project will also need to have SCADA controls added to the booster pump station so that the mixer can be controlled at the plant.	
Description of Alternatives: N/A	
Description of Disposal, if Applicable: N/A	
Impact on other Projects: N/A	
Cost Analysis: (Quotes, estimates, breakdown of potential cost and how you arrived here) The mixer installation is estimated at \$100,000 .	
Annual Impact on Operating Budget: (Will we have an additional reoccurring operating cost?) No impact to the operation budget.	



2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

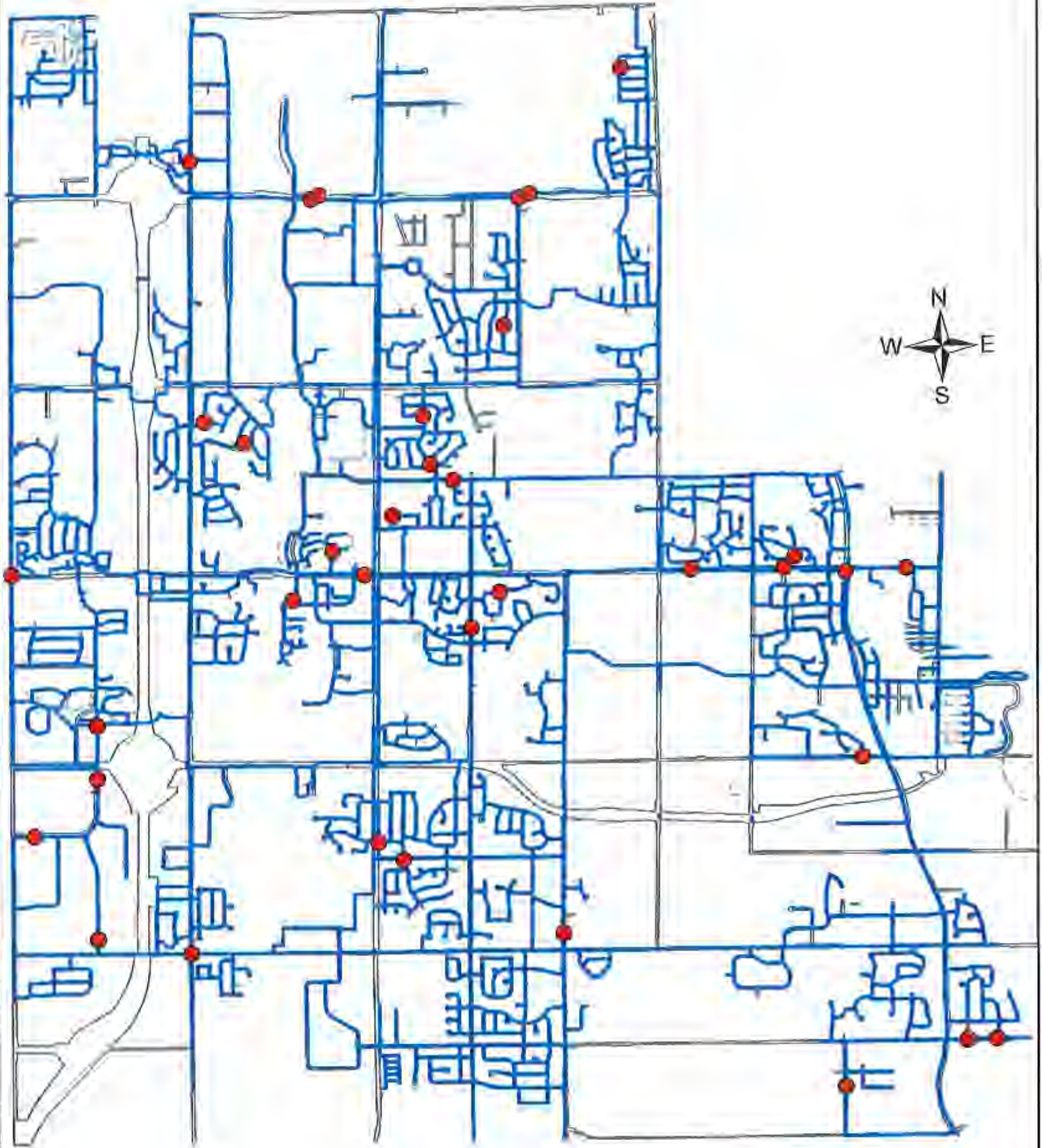
Department: Water & Sewer Utility (Engineering)	Contact Person: Brian Johnston, Utility Engineer
Request Title: S. Shepard Avenue water relay	
General Description: Relay 1,285 LF of existing 12" DIP water main with 12" PVC along S. Shepard Avenue from E. Puetz Road to E. Groveland Avenue.	
Justification and Intent: The project would replace the 1958 12" cast iron and 1965 12" ductile iron pipe along S. Shepard Avenue between E. Puetz Road and E. Groveland Avenue. This is an area that has had 23 breaks on it over the years. It impacts Edgewood Elementary School, a day care and 11 homes. This is an area that is recommended for replacement in the water master plan .	
Description of Alternatives: N/A	
Description of Disposal, if Applicable: N/A	
Impact on other Projects: N/A	
Cost Analysis: (Quotes, estimates, breakdown of potential cost and how you arrived here) The construction of the 12" PVC water main relay would be \$650,000 .	
Annual Impact on Operating Budget: (Will we have an additional reoccurring operating cost?) No impact to the operation budget.	



2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

Department: Water & Sewer Utility (Engineering)	Contact Person: Brian Johnston, Utility Engineer
Request Title: Water valve rehabilitation project	
General Description: Repairing valves in the system that are leaking or not operating properly.	
Justification and Intent: We have 36 valves that are jammed open due to the packing leaking. These valves need to be exposed and the packing replaced to stop the leaks. We also have several valves that need the bonnet bolts replaced. Typically, this work is completed by the Distribution workers. The department has been short staffed and not able to complete the tasks. This will free up the staff time and get the valve operating again.	
Description of Alternatives: N/A	
Description of Disposal, if Applicable: N/A	
Impact on other Projects: N/A	
Cost Analysis: (Quotes, estimates, breakdown of potential cost and how you arrived here) The valve rehabilitation project is estimated at \$350,000 .	
Annual Impact on Operating Budget: (Will we have an additional reoccurring operating cost?) No impact to the operation budget.	

Valves Jammed Open





2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

Department: Water & Sewer Utility (Engineering)	Contact Person: Brian Johnston, Utility Engineer
Request Title: HVAC replacement at the Water Treatment Plant	
General Description: Design and replacement of the existing HVAC system with a new air handling unit	
Justification and Intent: <p>The existing system was installed in 1977 when the facility was constructed. Several modifications and additions to the building have changed the needs and efficiency of the HVAC system. Clark Dietz has completed a 95% plan set for the HVAC system with a complete replacement of the system along with a new air handling unit. The design also has grown from the original scope as the existing boiler controls will need to be replaced with the new HVAC system and numerous thermostats were found to not be functioning. Additional funds are requested for the installation of the HVAC system. This will also require PSC approval since it is over the threshold of \$470,000.</p>	
Description of Alternatives: <p>The Clark Dietz report includes options that could be eliminated from the project. Replacing the lighting and ceiling tiles in the conference room and office \$15,000, Installation of the additional cooling for computer room \$5,000, Removal of MCC-7 feeder from Unit Substation No. 2, \$25000.</p>	
Description of Disposal, if Applicable: <p>The contractor will remove and dispose of the existing HVAC system and ductwork as needed for the project.</p>	
Impact on other Projects: N/A	
Cost Analysis: (Quotes, estimates, breakdown of potential cost and how you arrived here) <p>This request is for \$325,000. The design and replacement of the HVAC system at the water treatment plant is estimated at \$650,000. In 2023 we budgeted \$325,000 towards the project.</p>	
Annual Impact on Operating Budget: (Will we have an additional reoccurring operating cost?) <p>The new HVAC system should be more energy efficient and be a positive impact on the operating budget.</p>	



2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

Department: Water & Sewer Utility (Engineering)	Contact Person: Brian Johnston, Utility Engineer
Request Title: Underground Facilities Rehabilitation (UFR) Project	
General Description: This project allocates additional funding to address the numerous DNR identified compliance issues with the existing buried chlorine contact (CT) tank and other facilities at the treatment plant.	
Justification and Intent: <p>This purpose of this project is to construct improvements at the water treatment plant site to address WDNR code compliance issues with underground facilities at the treatment plant. In 2008, the WDNR told the Oak Creek Water and Sewer Utility that all chlorine contact (CT) tank issues needed to be resolved within ten years.</p> <p>The WDNR raised code compliance issues with the CT tank in December 2007 as outlined below:</p> <ul style="list-style-type: none"> • There is no means to take the CT Tank down for a full inspection. A full drain down inspection is required at least every 10 years. • There is no overflow for the CT Tank. • The tank's existing base is below the ground water elevation. • The pipes to and from the CT Tank are not under continuous pressure higher than the groundwater elevation. • The top of the CT Tank is not 2 feet above normal ground elevation. • The roof has no slope and likely no membrane <p>In addition, the high lift pump station has a concrete wet well that is below groundwater and violates the same WDNR code as the CT tank.</p>	
Description of Alternatives: N/A	
Description of Disposal, if Applicable: N/A	
Impact on other Projects: N/A	
Cost Analysis: (Quotes, estimates, breakdown of potential cost and how you arrived here) This request adds \$9 million to the UFR project. Alternatives analysis is underway now. The project chosen will likely cost tens of millions of dollars.	
Annual Impact on Operating Budget: (Will we have an additional reoccurring operating cost?) No impact to the operation budget at this time.	

2024 CAPITAL BUDGET

PROJECTS IN PROGRESS

	<u>Total Budgeted</u>	<u>Amount Remaining as of 10/31/2023</u>	<u>Water</u>	<u>Sewer</u>
19104 Full Water System Master Plan (2018, 2020)	450,000.00	98,224.50	98,224.50	-
19107 Security Upgrades (2017)	250,000.00	241,425.30	168,997.71	72,427.59
21101 Howell Avenue Water Relay (2021, 2022)	2,750,000.00	318,326.99	318,326.99	-
21107 Replacement of Plant PLC's (2020, 2021)	824,000.00	184,753.96	184,753.96	-
21110 Fire Hydrant Refinishing (2021)	20,000.00	20,000.00	20,000.00	-
21111 Sewer Cleaner/Hydro-excavator Truck (2021, 2022)	400,000.00	400,000.00	40,000.00	360,000.00
22101 Forest Hill Manor Water Relay (2022)	900,000.00	39,059.39	39,059.39	-
22104 Sanitary Sewer Relay on 5th Ave and American Ave (2022)	350,000.00	317,591.76	-	317,591.76
22108 Rawson Ave Water Main Replacement (6th - 10th st) (2022)	781,600.00	692,199.98	657,589.97	34,610.00
22109 Financial Software (BS&A) (2022)	81,160.00	56,900.00	39,830.00	17,070.00
22115 Coagulation Control Center Cabinet Replacement (2022)	8,000.00	2,658.24	2,658.24	-
22118 Underground Facilities Rehabilitation Project (UFRP)	13,200,000.00	13,040,936.60	13,040,936.60	-
23105 Low Lift Shorewell Cleaning	15,000.00	15,000.00	15,000.00	-
23106 Chlorine Contact Tank Inspection and Engineering Review	20,000.00	19,947.29	19,947.29	-
23109 HVAC Replacement WTP (2023)	325,000.00	249,227.20	249,227.20	-
23111 Forest Hill Water Relay (2023)	275,000.00	107,736.22	107,736.22	-
23112 6th & Marquette Water Design (2023)	350,000.00	50,000.00	50,000.00	-
23113 13th St Hydrant Relocation (2023)	300,000.00	262,080.76	222,768.65	39,312.11
23114 Security and Access Control Replacement (Plant & HQ) (2023)	150,000.00	150,000.00	120,000.00	30,000.00
23115 Remote Station Radio Replacement (2023)	100,000.00	100,000.00	70,000.00	30,000.00
23116 2023 Sanitary Rehab (2023)	750,000.00	726,214.76	-	726,214.76
23117 Sanitary Model Update (2023)	50,000.00	18,725.87	-	18,725.87
Raw Water Meter (2023)	14,900.00	14,900.00	14,900.00	-
High Lift Pump No. 1 Rebuild (2023)	32,413.00	32,413.00	32,413.00	-
TOTAL PROJECTS IN PROGRESS BUDGET	<u>22,397,073.00</u>	<u>17,158,321.82</u>	<u>15,512,369.72</u>	<u>1,645,952.09</u>

OAK CREEK WATER AND SEWER UTILITY
Forecasted Statement of Cash Flows
For the Year Ending December 31, 2024

	<u>Water</u>	<u>Sewer</u>	<u>Total</u>
<u>Operating Activities:</u>			
Operating income (loss) per budget	\$ 2,739,782	\$ 85,900	\$ 2,825,682
Adjustments to reconcile operating income to net cash provided by operating activities:			
Depreciation per budget	<u>2,695,100</u>	<u>605,600</u>	<u>3,300,700</u>
 Net Cash Provided By Operating Activities	 <u>5,434,882</u>	 <u>691,500</u>	 <u>6,126,382</u>
 <u>Capital and Related Financing Activities:</u>			
Acquisition and construction of capital assets - CO	(15,512,370)	(1,645,952)	(17,158,322)
Acquisition and construction of capital assets - New	(11,298,500)	(1,078,500)	(12,377,000)
Special assessment proceeds	60,000	20,000	80,000
Interfund loan payment - principal	(220,414)	220,414	-
Interfund loan payment - interest	(75,538)	75,538	-
Debt payment - principal	(1,190,493)	-	(1,190,493)
Debt payment - interest	<u>(200,103)</u>	<u>-</u>	<u>(200,103)</u>
 Net Cash Provided By Capital and Related Financing Activities	 <u>(28,437,417)</u>	 <u>(2,408,500)</u>	 <u>(30,845,917)</u>
 <u>Investing Activities:</u>			
Interest received	<u>900,000</u>	<u>200,000</u>	<u>1,100,000</u>
 Net Cash Provided By Investing Activities	 <u>900,000</u>	 <u>200,000</u>	 <u>1,100,000</u>
 NET CHANGE IN CASH	 <u>\$ (22,102,535)</u>	 <u>\$ (1,517,000)</u>	 <u>\$ (23,619,535)</u>
 Unrestricted Cash - Beginning of Year:			
Cash Balance as of 10/31/2023:			
Checking	\$ 3,903,996	\$ 1,673,141	\$ 5,577,137
LGIP	28,717,115	5,555,875	34,272,990
Less: Restricted cash	(851,163)	-	(851,163)
Less: CMAR sewer equip replacement account	-	(452,622)	(452,622)
Less: Dec. 1, 2023 debt payment due	(463,640)	-	(463,640)
Less: Dec. 15, 2023 interfund loan payment due	(224,464)	224,464	-
Less: Checking minimum required	(1,400,000)	(600,000)	(2,000,000)
Less: Pollution at treatment plant site	<u>(2,295,600)</u>	<u>-</u>	<u>(2,295,600)</u>
Unrestricted Cash - Beginning of Year	<u>27,386,244</u>	<u>6,400,858</u>	<u>33,787,102</u>
 Unrestricted Cash - End of Year	 5,283,709	 4,883,858	 10,167,567
Less: Reserve balance to maintain	<u>(4,780,988)</u>	<u>(2,705,350)</u>	<u>(7,486,338)</u>
Unreserved Cash - End of Year	<u>\$ 502,721</u>	<u>\$ 2,178,508</u>	<u>\$ 2,681,229</u>

ACCOUNTS PAYABLE SUMMARY

November 14, 2023

Vendor	Description	Dollar Amount
Badger Meter Manufacturing	Meters, Beacons Services, Chlorine Analyzer Membranes	8,602.14
BS & A	Accounting Software	31,425.00
Chase Card Services	Charge Card Invoices	5,744.79
CH2M	PLC Replacement, Underground Facilities Rehab	76,662.81
Chemtrade Chemicals US, LLC.	Coagulant	17,575.74
City Of Oak Creek	City Bill Covering Quarter 3, East Side Fiber Project	218,601.49
Clark Dietz, Inc.	Plant HVAC Replacement	9,242.00
Hydrite Chemical, Co.	Plant Chlorine	9,098.40
Idexx Distribution Corp.	Lab Supplies	4,226.06
Kwik Trip	Truck Fleet Gas	3,292.90
Milwaukee Metropolitan Sewerage District	Metro Bills	421,644.35
Neenah Foundry	Manhole Adjustment Rings	2,706.70
Next Electric, LLC.	PLC Replacement	22,785.70
Oak Creek Utility	Utility's Metro Bill	8,182.46
PBBS Equipment Corporation	Boiler Repair	3,754.91
R.A. Smith National	Project Consultation	24,190.98
Wisconsin Electric Power Company	Electric/Gas Bills	57,818.43
Subtotal		925,554.86
Remaining Invoices		26,183.15
TOTAL OF ACCOUNTS PAYABLE INVOICES TO BE PAID		\$ 951,738.01

INVOICES DUE ON/BEFORE 11/14/2023

INVOICE #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT

01230	ACE HARDWARE-SOUTH MILWAUKEE							
69636/2	10/27/23	01	YARD SPRINKLER, SEALANT	082462602			10/27/23	21.81
		02		082664302				21.81
							INVOICE TOTAL:	43.62
69714/2	10/31/23	01	LAWN MOWER FUSE	083693302			10/31/23	6.39
							INVOICE TOTAL:	6.39
69726/2	10/31/23	01	TARP, TAPE	082462602			10/31/23	16.09
		02		082664302				16.08
							INVOICE TOTAL:	32.17
							VENDOR TOTAL:	82.18
06250	AMERICAN INDUSTRIAL							
2023-11	11/01/23	01	RUG/COVERALL CLEANING SERVICES	082462602			11/01/23	141.21
		02		082664302				141.21
		03		082866202				329.63
		04		092882702				82.41
							INVOICE TOTAL:	694.46
							VENDOR TOTAL:	694.46
07500	AMERICAN WATERWORKS ASSOC.							
S0117536	10/16/23	01	AWWA MEMBERSHIP	083293002			10/16/23	2,502.00
							INVOICE TOTAL:	2,502.00
							VENDOR TOTAL:	2,502.00
11250	BADGER METER MANUFACTURING							
1605249	10/16/23	01	RAWSON PIT METER	080234600			10/16/23	4,077.44
							INVOICE TOTAL:	4,077.44
1610101	10/16/23	01	THRIVE FOODS METER	080234600			10/16/23	3,779.58
							INVOICE TOTAL:	3,779.58

INVOICES DUE ON/BEFORE 11/14/2023

INVOICE #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT

11250	BADGER METER MANUFACTURING							
1613692	10/31/23	01	CHLORINE ANALYZER MEMBRANES	082463202			10/31/23	361.64
							INVOICE TOTAL:	361.64
80140352	10/16/23	01	QUARTERLY BEACON SERVICES	083292302			10/16/23	268.44
		02		093285202				115.04
							INVOICE TOTAL:	383.48
							VENDOR TOTAL:	8,602.14
11640	CHASE CARD SERVICES							
2023-11-DA	10/31/23	01	ALLARD-SEWER SUPPLIES, SHOP	083693302			10/31/23	710.16
		02	SUPPLIES, VEHICLE SUPPLIES,	092882702				350.00
		03	CREDIT FOR RETURN	082866202				69.84
		04		092882702				29.93
		05		082866202				39.81
		06		092882702				17.06
		07		082866202				-72.85
							INVOICE TOTAL:	1,143.95
2023-11-DN	10/27/23	01	NIEMI-SPEAKERS, VOLUME CONTROL	083292102			10/27/23	979.75
		02	PC MONITORS, CHARGERS, USB HUB	093285102				419.89
							INVOICE TOTAL:	1,399.64
2023-11-MR	10/27/23	01	ROBE-CLEANING SUPPLIES, LAB	082462602			10/27/23	188.62
		02	SUPPLIES, EXHAUST PIPE CAP,	082463302				21.93
		03	SHIPPING, FIRST AID KITS, AIR	082664202				306.81
		04	FILTERS, VENT REPAIR, NITRILE	082664302				121.11
		05	GLOVES, LEVEL SENSOR, MOWER	082665202				801.50
		06	CLUTCH, SAFETY GLOVES, HAND	083292602				15.86
		07	TOWELS, OFFICE SUPPLIES	083693302				172.99
							INVOICE TOTAL:	1,628.82
2023-11-MS	10/27/23	01	SULLIVAN-BOILER REPAIR,	083292602			10/27/23	100.00
		02	CONFERENCE	082867802				136.15

INVOICES DUE ON/BEFORE 11/14/2023

INVOICE #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT

11640	CHASE CARD SERVICES							
2023-11-MS	10/27/23	03		093283402			10/27/23	58.35
							INVOICE TOTAL:	294.50
2023-11-NB	10/27/23	01	BUTLER-PHONE/INTERNET CHARGES,	082260302			10/27/23	15.00
		02	RETIREMENT-PRICE	082462402				25.00
		03		082462602				188.13
		04		082664302				178.12
		05		082866202				25.00
		06		082866222				7.00
		07		083292102				304.06
		08		083292102				157.76
		09		083292602				49.22
		10		083841622				14.00
		11		092882002				45.00
		12		092882022				7.00
		13		092882702				65.00
		14		093285102				176.50
		15		093285402				21.09
							INVOICE TOTAL:	1,277.88
							VENDOR TOTAL:	5,744.79
12252	BATTERIES PLUS LLC							
P66322219	10/16/23	01	BATTERIES-UPS TOWER	082665202			10/16/23	32.25
							INVOICE TOTAL:	32.25
P66376568	10/16/23	01	BATTERIES-UPS ORCHARD WAY, SYC	082665202			10/16/23	118.00
							INVOICE TOTAL:	118.00
P66487121	10/16/23	01	BATTERIES-UPS STATIONS	082665202			10/16/23	542.25
							INVOICE TOTAL:	542.25
							VENDOR TOTAL:	692.50
15194	BS & A							

INVOICES DUE ON/BEFORE 11/14/2023

INVOICE #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT
15194			BS & A					
150951	10/27/23	01	ACCOUNTING SOFTWARE	080175100			10/27/23	21,997.50
		02		090175100				9,427.50
								INVOICE TOTAL: 31,425.00
								VENDOR TOTAL: 31,425.00
17640			CH2M					
460402CH041	10/16/23	01	PLC REPLACEMENT	080121107			10/16/23	8,760.00
		02	UNDERGROUND FACILITIES REHAB	080122118				25,135.00
								INVOICE TOTAL: 33,895.00
460402CH042	11/01/23	01	PLC REPLACEMENT	080121107			11/01/23	24,142.50
		02	UNDERGROUND FACILITIES REHAB	080122118				18,625.31
								INVOICE TOTAL: 42,767.81
								VENDOR TOTAL: 76,662.81
17999			CHEMTRADE CHEMICALS US LLC					
93612757	10/27/23	01	H1050 COAGULANT-PLANT	080415400			10/27/23	17,575.74
								INVOICE TOTAL: 17,575.74
								VENDOR TOTAL: 17,575.74
18750			CITY OF OAK CREEK					
2023-Q3	10/27/23	01	CITY BILL COVERING QUARTER 3	083293002			10/27/23	3.50
		02		093285602				1.50
		03		081023300				172,713.19
		04		091023300				43,178.30
								INVOICE TOTAL: 215,896.49
2300012933	10/25/23	01	EAST SIDE FIBER PROJECT	080122106			10/25/23	2,705.00
								INVOICE TOTAL: 2,705.00
								VENDOR TOTAL: 218,601.49
20275			CLARK DIETZ, INC.					

INVOICES DUE ON/BEFORE 11/14/2023

INVOICE #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT

20275	CLARK DIETZ, INC.							
439114	11/01/23	01	HVAC REPLACEMENT WTP	080123109			11/01/23	9,242.00
							INVOICE TOTAL:	9,242.00
							VENDOR TOTAL:	9,242.00
25645	CORE & MAIN LP							
T735123	10/16/23	01	CURB STOP REPAIR PARTS	083841600			10/16/23	314.50
							INVOICE TOTAL:	314.50
							VENDOR TOTAL:	314.50
30000	DIGGERS HOTLINE INC.							
230961601	10/16/23	01	DIGGERS HOTLINE TICKETS-SEPT	083841622			10/16/23	361.80
		02	EMAIL TICKETS 405 @ \$1.74	092882022				180.90
		03	PHONE TICKETS 7 @ \$2.70	082866222				180.90
							INVOICE TOTAL:	723.60
							VENDOR TOTAL:	723.60
41108	ENVIROTECH EQUIPMENT							
22-0022208	10/16/23	01	VACCON REAR DOOR HANDLE	092882702			10/16/23	128.39
		02		082866202				55.02
							INVOICE TOTAL:	183.41
							VENDOR TOTAL:	183.41
42625	FERGUSON WATERWORKS #1476							
WW047450	10/16/23	01	WATER SAMPLE BOTTLES	082664202			10/16/23	86.95
							INVOICE TOTAL:	86.95
WW047450-1	10/27/23	01	FLUSHING SAMPLE BOTTLES	082867702			10/27/23	86.95
							INVOICE TOTAL:	86.95
WW047451	10/27/23	01	HYDRANT FLUSHING SUPPLIES	082867702			10/27/23	48.00
							INVOICE TOTAL:	48.00
							VENDOR TOTAL:	221.90

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INVOICE #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT

43075	FIRST SUPPLY LLC							
13892165-00	10/16/23	01	CURB STOP REPAIR PARTS	083841600			10/16/23	3.42
							INVOICE TOTAL:	3.42
							VENDOR TOTAL:	3.42
43135	FISHER SCIENTIFIC COMPANY							
6892997	10/27/23	01	LAB SUPPLIES	082664202			10/27/23	111.72
							INVOICE TOTAL:	111.72
							VENDOR TOTAL:	111.72
43395	FURMACK, DON							
2023	10/16/23	01	LAWN SERVICE-PUMPING STATION	083292302			10/16/23	599.95
							INVOICE TOTAL:	599.95
							VENDOR TOTAL:	599.95
43415	GS SYSTEMS LP							
26090	10/27/23	01	LONGWATCH RENEWAL	083292302			10/27/23	1,080.80
		02	1/24/24-12/31/24	083292302				463.20
							INVOICE TOTAL:	1,544.00
							VENDOR TOTAL:	1,544.00
46912	GFL ENVIRONMENTAL							
U80000266030	10/27/23	01	PLANT DUMPSTER-NOV 2023	083292302			10/27/23	58.57
							INVOICE TOTAL:	58.57
							VENDOR TOTAL:	58.57
47015	GULLAND, CONNIE							
2023-CLOTHING	11/01/23	01	UTILITY ISSUED CLOTHING	083292602			11/01/23	48.92
		02		093285402				20.97
							INVOICE TOTAL:	69.89
							VENDOR TOTAL:	69.89

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INVOICE #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT

50550	HILLER FORD							
1285270	10/31/23	01	TRUCK PARTS	083693302			10/31/23	455.65
							INVOICE TOTAL:	455.65
							VENDOR TOTAL:	455.65
52486	JENNIFER HOWSKI							
2023-CELL:JUNE-AUG	10/27/23	01	CELL PHONE:JUNE-AUG 2023	083292602			10/27/23	52.50
		02		093285402				22.50
							INVOICE TOTAL:	75.00
							VENDOR TOTAL:	75.00
55010	HYDRITE CHEMICAL CO.							
2705990	10/16/23	01	CHLORINE-PLANT USE	080415400			10/16/23	9,098.40
							INVOICE TOTAL:	9,098.40
							VENDOR TOTAL:	9,098.40
55030	HYDRO-FLO PRODUCTS INC.							
43167	10/16/23	01	HYDRANT REPLACEMENT PARTS	082867702			10/16/23	1,903.64
							INVOICE TOTAL:	1,903.64
							VENDOR TOTAL:	1,903.64
55350	IDEXX DISTRIBUTION CORP.							
3138458866	10/16/23	01	LAB SUPPLIES	082664202			10/16/23	4,226.06
							INVOICE TOTAL:	4,226.06
							VENDOR TOTAL:	4,226.06
55575	INTERSTATE ERECTING INC.							
11710-1	10/16/23	01	REMOVAL OF STANDBY ENGINE	082462602			10/16/23	1,250.00
		02	EXHAUST	082462602				1,250.00
							INVOICE TOTAL:	2,500.00
							VENDOR TOTAL:	2,500.00

INVOICES DUE ON/BEFORE 11/14/2023

INVOICE #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT

56685	KAESTNER AUTO ELECTRIC							
427293	10/31/23	01	TRUCK LIGHTS	083693302			10/31/23	1,067.00
							INVOICE TOTAL:	1,067.00
							VENDOR TOTAL:	1,067.00
56860	KELLER HEARTT CO INC							
452871-IN	10/31/23	01	EQUIPMENT OIL-PLANT	082462602			10/31/23	470.54
							INVOICE TOTAL:	470.54
							VENDOR TOTAL:	470.54
58150	KWIK TRIP EXTENDED NETWORK							
NP65307393	10/31/23	01	TRUCK FLEET GAS	083693302			10/31/23	3,292.90
							INVOICE TOTAL:	3,292.90
							VENDOR TOTAL:	3,292.90
59999	LESMAN INSTRUMENT COMPANY							
PSI265981	10/31/23	01	FLUORIDE TANK LEVEL SENSOR	082664202			10/31/23	1,262.30
							INVOICE TOTAL:	1,262.30
							VENDOR TOTAL:	1,262.30
62906	LUDKE, MELISSA							
2023-CELL:JAN-AUG	10/16/23	01	CELL PHONE:JAN-AUG 2023	083292602			10/16/23	200.00
							INVOICE TOTAL:	200.00
2023-CLOTHING	10/27/23	01	UTILITY ISSUED CLOTHING	083292602			10/27/23	125.40
		02		093285402				53.74
							INVOICE TOTAL:	179.14
							VENDOR TOTAL:	379.14
63805	QUADIENT							
31216740	10/27/23	01	POSTAGE	083292102			10/27/23	97.22

INVOICES DUE ON/BEFORE 11/14/2023

INVOICE #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT
63805			QUADIENT					
31216740	10/27/23	02		093285102			10/27/23	41.67
							INVOICE TOTAL:	138.89
							VENDOR TOTAL:	138.89
65599			MCMASTER-CARR					
15675133	10/16/23	01	22ND ST SPEED ADJUST VALVES	082665202			10/16/23	221.18
							INVOICE TOTAL:	221.18
							VENDOR TOTAL:	221.18
65611			MENARDS					
68710	10/27/23	01	SHOP SUPPLIES	082866202			10/27/23	73.28
		02		092882702				31.41
							INVOICE TOTAL:	104.69
69067	10/31/23	01	SEWER LIFT STATION PARTS	092483202			10/31/23	9.35
							INVOICE TOTAL:	9.35
69111	11/01/23	01	METER INSTALL TOOLS	082867602			11/01/23	105.16
							INVOICE TOTAL:	105.16
69116	10/27/23	01	PLANT SUPPLIES, ADHESIVE, LAB	082462602			10/27/23	78.38
		02	ACID	082664302				78.38
		03		082664202				35.96
							INVOICE TOTAL:	192.72
69162	10/27/23	01	PIPE TAPE	082462602			10/27/23	28.94
		02		082664302				28.93
							INVOICE TOTAL:	57.87
							VENDOR TOTAL:	469.79
65625			MILWAUKEE METRO. SEWERAGE DIST					
221-23	10/16/23	01	METRO BILL	091023202			10/16/23	362,300.38
							INVOICE TOTAL:	362,300.38

INVOICES DUE ON/BEFORE 11/14/2023

INVOICE #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT

65625	MILWAUKEE METRO. SEWERAGE DIST							
237-23	10/27/23	01	METRO BILL	091023202			10/27/23	59,343.97
							INVOICE TOTAL:	59,343.97
							VENDOR TOTAL:	421,644.35
70025	NASSCO, INC.							
6347493	10/16/23	01	HDQ VACUUM CLEANER	083292102			10/16/23	265.97
		02		093285102				113.98
							INVOICE TOTAL:	379.95
6351489	10/31/23	01	VACUUM CLEANER PARTS	083293002			10/31/23	48.64
		02		093285602				20.85
							INVOICE TOTAL:	69.49
							VENDOR TOTAL:	449.44
70188	NEENAH FOUNDRY							
132615	10/31/23	01	MANHOLE ADJUSTMENT RINGS	092883102			10/31/23	2,706.70
							INVOICE TOTAL:	2,706.70
							VENDOR TOTAL:	2,706.70
70330	NEXT ELECTRIC, LLC.							
21107-PMT #5	10/16/23	01	PLC REPLACEMENT	080121107			10/16/23	22,785.70
							INVOICE TOTAL:	22,785.70
							VENDOR TOTAL:	22,785.70
70557	NORTHERN LAKE SERVICE INC.							
2317016	10/16/23	01	WATER TESTS	082664202			10/16/23	25.00
							INVOICE TOTAL:	25.00
2318315	10/27/23	01	WATER TESTS	082664202			10/27/23	340.74
							INVOICE TOTAL:	340.74

INVOICES DUE ON/BEFORE 11/14/2023

INVOICE #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT

70557	NORTHERN LAKE SERVICE INC.							
2318322	10/27/23	01	WATER TESTS	082664202			10/27/23	13.86
							INVOICE TOTAL:	13.86
2318414	10/27/23	01	WATER TESTS	082664202			10/27/23	104.20
							INVOICE TOTAL:	104.20
2318459	10/31/23	01	WATER TESTS	082664202			10/31/23	765.00
							INVOICE TOTAL:	765.00
2318605	10/31/23	01	WATER TESTS	082664202			10/31/23	69.48
							INVOICE TOTAL:	69.48
							VENDOR TOTAL:	1,318.28
72570	OAK CREEK UTILITY							
2023-11	10/27/23	01	UTILITY'S METRO BILL	082664202			10/27/23	8,182.46
							INVOICE TOTAL:	8,182.46
							VENDOR TOTAL:	8,182.46
73755	PBBS EQUIPMENT CORPORATION							
269854	10/16/23	01 02	BOILER REPAIR	082867802 093283402			10/16/23	1,137.91 487.67
							INVOICE TOTAL:	1,625.58
269918	10/16/23	01 02	BOILER REPAIR	082867802 093283402			10/16/23	1,137.91 487.67
							INVOICE TOTAL:	1,625.58
269933	10/16/23	01 02	BOILER REPAIR	082867802 093283402			10/16/23	352.63 151.12
							INVOICE TOTAL:	503.75
							VENDOR TOTAL:	3,754.91
75698	PREMIUM WATERS, INC.							

INVOICES DUE ON/BEFORE 11/14/2023

INVOICE #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT

75698	PREMIUM WATERS, INC.							
362607556	10/27/23	01	DISTILLED WATER-PLANT	082664202			10/27/23	32.96
							INVOICE TOTAL:	32.96
							VENDOR TOTAL:	32.96
76575	R.A. SMITH NATIONAL							
176444	10/16/23	01	RAWSON AVE WATER RELAY 6-10 ST	080122108			10/16/23	2,223.00
							INVOICE TOTAL:	2,223.00
176445	10/16/23	01	FOREST HILL WATER RELAY	080123111			10/16/23	1,462.48
							INVOICE TOTAL:	1,462.48
176446	10/16/23	01	13TH ST HYDRANT RELOCATION	080123113			10/16/23	2,872.50
							INVOICE TOTAL:	2,872.50
176447	10/16/23	01	6TH & MARQUETTE WATER DESIGN	080123112			10/16/23	7,410.00
							INVOICE TOTAL:	7,410.00
176683	10/27/23	01	DREXEL LIFT STATION	090121018			10/27/23	1,128.00
							INVOICE TOTAL:	1,128.00
177022	11/01/23	01	LAKESHORE COMMONS	080121086			11/01/23	1,138.50
		02		090121086				2,037.00
							INVOICE TOTAL:	3,175.50
177027	11/01/23	01	SUSAN DRIVE WATER RELAY	080122102			11/01/23	170.00
							INVOICE TOTAL:	170.00
177028	11/01/23	01	HOWELL AVE WATER RELAY	080121101			11/01/23	1,386.00
							INVOICE TOTAL:	1,386.00
177032	11/01/23	01	FOREST HILL WATER RELAY	080123111			11/01/23	4,363.50
							INVOICE TOTAL:	4,363.50
							VENDOR TOTAL:	24,190.98

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INVOICE #	VENDOR #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT
76630	R. S. PAINT & TOOLS LLC								
265970		10/16/23	01	MARKING PAINT-DIGGER'S LOCATES	083841622			10/16/23	225.12
			02		092882022				112.56
			03		082866222				112.56
								INVOICE TOTAL:	450.24
								VENDOR TOTAL:	450.24
76880	ROBE, MICHAEL								
2023-CLOTHING		10/27/23	01	UTILITY ISSUED CLOTHING	083292602			10/27/23	160.01
			02		093285402				68.58
								INVOICE TOTAL:	228.59
								VENDOR TOTAL:	228.59
80103	SHERWIN-WILLIAMS								
5636-8		10/31/23	01	LOW LIFT CONCRETE SEALER	082463302			10/31/23	2,000.00
								INVOICE TOTAL:	2,000.00
								VENDOR TOTAL:	2,000.00
82879	STAPLES BUSINESS ADVANTAGE								
3548762207		10/16/23	01	OFFICE SUPPLIES	083292102			10/16/23	33.95
			02		093285102				14.55
								INVOICE TOTAL:	48.50
3549471229		10/16/23	01	OFFICE SUPPLIES	083292102			10/16/23	26.32
			02		093285102				11.28
								INVOICE TOTAL:	37.60
3549775192		10/27/23	01	OFFICE SUPPLIES	083292102			10/27/23	96.56
			02		093285102				41.38
								INVOICE TOTAL:	137.94
								VENDOR TOTAL:	224.04
87556	THE RECYCLING CENTER &								

INVOICES DUE ON/BEFORE 11/14/2023

INVOICE #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT
87556	THE RECYCLING CENTER &							
8369	10/16/23	01	CRUSHED ROCK-WM BREAK REPAIR	082867302			10/16/23	1,641.36
							INVOICE TOTAL:	1,641.36
							VENDOR TOTAL:	1,641.36
91270	TRI-STATE EQUIP CO.							
160835	10/31/23	01	VACCON PARTS	092882702			10/31/23	39.14
		02		082866202				16.77
							INVOICE TOTAL:	55.91
							VENDOR TOTAL:	55.91
91305	UEMSI/HTV							
2106865-IN	10/16/23	01	SEWER HOSE REPAIR TOOL	092882702			10/16/23	2,113.83
							INVOICE TOTAL:	2,113.83
							VENDOR TOTAL:	2,113.83
93100	USA BLUE BOOK							
160105	10/27/23	01	LAB PURE FILTER	082664202			10/27/23	205.00
							INVOICE TOTAL:	205.00
160252	10/27/23	01	LAB CHEMICALS	080415400			10/27/23	636.22
							INVOICE TOTAL:	636.22
160721	10/27/23	01	LAB CHEMICALS	080415400			10/27/23	54.05
							INVOICE TOTAL:	54.05
							VENDOR TOTAL:	895.27
96250	WISCONSIN ELECTRIC POWER COMP.							
2023-10-25-E	10/16/23	01	ELECTRIC/GAS BILLS	082462302			10/16/23	38,063.57
		02		082462602				4,047.71
		03		082664202				2,099.63

INVOICES DUE ON/BEFORE 11/14/2023

INVOICE #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT

96250	WISCONSIN ELECTRIC POWER COMP.							
2023-10-25-E	10/16/23	04		082664302			10/16/23	5,248.97
							INVOICE TOTAL:	49,459.88
2023-11-08-G	10/27/23	01	ELECTRIC/GAS BILLS	082462602			10/27/23	494.92
		02		082664302				542.02
		03		082866502				27.07
		04		083292102				27.07
		05		092882702				27.08
		06		093285102				27.08
							INVOICE TOTAL:	1,145.24
2023-11-2-E	10/27/23	01	ELECTRIC/GAS BILLS	082462302			10/27/23	5,526.26
		02		082462602				26.49
		03		082866102				34.77
		04		082866502				374.05
		05		083292102				374.04
		06		092482102				129.62
		07		092882702				374.04
		08		093285102				374.04
							INVOICE TOTAL:	7,213.31
							VENDOR TOTAL:	57,818.43
97751	WI STATE LABORATORY OF HYGIENE							
755339	10/16/23	01	FLUORIDE SAMPLES	082664202			10/16/23	28.00
							INVOICE TOTAL:	28.00
							VENDOR TOTAL:	28.00
							TOTAL ALL INVOICES:	951,738.01

ADMINISTRATIVE OPERATIONS

October 2023

Workload:

Other administrative tasks included the following:

- Added 12 customer accounts for the month.
- Billed 948 water customers and 973 sewer customers.

Gallons Billed (in thousands):

	YTD 2023	YTD 2022	YTD 2021	YTD 2020	YTD 2019	Average
Residential	355,571	341,934	361,863	353,641	324,288	347,459
Commercial	448,237	422,193	424,013	398,284	386,659	415,877
Industrial	566,214	519,602	452,733	412,400	434,094	477,009
Public Authority	15,180	13,942	10,180	8,284	9,443	11,406
Wholesale	1,248,327	1,150,080	1,174,255	1,131,589	1,066,464	1,154,143
Total	2,633,529	2,447,751	2,423,044	2,304,198	2,220,948	2,405,894
% Change to Prior Year	7.6%	1.0%	5.2%	3.7%	N/A	
% Change to Average	9.5%	1.7%	0.7%	-4.2%	-7.7%	

New Customers:

	YTD 2023	YTD 2022	YTD 2021	YTD 2020	YTD 2019	Average
Residential	58	24	66	43	18	41.8
Commercial	13	13	7	15	9	11.4
Industrial	0	0	0	0	0	-
Public Authority	0	0	0	3	0	0.6
Wholesale	0	0	0	0	0	-
Total	71	37	73	61	27	53.8

ENGINEERING OPERATIONS

October 2023

HVAC Replacement at WTP

Clark Dietz submitted the revised design plans with the incorporation of the boiler controls and several of the thermostats not functioning properly. Engineering will review and set up an on-site meeting in November. We plan on advertising the project in January. It is anticipated that this project will require PSC approval.

S. Howell Avenue Water Relay

A.W. Oakes is still waiting for parts to be delivered to change out the hydrant stems to stainless steel. The patch in Howell Avenue should be completed in the first week of November.

Underground Facilities Rehabilitation

We met with Jacobs, Franklin, and WDNR to discuss the proposed alternatives for the design. Jacobs will take the information to be received from the participants in the next month and compile the results for the design. We will plan on meeting again in mid-November. Caledonia has engaged Foth to look at their water demand to the year 2060.

Sanitary Rehabilitation Project

Globe completed their spot repair work on the rehab project. Visu-Sewer started lining the sanitary sewer. They also have grouted the sewer along Oakwood Road prior to the lining. The project will be completed in November.

E. Forest Hill Ave Water Relay

UPI completed the water main relay project and restoration.

PLC Replacement Project

Next was onsite to restart the replacement project again. PLCs C and H have been replaced. We still have E, D, A, and B cabinets to complete. We have a corrosion issue on the PLC racks that were stored in the cabinets waiting for installation. Next is working with Rockwell on a solution. The project is planned to be completed by the end of the year. If the corrosion issue is not solved quickly, it will delay completion to 2024.

Sanitary Model Update

Engineering met with Brown and Caldwell to discuss the system plans and revised sanitary subbasins. The project is planned to be completed by the end of the year.

S. 13th Street Hydrant Relocation

UPI submitted signed contracts for the 13th Street Hydrant Relocation project. We will have a preconstruction meeting in November with proposed start November 13.

Developer projects

- Broadacre - water and sanitary construction complete and punch list items remain.
- Oaks at 8100 - water and sanitary construction complete and punch list items remain.
- Hey Day - utility construction began in September.
- The Learning Experience - sanitary and water installed in October.
- MATC - water main was installed in October.
- Lake Shore Commons - sanitary and water laterals are being relayed for the north townhouses. Punch list items were completed for the south A9 building occupancy.

DISTRIBUTION & COLLECTION OPERATIONS

October 2023

Water Main Breaks:

On October 19th, a contractor working near the 12" AC pipe on Forest Hill Ave. struck the pipe with their trench box. This split a coupler and damaged the pipe. We assisted them by throttling down the main so they could make the repair. They ended up cutting out a section of pipe and running in the service for Learning Experience in that location.

On October 24th, a 16" plug blew out of the main in the Hey Day development. Thanks to the quick reaction of the treatment plant operator on duty, he was able to overcome the significant amount of water that was leaking. The distribution crew ended up repairing the pipe and restraining the cap in hopes this will not happen again. The estimated amount of water lost was 3 million gallons in 1.5 hours.

Water Lateral Repairs:

There were no laterals repaired in the month of October.

Hydrant Repairs/Maintenance:

Semi-annual dead-end hydrants were flushed.

Winterization of hydrants has begun.

Valve Repairs:

No valves were repaired in the month of October.

Sewer Repairs/Maintenance:

Workers continued with sewer cleaning and televising.

Miscellaneous:

The 10" meter at the Franklin Rawson meter was replaced after it quit functioning.

Our newest distribution worker, Michael Nitecki, began on October 30th putting us back to a full crew.

We had successful auction results using Wisconsin Surplus to sell 4 trucks and some other miscellaneous equipment.

Out of Service:

There are currently three fire hydrants out of service in need of repair. There are currently 36 valves jammed open in need of repair.

DISTRIBUTION GOALS 2023

JOB DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS	GOALS
Meters														
Meter Exchanges	47	57	21	4	2	2	3	214	138	125			613	605
Cross Connection Inspections	6	9	12	6	7	7	13	218	147	128			561	300
Industrial Inspections	40	16	22	19	21	47	84	75	27	75			426	375
Water														
Annual Hydrant Flushing	-	-	-	331	380	53	1,282	1	-	3			2,050	2,259
Semi-annual Flushing	-	-	-	18	20	8	58	-	-	102			205	2x109 (218)
Quarterly Flushing	29	-	21	5	10	10	38	-	-	52			185	4x50 (200)
Flush Emergency Connections	-	-	-	3	-	-	-	-	-	-			3	3
Watermain Crossings	36	36	-	-	-	-	-	-	-	-			72	63
Operate Valves	-	-	-	-	-	165	473	167	-	1			806	1,000
Hydrant Painting	-	-	-	-	19	158	-	57	-	-			234	150
Cathodic Protection Tests	-	-	-	-	-	-	-	-	-	-			-	11
Check Remote Water Mains	-	-	-	-	-	-	-	-	-	-			-	40
Sewer														
Clean Sewers	-	393	15,270	10,562	21,138	22,547	20,128	29,574	11,516	14,884			146,042	165,000
Camera Sewers	11,217	20,248	18,703	14,675	20,716	19,677	11,060	9,714	6,611	14,705			147,326	165,000
Check Problem Sewers	99	5	57	47	-	91	17	-	63	49			428	309
Check Remote Sewer Mains	-	-	-	-	-	-	-	-	-	-			-	51
Admin														
Tier II Report	Done													
MMSD Annual CMOI Report						Done								
DNR eCMAR						Done								
DNR River Crossing Stations										Done				
Cross Connection Survey		Done												

PLANT OPERATIONS

October 2023

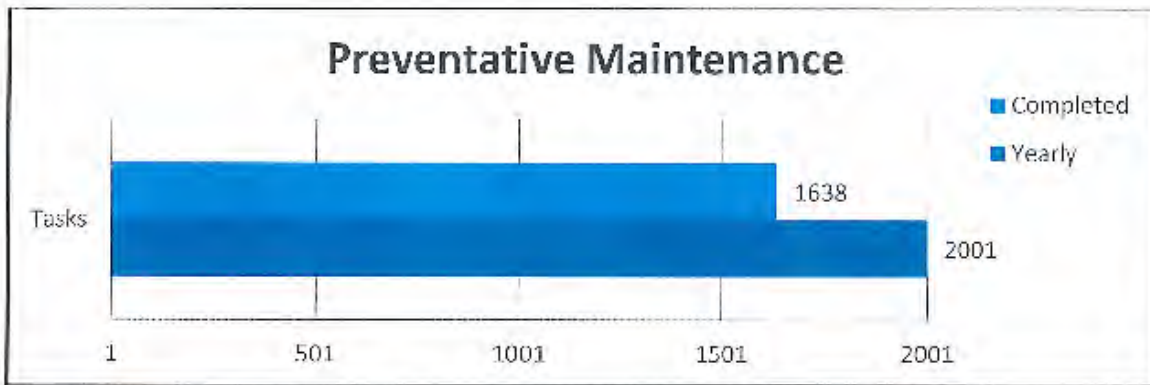
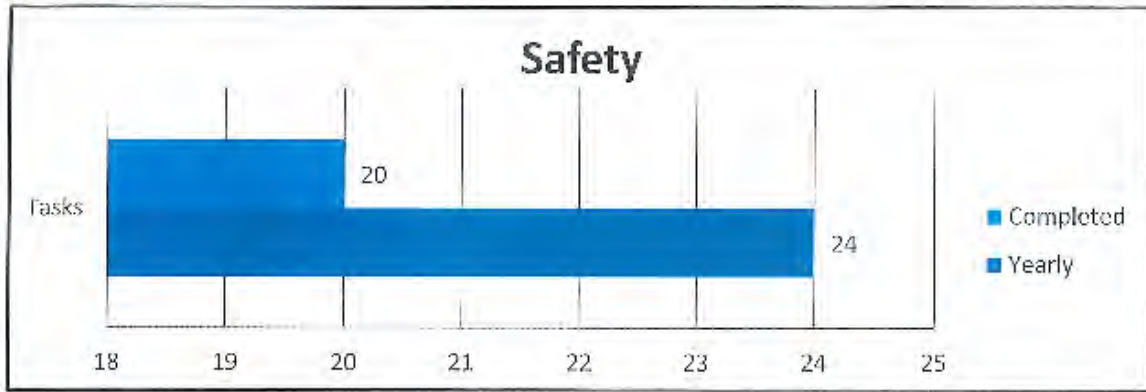
PUMPAGE REPORT	2023	2022	% Change	5 Year %
Monthly Pumpage	278,625,654	248,710,000	+12.0	+18.7
Monthly Average Day	8,987,924	8,022,903	+12.0	+18.7
Monthly Peak Day	(10/19)12,050,000	(10/3) 11,640,000	+3.5	+20.9
Yearly Pumpage	2,724,215,638	2,561,310,000	+6.4	+12.0
Yearly Average Day	8,961,235	8,377,779	+7.0	+12.1
Yearly Peak Day	(5/31)13,860,000	(8/06) 13,400,000	+3.4	+9.7
West Zone Pumpage	107,290,000	105,910,000	+1.3	+1.8
West Zone Yearly Total	1,185,270,000	1,099,840,000	+7.7	+8.2

WATER QUALITY REPORT	Raw Water	Finished Water
Average Free Chlorine		1.58 mg/l
Total Chlorine		1.78 mg/l
Average Alkalinity	109.1 mg/l	110.8 mg/l
Average pH	8.34	8.08
Average Fluoride	0.15 mg/l	0.67 mg/l
Average Turbidity	10.00 NTU	0.05 NTU
High Temperature	High 64.0 F Low 58.2 F	
Hardness	120 mg/l	137 mg/l

Preventative Maintenance Tasks: Staff completed 189 preventative maintenance tasks and 2 safety sessions during the month.

Work Orders: Staff completed 11 work orders during the month. Some of the tasks include replacing the clutch and seal bracket on the lawn mower, replacing a leaking spool piece in the generator cooling system, power washing the low lift walls in preparation for sealing, replacing a sump pump in the chemical feed manhole, and replacing the level sensor in the fluoride bulk storage tank.

Plant: Plant Manager Robe worked on budgetary items for 2024. Franklin High School AP Environmental Science students toured the plant on October 24th. Operator's Tradecheck and Thorgaard provided the tours. Programming and testing of new PLC's continues at the plant. Plant staff has started winterizing equipment for the season.



WATER & SEWER UTILITY – Mike Sullivan

- Additional minor warranty work will continue on the Howell Avenue water main replacement project in November;
- The Forest Hill Avenue water main replacement project from Howell Avenue to a point approximately 600 feet east is complete. Additional restoration work will continue in November;
- The treatment plant PLC replacement project has resumed, but progressing slowly;
- The treatment plant HVAC replacement project design is 95% complete. The plans are ready to be submitted to the PSC for construction authorization. This process is expected to take between 3 and 6 months;
- Five alternatives are being evaluated to address the item surrounding the buried chlorine contact tank. Each will be reviewed and ranked in early November, costs will be developed, and a preferred alternative will be selected in December. The next step is to prepare completed design drawings before submitting to the PSC for construction authorization;
- A significant water main break occurred in late October on West Forest Hill Avenue when a development contractor hit and fractured a 12” water main.

DEPARTMENT OF PUBLIC WORKS – Matt Trebatoski

- In November, we will be recruiting to fill four open positions due to retirements, a resignation, and a Department transfer;
- This month we will continue inspecting plow routes and installing marker poles and applying tar and mastic around manholes as needed to prevent any unnecessary damage to these structures from plow blades;
- We will also continue setting up plow trucks and calibrating the spreaders for accurate salt and liquids treatment;
- November will include the final residential branch and brush pickup for the year;
- Our concrete crew will finish up replacing sidewalk segments where trees have lifted the pavement and created trip hazards and pooling of water;
- We will be hanging flags for Veterans Day, and putting up holiday banners and decorations in DTS and along Howell and Drexel Avenues;
- Forestry crews will be harvesting and decorating the holiday tree, installing winter baskets, pruning trees, stump grinding, and maintaining DTS landscaping;
- Parks crew will continue development of the new sand volleyball court in Willow Heights Park. To date, the area has been cleared of trees, excavated, and drain tile installed;
- Fleet staff will be installing a 1,000-gallon tank in the back of Truck #22 for pretreating roads with salt brine, along with regular preventative maintenance of DPW and Fire Department vehicles and equipment;
- The Street Lights Maintenance Electrician will be removing the ball field light fixtures at Shepard Hills Park in preparation for removal of the poles.

ENGINEERING & INSPECTIONS – Matt Sullivan

- Developer Project Updates:
 - Lakeshore Commons continues with Single Family, Multi-Family, North Townhomes, and Clubhouse construction. Occupancy of the A9 multi-family building (south building) and two more Townhomes were granted. The final stage of construction of the public roadways began in October, including construction of the speed tables along Lake Vista Blvd, with anticipated completion to be in November;
 - The Oaks at 8100 (Multi-Family Development on S. 27th Street) continues to progress with vertical construction on several buildings. Four multifamily buildings remain under construction with occupancies anticipated to start this winter. The final stage of construction of the public roadway will begin in fall 2024 to not damage the pavement while constructing the remaining multifamily buildings;
 - Broadacre development (441 W. Ryan Road) continues to progress with vertical construction. Occupancy of the northern most building was granted in October. The cul-de-sac on Eagle Summit Drive has been completed with the final asphalt placed in October;
 - The Avid Hotel (9293 S. 13th Street) completed utilities and continues vertical construction with all four floors rough framing complete. The roofing system is being installed;
 - Construction on the spec building at 7350 S. 13th Street (Briohn Co.) continues;
 - Heyday Development (Puetz Road) continues to construct utilities and grading of the site. Paving of the public roadway is anticipated to begin in November;
 - The Learning Experience (150 W. Forest Hill) continues grading of the site. Site utilities and footings/foundation began in October.
- Design/Construction Updates:
 - Engineering had begun the process to address odor complaints that originate from PPG. PPG has hired private consultants to further investigate the origination of the odors and implement continued training of procedures/policies for newer employees;
 - Bluff stabilization/revetment continues to progress towards MMSD plant;
 - Demolition of the Peter Cooper Vat House continued in October with the discovery of additional concrete (looks to be additional slabs of concrete) below the visible floor. Crushing of the concrete is now 80% complete with completion anticipated to be mid-November;
 - The 2023 Paving Project is completed with only punch list items remaining with completion of the items in November;
 - The PPII project in Rowen Estates was able to complete the “wet” televising of the laterals. This will allow designers to identify where infiltration is occurring and the appropriate repair to be implemented;
 - Engineering advertised for the construction of the Abendschein Park Entrance and Parking Lot Improvements. Bids are due November 10th;
 - Engineering staff continue to work on numerous design projects (PPII – Rowen Estates, 2024 Paving Project, Fire Station #3 Parking Lot, and Police Station Parking Lot).
- Inspection Updates:

- The Inspection Department demoed E-Plan review software in October and IT will look to implement it in 2024. This software is compatible with the current permit software through BS&A.
- Employment Opportunities:
 - The staffing plan for the Infrastructure, Land Use, and Community-Building portfolio was presented to the Personnel & Finance Committee in October. Staff will begin the reclassification and recruitments that had Committee consensus as follows: reclassification of the Civil Engineer - Storm Water to an entry level Civil Engineer; reclassification of Planner/Zoning Administrator to Planner and moving zoning administration responsibilities to the NPO; and reclassification of our two Engineering Tech positions. It is anticipated that M Squared Engineering Services and raSmith will assist Engineering to perform construction inspections and storm water calculations/design as needed in 2024;
 - The staffing plan includes the addition of “Permit Coordinator/Development Services Technician” roles (titles, TBD). Staff are still collaborating to flesh out the details of this, but this type of role will be a major factor in creating capacity and better work coordination and customer service among the entire service portfolio. Staff will bring a formal plan for these roles back to Committee in November.