



Lake Geneva Utility Commission

MUNICIPAL WATER AND WASTEWATER SERVICES

361 W Main Street
P.O. Box 187
Lake Geneva, WI 53147
262-248-2311
www.lgutilitycommission.com

Dennis Lyon – President
Josh Gajewski – Utility Director
Jeff Ecklund – Water Superintendent
Ken Bauman – Wastewater Superintendent

LAKE GENEVA UTILITY COMMISSION MONDAY FEBRUARY 19, 2024 4:00 PM COUNCIL CHAMBERS - CITY HALL, 626 GENEVA STREET

CITY HALL WILL BE OPEN TO THE PUBLIC DURING ALL MEETINGS. MEETINGS WILL BE HELD VIRTUALLY AS WELL AS IN PERSON. IF YOU WISH TO LISTEN OR WATCH THE MEETING YOU MAY DO SO BY USING THE FOLLOWING:

1. Links to the Lake Geneva Utility Commission's live video stream can be found at <https://cityoflakegeneva.gov/319/City-Meetings-Video-Stream>
2. Television: Watch live broadcast of the meeting on Spectrum Cable Channel 25
3. Listen to audio via phone: (602) 333-2017 (Long distance rates may apply) (888) 204-5987 (Toll Free) **Access Code: 9746153**

AGENDA

1. Call Meeting to Order
2. Roll Call
3. Comments from the public as allowed by Wis. Statutes §19.84 (2), limited to items on this agenda except for public hearing items. Comments will be limited to 5 minutes.
4. Approve Utility Commission Minutes from January 15, 2024 as prepared and distributed
5. Acknowledgement of Correspondence
6. Approval of January 2024 Financials
7. Approval of January 2024 Bills
8. Directors Report
9. Update on Big Foot Lift Station force main replacement and relocation project and DNR Notice of Noncompliance
10. Discussion/Action on a request for water service by Grand Geneva Resort & Spa for an employee dormitory
11. Discussion/Action on the proposed scope of utility improvements along the WisDOT STH 50 project corridor
12. Discussion/Action on Resolution 2024-01 Amending the Utility Schedule of Rates for Suburban Sewer
13. Discussion/Action on acceptance of water and sanitary sewer improvements – Stone Ridge Phase 3
14. Discussion/Action on a proposal from M.E. Simpson to perform a distribution leak survey
15. Adjourn

Lake Geneva Utility Commission Minutes
Lake Geneva Utility Commission Meeting
Monday January 15, 2024 4:00pm
Council Chambers, City Hall – 626 Geneva St

THIS MEETING WAS HELD IN PERSON & VIRTUALLY

Call Meeting to Order – Lyon called the meeting to order at 4:00pm

Roll Call – Lyon, Howell, Frame, Nord, Binn & Stanczak. Klein joined via zoom at 4:13pm.

Staff in Attendance – Gajewski & Busch

Comments from the public as allowed by Wis. Statutes §19.84(2), limited to items on this agenda except for public hearing items. Comments will be limited to 5 minutes.

Attorney Chad Pollard stated he and Skip Harless from Grand Geneva, were in attendance to answer any questions with regard to agenda item #12 Grand Geneva. Attorney Pollard said he could also answer any questions regarding agenda item #13 Pioneer.

Approve Utility Commission Minutes from December 18, 2023, as prepared and distributed.
Frame/Binn motion to approve. Passed 6-0.

Acknowledgement of Correspondence
None.

Approval of December 2023 Financials
Howell/Frame motion to approve. Passed 6-0.

Approval of December 2023 Bills
Howell/Frame motion to approve. Passed 6-0.

Director's Report
Gajewski reviewed the submitted Director's report and described the 24" boulder that is believed to be the cause of the main break on Wells St.
Binn/Frame motion to approve the Directors Report. Passed 6-0.

Discussion/Action on a proposal for design engineering for the Big Foot Lift Station force main replacement and relocation
Gajewski reported that preliminary work has been done to determine the best way to route a new lift station force main and we are ready to move this project into the design phase with MSA Engineering. The quote is in the packet and the estimated cost is \$62,750. We are experiencing continual problems in this area and Gajewski recommends moving forward with MSA. The hope is that there is time to receive bids and let the project this year.
Howell/Frame motion to accept staff recommendation. Passed 6-0.

Discussion/Action on utility improvements along the WisDOT STH 50 project corridor
Gajewski gave the Commission an update on the discussions regarding this project and an updated map showing service areas. Joe DeYoung from MSA gave a report on what is being evaluated and the potential utility improvements along the project corridor. As discussed at the last meeting, deep sewer is no longer a viable option due to the cost. He explained that there are some challenges when working in conjunction with the DOT but overall, the benefits are there, and he feels that they should

have all the options available to present to the Commission at next month's meeting. No action taken.

Mayor Klein joined the meeting via zoom at 4:13pm.

Discussion/Action on a proposal for a replacement scum pump at the WWTP

This item was budgeted for replacement in 2024 and Gajewski would like to proceed with a direct replacement. The pump has been rebuilt twice already and parts to repair it have been quoted at approximately \$3,300. The shaft is worn, and the seals are leaking. A direct replacement does not require DNR review and would cost \$11,221.20.

Howell/Frame motion to approve the replacement. Passed unanimously.

Discussion/Action on a request for water service by Grand Geneva Resort & Spa for an employee dormitory

Gajewski reported that this project is located in the Town of Lyons and consists of building a new employee dormitory building. Staff were notified during discussions regarding private fire protection and a representative for Grand Geneva has been at a staff planning meeting. To date, staff and engineering have been reviewing system capacity to determine if we are able to provide new service. The determination so far is that increasing domestic demand with the addition of this new building is possible. It is worth noting that the water main is over a mile long with few services and a top 5 water user at the end meaning any main breaks or deterioration would cause significant disruption to the end user. Still to be addressed is whether there is system capacity to supply private and/or public fire protection. Discussion followed regarding costs and who is responsible for paying them. Atty Pollard was invited to speak and advised that they do have the option to install a private well but would prefer to connect to city water. They have been working with Walworth County staff to create an ordinance that allows them to build employee housing and this project has been in the works for over a year. Gajewski explained how they reviewed system capacity capabilities and why we need to continue checking that private fire and public fire demands are able to be met.

Discussion was had regarding resources and the amount of development in the city.

Howell/Frame motion to continue this item to the next Commission meeting. Passed unanimously.

Discussion/Action on the Pioneer Estates Water and Sanitary sewer agreements and related Utility metering and billing

Gajewski explained that the agreements between the Commission and Pioneer Estates need to be revised to align with historic practices and regulatory codes as well as our current Public Service Commission rate tariff. He detailed how the current agreements go against those and explained why an easement is required. He said as these agreements have been extensively discussed due to the recent service extension, he would like to continue the momentum to make the revisions and bring the agreements up to date. Unfortunately, discussions with Pioneer have stalled and so staff are looking for direction from the Commission at this time. Attorney Pollard requested to speak and stated that he does have a response drafted and will be submitting it by the end of the week although he said it does not mean that there will be a resolution by the end of the week. The Commission agreed that ideally staff and Pioneer will come up with an agreement that works for both of them and present it to the Commission for approval.

Howell/Frame motion to continue this item to the next meeting. Passed unanimously.

Lyon/Stanczak motion to go into closed session pursuant to Wis. Stat. 19.85(1)(e) Deliberating or negotiating the purchasing of public properties, the investing of public funds, or conducting other specified public business, whenever competitive or bargaining reasons require a closed session, specifically regarding the purchase and/or sale of real estate and to include staff, Alderperson Yaeger & John Law.

The Commission convened into closed session on a roll call vote at 4:41pm.

Howell/Frame motion to return to open session pursuant to Wis. Stat. 19.85(2) and take action on any items discussed in closed session.

The Commission returned to open session on a roll call vote at 5:27pm.

Howell/Frame motion to direct staff to proceed as discussed in closed session. Passed unanimously.

Adjourn

Howell/Frame motion to adjourn at 5:28pm. Passed unanimously.

**THESE MINUTES ARE NOT OFFICIAL UNTIL APPROVED BY
THE LAKE GENEVA UTILITY COMMISSION**

LAKE GENEVA UTILITY COMMISSION

BUDGET COMPARISON THRU:

1 / 2024

FUND 61 - WASTEWATER UTILITY

					YTD % of Budget 8%	Prior YTD 2023	Prior YTD 5 Year Avg.
REVENUES	Current Period	YTD	2024 Budget	YTD vs Budget			
INTEREST EARNED	32,504	32,504	229,600	-197,096	14.16%	19,397	5,080
CUSTOMER SALES	13,942	13,942	2,166,137	-2,152,195	0.64%	24,977	22,366
OTHER REVENUE	1,649	1,649	11,760	-10,111	14.03%	1,446	1,323
CAPITAL CONTRIBUTIONS	4,103	4,103	59,680	-55,577	6.88%	0	5,893
TOTAL REVENUES	52,198	52,198	2,467,177	-2,414,979	2.12%	45,820	34,662
EXPENSES							
TOTAL OUTSIDE SERVICES	11,102	11,102	430,343	-419,241	2.58%	14,212	14,436
TOTAL OPERATING EXPENSES	2,193	2,193	53,090	-50,897	4.13%	2,706	2,075
TOTAL INSURANCE	0	0	35,975	-35,975	0.00%	0	0
TOTAL SALARY & BENEFITS	54,543	54,543	653,911	-599,368	8.34%	67,114	47,391
TOTAL LAB SUPPLIES	10,528	10,528	22,800	-12,272	46.18%	9,671	6,183
TOTAL MISCELLANEOUS EXPENSE	0	0	1,000	-1,000	0.00%	0	1
TOTAL MAINTENANCE	607	607	366,700	-366,093	0.17%	2,161	2,159
TOTAL OPERATION & MAINTENANCE EXPENSES	78,973	78,973	1,563,819	-1,484,846	5.05%	95,864	72,244
REVENUES OVER O&M EXPENSES	-26,774	-26,774	903,358	-930,132		-50,044	-37,582
TOTAL CAPITAL OUTLAY	0	0	1,226,075	-1,226,075	0.00%	0	22,362
REVENUES OVER TOTAL EXPENSES	-26,774	-26,774	-322,717	295,943		-50,044	-59,944
TOTAL CASH TRANSFERS	41,939	41,939	328,120	-286,181	12.78%	16,618	57,517
NET CHANGE IN CASH BALANCE	-68,713	-68,713	-650,837	582,124		-66,662	-117,461

FUND CASH AND INVESTMENT SUMMARY	<u>Opening Balance</u>	<u>Period Activity</u>	<u>Ending Balance</u>
Wastewater Utility Fund Cash	76,648	273,818	350,466
LGIP #10 - Capital Project Fund	3,630,736	26,079	3,656,815
LGIP #11 - Debt Service Fund	0	0	0
LGIP #12 - Impact Fee Fund	1,784,002	8,146	1,792,148
LGIP #13 - Equipment Replacement Fund	1,689,438	7,714	1,697,152
TOTAL WASTEWATER CASH AND INVESTMENT	7,180,824	315,757	7,496,581

LAKE GENEVA UTILITY COMMISSION

BUDGET COMPARISON THRU:

1 / 2024

FUND 62 - WATER UTILITY

REVENUES	Current Period	YTD	2024 Budget	YTD vs Budget	YTD % of Budget 8%	Prior YTD 2023	Prior YTD 5 Year Avg.
INTEREST EARNED	19,026	19,026	134,300	-115,274	14.17%	11,060	2,823
CUSTOMER SALES	-1,503	-1,503	1,882,606	-1,884,109	-0.08%	15,024	15,859
OTHER REVENUE	100,348	100,348	316,890	-216,542	31.67%	94,289	80,856
CAPITAL CONTRIBUTIONS	2,530	2,530	42,200	-39,670	6.00%	0	5,002
TOTAL REVENUES	120,401	120,401	2,375,996	-2,255,595	5.07%	120,373	104,540
EXPENSES							
TOTAL SOURCE OF SUPPLY - OPERATION	1,349	1,349	76,000	-74,651	1.78%	2,149	2,690
TOTAL SOURCE OF SUPPLY - MAINTENANCE	1,512	1,512	16,300	-14,788	9.28%	1,861	819
TOTAL PUMPING EXPENSE - OPERATION	632	632	86,700	-86,068	0.73%	555	502
TOTAL PUMPING EXPENSE - MAINTENANCE	1,943	1,943	101,950	-100,007	1.91%	781	357
TOTAL WATER TREATMENT - OPERATION	3,212	3,212	121,550	-118,338	2.64%	5,638	5,573
TOTAL WATER TREATMENT - MAINTENANCE	4,527	4,527	81,150	-76,623	5.58%	5,268	5,396
TOTAL TRANS. & DISTRIBUTION - OPERATION	3,749	3,749	57,350	-53,601	6.54%	4,964	2,459
TOTAL TRANS. & DISTRIBUTION - MAINTENANCE	12,164	12,164	215,400	-203,236	5.65%	24,573	12,455
TOTAL CUSTOMER ACCOUNTS	6,528	6,528	79,080	-72,552	8.25%	9,152	6,124
TOTAL ADMIN & GENERAL OPERATIONS	41,682	41,682	506,421	-464,739	8.23%	56,038	36,620
TOTAL OTHER EXPENSES	0	0	273,000	-273,000	0.00%	25,000	25,400
TOTAL OPERATION & MAINTENANCE EXPENSES	77,298	77,298	1,614,901	-1,537,603	4.79%	135,979	98,396
REVENUES OVER O&M EXPENSES	43,103	43,103	761,095	-717,992		-15,606	6,144
TOTAL CAPITAL OUTLAY	-730	-730	807,975	-808,705	-0.09%	-567	4,527
REVENUES OVER TOTAL EXPENSES	43,833	43,833	-46,880	90,713		-15,039	1,617
TOTAL CASH TRANSFERS	373,660	373,660	52,750	320,910	708.36%	17,820	1,538
NET CHANGE IN CASH BALANCE	-329,827	-329,827	-99,630	-230,197		-32,859	79

FUND CASH AND INVESTMENT SUMMARY	<u>Opening Balance</u>	<u>Period Activity</u>	<u>Ending Balance</u>
Water Utility Fund Cash	435,712	33,607	469,319
LGIP #1 - Capital Project Fund	2,002,831	365,060	2,367,891
LGIP #2 - Impact Fee Fund	1,057,540	4,829	1,062,369
LGIP #3 - Equipment Replacement Fund	825,919	3,771	829,690
TOTAL WATER FUND CASH AND INVESTMENT	4,322,003	407,268	4,729,270

Report Criteria:

Detail report.

Invoices with totals above \$5000.00 included.

Paid and unpaid invoices included.

Invoice Detail.GL account (2 Characters) = "61","62"

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
61				
MSA PROFESSIONAL SERVICES INC				
000818	12/27/2023	BIG FOOT LS EVAL-SVCS9/24/2	61-00-00-10700 CONSTRUCTION WORK IN PROCESS	1,827.50
000818	12/27/2023	STH 50 EVAL-SVCS9/24/2023-12	61-00-00-10700 CONSTRUCTION WORK IN PROCESS	2,402.50
001367	01/24/2024	BFLS EVALUATION-SVCS 12/28/	61-00-00-10700 CONSTRUCTION WORK IN PROCESS	1,020.00
Total MSA PROFESSIONAL SERVICES INC:				5,250.00
ALLIANT ENERGY				
280954000023	01/02/2024	HASKINS ST SEWER PLANT	61-00-00-52520 UTILITY-ELECTRICITY-PLANT	15,956.02
280954000024	02/01/2024	HASKINS ST SEWER PLANT	61-00-00-52520 UTILITY-ELECTRICITY-PLANT	14,780.05
Total ALLIANT ENERGY:				30,736.07
AMAZON CAPITAL SERVICES				
89C4-DEC 202	01/01/2024	MISC OFFICE SUPPLIES	61-00-00-53100 OFFICE SUPPLIES EXPENSE	10.74
Total AMAZON CAPITAL SERVICES:				10.74
MSA PROFESSIONAL SERVICES INC				
000818	12/27/2023	WW MODELING-SVCS9/24/2023	61-00-00-92300 OUTSIDE SERVICES EMPLOYED	3,200.00
001367	01/24/2024	COLLECTION SYS MODEL-SVC	61-00-00-92300 OUTSIDE SERVICES EMPLOYED	2,067.50
Total MSA PROFESSIONAL SERVICES INC:				5,267.50
AMAZON CAPITAL SERVICES				
89C4-DEC 202	01/01/2024	WARNING LIGHTS-BOBCAT	61-00-00-93700 MAINT-VEHICLES & EQUIP	48.41
Total AMAZON CAPITAL SERVICES:				48.41
DOWN TO EARTH				
8187	09/27/2023	9/18/2023 BIG FOOT LS FORCE	61-00-00-93810 MAINT-MAINS	7,269.50
8285	02/05/2024	BFLS FORCEMAIN BREAK REP	61-00-00-93810 MAINT-MAINS	5,557.50
Total DOWN TO EARTH:				12,827.00
Total 61:				54,139.72
62				
MSA PROFESSIONAL SERVICES INC				
000818	12/27/2023	STH 50 EVAL-SVCS9/24/2023-12	62-00-00-10700 CONSTRUCTION WORK IN PROCESS	2,402.50
Total MSA PROFESSIONAL SERVICES INC:				2,402.50
WATER WELL SOLUTIONS WISCONSIN LLC				
WI23-11-104	11/08/2023	DODGE BOOSTER-PUMP PULL,	62-00-00-10700 CONSTRUCTION WORK IN PROCESS	5,720.00
WI23-11-104	11/08/2023	BOOST PUMP 2B-PULL, INSPEC	62-00-00-10700 CONSTRUCTION WORK IN PROCESS	3,380.00
WI23-11-104	11/08/2023	WELL# 5-PULL/INSPECT/REPAI	62-00-00-10700 CONSTRUCTION WORK IN PROCESS	4,835.00
Total WATER WELL SOLUTIONS WISCONSIN LLC:				13,935.00

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
CORE & MAIN LP				
U267852	01/26/2024	3/4S IPERL METERS	62-00-00-34600 METERS	13,274.98
Total CORE & MAIN LP:				13,274.98
MARTELLE WATER TREATMENT				
26448	01/10/2024	SODIUM HYPOCHLORITE	62-00-00-60200 CHEMICALS	1,156.80
26448	01/10/2024	HYDROFLUOSILICIC ACID, CHL	62-00-00-64100 CHEMICALS	6,096.83
Total MARTELLE WATER TREATMENT:				7,253.63
DOWN TO EARTH				
8201	10/16/2023	8/21/2023 MAIN BREAK 1312 TO	62-00-00-67300 MAINT OF MAINS & VALVES	5,655.00
8256	01/02/2024	MAIN BREAK-900 BLK WELLS-S	62-00-00-67300 MAINT OF MAINS & VALVES	17,770.50
8275	01/13/2024	1/11/2024 MAIN BREAK LOOKO	62-00-00-67300 MAINT OF MAINS & VALVES	5,291.92
Total DOWN TO EARTH:				28,717.42
AMAZON CAPITAL SERVICES				
89C4-DEC 202	01/01/2024	MISC OFFICE SUPPLIES	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	10.74
89C4-DEC 202	01/01/2024	P2P DISH MOUNT	62-00-00-92300 OUTSIDE SERVICES EMPLOYED	29.99
Total AMAZON CAPITAL SERVICES:				40.73
MSA PROFESSIONAL SERVICES INC				
000818	12/27/2023	WATER MODEL-SVCS9/24/2023-	62-00-00-92300 OUTSIDE SERVICES EMPLOYED	2,480.00
001367	01/24/2024	WATER MODEL-SVCS 12/28/202	62-00-00-92300 OUTSIDE SERVICES EMPLOYED	2,932.50
Total MSA PROFESSIONAL SERVICES INC:				5,412.50
AMAZON CAPITAL SERVICES				
89C4-DEC 202	01/01/2024	CABINET, ELECTRICALSUPPLIE	62-00-00-93300 TRANSPORTATION EXPENSE	143.97
Total AMAZON CAPITAL SERVICES:				143.97
Total 62:				71,180.73
Grand Totals:				125,320.45

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
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Dated: _____

Mayor: _____

City Council: _____

City Recorder: _____

Report Criteria:

- Detail report.
- Invoices with totals above \$5000.00 included.
- Paid and unpaid invoices included.
- Invoice Detail.GL account (2 Characters) = "61","62"

Report Criteria:

Detail report.

Invoices with totals above \$0.00 included.

Paid and unpaid invoices included.

Invoice Detail.GL account (2 Characters) = "61","62"

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
61				
MSA PROFESSIONAL SERVICES INC				
000818	12/27/2023	BIG FOOT LS EVAL-SVCS9/24/2	61-00-00-10700 CONSTRUCTION WORK IN PROCESS	1,827.50
000818	12/27/2023	STH 50 EVAL-SVCS9/24/2023-12	61-00-00-10700 CONSTRUCTION WORK IN PROCESS	2,402.50
001367	01/24/2024	BFLS EVALUATION-SVCS 12/28/	61-00-00-10700 CONSTRUCTION WORK IN PROCESS	1,020.00
Total MSA PROFESSIONAL SERVICES INC:				5,250.00
HD SUPPLY INC				
INV00246196	01/15/2024	PH TEST STRIPS-LAB TESTING	61-00-00-52100 LABORATORY SERVICES	60.88
Total HD SUPPLY INC:				60.88
NORTHERN LAKE SERVICE INC				
2400571	01/10/2024	WEEKLY NITROGEN TESTING	61-00-00-52100 LABORATORY SERVICES	293.79
2400591	01/10/2024	WEEKLY NITROGEN TESTING	61-00-00-52100 LABORATORY SERVICES	309.38
2401203	01/23/2024	WEEKLY NITROGEN TESTING	61-00-00-52100 LABORATORY SERVICES	309.38
2401285	01/25/2024	WEEKLY NITROGEN TESTING	61-00-00-52100 LABORATORY SERVICES	309.38
2401719	02/01/2024	WEEKLY NITROGEN TESTING	61-00-00-52100 LABORATORY SERVICES	309.38
2402106	02/08/2024	WEEKLY NITROGEN TESTING	61-00-00-52100 LABORATORY SERVICES	309.38
Total NORTHERN LAKE SERVICE INC:				1,840.69
WE ENERGIES				
4873822217	01/10/2024	HASKINS ST DEWATERING BLD	61-00-00-52500 UTILITY-GAS-PLANT	186.99
4875423476	01/11/2024	HASKINS ST WEST BLDG-STOR	61-00-00-52500 UTILITY-GAS-PLANT	329.40
4875682086	01/11/2024	HASKINS ST WWTF-SEWER PL	61-00-00-52500 UTILITY-GAS-PLANT	501.02
4909071523	02/07/2024	HASKINS ST WEST BLDG-STOR	61-00-00-52500 UTILITY-GAS-PLANT	434.33
4909153500	02/07/2024	HASKINS ST WWTF-SEWER PL	61-00-00-52500 UTILITY-GAS-PLANT	722.35
4909735940	02/07/2024	HASKINS ST DEWATERING BLD	61-00-00-52500 UTILITY-GAS-PLANT	334.51
4872590470	01/10/2024	EDGEWOOD DR LIFT STN	61-00-00-52505 UTILITY-GAS-COLLECTION SYSTEM	14.14
4878442562	01/15/2024	LAGRANGE DR LIFT STN	61-00-00-52505 UTILITY-GAS-COLLECTION SYSTEM	18.36
4880298995	01/16/2024	BIG FOOT LIFT STATION	61-00-00-52505 UTILITY-GAS-COLLECTION SYSTEM	16.42
4907100753	02/06/2024	EDGEWOOD DR LIFT STN	61-00-00-52505 UTILITY-GAS-COLLECTION SYSTEM	9.84
4914342290	02/09/2024	LAGRANGE DR LIFT STN	61-00-00-52505 UTILITY-GAS-COLLECTION SYSTEM	17.75
Total WE ENERGIES:				2,585.11
ALLIANT ENERGY				
143875000023	01/02/2024	191 HASKINS ST DEWATER BLD	61-00-00-52520 UTILITY-ELECTRICITY-PLANT	342.60
143875000024	02/01/2024	191 HASKINS ST DEWATER BLD	61-00-00-52520 UTILITY-ELECTRICITY-PLANT	329.76
280954000023	01/02/2024	HASKINS ST SEWER PLANT	61-00-00-52520 UTILITY-ELECTRICITY-PLANT	15,956.02
280954000024	02/01/2024	HASKINS ST SEWER PLANT	61-00-00-52520 UTILITY-ELECTRICITY-PLANT	14,780.05
507753000023	01/02/2024	361 W MAIN ST SIGN	61-00-00-52520 UTILITY-ELECTRICITY-PLANT	39.09
507753000024	02/01/2024	361 W MAIN ST SIGN	61-00-00-52520 UTILITY-ELECTRICITY-PLANT	23.51
974671000023	01/02/2024	361 MAIN ST HALLWAY	61-00-00-52520 UTILITY-ELECTRICITY-PLANT	122.46
974671000024	02/01/2024	361 MAIN ST HALLWAY	61-00-00-52520 UTILITY-ELECTRICITY-PLANT	121.34
055361000023	01/02/2024	361 MAIN ST CC LIFT	61-00-00-52525 UTILITY-ELECTRICITY-COLL SYS	73.19
055361000024	02/01/2024	361 MAIN ST CC LIFT	61-00-00-52525 UTILITY-ELECTRICITY-COLL SYS	68.63
141180000023	01/02/2024	LAGRANGE DR LIFT STN	61-00-00-52525 UTILITY-ELECTRICITY-COLL SYS	178.08
141180000024	02/01/2024	LAGRANGE DR LIFT STN	61-00-00-52525 UTILITY-ELECTRICITY-COLL SYS	172.94

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
277971000023	01/02/2024	MARIANE TER LIFT STN	61-00-00-52525 UTILITY-ELECTRICITY-COLL SYS	36.49
277971000024	02/01/2024	MARIANE TER LIFT STN	61-00-00-52525 UTILITY-ELECTRICITY-COLL SYS	34.78
307955000023	01/02/2024	MAXWELL ST LIFT STN	61-00-00-52525 UTILITY-ELECTRICITY-COLL SYS	56.18
307955000024	02/01/2024	MAXWELL ST LIFT STN	61-00-00-52525 UTILITY-ELECTRICITY-COLL SYS	50.18
327113000023	01/02/2024	BAYVIEW DR LIFT STN	61-00-00-52525 UTILITY-ELECTRICITY-COLL SYS	56.81
327113000024	02/01/2024	BAYVIEW DR LIFT STN	61-00-00-52525 UTILITY-ELECTRICITY-COLL SYS	58.59
599411000023	01/02/2024	361 STATE ROAD 120 BIG FOOT	61-00-00-52525 UTILITY-ELECTRICITY-COLL SYS	285.67
599411000024	02/01/2024	361 STATE ROAD 120 BIG FOOT	61-00-00-52525 UTILITY-ELECTRICITY-COLL SYS	329.09
962961000024	01/02/2024	EDGEWOOD DR LIFT STN	61-00-00-52525 UTILITY-ELECTRICITY-COLL SYS	254.55
962961000024	02/01/2024	EDGEWOOD DR LIFT STN	61-00-00-52525 UTILITY-ELECTRICITY-COLL SYS	298.92
Total ALLIANT ENERGY:				33,668.93
WI DEPT OF ADMINISTRATION				
505-00000877	01/18/2024	IRONPORT ACCT FEE-12/2023	61-00-00-53050 COMPUTER EXPENSE	3.06
Total WI DEPT OF ADMINISTRATION:				3.06
AMAZON CAPITAL SERVICES				
89C4-DEC 202	01/01/2024	MISC OFFICE SUPPLIES	61-00-00-53100 OFFICE SUPPLIES EXPENSE	10.74
Total AMAZON CAPITAL SERVICES:				10.74
CHARTER COMMUNICATIONS				
012395101112	01/11/2024	INTERNET SVC JAN 2024	61-00-00-53100 OFFICE SUPPLIES EXPENSE	109.98
Total CHARTER COMMUNICATIONS:				109.98
MARTIN GROUP				
1304043	01/20/2024	SERVICE CONTRACT/COPIES	61-00-00-53100 OFFICE SUPPLIES EXPENSE	126.05
Total MARTIN GROUP:				126.05
ODP BUSINESS SOLUTIONS LLC				
348726322001	01/16/2024	CREDIT FOR RETURNED LABE	61-00-00-53100 OFFICE SUPPLIES EXPENSE	30.73-
349441243001	01/09/2024	HOLE PUNCH, STAPLES, AIR F	61-00-00-53100 OFFICE SUPPLIES EXPENSE	8.42
349444579001	01/10/2024	POCKET FILES	61-00-00-53100 OFFICE SUPPLIES EXPENSE	14.50
Total ODP BUSINESS SOLUTIONS LLC:				7.81-
AT&T				
262248865601	01/13/2024	JANUARY 2024 MONTHLY PHO	61-00-00-53110 TELEPHONE EXPENSE	116.17
Total AT&T:				116.17
AT&T LONG DISTANCE				
816988240-12	01/04/2024	262-248-2339	61-00-00-53110 TELEPHONE EXPENSE	.21
Total AT&T LONG DISTANCE:				.21
FNBO				
554328633582	12/24/2023	VONAGE PHONE SVC 12/23/202	61-00-00-53110 TELEPHONE EXPENSE	133.05
554328640242	01/24/2024	VONAGE PHONE SVC 1/23/2024	61-00-00-53110 TELEPHONE EXPENSE	133.09
Total FNBO:				266.14

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
US CELLULAR				
0626863259	01/04/2024	WWTF MONTHLY PHONE BILL	61-00-00-53110 TELEPHONE EXPENSE	120.44
Total US CELLULAR:				120.44
DUNN LUMBER				
1628090	01/23/2024	PROPANE-TORCH GAS-SHOP	61-00-00-53500 OPERATIONS TOOLS & EQUIP	23.99
Total DUNN LUMBER:				23.99
HOME DEPOT CREDIT SERVICES				
1523657	01/16/2024	PROPANE FUEL	61-00-00-53500 OPERATIONS TOOLS & EQUIP	11.96
Total HOME DEPOT CREDIT SERVICES:				11.96
WELDERS SUPPLY CO				
3042405	01/31/2024	CUTTING GAS-ACETYLENE & O	61-00-00-53500 OPERATIONS TOOLS & EQUIP	197.36
Total WELDERS SUPPLY CO:				197.36
DUNN LUMBER				
1632595	01/30/2024	SHOVELS FOR TRUCKS	61-00-00-53510 OPERATIONS-EQUIPMENT	33.98
Total DUNN LUMBER:				33.98
CINTAS CORP				
5197005708	02/09/2024	RESTOCK FIRST AID SUPPLIES	61-00-00-53900 FIRST AID & SAFETY SUPPLIES	66.82
Total CINTAS CORP:				66.82
FNBO				
053146133543	12/19/2023	EMPLOYEE CHRISTMAS PARTY	61-00-00-53990 MISCELLANEOUS EXPENSE	55.00
Total FNBO:				55.00
HD SUPPLY INC				
INV00255726	01/24/2024	CHLORIDE TEST STRIPS	61-00-00-64000 LABORATORY SUPPLIES	1,055.32
INV00263637	02/01/2024	GW TESTING-TRACEABLE CON	61-00-00-64000 LABORATORY SUPPLIES	58.80
INV00265311	02/02/2024	CHLORIDE TEST STRIPS-HAUL	61-00-00-64000 LABORATORY SUPPLIES	226.14
Total HD SUPPLY INC:				1,340.26
KAPUR & ASSOCIATES INC				
123768	02/02/2024	MAXWELL LS EASEMENT-PROF	61-00-00-92300 OUTSIDE SERVICES EMPLOYED	1,362.15
123769	02/02/2024	ALLENDALE ROW RECREATION	61-00-00-92300 OUTSIDE SERVICES EMPLOYED	775.00
Total KAPUR & ASSOCIATES INC:				2,137.15
MSA PROFESSIONAL SERVICES INC				
000818	12/27/2023	WW MODELING-SVCS9/24/2023	61-00-00-92300 OUTSIDE SERVICES EMPLOYED	3,200.00
001367	01/24/2024	COLLECTION SYS MODEL-SVC	61-00-00-92300 OUTSIDE SERVICES EMPLOYED	2,067.50
Total MSA PROFESSIONAL SERVICES INC:				5,267.50
BAUMAN, KEN				
BAUMAN0213	02/13/2024	REIMB 1/26/2024 MWAA WINT	61-00-00-92600 EMPLOYEE BENEFITS	104.84

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
Total BAUMAN, KEN:				104.84
SECURIAN FINANCIAL GROUP				
MARCH 2024 L	02/06/2024	MAR LIFE INS 2024	61-00-00-92630 LIFE INSURANCE EXPENSE	10.73
Total SECURIAN FINANCIAL GROUP:				10.73
PFI FASHIONS INC				
109982	01/17/2024	2024 UNIFORMS	61-00-00-92650 UNIFORM/CLOTHING EXPENSE	44.22
Total PFI FASHIONS INC:				44.22
DUNN LUMBER				
1624524	01/16/2024	TOIL INSTALL-LAB BLDG MAINT	61-00-00-93500 MAINT-LAB BLDG	10.38
Total DUNN LUMBER:				10.38
HOME DEPOT CREDIT SERVICES				
1523657	01/16/2024	TOILET SET & WAX RING	61-00-00-93500 MAINT-LAB BLDG	34.96
3173126	12/15/2023	NEW RG6 COAX CABLE RAN T	61-00-00-93506 MAINT-VEHICLE STORAGE BLDGS	56.98
7025171	01/10/2024	NEW TOILET	61-00-00-93506 MAINT-VEHICLE STORAGE BLDGS	131.66
Total HOME DEPOT CREDIT SERVICES:				223.60
TROEMNER LLC				
323099292	02/09/2024	WEIGHT CERTIFICATIONS	61-00-00-93600 MAINT-LAB EQUIPMENT	94.00
Total TROEMNER LLC:				94.00
SABEL MECHANICAL LLC				
240052	01/30/2024	HEADWORKS MAINT & REC ST	61-00-00-93601 MAINT-HEADWORKS EQUIP	1,921.82
Total SABEL MECHANICAL LLC:				1,921.82
HOME DEPOT CREDIT SERVICES				
1523657	01/16/2024	2" CAP	61-00-00-93603 MAINT-PROCESS EQUIP	4.36
Total HOME DEPOT CREDIT SERVICES:				4.36
AMAZON CAPITAL SERVICES				
89C4-DEC 202	01/01/2024	WARNING LIGHTS-BOBCAT	61-00-00-93700 MAINT-VEHICLES & EQUIP	48.41
Total AMAZON CAPITAL SERVICES:				48.41
DUNN LUMBER				
1638646	02/07/2024	NIPPLES/PLUGS/SOCKETS-CA	61-00-00-93700 MAINT-VEHICLES & EQUIP	36.95
Total DUNN LUMBER:				36.95
ITU ABSORB TECH INC				
8277328	02/02/2024	SHOP RAGS	61-00-00-93700 MAINT-VEHICLES & EQUIP	32.88
Total ITU ABSORB TECH INC:				32.88
DUNN LUMBER				
1629934	01/25/2024	ELBOW/NIPPLES-BIG FOOT LS	61-00-00-93800 MAINT-LIFT STATIONS	19.16

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
Total DUNN LUMBER:				19.16
LAKES AREA TREE GUYS LLC				
1360	01/12/2024	MARIANE TERRACE LS TREE M	61-00-00-93800 MAINT-LIFT STATIONS	2,300.00
Total LAKES AREA TREE GUYS LLC:				2,300.00
DIGGERS HOTLINE				
240 1 39101 P	01/12/2024	JAN 2024 PREPAYMENT, 1049	61-00-00-93810 MAINT-MAINS	401.36
Total DIGGERS HOTLINE:				401.36
DOWN TO EARTH				
8187	09/27/2023	9/18/2023 BIG FOOT LS FORCE	61-00-00-93810 MAINT-MAINS	7,269.50
8285	02/05/2024	BFLS FORCEMAIN BREAK REP	61-00-00-93810 MAINT-MAINS	5,557.50
Total DOWN TO EARTH:				12,827.00
HOME DEPOT CREDIT SERVICES				
3880454	01/04/2024	SAFETY CONES	61-00-00-93810 MAINT-MAINS	148.00
7023240	12/21/2023	BIG FOOT LS FORCEMAIN REP	61-00-00-93810 MAINT-MAINS	30.16
Total HOME DEPOT CREDIT SERVICES:				178.16
PATS SERVICES INC				
1003888	01/28/2024	BIG FOOT LS-FORCEMAIN BRE	61-00-00-93810 MAINT-MAINS	2,118.75
Total PATS SERVICES INC:				2,118.75
ALLIANT ENERGY				
252422000024	01/02/2024	E STATE ROAD 50 GATE	61-00-00-93820 MAINT-RECEIVING STATION	18.85
252422000024	02/01/2024	E STATE ROAD 50 GATE	61-00-00-93820 MAINT-RECEIVING STATION	17.69
Total ALLIANT ENERGY:				36.54
FIRST SUPPLY LLC				
14034444-00	01/25/2024	PINCH VALVE REMOVAL-SEEPAGE	61-00-00-93820 MAINT-RECEIVING STATION	172.38
Total FIRST SUPPLY LLC:				172.38
SABEL MECHANICAL LLC				
240052	01/30/2024	HEADWORKS MAINT & REC ST	61-00-00-93820 MAINT-RECEIVING STATION	1,281.21
Total SABEL MECHANICAL LLC:				1,281.21
ALLIANT ENERGY				
054885000023	01/02/2024	E STATE ROAD 50 SEEPAGE	61-00-00-93830 MAINT-SEEPAGE CELLS/POND	125.42
054885000024	02/01/2024	E STATE ROAD 50 SEEPAGE	61-00-00-93830 MAINT-SEEPAGE CELLS/POND	154.87
Total ALLIANT ENERGY:				280.29
SYSTEMS DESIGN				
25144	02/01/2024	IRRIGATION SHUTDOWN	61-00-00-93910 MAINTENANCE-OTHER	85.00
Total SYSTEMS DESIGN:				85.00

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
Total 61:				75,516.65
62				
MSA PROFESSIONAL SERVICES INC				
000818	12/27/2023	STH 50 EVAL-SVCS9/24/2023-12	62-00-00-10700 CONSTRUCTION WORK IN PROCESS	2,402.50
Total MSA PROFESSIONAL SERVICES INC:				2,402.50
WATER WELL SOLUTIONS WISCONSIN LLC				
WI23-11-104	11/08/2023	DODGE BOOSTER-PUMP PULL,	62-00-00-10700 CONSTRUCTION WORK IN PROCESS	5,720.00
WI23-11-104	11/08/2023	BOOST PUMP 2B-PULL, INSPEC	62-00-00-10700 CONSTRUCTION WORK IN PROCESS	3,380.00
WI23-11-104	11/08/2023	WELL# 5-PULL/INSPECT/REPAI	62-00-00-10700 CONSTRUCTION WORK IN PROCESS	4,835.00
Total WATER WELL SOLUTIONS WISCONSIN LLC:				13,935.00
CORE & MAIN LP				
U155892	01/17/2024	14" HYMAX	62-00-00-15000 MATERIAL-SUPPLIES	1,170.00
U156402	01/22/2024	14" WATERMAIN, MEGALUGS, B	62-00-00-15000 MATERIAL-SUPPLIES	4,339.80
U267852	01/26/2024	3/4S IPERL METERS	62-00-00-34600 METERS	13,274.98
Total CORE & MAIN LP:				18,784.78
WRIGHTWOOD OF LAKE GENEVA				
WRIGHTWOO	01/12/2024	CUST REFUND-OVERBILLED FI	62-00-00-46200 PRIVATE FIRE PROTECTION	1,929.74
Total WRIGHTWOOD OF LAKE GENEVA:				1,929.74
MARTELLE WATER TREATMENT				
26448	01/10/2024	SODIUM HYPOCHLORITE	62-00-00-60200 CHEMICALS	1,156.80
Total MARTELLE WATER TREATMENT:				1,156.80
ALLIANT ENERGY				
145511000023	01/02/2024	361 MAIN ST WELL 2	62-00-00-60300 MISC EXPENSES & UTILITY	1,486.25
145511000024	02/02/2024	361 MAIN ST WELL 2	62-00-00-60300 MISC EXPENSES & UTILITY	1,623.54
327391000023	01/02/2024	WAVERLY ST WELL 4	62-00-00-60300 MISC EXPENSES & UTILITY	578.29
327391000024	02/01/2024	WAVERLY ST WELL 4	62-00-00-60300 MISC EXPENSES & UTILITY	568.62
348370000023	01/02/2024	WAVERLY ST WELL 3	62-00-00-60300 MISC EXPENSES & UTILITY	623.31
348370000024	02/02/2024	WAVERLY ST WELL 3	62-00-00-60300 MISC EXPENSES & UTILITY	710.97
972745000024	02/01/2024	HASKINS ST WELL 5	62-00-00-60300 MISC EXPENSES & UTILITY	72.88
Total ALLIANT ENERGY:				5,663.86
DUNN LUMBER				
1633966	01/31/2024	BATTERIES, MARKING PAINT, F	62-00-00-60300 MISC EXPENSES & UTILITY	45.34
Total DUNN LUMBER:				45.34
WE ENERGIES				
4875723424	01/11/2024	WAVERLY ST WELLHOUSE #4	62-00-00-60300 MISC EXPENSES & UTILITY	73.17
4875896058	01/11/2024	HASKINS ST WELLHOUSE #5	62-00-00-60300 MISC EXPENSES & UTILITY	68.82
4909288772	02/07/2024	HASKINS ST WELLHOUSE #5	62-00-00-60300 MISC EXPENSES & UTILITY	51.22
4910536923	02/07/2024	WAVERLY ST WELLHOUSE #4	62-00-00-60300 MISC EXPENSES & UTILITY	68.60
Total WE ENERGIES:				261.81

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
DUNN LUMBER				
1625033	01/17/2024	BALL VALVE - WELL# 4	62-00-00-61400 WELLS MAINTENANCE	33.98
Total DUNN LUMBER:				33.98
HOME DEPOT CREDIT SERVICES				
9025915	01/16/2024	BRASS NIPPLES-WELL# 4	62-00-00-61400 WELLS MAINTENANCE	17.55
Total HOME DEPOT CREDIT SERVICES:				17.55
ALLIANT ENERGY				
347962000023	12/08/2023	DODGE ST BOOSTER	62-00-00-62300 PUMPING POWER PURCHASED	153.87
347962000023	01/09/2024	DODGE ST BOOSTER	62-00-00-62300 PUMPING POWER PURCHASED	179.15
347962000024	02/01/2024	DODGE ST BOOSTER	62-00-00-62300 PUMPING POWER PURCHASED	171.94
576425000024	02/05/2024	MAIN ST ENGINE ROOM	62-00-00-62300 PUMPING POWER PURCHASED	4,635.71
717061000023	01/02/2024	1401 CENTER ST BOOSTER	62-00-00-62300 PUMPING POWER PURCHASED	218.71
717061000024	02/01/2024	1401 CENTER ST BOOSTER	62-00-00-62300 PUMPING POWER PURCHASED	197.35
Total ALLIANT ENERGY:				5,248.99
WE ENERGIES				
4873001452	01/10/2024	WATER DEPT MAIN BLDG	62-00-00-62300 PUMPING POWER PURCHASED	781.06
4874035441	01/10/2024	CENTER ST BOOSTER STN	62-00-00-62300 PUMPING POWER PURCHASED	39.30
4910303631	02/07/2024	CENTER ST BOOSTER STN	62-00-00-62300 PUMPING POWER PURCHASED	53.24
4910525752	02/07/2024	WATER DEPT MAIN BLDG	62-00-00-62300 PUMPING POWER PURCHASED	892.36
Total WE ENERGIES:				1,765.96
SMITH ECOLOGICAL SYSTEMS COMPANY				
24603	01/15/2024	CHEMICAL FEED PUMP STACK	62-00-00-63300 MAINT PUMPING EQUIP	819.00
Total SMITH ECOLOGICAL SYSTEMS COMPANY:				819.00
MARTELLE WATER TREATMENT				
26448	01/10/2024	HYDROFLUOSILICIC ACID, CHL	62-00-00-64100 CHEMICALS	6,096.83
Total MARTELLE WATER TREATMENT:				6,096.83
ALLIANT ENERGY				
974671000023	01/02/2024	361 MAIN ST HALLWAY	62-00-00-64200 LABOR & EXPENSES (LAB)	122.47
974671000024	02/01/2024	361 MAIN ST HALLWAY	62-00-00-64200 LABOR & EXPENSES (LAB)	121.33
Total ALLIANT ENERGY:				243.80
NORTHERN LAKE SERVICE INC				
2400950	01/17/2024	MANGANESE MONTHLY	62-00-00-64200 LABOR & EXPENSES (LAB)	43.81
2402283	02/12/2024	MANGANESE MONTHLY	62-00-00-64200 LABOR & EXPENSES (LAB)	43.81
Total NORTHERN LAKE SERVICE INC:				87.62
WI STATE LABORATORY OF HYGIENE				
766597	01/31/2024	MONTHLY FLUORIDE SPLIT SA	62-00-00-64200 LABOR & EXPENSES (LAB)	29.00
Total WI STATE LABORATORY OF HYGIENE:				29.00
HOME DEPOT CREDIT SERVICES				
4360246	02/02/2024	GARAGE DOOR OPENERS	62-00-00-64300 MISC EXPENSE	107.60

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
9173384	12/19/2023	COPPER FITTING	62-00-00-64300 MISC EXPENSE	3.49
3026437	01/24/2024	TAPING KNIVES, WOODFILL, SA	62-00-00-65100 PLANT MAINTENANCE	23.14
3026498	01/24/2024	TREATMNT PLANT DOOR REPA	62-00-00-65100 PLANT MAINTENANCE	32.79
7014752	01/30/2024	DOOR LOCKS-TREATMENT PLA	62-00-00-65100 PLANT MAINTENANCE	24.70
Total HOME DEPOT CREDIT SERVICES:				191.72
PETTY CASH				
PETTYCASH0	01/31/2024	REPLENISH PETTY CASH-2023-	62-00-00-65100 PLANT MAINTENANCE	21.82
Total PETTY CASH:				21.82
GRAINGER				
9971170890	01/22/2024	BOOSTER PUMPS PACKING SE	62-00-00-65200 MAINT WATER TREATMENT EQUIP	88.55
Total GRAINGER:				88.55
ALLIANT ENERGY				
098433000023	01/02/2024	750 WILD RIDGE DR WATER TO	62-00-00-66100 MAINT OPS-STANDPIPES	125.99
098433000024	02/01/2024	750 WILD RIDGE DR WATER TO	62-00-00-66100 MAINT OPS-STANDPIPES	117.98
520171000023	01/02/2024	1887 DODGE ST TOWER	62-00-00-66100 MAINT OPS-STANDPIPES	39.93
520171000024	02/01/2024	1887 DODGE ST TOWER	62-00-00-66100 MAINT OPS-STANDPIPES	134.62
Total ALLIANT ENERGY:				418.52
DUNN LUMBER				
1624973	01/17/2024	SNOW SHOVEL	62-00-00-66500 MISC EXPENSE LICENSE & TOOLS	17.99
1629005	01/24/2024	SNOW SHOVEL	62-00-00-66500 MISC EXPENSE LICENSE & TOOLS	15.99
1640660	02/09/2024	TIE DOWNS	62-00-00-66500 MISC EXPENSE LICENSE & TOOLS	25.99
Total DUNN LUMBER:				59.97
HOME DEPOT CREDIT SERVICES				
1025715	01/16/2024	DRILL BIT SETS	62-00-00-66500 MISC EXPENSE LICENSE & TOOLS	53.94
2621066	12/06/2023	SHOP VAC FILTER BAGS	62-00-00-66500 MISC EXPENSE LICENSE & TOOLS	22.97
5025391	01/12/2024	PIPE SEALANT & TAPE	62-00-00-66500 MISC EXPENSE LICENSE & TOOLS	47.66
6025308	01/11/2024	UTILITY KNIVES	62-00-00-66500 MISC EXPENSE LICENSE & TOOLS	12.38
8014576	01/19/2024	ELECTRICAL FISH TAPE	62-00-00-66500 MISC EXPENSE LICENSE & TOOLS	119.00
2174224	01/05/2024	ELECTRICAL FITTINGS-CENTE	62-00-00-67200 RESERVOIR & STANDPIPES	34.35
Total HOME DEPOT CREDIT SERVICES:				290.30
DIGGERS HOTLINE				
240 1 39101 P	01/12/2024	JAN 2024 PREPAYMENT, 1049	62-00-00-67300 MAINT OF MAINS & VALVES	200.69
Total DIGGERS HOTLINE:				200.69
DOWN TO EARTH				
8201	10/16/2023	8/21/2023 MAIN BREAK 1312 TO	62-00-00-67300 MAINT OF MAINS & VALVES	5,655.00
8256	01/02/2024	MAIN BREAK-900 BLK WELLS-S	62-00-00-67300 MAINT OF MAINS & VALVES	17,770.50
8275	01/13/2024	1/11/2024 MAIN BREAK LOOKO	62-00-00-67300 MAINT OF MAINS & VALVES	5,291.92
Total DOWN TO EARTH:				28,717.42
DIGGERS HOTLINE				
240 1 39101 P	01/12/2024	JAN 2024 PREPAYMENT, 1049	62-00-00-67500 MAINT SERVICES & CURB BOX	200.69

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
Total DIGGERS HOTLINE:				200.69
HOME DEPOT CREDIT SERVICES				
3026437	01/24/2024	THERMOSTAT WIRE-METERS	62-00-00-67600 MAINT OF METERS	182.54
Total HOME DEPOT CREDIT SERVICES:				182.54
AMAZON CAPITAL SERVICES				
89C4-DEC 202	01/01/2024	MISC OFFICE SUPPLIES	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	10.74
Total AMAZON CAPITAL SERVICES:				10.74
AT&T				
262248865601	01/13/2024	JANUARY 2024 MONTHLY PHO	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	116.17
Total AT&T:				116.17
AT&T LONG DISTANCE				
816988240-12	01/04/2024	262-248-8617	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	.73
Total AT&T LONG DISTANCE:				.73
CAPITAL ONE				
1653378478	01/18/2024	COFFEE & CREAMER	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	154.20
Total CAPITAL ONE:				154.20
CHARTER COMMUNICATIONS				
010682401212	01/21/2024	WATER JANUARY INTERNET	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	119.98
Total CHARTER COMMUNICATIONS:				119.98
FNBO				
554328633582	12/24/2023	VONAGE PHONE SVC 12/23/202	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	133.06
554328640242	01/24/2024	VONAGE PHONE SVC 1/23/2024	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	133.08
Total FNBO:				266.14
HOME DEPOT CREDIT SERVICES				
9025952	01/18/2024	REPLACEMENT CEILING TILES-	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	31.25
Total HOME DEPOT CREDIT SERVICES:				31.25
MARTIN GROUP				
1304043	01/20/2024	SERVICE CONTRACT/COPIES	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	126.05
Total MARTIN GROUP:				126.05
MUNICIPAL ENVIRONMENTAL GROUP				
MEG01312024	01/31/2024	2024 MEG MEMBERHSIP	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	782.10
Total MUNICIPAL ENVIRONMENTAL GROUP:				782.10
ODP BUSINESS SOLUTIONS LLC				
348726322001	01/16/2024	CREDIT FOR RETURNED LABE	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	30.74-
349441243001	01/09/2024	HOLE PUNCH, STAPLES, AIR F	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	8.43

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
349444579001	01/10/2024	POCKET FILES	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	14.49
Total ODP BUSINESS SOLUTIONS LLC:				7.82-
RACHWAL, TYLER				
01/18/24	01/29/2024	REIMB CSWEA TRAINING-STOR	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	35.00
RACHWAL020	02/09/2024	REIMB 1/31/2024 WRWA DRINKI	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	55.00
RACHWAL112	11/29/2023	11/29/2023 REIMB CSWEA TRAI	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	30.00
Total RACHWAL, TYLER:				120.00
US CELLULAR				
0626863259	01/04/2024	WATER MONTHLY PHONE BILL	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	223.68
Total US CELLULAR:				223.68
WI DEPT OF ADMINISTRATION				
505-00000877	01/18/2024	IRONPORT ACCT FEE-12/2023	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	3.05
Total WI DEPT OF ADMINISTRATION:				3.05
AMAZON CAPITAL SERVICES				
89C4-DEC 202	01/01/2024	P2P DISH MOUNT	62-00-00-92300 OUTSIDE SERVICES EMPLOYED	29.99
Total AMAZON CAPITAL SERVICES:				29.99
CLEAN WATER ENGINEERING LLC				
1056	01/31/2024	CROSS CONNECTION INSPECT	62-00-00-92300 OUTSIDE SERVICES EMPLOYED	360.00
Total CLEAN WATER ENGINEERING LLC:				360.00
KAPUR & ASSOCIATES INC				
118228.5	01/26/2024	LSL WORKFLOW GIS-SVCS 01/	62-00-00-92300 OUTSIDE SERVICES EMPLOYED	848.00
Total KAPUR & ASSOCIATES INC:				848.00
MSA PROFESSIONAL SERVICES INC				
000818	12/27/2023	WATER MODEL-SVCS9/24/2023-	62-00-00-92300 OUTSIDE SERVICES EMPLOYED	2,480.00
001367	01/24/2024	WATER MODEL-SVCS 12/28/202	62-00-00-92300 OUTSIDE SERVICES EMPLOYED	2,932.50
Total MSA PROFESSIONAL SERVICES INC:				5,412.50
SECURIAN FINANCIAL GROUP				
MARCH 2024 L	02/06/2024	MAR LIFE INS 2024	62-00-00-92630 LIFE INSURANCE EXPENSE	13.61
Total SECURIAN FINANCIAL GROUP:				13.61
CINTAS CORP				
5197005710	02/09/2024	RESTOCK FIRST AID SUPPLIES	62-00-00-93000 MISCELLANEOUS GENERAL EXP	96.97
Total CINTAS CORP:				96.97
DUNN LUMBER				
1623087	01/12/2024	VINEGAR-CLEANING SUPP	62-00-00-93000 MISCELLANEOUS GENERAL EXP	17.38
Total DUNN LUMBER:				17.38

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
FNBO				
053146133543	12/19/2023	EMPLOYEE CHRISTMAS PARTY	62-00-00-93000 MISCELLANEOUS GENERAL EXP	55.00
Total FNBO:				55.00
SYSTEMS DESIGN				
25144	02/01/2024	IRRIGATION SHUTDOWN	62-00-00-93000 MISCELLANEOUS GENERAL EXP	85.00
Total SYSTEMS DESIGN:				85.00
CINTA FIRE PROTECTION F36				
0F36680351	01/05/2024	ANNUAL FIRE EXT TESTING MA	62-00-00-93200 MAINTENANCE OF GENERAL PLANT	3,020.33
Total CINTA FIRE PROTECTION F36:				3,020.33
HOME DEPOT CREDIT SERVICES				
2174691	01/15/2024	BATHROOM FAN-REPLACEMEN	62-00-00-93200 MAINTENANCE OF GENERAL PLANT	46.26
3021349	12/05/2023	GLUE	62-00-00-93200 MAINTENANCE OF GENERAL PLANT	27.98
Total HOME DEPOT CREDIT SERVICES:				74.24
WELDERS SUPPLY CO				
3039444	01/22/2024	CREDIT SALES TAX	62-00-00-93200 MAINTENANCE OF GENERAL PLANT	.92-
Total WELDERS SUPPLY CO:				.92-
ADVANCE AUTO PARTS				
719340114601	01/11/2024	HYDRAULIC OIL SNOW PLOW	62-00-00-93300 TRANSPORTATION EXPENSE	53.52
719340154615	01/15/2024	MOTOR OIL SERVICE TRUCKS	62-00-00-93300 TRANSPORTATION EXPENSE	202.16
Total ADVANCE AUTO PARTS:				255.68
AMAZON CAPITAL SERVICES				
89C4-DEC 202	01/01/2024	CABINET, ELECTRICALSUPPLIE	62-00-00-93300 TRANSPORTATION EXPENSE	143.97
Total AMAZON CAPITAL SERVICES:				143.97
MIKES AUTO REPAIR INC				
71250	01/17/2024	TIRES/OIL CHANGE-2010 1 TON	62-00-00-93300 TRANSPORTATION EXPENSE	1,445.86
Total MIKES AUTO REPAIR INC:				1,445.86
Total 62:				102,698.66
Grand Totals:				178,215.31

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
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Dated: _____

Mayor: _____

City Council: _____

City Recorder: _____

Report Criteria:

Detail report.

Invoices with totals above \$0.00 included.

Paid and unpaid invoices included.

Invoice Detail.GL account (2 Characters) = "61","62"



Lake Geneva Utility Commission

MUNICIPAL WATER AND WASTEWATER SERVICES

361 W Main Street
P.O. Box 187
Lake Geneva, WI 53147
262-248-2311
www.lgutilitycommission.com

Dennis Lyon – President
Josh Gajewski – Utility Director
Jeff Ecklund – Water Superintendent
Ken Bauman – Wastewater Superintendent

TO: Lake Geneva Utility Commission
FROM: Josh Gajewski, Utility Director
SUBJECT: February 2024 Director's Report

OPERATIONS UPDATE

WATER OPERATIONS

Staff responded to a water main break on Hillcrest Dr. near Timber Ln. on the morning February 10th. Repairs were completed by early evening and service was restored the same day.

UCMR compliance sampling through the EPA for PFAS analysis has been scheduled March 1, 2024.

The pump and well work initiated in 2023 is nearing completion, the Plant B pump has been reinstated, Well 5 is expected to be online within a week, and the Dodge boost pump should be reinstalled by the end of February.

WASTEWATER OPERATIONS

Crews responded to another Big Foot lift station force main break on January 10th. More information will be provided under the noticed agenda item for February's meeting.

Numerous projects and tasks are underway, including service for influent pump #6, obtaining quotes for valve(s) replacement at both the Big Foot and LaGrange lift stations, service to the Big Foot lift station pumps, and updates to GIS records.

OFFICE & ADMINISTRATION

Staff across the Utility have continued working on various year-end reports and met with representatives of Lauterbach & Amen on January 26th to begin work on the 2023 audit. L&A plans to be on-site to complete the audit fieldwork during the week of March 11th and 18th.

Staff received correspondence from Pioneer Estates regarding the Water and Sanitary Sewer Agreements. A response to that correspondence is being drafted by staff and is anticipated to be sent to Pioneer by the end of February. Updates will be provided to the Commission as they become available.

FEBRUARY 2024 UTILITY COMMISSION AGENDA - BACKGROUND INFORMATION

9. UPDATE: Big Foot Lift Station Force Main Project

The Utility experienced another failure of the force main on 1/28/2024, which is the 7th incident since 2020. As a result of the ongoing issues, the WDNR issued the Utility a Notice of Noncompliance, a copy of which has been included in packets for Commission review.

Since that time, staff has reached out to engineering to expedite the design and bidding process wherever it may be possible. Understanding the renewed urgency, surveying of the proposed relocation project corridor was completed during the week of 2/12/2024, and engineering anticipates being able to start design within the coming weeks.

Status update only - No formal action is recommended or requested by staff at this time.

10. Grand Geneva Resort & Spa Service Request – Employee Dormitory Building

Staff has prepared a separate memo regarding this item, which is included in packets for Commission review.

Staff recommendations are contained in the memo provided in packets.

11. STH 50 Utility Improvements

As discussed previously, staff and engineering continued working to develop a preliminary scope of recommended utility projects along the WisDOT STH 50/Main Street Project corridor. Revisions to mapping documents and preliminary cost estimates have been updated by engineering, and a new memo summarizing the ongoing evaluations has been prepared, which are all included in packets for Commission review.

The next step of the project would be to obtain Commission direction on the scope of proposed improvements, which would then be relayed to WisDOT for consideration and continued coordination with their project scope. Concurrently, staff would request direction on having a scope developed for design, bidding, and construction-related services with engineering to ensure we can match the project's timeline requirements.

Action is recommended by staff to approve the preliminary scope of proposed utility improvements along the STH 50 / Main Street project corridor.

12. Resolution 2024-01 – Amending the Utility Rate Schedule

As part of the migration of Pioneer Estates customers to a quarterly billing interval, staff has prepared a resolution regarding the revisions to the Utility's Rate Schedule. The revisions made to the fees in the Sewer Fixed – Suburban section of the schedule now align with a three-month billing period, rather than the previous monthly schedule. There is no change to the cumulative fixed fee that a Suburban Sewer Customer will be charged.

Action is recommended by staff to approve Resolution 2024-01.

13. Acceptance of Water and Sewer Improvements – Stone Ridge Phase 3

The referenced utility improvements were installed along N Stone Ridge Dr., Ridgeway Pt., and Wild Ridge Dr. in 2022. The Developer has requested to initiate the process for dedication of the related improvements to the Utility. An itemized inventory of the improvements and a letter of recommendation from Kapur have been prepared and are included for Commission review.

Action is recommended to accept the water and sanitary sewer improvements that have been completed for Phase 3 of the Stone Ridge Development.

14. Distribution System Leak Survey

Over recent years the Utility has experienced a substantial amount of unaccounted-for, or non-revenue water within the distribution system. The Utility has utilized the services of various subcontractors to perform leak surveys of the distribution system, utilizing sounding and correlation equipment to find any leaks within the system that aren't apparent above ground. While we've had some success in finding leaks, we have also struggled to obtain interest in performing a comprehensive system survey.

Recently, M.E. Simpson, who had done similar work for the Utility more than 15 years ago, was contacted to provide a proposal for a comprehensive system leak survey in an effort to reduce non-revenue water.

The Utility had budgeted \$20,000 in 2023 for a survey but was unable to secure a contractor to perform the work. \$20,000 was also budgeted in 2024 for a system survey. To fund the total proposed cost, staff recommends using a combination of operating reserves and budgetary allocations. If approved, staff will prepare a budget amendment for future Commission action.

Action is recommended to approve the proposal provided by M.E. Simpson for a distribution leak survey, with funding to be assigned from operating reserves and budgetary funding; and to direct staff to prepare a budgetary amendment for future Commission consideration.

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
 1027 W St Paul Ave
 Milwaukee WI, 53233

Tony Evers, Governor

Telephone 608-266-2621
 Toll Free 1-888-936-7463
 TTY Access via relay - 711



February 9, 2024

Josh Gajewski, Utility Director
 P.O. Box 187
 Lake Geneva WI, 53147
 via email only

Subject: NOTICE OF NONCOMPLIANCE – Sanitary Sewer Overflows
 Lake Geneva Wastewater Treatment Plant; WPDES Permit #WI-0021130-10-0

Dear Mr. Gajewski:

This Notice of Noncompliance is being sent in response to a violation of your Wisconsin Pollutant Discharge Elimination System (WPDES) permit conditions. Specifically, a Sanitary Sewer Overflow (SSO) occurred from the Bigfoot lift station force main on September 18, October 2, and December 20th, 2023. Another SSO occurred in the same area on January 25, 2024. Subsection 6.3.1.1 of the WPDES permit and section NR 210.21 Wis. Adm. Code, prohibits any overflows in the collection system. The table below summarizes the permit violations.

Violation Date	Location	Overflow Amount	Violation Description
September 18, 2023	2400 S Lake Shore Dr	500 gallons	Sanitary Sewer Overflow
October 2, 2023	Elm St	50 gallons	Sanitary Sewer Overflow
December 20, 2023	1220 S Lake Shore Dr	25 gallons	Sanitary Sewer Overflow
January 25, 2024	2400 S Lake Shore Dr	500 gallons	Sanitary Sewer Overflow

These SSOs were all reported as needed, and temporary corrective actions have been completed. A review of reporting from the City of Lake Geneva (City) shows that the underlying issue for the Elm St SSO is unknown, and the 2023 Lake Shore Dr SSOs were potentially caused by large and oddly shaped rocks found in the area that were used to backfill around the main. These conditions may have led to an exterior pipe coating failure over time. Upon discovery, the voids were all corrected with a stainless-steel repair sleeve, where needed, the surrounding area was filled back in with 3/4" stone and compacted in lifts to reduce the potential of future pipe movement. The force main remains in service. Based on this information, the Department of Natural Resources (department) has concluded that the overflow occurred with the following condition:

- NR 210.21 (1)(d), Wis. Adm. Code - The sanitary sewer overflow or the sewage treatment facility overflow was unintentional, temporary, and caused by an accident or other factors beyond the reasonable control of the permittee.

Due to the age of the infrastructure and the number of issues in recent years, the City is in the process of planning, engineering, and budgeting for the replacement of the Bigfoot lift station force main in the 2024 budget year. In response to this notice of noncompliance, the City is required to provide a progress report on these matters to the department by April 9, 2024. If you have any questions, please contact me (Nick Lent) at (414) 897 - 5723 or nicholas.lent@wisconsin.gov.

Sincerely,

Nick Lent
 Wastewater Engineer

E-cc: Ken Bauman



Lake Geneva Utility Commission

MUNICIPAL WATER AND WASTEWATER SERVICES

361 W Main Street
P.O. Box 187
Lake Geneva, WI 53147
262-248-2311
www.lgutilitycommission.com

Dennis Lyon – President
Josh Gajewski – Utility Director
Jeff Ecklund – Water Superintendent
Ken Bauman – Wastewater Superintendent

DATE: February 15, 2024
TO: Lake Geneva Utility Commission
FROM: Josh Gajewski, Utility Director
SUBJECT: Grand Geneva Resort & Spa – Water Service Request – Employee Dormitory

BACKGROUND

At the January Commission meeting, staff provided a summary of a request for municipal water service made by the Grand Geneva Resort & Spa (GGR) for an employee dormitory building currently under construction.

At that time, staff had worked with engineering to evaluate available capacity within the water distribution system, specific to the existing domestic demand of the GGR campus and the proposed dormitory building. Preliminary findings of the existing and proposed domestic demand indicated that there was capacity available in the Utility's existing infrastructure for domestic service.

On staff's recommendation, the Commission tabled GGR's service request in January to allow for a thorough review of public and private fire protection demands related to the existing and proposed development.

RECENT WORK

Since the January meeting, work continued with engineering to have multiple fire flow demands at various locations along the Utility's water main and within the GGR campus modeled.

The data generated from the modeling work has been summarized in a set of maps that represent each flow event and the related effects at the remaining locations within the modeled area. The modeled data has been shared with GGR representatives and reviewed through various meetings and discussions. Staff also voiced their desire to initiate long-term capacity and capital planning efforts with GGR, given their prominence as an existing customer, their potential for future development, and improvements that are available to increase the reliability and resiliency of their service from the Utility.

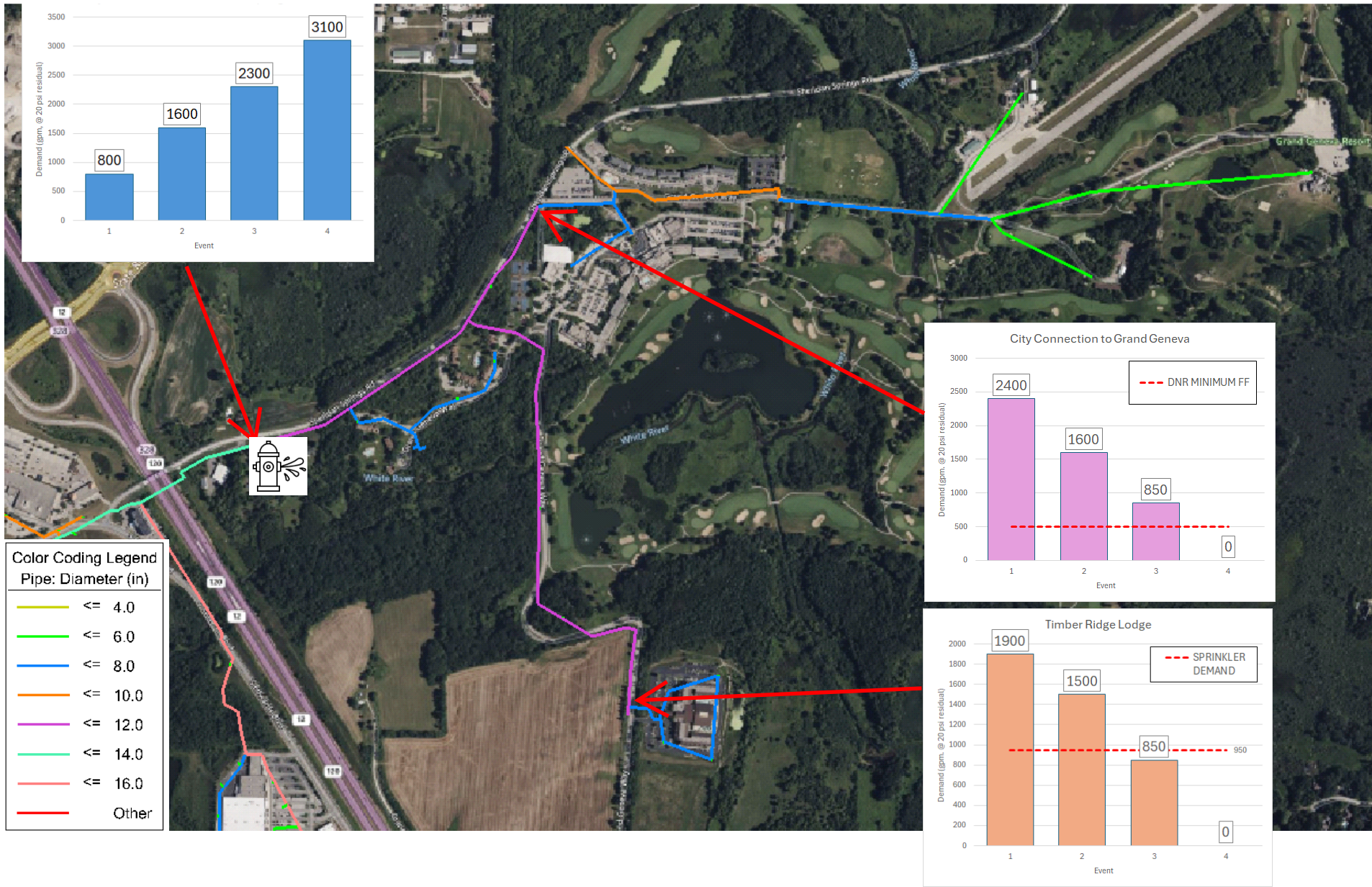
The general takeaway from the analysis and modeling work is that there is capacity available in the Utility's existing infrastructure to permit the requested connection.

RECOMMENDED ACTION

Staff suggests the Commission authorize the water service request by Grand Geneva Resort & Spa for an employee dormitory and recommend to the Common Council that approval for service outside the City of Lake Geneva be granted.

AVAILABLE WATER SUPPLY SCENARIOS

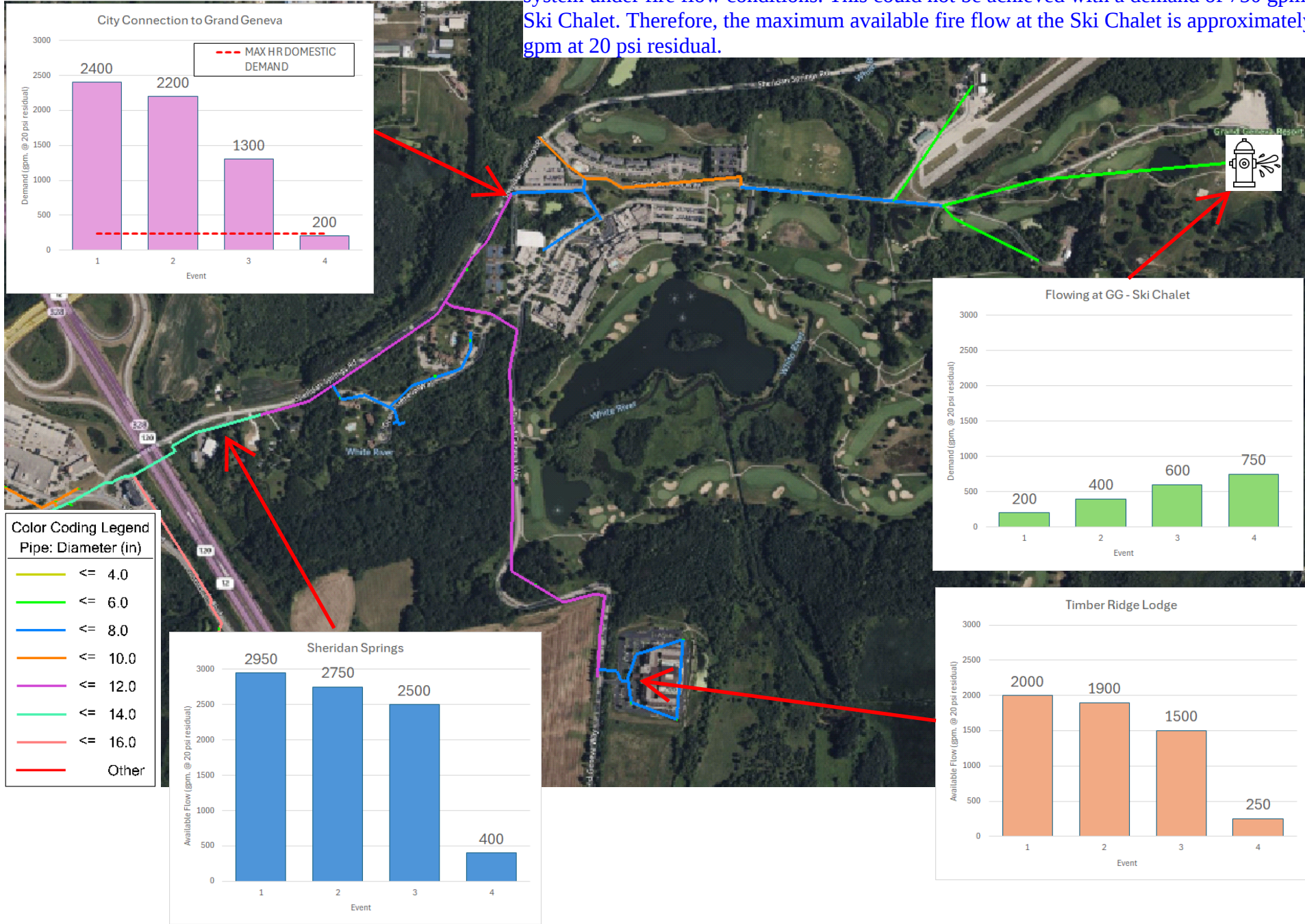
- Assumes 4 Different Water Demands along Sheridan Springs Watermain and the Corresponding Effects to Grand Geneva Resort and Timber Ridge Lodge
February 2, 2024 MSA #07815011



AVAILABLE WATER SUPPLY SCENARIOS

- Assumes 4 Different Water Demands at the Grand Geneva Ski Chalet and the Corresponding Effects to Grand Geneva Resort, Timber Ridge Lodge, and Sheridan Springs Road
February 8, 2024 MSA #07815011

Note: For Event #4- the model could not be run to completion due to the 750 gpm demand at the Ski Chalet. A boundary condition of the model is to maintain 20 psi throughout the distribution system under fire flow conditions. This could not be achieved with a demand of 750 gpm at the Ski Chalet. Therefore, the maximum available fire flow at the Ski Chalet is approximately 600 gpm at 20 psi residual.





To: Josh Gajewski, Utilities Director, Lake Geneva Utilities
From: Joe DeYoung, P.E. Project Manager, MSA
Subject: STH 50 Utilities Evaluation – Final Recommendation
Date: February 15, 2024

Background

The Wisconsin Department of Transportation (WDOT) is planning to reconstruct STH 50 through the City of Lake Geneva in 2027-2028. To minimize future costs and disturbance, Lake Geneva Utilities (LGU) is seeking to upgrade and/or relocate water and sanitary sewer utilities within this corridor. LGU asked MSA to evaluate the existing utilities to determine if improvements can be made in terms of capacity, condition, alignment, and expanding the service area for future development. This memo is an updated evaluation from previous work completed in April 2023.

MSA is currently assuming that the WisDOT project will be completed in two-phases. For LGU and MSA, our preference is for the utility improvements be completed during each phase of the project and during the same year of road reconstruction. Although the utility improvements vary throughout the project, we anticipate being adaptable to the WisDOT project limits and being able to coordinate with the project engineers. This will still require support from the WisDOT to complete the project jointly.

Water Utilities

The City is considering recommendations to add a 700 gpm fire pump to the existing Dodge Booster Station, as well as add a new booster station capable of pumping of a minimum of 210 gpm to supply a new high pressure zone west of the City limits (Northwest HPZ).

One alternative to this recommendation is to relocate the Dodge Booster Station to an area near the west side of the City limits and along the STH 50 corridor. The relocated booster station could also house pumps to supply the new Northwest HPZ, as well as a pressure reducing valve (PRV) to allow back feeding the LPZ.

As long as this alternative is a consideration, the Utility should plan watermain improvements to provide adequate supply side pressure and flow for a future booster station. A minimum flow of 1,810 gpm (1,610 gpm for the Dodge HPZ plus 210 gpm for the future Northwest HPZ) should be targeted. Based on this target, a 12-inch main from Elmwood to the west end of the City limits does not appear to be adequate.

If a booster station at this location is not being considered, then 12-inch watermain to the western ends of the City would be adequate. A 12-inch watermain would provide flexibility to extend fire protection and water service west of the City limits. However, as watermain is extended west, ground elevation becomes limiting to meet NR 811 code for pressure and flow requirements.

A map of the existing and proposed water (WAT) utilities in this corridor is attached. Below is a summary of the analysis and recommendations for various alternatives considered.

West Water Project – Upsize Watermain (Forest to Warren)

1702 PANKRATZ STREET, MADISON, WI 53704
P (608) 242-7779 • TF (800) 446-0679 • F (608) 242-5664
WWW.MSA-PS.COM

MEMO

February 7, 2024

1. This includes the installation of a watermain along STH 50 from Forest St to Warren St. The estimated cost includes 16" diameter watermain for budgetary purposes. If it is determined that a future booster station near Forest and STH 50 is not needed, than the size of this watermain can be reduced to 12" diameter. It was assumed that open cut construction would be used.

East Water Project – Upsize Watermain (Broad to Water Treatment Plant)

1. This estimate includes the installation of a watermain along STH 50 from Broad St. to the WTP. The estimated cost includes 16" diameter watermain for budgetary purposes. It was assumed that open cut construction would be used.

Sanitary Sewer Utilities

A map of the existing sanitary sewer (SAN) utilities in this corridor is attached. The sanitary sewer is located within the corridor and also crosses this corridor in several critical locations. Below is a summary of the analysis and recommendations for various alternatives considered.

East Sewer Project - Sewer Crossings on STH 50 between S. Lake Shore Drive and Country Club Drive

MSA previously evaluated this area in 2023, and maintains the same recommendations provide:

1. **Install a 36" casing next to the existing 18" SAN near South Lake Shore Drive.** This would provide flexibility for LGU to potentially upsize this interceptor crossing and route future southside growth through this corridor.
2. **Realign crossing east of Wells St.** Recommendation is to replace this existing 8" SAN to straighten out the alignment between manholes J7059 to J7054. It may be prudent to upsize this pipe from 8" to 10" or 12" diameter to provide flexibility.
3. **Replace Manholes in this area.** Based upon realignment of sewer, replace the manholes or adjustment of castings is anticipated.

West Sewer Project - Replacement of SAN west of Maxwell

MSA previously evaluated the alternative of installing deep interceptor sewer from the west end of the City and connecting to the existing sewer on Main St. at the intersection of Elmwood Drive. The purpose would be to serve potential development to the west of the City, and to abandon the existing 15" Lake North Interceptor that along Geneva Lake. Based on further discussion with LGU, this alternative was eliminated from further consideration due to cost, disturbance to private property, and because the existing interceptor has additional service life & capacity remaining. The following are the updated recommendations for this area:

1. **Replace existing SAN between Maxwell St. and up Elmwood Ave.** According to LGU, a section of sewer that runs on Elmwood Ave from Main St. sags or is displaced. LGU would like to replace this section. To facilitate this replacement, MSA recommends the connecting section on Main St. to Maxwell St. (where it connects to the Lake North Interceptor) be replaced and inverts lowered to facilitate the correcting the sagged sewer on Elmwood Ave. It would be prudent to upsize to 10" or 12" to provide flexibility for future growth.
2. **Realign SAN near intersection of Main St. & Lake View Dr.** Recommendation is to replace this existing 8" SAN to straighten out and simplify the alignment at this intersection including SAN between Forest St. and Sky Lane Dr.
3. **SAN from Forest St. west to high point. This is for future planning only and to accommodate sanitary and water service to the west of existing City limits along STH 50.** MSA recommends that LGU take advantage of the highway reconstruction, and the topography, to extend SAN to the high point (approximately 3,500-4,000 LF). This extension would maximize the service area without commissioning another pump station.

Further growth west of the City would be served via the other sanitary interceptors. Additional system modeling identified that the further growth west of the City not directly adjacent to STH 50 could be served via the Conant St. and/or Dodge St. interceptors, and would likely require an additional pump station.

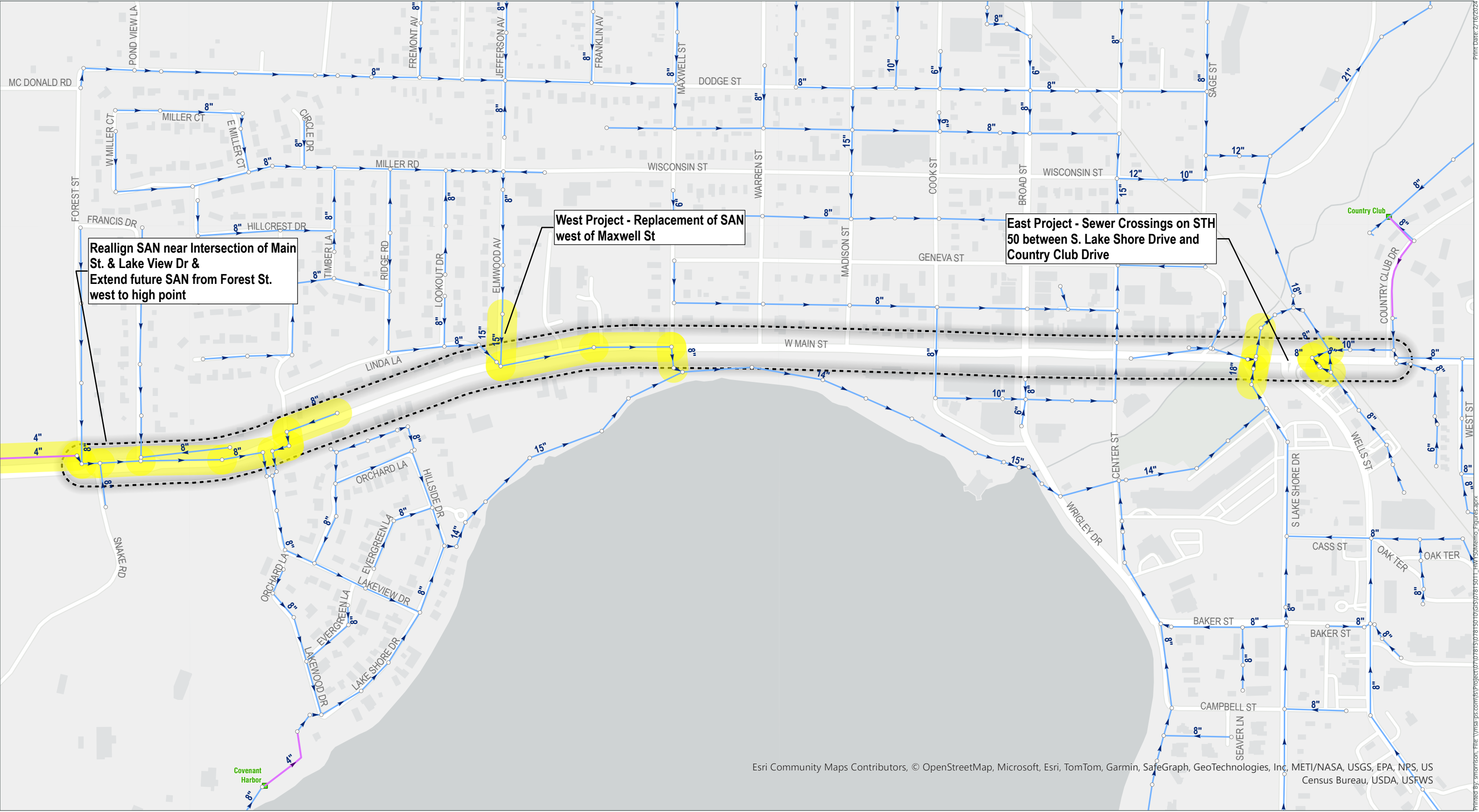
MEMO

February 7, 2024

Project Cost Estimates

Below are cost estimates for the updated recommendations. Costs include estimates for construction, contingency, and engineering.

<i>Project</i>	<i>Estimated Cost</i>	<i>Comments</i>
<i>West Sewer Project (Elmwood & Lakeview areas)</i>	<i>\$1,190,000</i>	<i>Sanitary sewer relay within STH 50</i>
<i>East Sewer Project (close to LGU offices)</i>	<i>\$400,000</i>	<i>Casing pipe and realignment</i>
<i>West Sewer Project Extension to High Point</i>	<i>\$750,000</i>	<i>8-inch extension(future)</i>
<i>East Water Project (Broad to WTP)</i>	<i>\$921,000</i>	<i>Assumes 16" Watermain</i>
<i>West Water Project (Forest to Warren)</i>	<i>\$1,513,000</i>	<i>Assumes 16" Watermain</i>

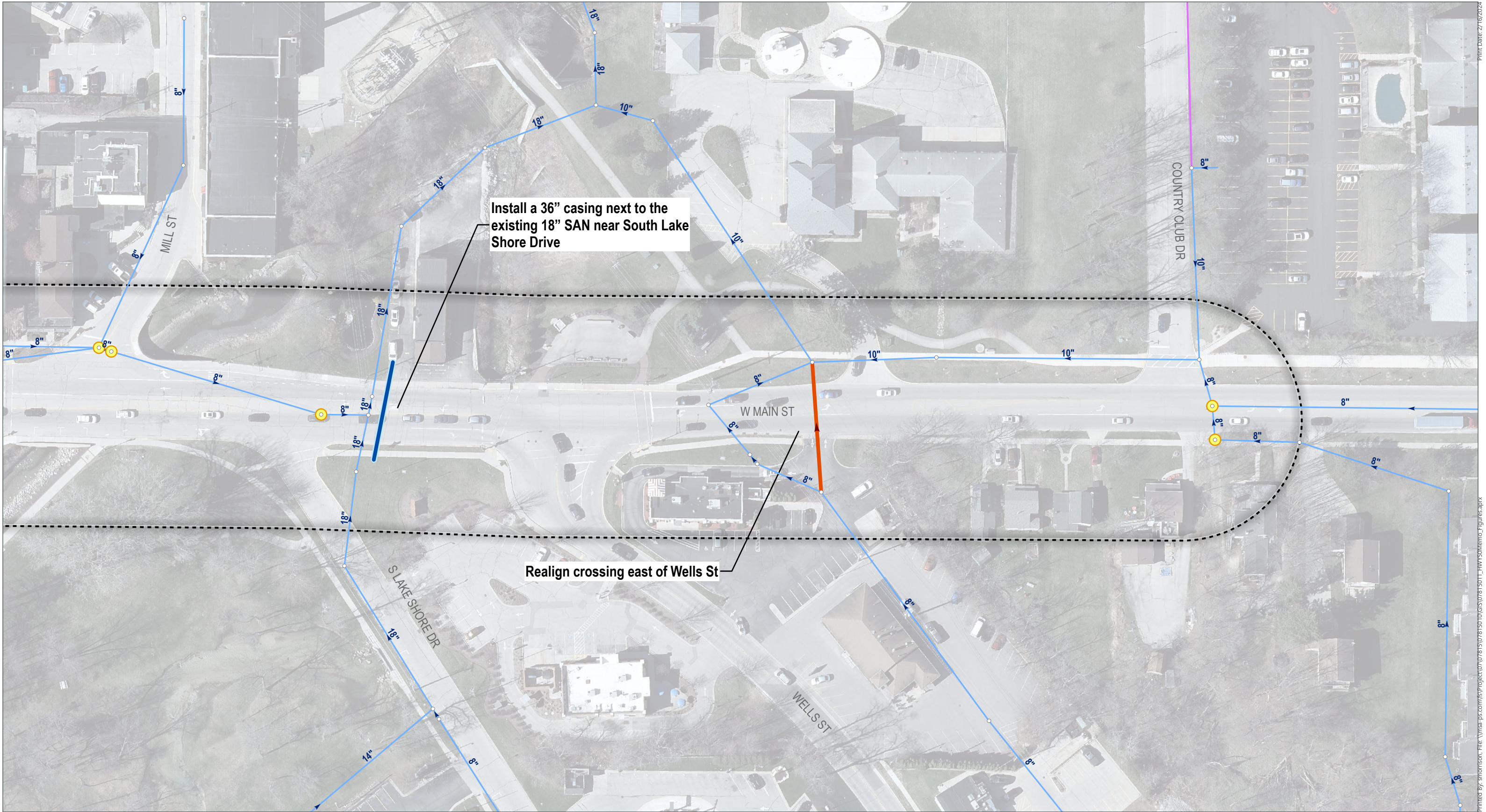


- HWY 50 Corridor
- Manhole
- Lift Station
- Force Main
- Gravity Main
- Sanitary Sewer Mains to Improve



Existing Sanitary System

W Main St/ HWY50
Lake Geneva
Walworth County, WI



- HWY 50 Corridor
- Lift Station
- Manhole

- Force Main
- Gravity Main
- Potential manhole adjustments

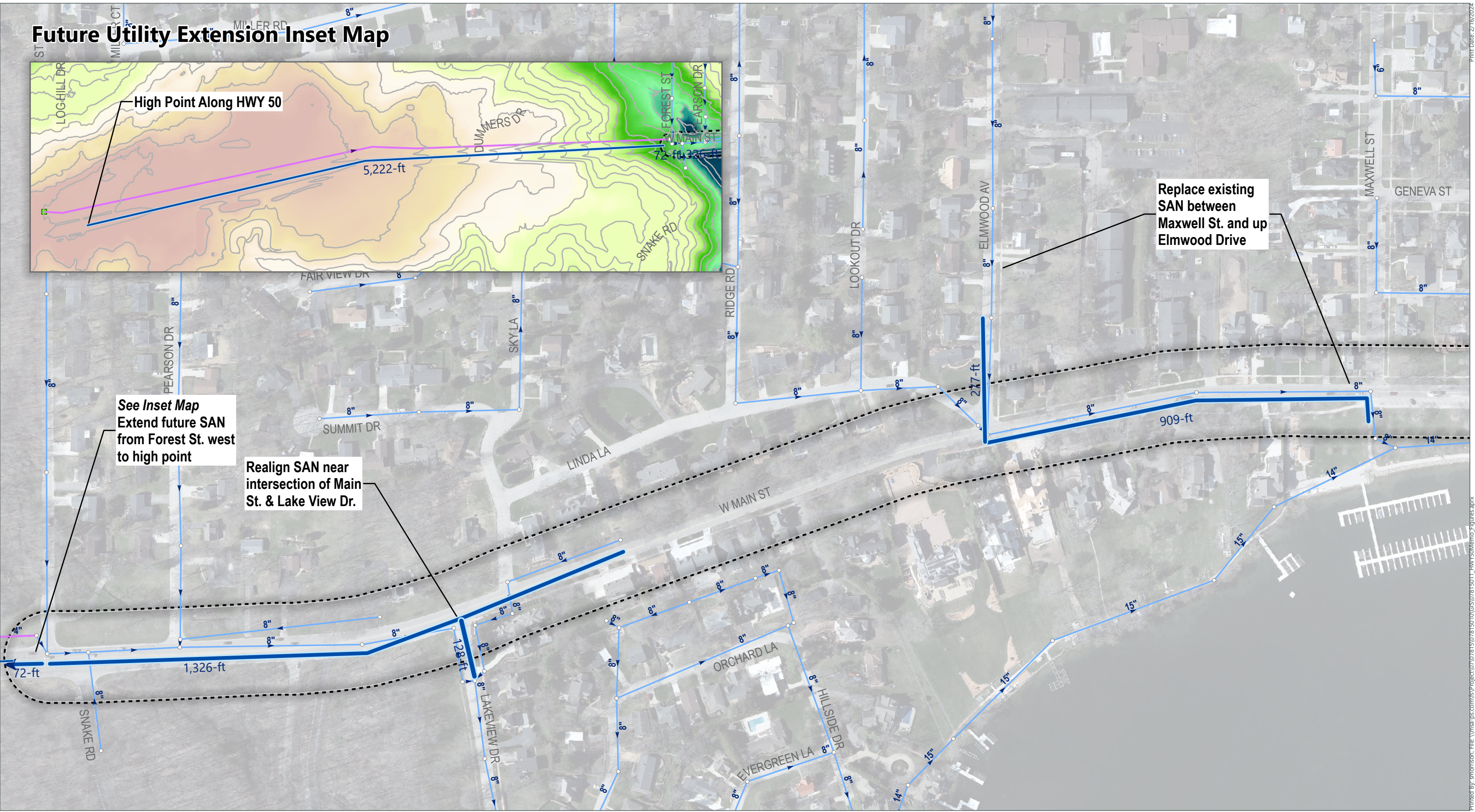
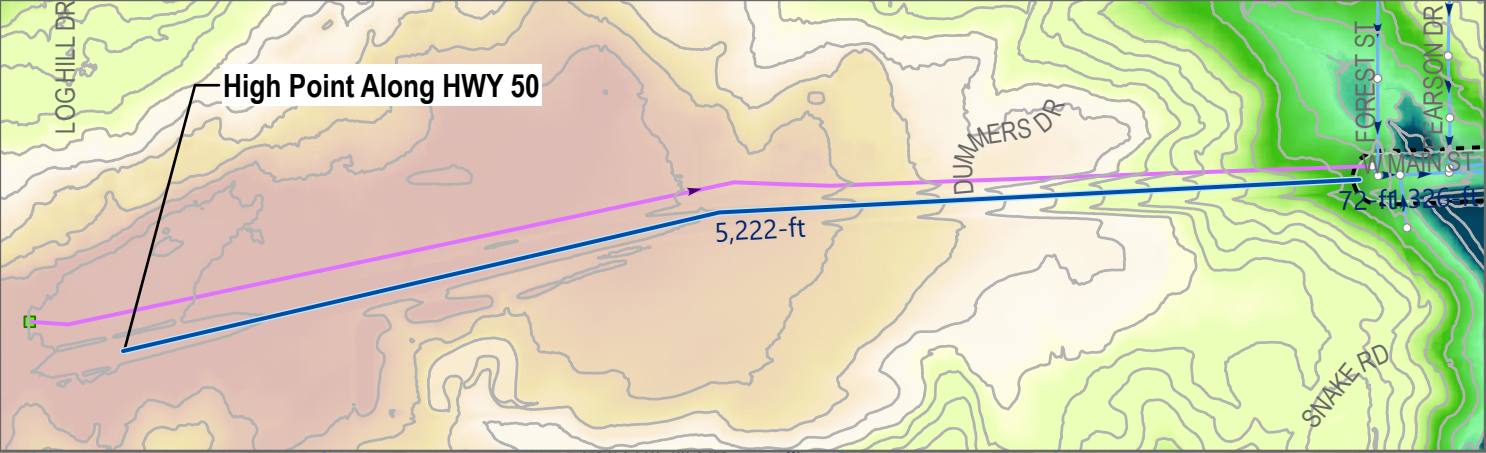
- Force Main
- Proposed Alignment

East Project - Sanitary System

W Main St/ HWY50
Lake Geneva
Walworth County, WI



Future Utility Extension Inset Map



Replace existing
SAN between
Maxwell St. and up
Elmwood Drive

See Inset Map
Extend future SAN
from Forest St. west
to high point

Realign SAN near
intersection of Main
St. & Lake View Dr.



- HWY 50 Corridor
- Force Main
- Gravity Main
- Manhole
- Lift Station
- 10-ft Contour

West Project - Sanitary System
W Main St/ HWY50
Lake Geneva
Walworth County, WI

Print Date: 2/10/2025
Printed By: smorrison, File: \\msa-fps.com\\stproject\\070781507815010GIS\\07815011_FHW50memo_figures.aprx

STATE OF WISCONSIN
WALWORTH COUNTY
CITY OF LAKE GENEVA
UTILITY COMMISSION

RESOLUTION NO. 2024- 01

A Resolution Amending the Fixed Charges for Suburban Sewer Service

WHEREAS, the City of Lake Geneva Utility Commission has completed a review of its customer charges and billing cycles for the treatment and disposal of wastewater discharged into the municipal sewerage collection and treatment system, and

WHEREAS, based on its review, Suburban Sewer Customers were transitioned from monthly billing to quarterly billing to improve efficiencies by unifying the Utility's customer billing and collections activities, and

WHEREAS, the Utility's Schedule of Rates requires updating to reflect a three-month period of billing of fixed charges for Suburban Sewer Customers, and

WHEREAS, section 78.314 of the Municipal Code of the City of Lake Geneva, Wisconsin authorizes the Utility Commission to set sewer service charges from time to time.

NOW, THEREFORE, BE IT HEREBY RESOLVED that the Utility Commission of the City of Lake Geneva does hereby establish the following Sewer Service Charges as outlined in the City of Lake Geneva, Wisconsin – Utility Commission Municipal Water and Wastewater Rates.

BE IT FURTHER RESOLVED that the new rates shall be effective on the 1st day of March 2024 and that a copy of this resolution shall be on file in the offices of the City Clerk and the Director of Utilities.

Adopted this 20th day of February 2024 on a ____ - ____ vote.

CITY OF LAKE GENEVA
UTILITY COMMISSION

By: _____
Dennis Lyon, President

Attest: _____
Jo Busch, Utilities Coordinator

To Be Published: February 29, 2024 and March 7, 2024
Posted: February 20, 2024



City of Lake Geneva, Wisconsin
Utility Commission
Municipal Water and Wastewater Rates
Office: 262-248-2311 Emergency: 262-248-4455

All water rates in this section effective as of December 9, 2019
(PSC Docket 2980-WQ-101)

Water Fixed	
Meter Size	Quarterly Charge
5/8"	\$19.10
3/4"	\$19.10
1"	\$27.06
1.25"	\$35.01
1.5"	\$44.56
2"	\$66.84
3"	\$114.58
4"	\$175.05
6"	\$366.01
8"	\$572.89
10"	\$827.50
12"	\$1,034.38

Water Volume Charge	
Amount of Usage	Charge
First 12,900 cubic ft.	\$2.39 / 100 cubic ft.
Next 87,000 cubic ft.	\$1.85 / 100 cubic ft.
Over 99,900 cubic ft.	\$1.60 / 100 cubic ft.

Non-Sufficient Funds Fee
A charge of \$35 will be issued for payments that are not honored by a customer's financial institution.

Reconnection &/or Missed Appointment Charge	
During Normal Business Hours	\$25
Outside of Normal Business Hours	\$50

Public Fire Protection	
Meter Size	Quarterly Charge
5/8"	\$11.45
3/4"	\$11.45
1"	\$28.64
1.25"	\$44.56
1.5"	\$57.29
2"	\$92.30
3"	\$175.05
4"	\$286.44
6"	\$576.07
8"	\$919.80
10"	\$1,381.29
12"	\$1,839.60

Private Fire Protection	
Connection Size	Quarterly Charge
2" or smaller	\$18.75
3" connection	\$36.00
4" connection	\$60.00
6" connection	\$117.00
8" connection	\$189.00
10" connection	\$285.00
12" connection	\$375.00
14" connection	\$468.00
16" connection	\$561.00

Interest on Past Due Accounts
1% interest will be charged monthly on balance that is past due, including late fees.

Please contact the Lake Geneva Utility Commission at (262) 248-2311 or stop in our office at 361 Main St. for information on additional Wisconsin Public Service Commission regulated tariff charges and policies not shown in this summary.

All sewer rates in this subsection effective as of March 1, 2024

Sewer Fixed - City	
Meter Size	Quarterly Charge
5/8"	\$16.25
3/4"	\$20.06
1"	\$23.88
1.25"	\$31.50
1.5"	\$42.94
2"	\$62.00
3"	\$115.38
4"	\$184.00
6"	\$275.50
8"	\$428.00

Sewer Volume Charge - City	
\$4.10 / 100 cubic ft. of usage	

Sewer Fixed - Suburban	
Meter Size	Quarterly Charge
5/8"	\$20.06
3/4"	\$24.83
1"	\$29.60
1.25"	\$39.13
1.5"	\$53.43
2"	\$77.25
3"	\$143.98
4"	\$229.75
6"	\$344.13
8"	\$534.75

Sewer Volume Charge - Suburban	
\$5.12 / 100 cubic ft. of usage	

Please contact the Lake Geneva Utility Commission at (262) 248-2311, or stop in our office at 361 Main St. for a detailed listing of charges and/or fees for utility services that may not shown in this rate summary.



1224 Pine Street
Burlington, WI 53105
T: 262.767.2747 • F: 414.351.4117

Memo to City of Lake Geneva

To: Josh Gajewski – Utility Director **Date:** January 10, 2024

From: Naomi Rauch, P.E.
262-758-6032

CC: Dave Nord – City Administrator
Dan Draper – City Attorney
Mike Timmers P.E. – Kapur & Associates, Inc.

Subject: Stoneridge Phase 3 – Utility Approval Recommendation

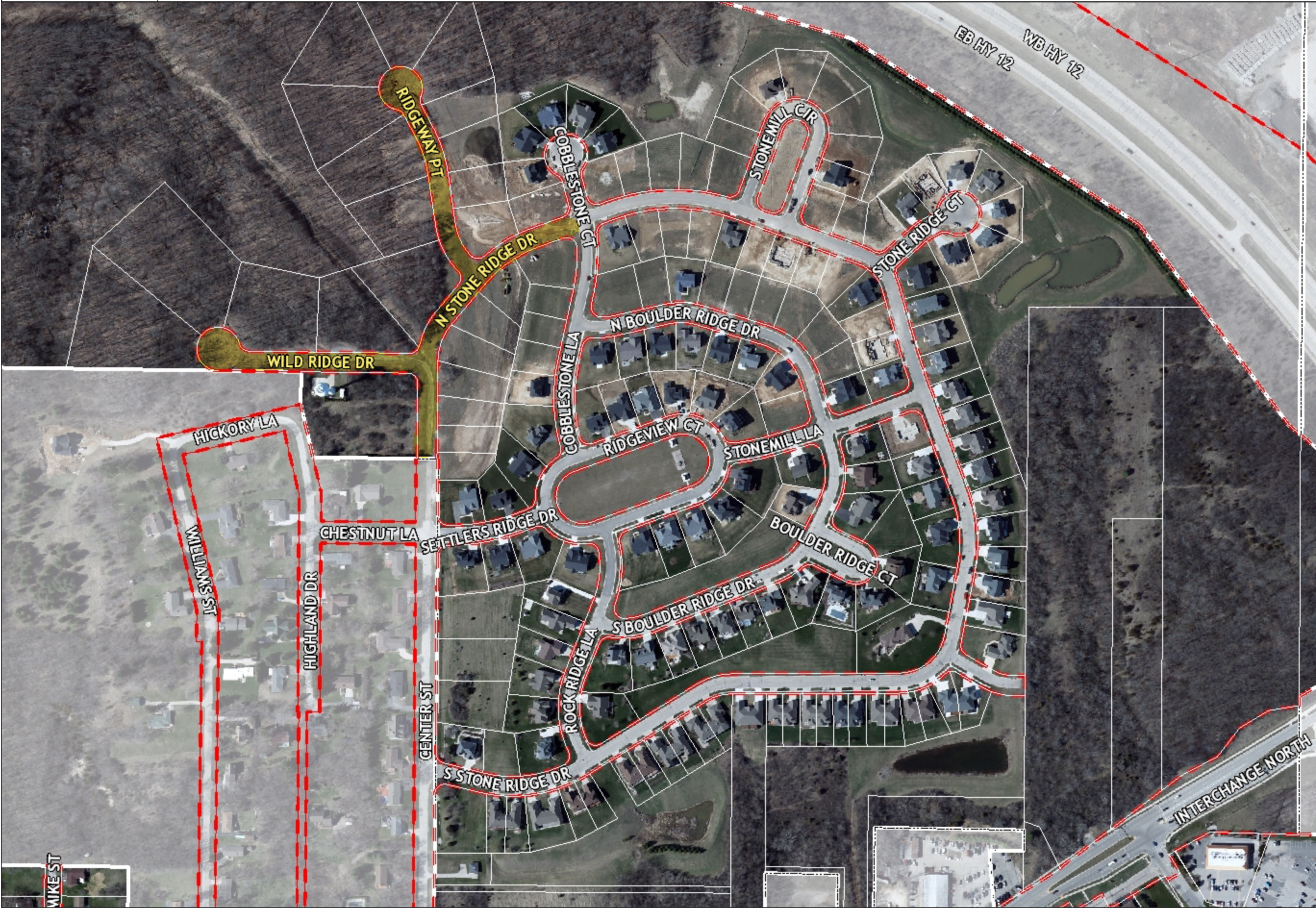
The utility items have been completed in Stoneridge Phase 3.

The sanitary sewer, water main, and fire hydrants, within the public rights of way, have been installed, tested, and approved pursuant to State of Wisconsin and City of Lake Geneva standards and approved construction documents for the above listed project. The Developer remains responsible for painting of the new hydrants and repouring of 3 concrete pads for sanitary forcemain cleanouts. A financial surety has been retained for the required painting and concrete work. Inspection and testing of utility installation has been completed and all utility as-built drawings have been received, reviewed, and approved.

The work has been acceptably completed and it is Kapur's recommendation that the public improvements be accepted as public infrastructure.

The general list of roadways that are recommended for acceptance include: Stone Ridge Drive (West of Cobblestone Lane to Center Street) Ridgeway Point (Stone Ridge Drive to Termini), and Wild Ridge Drive (Stone Ridge Drive to Termini). The City currently retains a letter of credit in the amount of **\$240,435.30** that covers the required maintenance bond of 20% of the improvements per the developer's agreement. A summary of the utility infrastructure that will be added to the City's inventory is attached.

If you have any questions or comments, please feel free to contact me!



Legend

- Street Names
- Private Roads
- County Municipalities
- Tax Parcels (Air Photo)
- General Parcels For Documents
- Alley
- Right-Of-Way
- Hydrology
- ETZ
- City Limits
- Imagery_2022
- Red: Band_1
- Green: Band_2
- Blue: Band_3

Data on this map may or may not be accurate, current, or otherwise reliable. For reference only.

Note

0 223.35 446.7

Feet

© Kapur and Associates, Inc.

01/08/2024

CITY OF LAKE GENEVA - WATERMAIN ACCEPTED IN 2023

Prepared by: Kapur & Associates, Inc.

Stone Ridge Phase 3 (installed in 2022)

Location	6" Hydrant Lead (LF)	6" PVC Main (LF)	8" PVC Main (LF)	6" Wat. Hyd. Valve (EA)	8" Water Valve (EA)	Hydrant (EA)
Stone Ridge Dr. - (STA 39+75) to Existing Stub (STA 45+84)	13.5	0.0	609.0	1.0	2.0	1.0
Ridgeway Pt. - (STA 0+45) Termini to (STA 7+13)	18.5	0.0	699.0	2.0	1.0	2.0
Wild Ridge Dr. - (STA 0+10) Termini to EX 6" Gate Valve (STA 3+60.8)	3.0	350.0	0.0	1.0	0.0	1.0
Quantity Total	35.0	350.0	1308.0	4.0	3.0	4.0
Estimated cost per unit	\$ 60.00	\$ 54.00	\$ 65.00	\$ 1,350.00	\$ 1,500.00	\$ 3,000.00
Cost Total	\$ 2,100.00	\$ 18,900.00	\$ 85,020.00	\$ 5,400.00	\$ 4,500.00	\$ 12,000.00

TOTAL WATERMAIN COST \$ - ACCEPTED IN 2023**\$ 127,920.00**

CITY OF LAKE GENEVA - WATER SERVICES* ACCEPTED 2023

Prepared by: Kapur & Associates, Inc.

Stone Ridge Phase 3 (installed in 2022)

Location	1" HDPE Service (LF)	Curb & Corp Stops (EA)
Wild Ridge Dr. - Lot #1	49.6	1.0
Wild Ridge Dr. - Lot #2	45.0	1.0
Wild Ridge Dr. - Lot #3	24.0	1.0
Wild Ridge Dr. - Lot #4	24.0	1.0
Ridgeway Pt. - Lot #5	38.0	1.0
Ridgeway Pt. - Lot #6	38.0	1.0
Ridgeway Pt. - Lot #7	38.0	1.0
Ridgeway Pt. - Lot #8	75.0	1.0
Ridgeway Pt. - Lot #9	68.0	1.0
Ridgeway Pt. - Lot #10	50.0	1.0
Ridgeway Pt. - Lot #11	56.0	1.0
Ridgeway Pt. - Lot #12	24.0	1.0
Ridgeway Pt. - Lot #13	24.0	1.0
Ridgeway Pt. - Lot #14	23.0	1.0
Ridgeway Pt. - Lot #15	26.0	1.0
Center St. - Lot #148	39.0	1.0
Center St. - Lot #147	37.0	1.0
Center St. - Lot #146	40.0	1.0
Quantity Total	718.6	18.0
Estimated cost per unit	\$ 41.00	\$ 700.00
Cost Total	\$ 29,462.60	\$ 12,600.00

TOTAL WATER SERVICES COST \$ - ACCEPTED 2023 \$ 42,062.60**NOTE: Water Service lengths are measured to Right of Way*

CITY OF LAKE GENEVA - SANITARY SEWER ACCEPTED IN 2023

Prepared by: Kapur & Associates, Inc.

Stone Ridge Phase 3 (installed in 2022)

Location	4" PVC Lateral (LF)	1.5" PVC Lateral (LF)	2" HDPE Forcemain(LF)	8" PVC Main (LF)	48" SAN MH (EA)	Forcemain Cleanout(EA)
Ridgeway Pt. - FROM SAN MH 402 to SAN MH 403	0	0	0.0	127.0	1.0	0.0
Ridgeway Pt. - FROM SAN MH 403 to SAN MH 404	0	0.0	0.0	170.0	1.0	0.0
Ridgeway Pt. - FROM SAN MH 404 to SAN CLEANOUT (STA 0+42.67)	0	0.0	424.0	0.0	0.0	1.0
Wild Ridge Dr. - FROM EX SAN MH to SAN CLEANOUT (STA 0+10.00)	0	0.0	782.0	0.0	0.0	2.0
Stone Ridge Dr.- EX SAN STUB STA (STA 45+84) to SAN MH 401	0	0.0	0.0	54.0	1.0	0.0
Stone Ridge Dr.- SAN MH 401 to SAN MH 402	0	0.0	0.0	228.0	1.0	0.0
Wild Ridge Dr. - Lot #1	0	5.0	0.0	0.0	0.0	0.0
Wild Ridge Dr. - Lot #2	0	44.0	0.0	0.0	0.0	0.0
Wild Ridge Dr. - Lot #3	0	54.0	0.0	0.0	0.0	0.0
Wild Ridge Dr. - Lot #4	121	0.0	0.0	0.0	0.0	0.0
Ridgeway Pt. - Lot #5	29	0.0	0.0	0.0	0.0	0.0
Ridgeway Pt. - Lot #6	30	0.0	0.0	0.0	0.0	0.0
Ridgeway Pt. - Lot #7	0	7.0	0.0	0.0	0.0	0.0
Ridgeway Pt. - Lot #8	0	5.0	0.0	0.0	0.0	0.0
Ridgeway Pt. - Lot #9	0	7.0	0.0	0.0	0.0	0.0
Ridgeway Pt. - Lot #10	0	39.0	0.0	0.0	0.0	0.0
Ridgeway Pt. - Lot #11	0	121.0	0.0	0.0	0.0	0.0
Ridgeway Pt. - Lot #12	0	54.0	0.0	0.0	0.0	0.0
Ridgeway Pt. - Lot #13	0	54.0	0.0	0.0	0.0	0.0
Ridgeway Pt. - Lot #14	31	0.0	0.0	0.0	0.0	0.0
Ridgeway Pt. - Lot #15	33	0.0	0.0	0.0	0.0	0.0
Stone Ridge Dr - Lot #148	30.0	0.0	0.0	0.0	0.0	0.0
Stone Ridge Dr - Lot #147	27.0	0.0	0.0	0.0	0.0	0.0
Stone Ridge Dr - Lot #146	31.0	0.0	0.0	0.0	0.0	0.0
Quantity Total	332.0	390.0	1206.0	579.0	4.0	3.0
Estimated cost per unit	\$80.00	\$ 80.00	\$ 50.00	\$ 95.00	\$ 3,500.00	\$ 1,000.00
Cost Total	\$ 26,560.00	\$ 31,200.00	\$ 60,300.00	\$ 55,005.00	\$ 14,000.00	\$ 3,000.00

TOTAL SANITARY SEWER COST \$ - ACCEPTED IN 2023

\$

190,065.00

\$158,865



February 1, 2024

Mr. Jeff Ecklund
Water Superintendent
Lake Geneva Water Commission
361 w. Main St.
Lake Geneva, WI 53147

RE: PROPOSAL FOR A WATER DISTRIBUTION SYSTEM LEAK SURVEY

Dear Mr. Ecklund,

M.E. Simpson Co., Inc. is pleased to present the Lake Geneva Utility Commission our proposal for a Water Distribution System Leak Detection Survey Program. We are honored to be considered for this work and are confident our team will help make the project a success.

M.E. Simpson Co., Inc. is a Professional Services Firm dedicated to developing and providing programs and services designed to maximize peak performance for our clients' water distribution systems. Many of these programs are universally recognized as a part of "Best Management Practices" (BMPs) for utilities. We pride ourselves on delivering solid solutions using the highest quality technical and professional services by way of state-of-the-art technology and a skilled and well-trained staff of professionals. Our highly-educated engineers and technical team are committed to the success of this project. They will be ready at a moment's notice to relieve your staff's burden and ensure a seamless continuation of your services.

Our services were developed and refined to provide utilities with programs that can be customized to meet their needs. From complete "Turn-Key" services to assisting with the development of "in-house" programs for utilities, M.E. Simpson Co., Inc. serves our clients with this ultimate goal: to deliver to the public the implicit faith that **"the water is always safe to drink"**.

Thank you for your consideration and this opportunity to acquaint you with our Water Distribution System Leak Detection Services and offer this response. We are committed to exceeding your expectations.

Sincerely,

Joe Nepras
Regional Manager

Joe Nepras
Regional Manager

3406 Enterprise Avenue
Valparaiso, IN 46383

800.255.1521 P
888.531.2444 F

Joen@mesimpson.com

SCOPE OF WORK

Water Distribution System Leak Survey

The Field Scope of Service for the Leak Survey is understood to be the following:

M.E. Simpson Co., Inc. will furnish all labor, material, transportation, tools, and equipment necessary to survey the water distribution system areas selected by the City. M.E. Simpson Co., Inc. shall be required to provide such skilled and trained personnel and equipment necessary to complete the work herein specified. **There will be a minimum of Two Persons per team working on the survey at all times.**

- 💧 Work in an orderly and **safe** manner to ensure protection of the local residents, Utility employees, and the Field Staff so that no **avoidable** accidents occur.
- 💧 All Field Staff will have readily observable identification badges worn while in the field.
- 💧 The leak detection equipment to be used will be that which was described in the “Equipment to be used” section.
- 💧 Initially listen to **all fire hydrants, all accessible main line valves**, and when necessary, selected service connections in the entire distribution system by making physical contact with the valve, hydrant, pipe, or B-box. (Listening points that are not accessible will be given to the Utility and when corrected they will be listened to.)
- 💧 Listening points of contact will be: valves, hydrants, service valves or meter settings. The preference of listening points in order as follows; direct contact with the pipe, main line valves, hydrant valves, hydrants, then service valves or meter settings.
- 💧 Specific listening distances will be determined by pipe material. Metallic type pipes; no greater than 500’ between listening points. Non-Metallic AC/Concrete type pipes; no greater than 300’ between listening points. Non-Metallic PVC/HDPE type pipes; no greater than 150’ between listening points.
- 💧 A “suspected leak” log shall be maintained indicating all areas where suspected leak noise was heard. This log will be reviewed when the Project Team is verifying the suspected leak area for confirmation of the actual existence of a leak. This log will be a part of the periodic reports turned into the Utility regardless of an actual leak located in the area or not, **with an explanation of the noise source.**
- 💧 When leak noise has been detected and or suspected, the Project Team will verify the suspected area a second time to confirm the noise. At least four hours will pass between the initial listening of the area before a second listen and confirmation is attempted.
- 💧 The Project Team will **line locate** the water main and service lines in the immediate area so the correct pipe distances can be input into the leak correlator and also so that the Water Utility will have an idea of where the water main is located prior to excavation. Non-metallic pipe locations will be “interpolated” as best that can be identified, given the line location of metallic services, Utility knowledge of the area, or other information regarding the actual location of the main.

- ◆ The Project Team will use “State of the Art” Electronic Leak Correlators to determine if a leak is present and use the same equipment to pinpoint the leak.
- ◆ For PVC water mains only the Echologics LeakFinder-ST w/hydrophones leak correlator or Fluid Conservation Systems (FCS) TriCorr Touch leak correlator, will be used for correlations because of the ability for these correlators to be able to analyze the particular sound frequencies inherent to PVC pipe.
- ◆ The leak location will be marked in the field (on the surface) using environmentally formulated Precautionary Blue paint.
- ◆ The Project Team will document all leak locations with a diagram indicating the location of the leak. Other information related to that correlation will be included as part of the field sheet such as the filters used for the correlation, line locations, distances between sensors, etc.
- ◆ The locations of leaks requiring immediate attention (immediate threat to life, injury or traffic) will be turned in as quickly as possible to facilitate the repair process.
- ◆ The Project Team will report daily or per request of the Utility, to assigned Utility Professional and go over the progress of the previous day, as well as cover what will be surveyed the current day.
- ◆ It may be necessary to conduct parts of the Leak Survey during “off hours” such as at night. This may be required in areas of high traffic volume where traffic noise may affect the ability to detect leak noise, and traffic volume may affect the ability of the Project Team to be able to safely access main line valves in the middle of the street. The Project Team will give 24-hour advanced notice of intent to survey a particular area that may require after hours surveying or nighttime surveying. This is so the Utility can plan for the area to be surveyed, give notification to the Police department, as well as other Public Works Divisions as to the activity that will take place.
- ◆ As a part of the leak program, mapping discrepancies found, distribution assets found in disrepair will be noted and turned into the utility.
- ◆ Leaks verified on the customer’s side of a service shut-off will not be located beyond the shut-off. If a leak appears to be on the Customers’ side, the Utility will be notified first, then the customer notified and permission granted prior to the water being shut off even for short periods of time where possible and as time allows, as well as the ability for the customer to respond.
- ◆ If the Utility requests leak locations beyond the service shut off on the customer’s side of the service line, this will result in an additional charge to the leak survey based on an hourly rate and this service must be agreed upon between the Utility and M.E. Simpson Co., Inc. prior to the start of the survey.
- ◆ Valves and hydrants will not be operated without Utility permission. Valves and hydrants that break during this type of operation are the sole responsibility of the Utility. M.E. Simpson Co., Inc. cannot be responsible for valves and hydrants that break due to pre-existing conditions.

- ◆ The Utility is encouraged to dig up and repair the leaks located as soon as possible so that the area may be re-surveyed while the Project Team is still working on the survey in that general geographical location to ensure no other leaks are present in that area.

Equipment List

- ◆ FCS **S30** Gutermann **AquaScope** electronically enhanced listening device.
- ◆ Echologics **LeakFinder-ST w/hydrophones**; FCS **AC Digital**, **TriCorr Touch** or Vivax-Metrotech **HL6000X** leak correlator systems.
- ◆ **RADIO Detection** Line Locators.
- ◆ **Chicago Tape**, **Fisher M-Scope** or **Schonstedt** magnetic locators.
- ◆ **All necessary valve keys and hand tools**
- ◆ Truck mounted arrow board/signage and warning lights.
- ◆ Traffic control equipment, including properly sized traffic cones with reflective stripes.

Quality Control and Accuracy of Leak Locations

The level of accuracy of leak detection is a matter of taking in all the above considerations and applying those considerations to each individual potential leak location as it is being evaluated. Any statement made as to the level of accuracy of leak locations must be considered based on the individual conditions of each leak.

Locating leaks on a distribution system can be very challenging. It is not a perfect science. Pipes and fittings can leak for a variety of reasons (age, poor installation, material failures, bad soils, etc.), and the ability to locate leaks is dependent on the stated variables listed in the “Project Approach”. By employing a strict methodology in the field for conducting a leak survey, these variables can be accounted for and mitigated. The depth of experience of the Project Team is extremely important to maintaining the ability to have accurate locations of leaks. Additionally, crews work as Two-Person Teams in the field, double checking the progress of the work as the survey progresses. The systematic procedure for leak confirmation has been stated in the Scope of Field Service and is restated here.

“Suspected leak areas are always listened to a second time, preferably at a different time of day than originally listened to. The mains and services will be line located to ensure correct pipe distances are used for the correlations. Correlations may need to be performed several times with several configurations to insure all the possible scenarios have been covered. Sewer manholes may need to be opened and flows observed. If there is any doubt as to the existence of a leak, the area may be checked and correlated at different times to rule out water usage or other factors. The progress of the survey will be monitored by the use of daily logs and a progression map with suspected leak noise indications marked and possible leak locations will be maintained. Field leak location forms will be turned into the Utility according to the agreed schedule. The Project Team will follow up on leak locations by monitoring the repair schedule of the Utility. That way in case a potential leak location is wrong, the Project Team can return to the site and determine why the leak location was incorrect, and correct it. This means maintaining a good level of communication between the Project Team in the field, and the Utility.

As a matter of Quality Control for leaks in the field, our Correlators, FCS TriCorr Touch and Echologics LeakFinder-ST have the distinct ability to be able to detect and pinpoint more than one leak in the same relative area, thus allowing better leak coverage and insuring that one leak is not “masking” another leak in the same area. The use of progress reports and meetings will allow for open discussions of problems encountered so solutions can be examined.”

Utility Observations

The M.E. Simpson Co., Inc. Project Team will welcome having staff of the Utility observe field procedures while the Leak Survey is in progress. They will be happy to explain and demonstrate the equipment and techniques that are employed by M.E. Simpson Co., Inc. for detecting and locating leaks on the Water System.

Final Reports, Documentations & Communications

M.E. Simpson Co, Inc. will perform the following:

- 💧 Project Team will **meet daily** with assigned Utility personnel to go over areas of survey for prior workday and plan current day and area to survey.
- 💧 The field technicians will be readily available by cellular phone. This will facilitate communications between the Utility and the field technicians. A **24-hour toll-free 800 number** is available for direct contact with M.E. Simpson Co., Inc. for emergencies.
- 💧 **Diagram all leak locations**, date of location, and classify according to severity and an estimate of loss.
- 💧 **The Project Manager will** meet with the Utility regularly for a progress report.
- 💧 **Prepare a progress report** at monthly intervals for the Utility if requested.
- 💧 Develop a **Leak Survey log** of activity which will also have confirmed leaks listed and this list will be turned in weekly (in Excel format). The list will also be included with the final report that will include the following;
 1. Mechanical deficiencies discovered
 2. Mapping errors on the water atlas
 3. Type of monitored appurtenances
 4. Location of same for leaks discovered
 5. Total estimated loss

Effective communication...
accurate documentation...
**Insuring the success for
the leak survey**

- ◆ **Prepare the final report** at the completion of the project which will include all leak location reports with drawings, total of estimated water loss, total pipe distance investigated, a description of the area surveyed, and other problems found in the system during the course of the survey that need the attention of the Water Utility. The leak summary will list leak types such as main leaks, service line leaks, valve leaks, or hydrant leaks.

A cost benefit analysis of the survey based on the “cost to produce” water will also be included that describes the financial impact to the Utility for water loss. Recommendations for system maintenance will be a part of this report based on field observations made during the survey.

This final report shall be made available for submission to the Utility within thirty (30) working days of the completion of the fieldwork.

Assumptions & Services Provided by the Utility

- ◆ The Utility will furnish all maps in an electronic format or paper atlases (two copies), and records necessary to properly conduct the survey.
- ◆ The Utility will assist as necessary to clean out service valves, meter pits and valve-boxes needed for listening.
- ◆ The Utility will provide a Primary Contact Person and/or secondary contact person for the Field Staff to report to on a periodic basis. This person shall act as the official liaison for the duration of the Leak Survey. This person shall have a working knowledge of the water system and will be helpful in attempting to locate particularly hard-to-find water valves for listening and for general information about the water system. *This person will not need to assist the Project Team on a full-time basis*, but only on an “as needed” basis.
- ◆ The Utility will assist, if needed, to help gain entry into sites that may be difficult to get into due to security issues or other concerns.
- ◆ The Utility will assist, if needed, to locate all nonmetallic pipe within the service area. This would include all Concrete Cylinder pipe, Asbestos Cement Pipe, PVC pipe and HDPE pipe.
- ◆ We will encourage the immediate digging of major leaks (main breaks) so that if there are problems with the leak location, the problems can be corrected while the Project Team is close by and can verify the site.

PROJECT SAFETY PLAN

M.E. Simpson Co., Inc.'s Safety Programs cover all aspects of the work performed by M.E. Simpson Co., Inc. We take great pride in our safety plan/policy/program and that is evident in our EMR scores over the last five years. The safety of our employees, the utilities employees and that of the general public is our #1 priority.

Our Safety Plan/Policy/Program, with all of its parts, is 60 pages in length. In an effort to be more efficient and less wasteful we do not print copies of the safety program for RFPs. There is nothing secretive or proprietary contained within our plan/policy/program and we are happy to share its contents. If you would like a PDF copy of our plan/policy/program please contact Terrence Williams, Operations Manager, at 800.255.1521 and a copy of our program will be sent via email to you.

Below is an overview of our plan/policy/program:



Safety is a major part of any project. M.E. Simpson Co., Inc. always provides a safe work environment for its employees. **Our staff is trained in General Industry OSHA rules, Confined Space Entry & Self-Rescue, First Responder First Aid, CPR, and Traffic Control.**

While in the field on your project, M.E. Simpson Co., Inc. and its employees will follow all of the necessary safety procedures to protect themselves, your staff and the general public.

M.E. Simpson Co., Inc. uses Two-Man Teams for Safety and Quality Assurance.

The use of a "one-person" leak detection team is dangerous and impractical where water mains run under roadways. It would be a dangerous precedent to allow a "one-person" team to access main line valves located in the roadway, attempt to listen to the valve with headphones on, and at the same time try to control traffic flow at that person's location in the street.

Therefore M.E. Simpson Co., Inc. adheres to the following:

- The Project Manager and the Field Manager will be trained in accordance with OSHA Standard 1910 (General Industry) and be in possession of an OSHA 10 Hour or 30 Hour Card.
- Any listening points located in a "confined space" such as pit and vault installations that require entry will be treated in accordance with the safety rules regarding **Confined Space Entry, designated by the Utility, The Department of Labor and OSHA.**
 - All personnel are **trained and certified** in Confined Space Entry & Self-Rescue.
- We will follow all safety rules regarding **First Responder First Aid & CPR, designated by the Utility, The Department of Labor and OSHA.**
 - All personnel are **trained and certified** in First Responder First Aid & CPR.
- We will follow all **traffic safety rules, designated by the Utility, The Department of Labor, OSHA, and the Illinois Department of Transportation (per MUTCD).**
 - All personnel are **trained and certified**, by the **AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA)** in Traffic Control and Safety.

Current documentations of safety training and certifications can be provided for all project personnel for the Utility. These certifications are current and up to date for all project personnel.

INVESTMENT

A commitment to improving and maximizing the Lake Geneva Utility Commission's water distribution system for future generations.

M.E. Simpson Co., Inc. is pleased to present our "Proposal" for a Water Distribution System Leak Detection program for the Lake Geneva Utility Commission. M.E. Simpson Co., Inc. will perform our leak detection services on approximately 69 miles of watermain within the Lake Geneva Utility Commission's water distribution system. The survey will be completed by listening on the accessible main line valves, fire hydrants and as needed services by one of our two-man teams with all necessary equipment furnished by M.E. Simpson Co., Inc. as described within this document. The project will also include complete reporting of all issues found, with a final comprehensive report.

2024 Leak Survey

Water Distribution System Leak Survey Program Fee – Metallic	\$16,450.00
50 Miles of Metallic Water main Daily Fee of \$2,350.00 Per Day	

Water Distribution System Leak Survey Program Daily Fee – Non-metallic	\$23,500.00
19 Miles of Non – Metallic Water main Daily Fee of \$2,350.00 Per Day	

Water Distribution System Leak Survey Program Fee total	\$39,950.00**
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** Any water main surveyed in addition to the above 69 original miles of watermain will be surveyed at the rate of \$2,350.00. Per Day

We thank you for this opportunity to acquaint you with our Water Distribution System Leak Detection services and offer this proposal. If you have further inquiries or you wish to discuss our service in more detail, do not hesitate to call us.

M.E Simpson Co Inc.

City of Lake Geneva, WI / Owner



Date: 2/1/2024

Joe Nepras
Regional Manager

Date:_____

Lake Geneva Utility Commission
City Administrator/Representative