

**MEETING: REGULAR MEETING OF THE UTILITY ADVISORY
COMMITTEE**

DATE & TIME: Tuesday, January 30, 2024 at 5:00 PM

**LOCATION: Germantown Village Hall Board Room
N112 W17001 Mequon Road**

NOTICE: Citizens not wishing to attend the meeting personally or virtually may submit any public comments by sending an email to comments@germantownwi.gov by 4 p.m. on the day of the meeting so that it can be provided to the members of the body for their consideration.

AGENDA

- I. **CALL TO ORDER:** *This meeting has been given public notice in accordance with Section 19.83 and 19.84, Wis. Stats, in such form that will apprise the general public and news media of subject matter that is intended for consideration and action.*
- II. **ROLL CALL:**
- III. **APPROVAL OF MINUTES:**
 - A. August 16, 2023
- IV. **NEW BUSINESS:**
 - A. Report from Ehlers on the Sewer Utility Rate Study
 - B. Update on Richfield Sewer and Water Project
- V. **ADJOURNMENT:**

UPON REASONABLE NOTICE, efforts will be made to accommodate the needs of disabled individuals through appropriate aids and services. For additional information or to request this service, please contact the Village Clerk at (262)250-4745 at least 2 days prior to the meeting.

VILLAGE OF GERMANTOWN
N112 W17001 MEQUON ROAD
GERMANTOWN, WI 53022

MEETING: MINUTES FOR THE UTILITY ADVISORY COMMITTEE

DATE AND TIME: WEDNESDAY, AUGUST 16, 2023 5:00 P.M.

**LOCATION: Germantown Village Hall Board Room
N112 W17001 Mequon Road**

- i. Call to Order: 5:02 PM – Village Board Room
- ii. Roll Call: Dennis Myers, Scott Hefle, Steve Wesolowski, Dan Campbell, Bob Warren – no one absent.
 - a. Others in attendance: Administrator Kreklow, Finance Director Uselding, and John Cameron and Arianna Schmidt from Ehlers
- iii. Public Comment: None
- iv. Approval of Minutes: June 28th Meeting
 - a. Motion Approve: Warren
 - b. Second: Campbell
 - c. Ayes: Unanimous
 - d. Nays:
 - e. Abstain:
- v. New Business
 - a. Water Utility Cash Flow Analysis

Jon Cameron made a presentation on the results of Ehlers Long Range Cash Flow Analysis for the Water Utility.

Members of the Committee directed questions about the analysis to Mr. Cameron and to Administrator Kreklow.
 - b. Schedule for Sewer Utility Rate Analysis

Administrator Kreklow presented schedule for Sewer Utility Rate Analysis. The Committee directed questions on the schedule to Mr. Cameron and Administrator Kreklow.

c. Schedule for Future Meetings

Committee discussed meeting schedule and set next meeting for October 24, 2023.

Next Meeting: 5:00PM October 24th 2023

Meeting Adjourned at 6:

BUSINESS OF THE UTILITY ADVISORY COMMITTEE

MEETING DATE: January 30, 2024

PLACEMENT: Presentation

ITEM TITLE: Report from Ehlers on the Sewer Utility Rate Study

SUBMITTED BY:

SUMMARY EXPLANATION:

ATTACHMENT:

1. Ehlers Sewer Rate Presentation 240129

RECOMMENDATION:

ACTION BY Committee:



Village of Germantown, WI 2024 Sewer Rate Study Presentation

January 30, 2024 Utility Advisory Committee

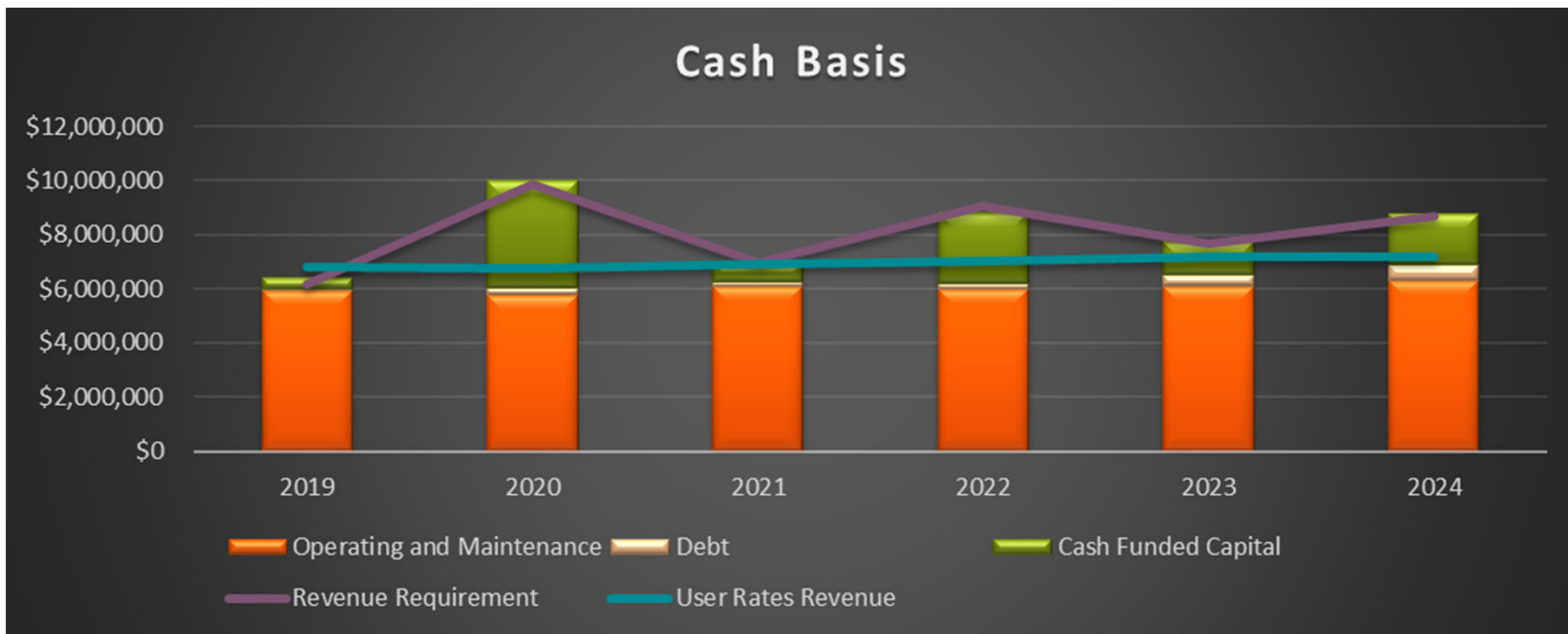
Why are we here?

- RFP for Sewer Rate Study – 5-year projection of user rates
- Sewer Utility contemplating future capital investment
- Ehlers to identify fiscal sustainability
- 3 General Scenarios Requested:
 - ✓ Rate decrease over a 5-year period (2024-2028)
 - ✓ No change to user rates over a 5-year (2024-2028)
 - ✓ Rate increase scenario – recommendations as warranted

Process

- Historical Rate Performance
- Historical Benchmarking Analysis
 - ✓ Reserve levels relative to recommended levels
- Future Projections
 - ✓ O&M, Depreciation
 - ✓ Funding Project(s): Debt vs. Cash
- Rate Impacts by Scenario

Sewer: Historical Rate Performance

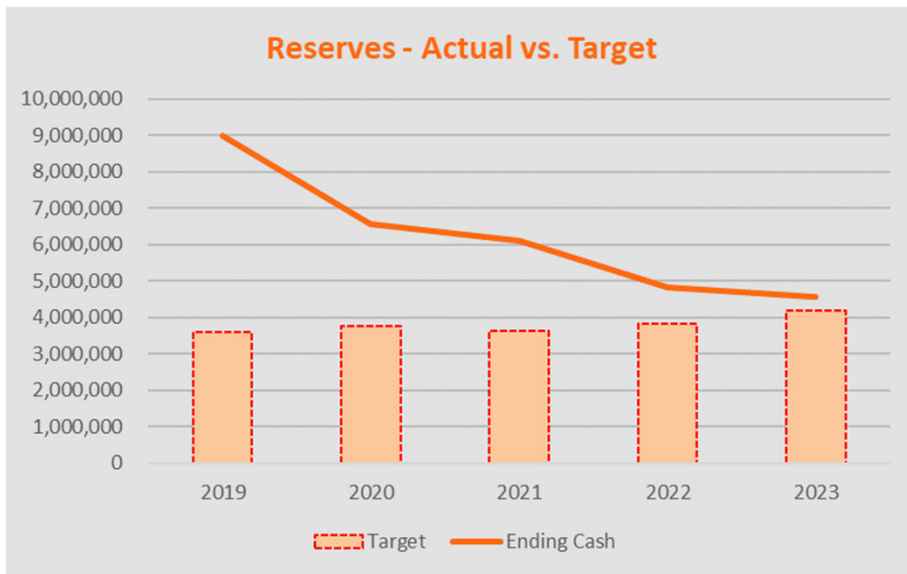


Sewer: Historical Rate Performance

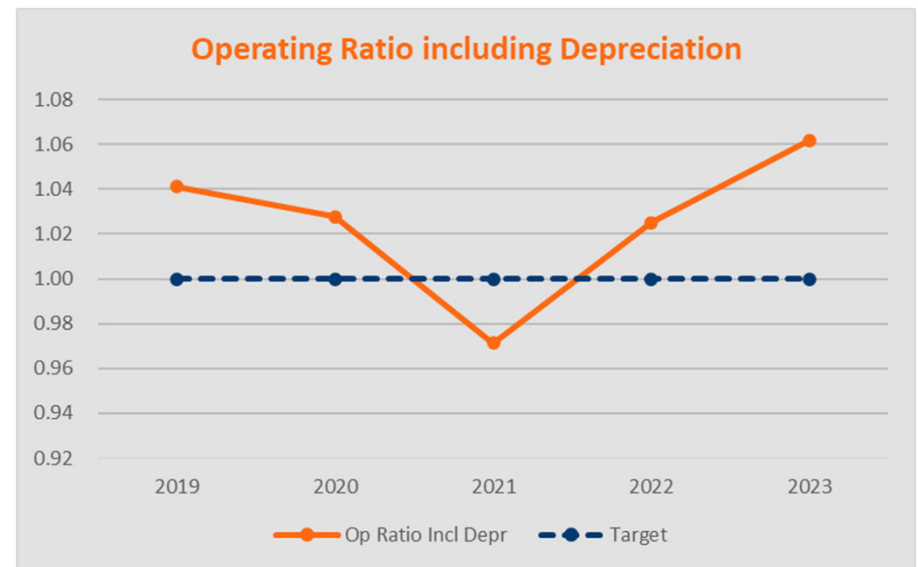
	Actual				Estimated
	2019	2020	2021	2022	2023
Revenues					
Total Revenues from User Rates	\$6,828,216	\$6,787,222	\$6,931,180	\$7,037,371	\$7,175,777
Total Other Revenues	\$240,915	\$138,698	\$33,729	(\$221,831)	\$105,500
Total Revenues	\$7,069,131	\$6,925,920	\$6,964,909	\$6,815,540	\$7,281,277
Less: Expenses					
Operating and Maintenance	\$5,923,429	\$5,788,736	\$6,088,401	\$5,983,422	\$6,111,382
Net Before Debt Service and Capital Expenditures	\$1,145,702	\$1,137,184	\$876,508	\$832,118	\$1,169,895
Existing Debt P&I	\$54,617	\$271,314	\$190,192	\$202,869	\$417,287
Transfer In (Out)/Misc.	\$231,231	\$235,184	\$284,370	\$122,498	\$230,000
Less: Capital Improvements	\$3,529,009	\$3,941,377	\$749,221	\$7,745,951	\$1,235,000
Debt Issued/Grants/Aid	\$3,108,110	\$0	\$0	\$5,061,617	\$0
Reconcile to Audit	\$272,727	\$411,166	(\$675,329)	\$642,193	\$0
Net Annual Cash Flow	\$1,174,144	(\$2,429,157)	(\$453,864)	(\$1,290,394)	(\$252,392)
Restricted and Unrestricted Cash Balance:					
Balance at first of year	\$7,820,872	\$8,995,016	\$6,565,859	\$6,111,995	\$4,821,601
Net Annual Cash Flow Addition/(subtraction)	\$1,174,144	(\$2,429,157)	(\$453,864)	(\$1,290,394)	(\$252,392)
Balance at end of year	\$8,995,016	\$6,565,859	\$6,111,995	\$4,821,601	\$4,569,209



Sewer: Historical Financial Indicators



- Reserves to fund capital



Future Capital

Projects	2024	2025	2026	2027	2028	Totals
Transportation Equipment	395,000					395,000
Interceptor Main & Accessories	270,000					270,000
Electric Pumping Equipment Lift 7 pump replacement	25,000					25,000
Collecting System	80,000					80,000
Field Mobile Work Stations	3,500					3,500
Relining & Manhole Maint sewer lines		70,000	70,000	70,000		210,000
CIPP waterway crossings		200,000	200,000			400,000
Lift Stations	1,100,000					1,100,000
Truck (552) 2005 Jet Vac Replacement		35,000	35,000	35,000		105,000
Pump Upgrade w/ Controls- Lift 3		110,000				110,000
Old Farm Lift Paralell Force Main-24"			2,100,000			2,100,000
Truck (555) 2009 GMC 2500 4X4 liftgate Replacement		65,000				65,000
Telemetry Equipment	15,000	25,000				40,000
Paralell Force Main from Main Street Lift				1,200,000		1,200,000
Auto Bar Screen-Main Street Lift		180,000				180,000
Actual CIP Costs	1,888,500	685,000	2,405,000	1,305,000	0	6,283,500

- Reserve balances have steadily declined due to capital spending. Are at a level that doesn't allow for continued use
- Will need to consider:
 - Debt financing, OR
 - Significant user rate increases to continue cash funding projects



Sewer Cash Flow: No Rate Increase & Cash Fund CIP

	Budget	Projected								
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Revenues										
Total Revenues from User Rates ¹	\$7,175,777	\$7,175,777	\$7,175,777	\$7,175,777	\$7,175,777	\$7,175,777	\$7,175,777	\$7,175,777	\$7,175,777	\$7,175,777
Percent Increase to User Rates	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total Other Revenues	\$96,834	\$97,240	\$97,648	\$98,059	\$98,473	\$98,890	\$99,309	\$99,731	\$100,156	\$100,584
Total Revenues	\$7,272,611	\$7,273,017	\$7,273,425	\$7,273,836	\$7,274,250	\$7,274,667	\$7,275,086	\$7,275,508	\$7,275,933	\$7,276,361
Less: Expenses										
Operating and Maintenance	\$6,305,754	\$6,431,869	\$6,560,506	\$6,691,716	\$6,825,551	\$6,962,062	\$7,101,303	\$7,243,329	\$7,388,196	\$7,535,960
Net Before Debt Service and Capital Expenditures	\$966,857	\$841,148	\$712,919	\$582,120	\$448,700	\$312,605	\$173,783	\$32,179	(\$112,262)	(\$259,599)
Debt Service										
Total Debt Service	\$575,181	\$531,656	\$533,556	\$529,881	\$531,331	\$532,806	\$534,194	\$535,513	\$531,178	\$531,188
Transfer In (Out)	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000
Less: Capital Improvements	\$1,888,500	\$685,000	\$2,405,000	\$1,305,000	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000
Debt Issued/Grants/Aid	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Net Annual Cash Flow	(\$1,266,824)	(\$145,508)	(\$1,995,637)	(\$1,022,761)	(\$602,632)	(\$740,201)	(\$880,411)	(\$1,023,333)	(\$1,163,441)	(\$1,310,786)
Restricted and Unrestricted Cash Balance:										
Balance at first of year	\$4,569,209	\$3,302,385	\$3,156,876	\$1,161,239	\$138,478	(\$464,154)	(\$1,204,355)	(\$2,084,766)	(\$3,108,099)	(\$4,271,539)
Net Annual Cash Flow Addition/(subtraction)	(\$1,266,824)	(\$145,508)	(\$1,995,637)	(\$1,022,761)	(\$602,632)	(\$740,201)	(\$880,411)	(\$1,023,333)	(\$1,163,441)	(\$1,310,786)
Balance at end of year	\$3,302,385	\$3,156,876	\$1,161,239	\$138,478	(\$464,154)	(\$1,204,355)	(\$2,084,766)	(\$3,108,099)	(\$4,271,539)	(\$5,582,326)
Over/Under Targeted Minimum Balance Req.	(\$922,815)	(\$1,157,900)	(\$3,253,304)	(\$4,365,222)	(\$5,051,506)	(\$5,876,637)	(\$6,843,301)	(\$7,948,655)	(\$9,199,909)	(\$10,604,139)
Over/Under Targeted Moody's Minimum Balance Req	18	7	(107)	(164)	(196)	(234)	(278)	(327)	(381)	(440)



1. Targeted minimum balance equates to 6 months operating expense and next year's principal and interest payments.
2. Moody's fund balance is expressed in day's cash on hand with a target equal to 150 days of cash on hand.

Sewer: 5-Year Rate Decrease

	Budget 2024	2025	2026	2027	2028	Projected				
						2029	2030	2031	2032	2033
Revenues										
Total Revenues from User Rates ¹	\$6,960,504	\$6,751,689	\$6,549,138	\$6,352,664	\$6,162,084	\$6,162,084	\$6,162,084	\$6,162,084	\$6,162,084	\$6,162,084
Percent Increase to User Rates	-3.00%	-3.00%	-3.00%	-3.00%	-3.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cumulative Percent Rate Increase	-3.00%	-5.91%	-8.73%	-11.47%	-14.13%	-14.13%	-14.13%	-14.13%	-14.13%	-14.13%
Dollar Amount Increase to Revenues	-\$215,273	-\$208,815	-\$202,551	-\$196,474	-\$190,580	\$0	\$0	\$0	\$0	\$0
Total Other Revenues	\$96,834	\$97,240	\$97,648	\$98,059	\$98,473	\$98,890	\$99,309	\$99,731	\$100,156	\$100,584
Total Revenues	\$7,057,338	\$6,848,928	\$6,646,786	\$6,450,723	\$6,260,557	\$6,260,974	\$6,261,393	\$6,261,815	\$6,262,240	\$6,262,668
Less: Expenses										
Operating and Maintenance	\$6,305,754	\$6,431,869	\$6,560,506	\$6,691,716	\$6,825,551	\$6,962,062	\$7,101,303	\$7,243,329	\$7,388,196	\$7,535,960
Net Before Debt Service and Capital Expenditures	\$751,584	\$417,059	\$86,280	(\$240,993)	(\$564,994)	(\$701,088)	(\$839,910)	(\$981,514)	(\$1,125,956)	(\$1,273,292)
Total Debt Service	\$575,181	\$531,656	\$533,556	\$529,881	\$531,331	\$532,806	\$534,194	\$535,513	\$531,178	\$531,188
Transfer In (Out)	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000
Less: Capital Improvements	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt Issued/Grants/Aid	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Net Annual Cash Flow	\$406,403	\$115,403	(\$217,276)	(\$540,874)	(\$866,325)	(\$1,003,894)	(\$1,144,104)	(\$1,287,026)	(\$1,427,134)	(\$1,574,479)
Restricted and Unrestricted Cash Balance:										
Balance at first of year	\$4,569,209	\$4,975,611	\$5,091,014	\$4,873,738	\$4,332,864	\$3,466,539	\$2,462,645	\$1,318,541	\$31,515	(\$1,395,619)
Net Annual Cash Flow Addition/(subtraction)	\$406,403	\$115,403	(\$217,276)	(\$540,874)	(\$866,325)	(\$1,003,894)	(\$1,144,104)	(\$1,287,026)	(\$1,427,134)	(\$1,574,479)
Balance at end of year	\$4,975,611	\$5,091,014	\$4,873,738	\$4,332,864	\$3,466,539	\$2,462,645	\$1,318,541	\$31,515	(\$1,395,619)	(\$2,970,098)
Over/Under Minimum Balance Req.	\$778,021	\$827,205	\$547,999	(\$61,243)	(\$997,298)	(\$2,072,201)	(\$3,288,636)	(\$4,643,761)	(\$6,144,786)	(\$7,798,788)
Over/Under Targeted Moody's Min. Bal. Req.	115	116	99	65	14	(42)	(103)	(168)	(239)	(313)



1. Targeted minimum balance equates to 6 months operating expense and next year's principal and interest payments.
2. Moody's fund balance is expressed in day's cash on hand with a target equal to 150 days of cash on hand.

Sewer: CIP Borrowing Option

	Budget 2024	2025	2026	2027	2028	Projected 2029	2030	2031	2032	2033
Revenues										
Total Revenues from User Rates ¹	\$7,175,777	\$7,426,929	\$7,426,929	\$7,686,872	\$7,917,478	\$8,155,002	\$8,399,652	\$8,651,642	\$8,911,191	\$8,911,191
Percent Increase to User Rates	0.00%	3.50%	0.00%	3.50%	3.00%	3.00%	3.00%	3.00%	3.00%	0.00%
Cumulative Percent Rate Increase	0.00%	3.50%	3.50%	7.12%	10.34%	13.65%	17.06%	20.57%	24.18%	24.18%
Dollar Amount Increase to Revenues		\$251,152	\$0	\$259,943	\$230,606	\$237,524	\$244,650	\$251,990	\$259,549	\$0
Total Other Revenues	\$96,834	\$97,240	\$97,648	\$98,059	\$98,473	\$98,890	\$99,309	\$99,731	\$100,156	\$100,584
Total Revenues	\$7,272,611	\$7,524,169	\$7,524,578	\$7,784,931	\$8,015,951	\$8,253,892	\$8,498,962	\$8,751,373	\$9,011,347	\$9,011,775
Less: Expenses										
Operating and Maintenance	\$6,305,754	\$6,431,869	\$6,560,506	\$6,691,716	\$6,825,551	\$6,962,062	\$7,101,303	\$7,243,329	\$7,388,196	\$7,535,960
Net Before Debt Service and Capital Expenditures	\$966,857	\$1,092,300	\$964,071	\$1,093,215	\$1,190,400	\$1,291,830	\$1,397,658	\$1,508,044	\$1,623,152	\$1,475,815
Debt Service										
Existing Debt P&I	\$575,181	\$531,656	\$533,556	\$529,881	\$531,331	\$532,806	\$534,194	\$535,513	\$531,178	\$531,188
New (2024-2033) Debt Service P&I	\$0	\$152,713	\$150,838	\$346,788	\$450,450	\$450,975	\$451,300	\$446,288	\$450,825	\$449,800
Total Debt Service	\$575,181	\$684,369	\$684,394	\$876,669	\$981,781	\$983,781	\$985,494	\$981,800	\$982,003	\$980,988
Transfer In (Out)	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000
Less: Capital Improvements	\$1,888,500	\$685,000	\$2,405,000	\$1,305,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
Debt Issued/Grants/Aid	\$1,975,000	\$0	\$2,500,000	\$1,380,000	\$0	\$0	\$0	\$0	\$0	\$0
Net Annual Cash Flow	\$708,176	(\$47,069)	\$604,677	\$521,546	(\$61,381)	\$38,049	\$142,165	\$256,244	\$371,149	\$224,828
Restricted and Unrestricted Cash Balance:										
Balance at first of year	\$4,569,209	\$5,277,385	\$5,230,316	\$5,834,993	\$6,356,539	\$6,295,158	\$6,333,208	\$6,475,372	\$6,731,616	\$7,102,765
Net Annual Cash Flow Addition/(subtraction)	\$708,176	(\$47,069)	\$604,677	\$521,546	(\$61,381)	\$38,049	\$142,165	\$256,244	\$371,149	\$224,828
Balance at end of year	\$5,277,385	\$5,230,316	\$5,834,993	\$6,356,539	\$6,295,158	\$6,333,208	\$6,475,372	\$6,731,616	\$7,102,765	\$7,327,593
Over/Under Minimum Balance Req.	\$899,473	\$764,703	\$1,073,663	\$1,403,936	\$1,263,019	\$1,220,454	\$1,286,018	\$1,460,344	\$1,749,345	\$1,886,845
Over/Under Targeted Moody's Min. Bal. Req.	132	124	153	175	165	161	162	169	181	186



1. Targeted minimum balance equates to 6 months operating expense and next year's principal and interest payments.
2. Moody's fund balance is expressed in day's cash on hand with a target equal to 150 days of cash on hand.

Sewer: Cash Fund CIP Option

	Budget 2024	2025	2026	2027	2028	Projected				
						2029	2030	2031	2032	2033
Revenues										
Total Revenues from User Rates ¹	\$8,467,417	\$8,467,417	\$8,721,439	\$8,721,439	\$8,721,439	\$8,721,439	\$8,721,439	\$8,721,439	\$8,721,439	\$8,721,439
Percent Increase to User Rates	18.00%	0.00%	3.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cumulative Percent Rate Increase	18.00%	18.00%	21.54%	21.54%	21.54%	21.54%	21.54%	21.54%	21.54%	21.54%
Dollar Amount Increase to Revenues	\$1,291,640	\$0	\$254,023	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Other Revenues	\$96,834	\$97,240	\$97,648	\$98,059	\$98,473	\$98,890	\$99,309	\$99,731	\$100,156	\$100,584
Total Revenues	\$8,564,251	\$8,564,657	\$8,819,088	\$8,819,499	\$8,819,913	\$8,820,329	\$8,820,749	\$8,821,171	\$8,821,596	\$8,822,023
Less: Expenses										
Operating and Maintenance	\$6,305,754	\$6,431,869	\$6,560,506	\$6,691,716	\$6,825,551	\$6,962,062	\$7,101,303	\$7,243,329	\$7,388,196	\$7,535,960
Net Before Debt Service and Capital Expenditures	\$2,258,497	\$2,132,788	\$2,258,581	\$2,127,782	\$1,994,362	\$1,858,267	\$1,719,446	\$1,577,842	\$1,433,400	\$1,286,064
Total Debt Service	\$575,181	\$531,656	\$533,556	\$529,881	\$531,331	\$532,806	\$534,194	\$535,513	\$531,178	\$531,188
Transfer In (Out)	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000
Less: Capital Improvements	\$1,888,500	\$685,000	\$2,405,000	\$1,305,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
Debt Issued/Grants/Aid	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Net Annual Cash Flow	\$24,816	\$1,146,131	(\$449,975)	\$522,901	\$1,193,031	\$1,055,461	\$915,252	\$772,329	\$632,222	\$484,876
Restricted and Unrestricted Cash Balance:										
Balance at first of year	\$4,569,209	\$4,594,024	\$5,740,156	\$5,290,181	\$5,813,082	\$7,006,113	\$8,061,574	\$8,976,826	\$9,749,155	\$10,381,377
Net Annual Cash Flow Addition/(subtraction)	\$24,816	\$1,146,131	(\$449,975)	\$522,901	\$1,193,031	\$1,055,461	\$915,252	\$772,329	\$632,222	\$484,876
Balance at end of year	\$4,594,024	\$5,740,156	\$5,290,181	\$5,813,082	\$7,006,113	\$8,061,574	\$8,976,826	\$9,749,155	\$10,381,377	\$10,866,253
Over/Under Minimum Balance Req.	\$368,825	\$1,425,380	\$875,639	\$1,310,929	\$2,424,948	\$3,400,120	\$4,233,759	\$4,928,708	\$5,477,757	\$5,873,830
Over/Under Targeted Moody's Min Bal. Req.	93	153	122	145	203	252	291	321	343	357



1. Targeted minimum balance equates to 6 months operating expense and next year's principal and interest payments.
2. Moody's fund balance is expressed in day's cash on hand with a target equal to 150 days of cash on hand.

Impact of Scenarios on Avg. Res. Bill

Sewer Bill Comparison										
	2024		2025		2026		2027		2028	
	Volume Charge	User Charge	Volume Charge	User Charge	Volume Charge	User Charge	Volume Charge	User Charge	Volume Charge	User Charge
No Rate Increase & Cash Fund CIP	\$6.91	\$40.01	\$6.91	\$40.01	\$6.91	\$40.01	\$6.91	\$40.01	\$6.91	\$40.01
5-Year Rate Decrease	\$6.71	\$38.81	\$6.50	\$37.65	\$6.31	\$36.52	\$6.12	\$35.52	\$5.94	\$34.36
CIP Borrowing Option	\$8.16	\$47.21	\$8.16	\$47.21	\$8.40	\$48.63	\$8.40	\$48.63	\$8.40	\$48.63
Cash Fund CIP Option	\$7.15	\$40.01	\$7.15	\$41.41	\$7.41	\$41.41	\$7.63	\$42.86	\$7.86	\$44.15

Sewer Bill - Residential Quarterly Bill					
	2024	2025	2026	2027	2028
No Rate Increase & Cash Fund CIP	\$107.41	\$107.41	\$107.41	\$107.41	\$107.41
5-Year Rate Decrease	\$104.19	\$101.06	\$98.03	\$95.09	\$92.24
CIP Borrowing Option	\$107.41	\$111.17	\$111.17	\$115.06	\$118.51
Cash Fund CIP Option	\$126.75	\$126.75	\$130.55	\$130.55	\$130.55

Note: Average Residential use is assumed to be 9,750 gallons



Recommendations

- Consider capital funding strategy
 - ✓ Debt financing vs. cash financing 2024-2028 CIP projects
- Consider reasonable amount of cash funded capital to absorb in the utility rate structure long term

Questions?



BUSINESS OF THE UTILITY ADVISORY COMMITTEE

MEETING DATE: January 30, 2024

PLACEMENT: Presentation

ITEM TITLE: Update on Richfield Sewer and Water Project

SUBMITTED BY:

SUMMARY EXPLANATION:

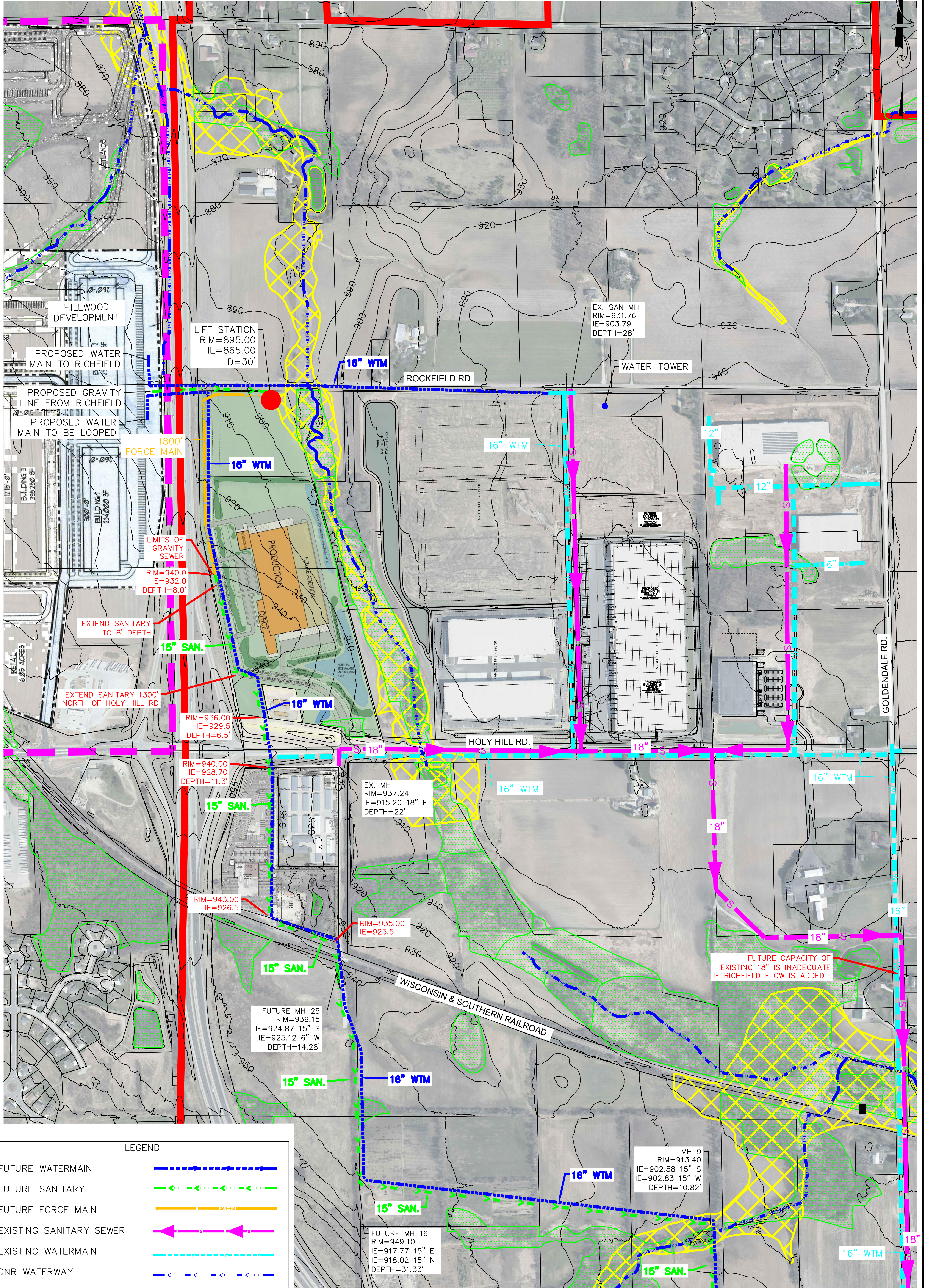
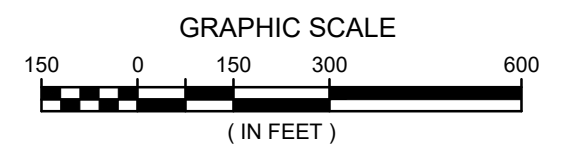
ATTACHMENT:

1. Service Area Mapping Exhibit_12-13-23

RECOMMENDATION:

ACTION BY Committee:

EXTEND SANITARY AND WATER MAIN TO NORTH WITH NEW LIFT STATION SOUTH OF ROCKFIELD RD VILLAGE OF GERMANTOWN



LEGEND	
FUTURE WATERMAIN	
FUTURE SANITARY	
FUTURE FORCE MAIN	
EXISTING SANITARY SEWER	
EXISTING WATERMAIN	
DNR WATERWAY	
DNR WETLAND	
FEMA 100 YR FLOODPLAIN	
GERMANTOWN SERVICE AREA	
RICHFIELD SERVICE AREA	

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