

# WATER RATE CALCULATION REPORT

APRIL 2023'



Prepared By:

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YOUR RATE EVALUATION SHOULD BE REVIEWED BY A CERTIFIED FINANCIAL PLANNER AND YOUR ATTORNEY

<b>BACKGROUND / STARTING INFORMATION</b>	
Name of Community :	Grand Ledge Water
PHYSICAL ADDRESS	310 Greenwood St.
MAILING?	
ZIP CODE	48837
OFFICE PHONE NUMBER	517-627-2149
Can information in this report be used and submitted for USDA Rural Development (Similar Systems Survey)	Yes
BUDGET FOR FISCAL YEARS <u>STARTING</u>	2023
PRIMARY WATER SOURCE	WELLS
PRIMARY TREATMENT TYPE	NO/LOW TREATMENT CHLORINE
PRIMARY DISTRIBUTION TYPE	BOOSTER PUMPS/PRESSURE REDUCING
WATER SYSTEM IMPROVEMENTS COMPLETED OVER LAST TEN YEARS	Mains, Wells, Tower Restoration
PRIMARY WASTEWATER COLLECTION TYPE	Sanitary Sewer
PRIMARY WASTEWATER TREATMENT TYPE	WWTP
MAJOR WASTEWATER SYSTEM IMPROVEMENTS COMPLETED LAST 10 YRS	
MAJOR SYSTEM IMPROVEMENT PLANS FOR NEXT 10 YRS	New Plant
<b><u>Current Rate Structure</u></b>	
Are bills based on 1,000 gallons units or 100 cubic feet units?	1,000
Number of Customer Invoices per Year	12
What are the dates of the Fiscal Year	7/1-6/30
List the names of the different Entities Served OR RATE CLASSES - Originating Entity - RATE CLASS 1	City Water < 4,000
2nd Entity	City Water > 4,000
3rd Entity	Township < 4,000
4th Entity	Township > 4,000
5th Entity	
6th Entity	

Grand Ledge Water				
CURRENT RATE CHARGES & NUMBER OF CUSTOMERS				
Customers Are Invoiced MONTHLY PER				
City Water < 4,000				
TYPE OF WATER UNITS	1,000 GALLONS			
COST PER 1,000 GAL.	\$5.50			
INVOICES PER YEAR	12			
METER SIZE IN INCHES	CURRENT "BASE RATE" CHARGE	NUMBER OF METERS / REU'S	INVOICES PER YEAR	ANNUAL INCOME
3/4	\$31.35	2823	12	\$1,062,013
1	\$78.40	41	12	\$38,573
1 1/2	\$156.75	33	12	\$62,073
2	\$250.81	43	12	\$129,418
3	\$470.26	6	12	\$33,859
4	\$783.87	3	12	\$28,219
6	\$1,567.99	1	12	\$18,816
8	\$3,135.00		12	\$0
<b>TOTALS</b>		<b>2950</b>		<b>\$1,372,970</b>

City Water > 4,000						
TYPE OF WATER UNITS	1,000 GALLONS	Ratio Entity # 2 vs. 1				
COST PER WATER UNIT	\$7.45		1.35			
INVOICES PER YEAR	12					
METER SIZE IN INCHES	CURRENT "BASE RATE" CHARGE	Ratio Entity # 2 vs. 1	Ratio Entity # 2 vs. 1	NUMBER OF METERS / REU'S	INVOICES PER YEAR	ANNUAL INCOME
3/4		0.00	0.00		12	\$0
1		0.00			12	\$0
1 1/2		0.00			12	\$0
2		0.00			12	\$0
3		0.00			12	\$0
4		0.00			12	\$0
6		0.00			12	\$0
8		0.00			12	\$0
				<b>0</b>		<b>\$0</b>

MICHIGAN RURAL WATER ASSOCIATION RATE EVALUATION PROGRAM

**METER EQUIVALENTS BY SIZE AND COST RATIO**

100%

2023 YEAR 1	CURRENT CHARGES RATE CLASS 1		RATE CLASS 2		RATE CLASS 3	RATE CLASS 5	RATE CLASS 6				
	City Water < 4,000		City Water > 4,000		Township < 4,000	0	0				
METER SIZE IN INCHES	NUMBER OF METERS / REU'S	INVOICE FREQUENCY	NUMBER OF METERS / REU'S	INVOICE FREQUENCY	NUMBER OF METERS / REU'S	NUMBER OF METERS / REU'S	NUMBER OF METERS / REU'S	TOTAL CUSTOMERS ALL ENTITIES	SELECTED METER EQUIVALENT	CALCULATED METER EQUIVALENT USED	ANNUAL METER EQUIVALENTS
3/4	2823	12	0	12	399	0	0	3222	1.00	1.00	41,058
1	41	12	0	12	16	0	0	57	2.50	2.50	1,951
1 1/2	33	12	0	12	0	0	0	33	5.00	5.00	1,980
2	43	12	0	12	2	0	0	45	8.00	8.00	4,416
3	6	12	0	12	2	0	0	8	15.00	15.00	1,620
4	3	12	0	12	0	0	0	3	25.00	25.00	900
6	1	12	0	12	0	0	0	1	50.02	50.02	600
8	0	12	0	12	0	0	0	0	80.00	80.00	
<b>TOTAL</b>	<b>2950</b>		<b>0</b>		<b>419</b>	<b>0</b>	<b>0</b>	<b>3369</b>			
<b>ANNUAL METER EQUIVALENTS USED FOR RATE CALCULATION</b>										<b>52,525</b>	

UNITS OF WATER INVOICED TO CUSTOMERS										FOR THIS EVALUATION WE WILL USE THE <b>MINIMUM YEAR</b>				
City Water < 4,000	USAGE REPORTED IN <b>GALLONS</b>													
	USAGE REPORTED IN <b>CALENDAR YEARS</b>													
	2018	2019	2020	2021	2022	COST PER UNIT	REVENUE	PERCENT OF USE	AVERAGE	MAX. YEAR	MIN. YEAR	PERCENT DIFFERENCE FROM MAX. TO MIN. YEAR	ANTICIPATED PERCENT INCREASE NEXT YEAR	UNITS USED IN RATE EVALUATION
City Water < 4,000	92,028,700	98,853,500	92,842,000	93,964,400	93,083,000	\$5.50	\$511,957	46.4%	94,154,320	98,853,500	92,028,700	7%	-0.9%	92,856,958
City Water > 4,000	90,247,500	90,876,500	85,189,400	83,069,200	85,486,900	\$7.45	\$636,877	42.6%	86,973,900	90,876,500	83,069,200	9%	-0.9%	83,816,823
Township < 4,000	13,897,000	15,183,400	14,415,100	14,316,800	13,928,500	\$8.25	\$114,910	6.9%	14,220,133	15,183,400	13,897,000	8%	-0.9%	14,022,073
Township > 4,000	9,063,300	8,094,900	9,294,700	7,751,900	8,080,600	\$11.18	\$90,301	4.0%	8,457,080	9,294,700	7,751,900	17%	-0.9%	7,821,667
<b>TOTALS</b>	<b>205,236,500</b>	<b>213,008,300</b>	<b>201,741,200</b>	<b>199,102,300</b>	<b>200,579,000</b>		<b>\$1,354,045</b>		<b>203,805,433</b>	<b>214,208,100</b>	<b>196,746,800</b>	<b>10%</b>		<b>198,517,521</b>
WAS AN ELECTRONIC COPY OF THE ORIGINAL KEPT ?										GALLONS / VOLUME USED FOR EVALUATION				
										<b>198,517,521</b>				

<b>CURRENT REVENUE BASED ON CURRENT RATE CHARGES</b>							
Grand Ledge Water							<b>2023</b>
	RATE CLASS 2	RATE CLASS 3	RATE CLASS 4	RATE CLASS 5	RATE CLASS 6		
	City Water < 4,000	City Water > 4,000	Township < 4,000	Township > 4,000	\$0.00	\$0.00	REVENUE
	New Cost per Unit of Water Sold						NEW RATES
\$ PER 1,000 GAL.	\$5.500	\$7.450	\$8.250	\$11.175	\$11.175	\$11.175	
UNITS Sold	93,083	85,487	13,929	8,081	0	0	200,579
Income	\$511,957	\$636,877	\$114,910	\$90,301	\$0	\$0	\$1,354,045
METER SIZE	NEW BASE RATE PER MONTH						
3/4	\$31.350	\$0.000	\$47.025	\$0.000	\$0.000	\$0.000	
NO. CUSTOMERS	2,823	0	399	0	0	0	
INCOME	\$1,062,012.60	\$0.00	\$225,155.70	\$0.00	\$0.00	\$0.00	\$1,287,168
1	\$78.40	\$0.00	\$117.60	\$0.00	\$0.00	\$0.00	
NO. CUSTOMERS	41	0	16	0	0	0	
INCOME	\$38,572.80	\$0.00	\$22,579.20	\$0.00	\$0.00	\$0.00	\$61,152
1 1/2	\$156.75	\$0.00	\$235.13	\$0.00	\$0.00	\$0.00	
NO. CUSTOMERS	33	0	0	0	0	0	
INCOME	\$62,073.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$62,073
2	\$250.81	\$0.00	\$376.22	\$0.00	\$0.00	\$0.00	
NO. CUSTOMERS	43	0	2	0	0	0	
INVOICES PER YEAR	12	12	12	12	12	12	
ANNUAL INVOICES	516	0	24	0	0	0	
INCOME	\$129,417.96	\$0.00	\$9,029.16	\$0.00	\$0.00	\$0.00	\$138,447
3	\$470.26	\$0.00	\$705.39	\$0.00	\$0.00	\$0.00	
NO. CUSTOMERS	6	0	2	0	0	0	
INVOICES PER YEAR	12	12	12	12	12	12	
ANNUAL INVOICES	72	0	24	0	0	0	
INCOME	\$33,858.72	\$0.00	\$16,929.36	\$0.00	\$0.00	\$0.00	\$50,788
4	\$783.87	\$0.00	\$1,175.81	\$0.00	\$0.00	\$0.00	
NO. CUSTOMERS	3	0	0	0	0	0	
INVOICES PER YEAR	12	12	12	12	12	12	
ANNUAL INVOICES	36	0	0	0	0	0	
INCOME	\$28,219.32	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$28,219
6	\$1,567.99	\$0.00	\$2,351.99	\$0.00	\$0.00	\$0.00	
NO. CUSTOMERS	1	0	0	0	0	0	
INVOICES PER YEAR	12	12	12	12	12	12	
ANNUAL INVOICES	12	0	0	0	0	0	
INCOME	\$18,815.88	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18,816
CURRENT Fixed Income "RTS"							\$1,646,664
CURRENT VOLUME "UNITS WATER INVOICED" INCOME							\$1,354,045
<b>CURRENT INCOME - GENERATED WITH CURRENT RATES RTS &amp; UNITS INVOICED</b>							<b>\$3,000,708</b>
LAST YEARS NON-SALES INCOME							\$127,771
LAST YEARS TOTAL COMBINED INCOME							\$3,128,479

MICHIGAN RURAL WATER ASSOCIATION RATE EVALUATION PROGRAM

<b>TOTAL REVENUE GENERATED LAST FISCAL YEAR WITHOUT WHOLE SALES CUSTOMERS</b>				<b>\$3,128,479</b>
<b>Grand Ledge Water</b>				
<b>NON-SALES &amp; OTHER REVENUE</b>	<b>2021 ACTUAL</b>	<b>2022 ACTUAL</b>	<b>2018/2019</b>	<b>2023</b>
628.000 OPERATIONAL REVENUES	\$3,003	\$470	\$1,850	\$1,810
628.001 INSURANCE DIVIDENDS	\$0	\$0	\$0	\$0
635.010 REIMBURSE MAINT SUPPLY - WATER	\$0	\$0	\$0	\$0
635.011 REIMBURSEMENT-SALARIES-WATER	\$1,174	\$1,391	\$1,235	\$1,292
635.012 REIMBURSE EQUIP RENTAL - WATER	\$4,006	\$2,680	\$13,562	\$6,884
635.013 REIMBURSE FRINGE BENE - WATER	\$563	\$0	\$746	\$445
635.014 REIMBURSE OPER SUPPLIES-WATER	\$826	\$285	\$971	\$708
650.003 TURN ON CHARGES	\$9,025	\$6,025	\$867	\$5,412
650.005 PENALTIES	\$56,043	\$45,368	\$50,730	\$51,728
651.002 MISC WATER SALES	\$85	\$933	\$193	\$412
651.005 WATER CAPITAL INVESTMENT FEES	\$0	\$0	\$0	\$0
651.009 WATER TAP FEES	\$18,128	\$50,020	\$11,500	\$27,080
651.011 TOWER RENTAL	\$36,441	\$39,205	\$32,000	\$32,000
<b>TOTAL INCOME (NON SALES)</b>	<b>\$129,295</b>	<b>\$146,377</b>	<b>\$113,654</b>	<b>\$127,771</b>
<b>AVERAGE NON SALES INCOME</b>		<b>\$137,836</b>	<b>\$129,775</b>	<b>\$129,274</b>
<b>Portion of (Non Sales) Revenue Guaranteed :</b>				<b>\$75,000</b>
Percent Applied Towards Fixed Rate RTS Charge - PERCENT applied per REU				<b>23%</b>
ANNUAL DOLLARS APPLIED TOWARDS <b>FIXED BUDGET</b> - BASE RATE - RTS				\$17,070
TOTAL ANNUAL RESIDENTIAL EQUIVALENT UNITS "REU'S"				52,525
REDUCTION PER REU PER BILLING PERIOD				\$0.32
ANNUAL DOLLARS APPLIED TOWARDS <b>VARIABLE BUDGET</b> - PER UNIT				\$57,930
ANNUAL UNITS OF WATER OR SEWER INVOICED				198,518
REDUCTION PER UNIT OF WATER OR SEWER				\$0.29

MICHIGAN RURAL WATER ASSOCIATION RATE EVALUATION PROGRAM

PRIOR YEAR ACTUALS EXPENSES (COMPARISON PURPOSES ONLY)			Grand Ledge Water	PROPOSED BUDGET FOR FISCAL YEAR	YEAR 2	YEAR 3	YEAR 4	YEAR 5
FY 2020 ACTUALS	FY 2021 ACTUALS	FY 2022 ACTUALS			PROJECTED BUDGET	PROJECTED BUDGET	PROJECTED BUDGET	PROJECTED BUDGET
				ANNUAL PERCENT INCREASE	2.00%	2.00%	2.00%	2.00%
Dept: 591.544 PUMPING				2023	2024	2025	2026	2027
					\$0	\$0	\$0	\$0
\$12,955	\$12,962	\$14,235	703.000 SALARIES/WAGES	\$19,860	\$20,257	\$20,662	\$21,076	\$21,497
					\$0	\$0	\$0	\$0
\$1,317	\$1,399	\$2,623	703.100 OVERTIME	\$2,723	\$2,777	\$2,833	\$2,890	\$2,947
					\$0	\$0	\$0	\$0
\$6,783	\$7,681	\$7,404	719.000 FRINGE BENEFITS	\$11,884	\$12,122	\$12,364	\$12,611	\$12,864
					\$0	\$0	\$0	\$0
\$2,257	\$3,294	\$6,429	776.000 MAINTENANCE SUPPLIES	\$2,000	\$2,040	\$2,081	\$2,122	\$2,165
					\$0	\$0	\$0	\$0
\$50,009	\$63,912	\$59,719	921.000 UTILITIES	\$63,731	\$65,006	\$66,306	\$67,632	\$68,984
					\$0	\$0	\$0	\$0
\$22,826	\$24,619	\$5,547	937.000 EQUIPMENT MAINTENANCE less 1 time expenses	\$20,000	\$20,400	\$20,808	\$21,224	\$21,649
					\$0	\$0	\$0	\$0
\$96,147	\$113,867	\$95,958	TOTAL	\$120,198	\$122,602	\$125,054	\$127,555	\$130,106



MICHIGAN RURAL WATER ASSOCIATION RATE EVALUATION PROGRAM

PRIOR YEAR ACTUALS EXPENSES (COMPARISON PURPOSES ONLY)			Grand Ledge Water	PROPOSED BUDGET FOR FISCAL YEAR	YEAR 2	YEAR 3	YEAR 4	YEAR 5
					NEW BUDGET FOR YEAR	NEW BUDGET FOR YEAR	NEW BUDGET FOR YEAR	NEW BUDGET FOR YEAR
			ANNUAL PERCENT INCREASE		2.00%	2.00%	2.00%	2.00%
FY 2020 ACTUALS	FY 2021 ACTUALS	FY 2022 ACTUALS	Dept: 591.545 WATER TREATMENT	2023	2024	2025	2026	2027
\$6,969	\$15,019	\$16,875	703.000 SALARIES/WAGES	\$24,460	\$24,949	\$25,448	\$25,957	\$26,476
					\$0	\$0	\$0	\$0
\$422	\$999	\$583	703.100 OVERTIME	\$6,210	\$6,334	\$6,461	\$6,590	\$6,722
					\$0	\$0	\$0	\$0
\$3,888	\$8,724	\$8,448	719.000 FRINGE BENEFITS	\$14,937	\$15,236	\$15,540	\$15,851	\$16,168
					\$0	\$0	\$0	\$0
\$10,385	\$16,437	\$25,778	753.000 CHEMICALS	\$25,000	\$25,500	\$26,010	\$26,530	\$27,061
					\$0	\$0	\$0	\$0
\$8,622	\$9,464	\$15,255	776.000 MAINTENANCE SUPPLIES	\$25,000	\$25,500	\$26,010	\$26,530	\$27,061
					\$0	\$0	\$0	\$0
\$10,885	\$37,727	\$4,876	811.000 CONTRACTUAL	\$15,000	\$15,300	\$15,606	\$15,918	\$16,236
					\$0	\$0	\$0	\$0
\$37,939	\$37,405	\$43,810	921.000 UTILITIES	\$48,320	\$49,286	\$50,272	\$51,278	\$52,303
					\$0	\$0	\$0	\$0
\$11,073	\$5,148	\$13,885	937.000 EQUIPMENT MAINTENANCE	\$10,000	\$10,200	\$10,404	\$10,612	\$10,824
					\$0	\$0	\$0	\$0
<b>\$90,183</b>	<b>\$130,923</b>	<b>\$129,511</b>	Dept: 591.545 WATER TREATMENT	<b>\$168,927</b>	<b>\$172,306</b>	<b>\$175,752</b>	<b>\$179,267</b>	<b>\$182,852</b>

MICHIGAN RURAL WATER ASSOCIATION RATE EVALUATION PROGRAM

PRIOR YEAR ACTUALS EXPENSES (COMPARISON PURPOSES ONLY)			Grand Ledge Water	PROPOSED BUDGET FOR FISCAL YEAR	YEAR 2	YEAR 3	YEAR 4	YEAR 5
FY 2020 ACTUALS	FY 2021 ACTUALS	FY 2022 ACTUALS			NEW BUDGET FOR YEAR	NEW BUDGET FOR YEAR	NEW BUDGET FOR YEAR	NEW BUDGET FOR YEAR
				ANNUAL PERCENT INCREASE	2.00%	2.00%	2.00%	2.00%
			Dept: 591.546 <b>TRANSMISSION AND DISTRIBUTION</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>
\$206,203	\$188,900	\$245,816	703.000 SALARIES/WAGES	\$246,850	\$251,787	\$256,823	\$261,959	\$267,198
					\$0	\$0	\$0	\$0
\$22,688	\$28,374	\$29,197	703.100 OVERTIME	\$25,200	\$25,704	\$26,218	\$26,742	\$27,277
					\$0	\$0	\$0	\$0
\$109,434	\$110,802	\$125,678	719.000 FRINGE BENEFITS	\$148,534	\$151,505	\$154,535	\$157,625	\$160,778
					\$0	\$0	\$0	\$0
\$22,448	\$68,381	\$50,182	776.000 MAINTENANCE SUPPLIES	\$50,000	\$51,000	\$52,020	\$53,060	\$54,122
					\$0	\$0	\$0	\$0
\$25,377	\$102,561	\$51,129	811.000 CONTRACTUAL	\$50,000	\$51,000	\$52,020	\$53,060	\$54,122
					\$0	\$0	\$0	\$0
\$4,313	\$4,477	\$4,410	921.000 UTILITIES	\$5,000	\$5,100	\$5,202	\$5,306	\$5,412
					\$0	\$0	\$0	\$0
\$17,159	\$17,419	\$4,243	931.000 BUILDING MAINTENANCE	\$20,000	\$20,400	\$20,808	\$21,224	\$21,649
					\$0	\$0	\$0	\$0
\$3,250	\$9,925	\$13,227	936.001 MAINTENANCE OF TOWERS - subtract 1 time expenses	\$15,000	\$15,300	\$15,606	\$15,918	\$16,236
					\$0	\$0	\$0	\$0
\$23,264	\$20,680	\$22,821	936.002 MAINTENANCE OF SERVICE - 100,000 - LISTED ON FINAL PAGE	\$0	\$0	\$0	\$0	\$0
					\$0	\$0	\$0	\$0
\$239,234	\$220,345	\$62,753	936.003 MAINTENANCE OF METERS - \$150,000 LISTED ON FINAL PAGE	\$0	\$0	\$0	\$0	\$0
					\$0	\$0	\$0	\$0
\$0	\$10,846	\$3,152	936.004 MAINTENANCE OF HYDRANTS	\$4,500	\$4,590	\$4,682	\$4,775	\$4,871
					\$0	\$0	\$0	\$0
\$42,564	\$19,853	\$32,157	936.005 MAINTENANCE OF MAINS	\$31,500	\$32,130	\$32,773	\$33,428	\$34,097
					\$0	\$0	\$0	\$0
\$5,470	\$9,363	\$20,122	937.000 EQUIPMENT MAINTENANCE	\$17,500	\$17,850	\$18,207	\$18,571	\$18,943
					\$0	\$0	\$0	\$0
\$11,045	\$22,969	\$31,398	940.000 EQUIPMENT RENTAL	\$72,200	\$73,644	\$75,117	\$76,619	\$78,152
					\$0	\$0	\$0	\$0
<b>\$732,449</b>	<b>\$834,895</b>	<b>\$696,286</b>	Dept: 591.546 TRANSMISSION AND DISTRIBUTION	<b>\$686,284</b>	<b>\$700,010</b>	<b>\$714,010</b>	<b>\$728,290</b>	<b>\$742,856</b>

MICHIGAN RURAL WATER ASSOCIATION RATE EVALUATION PROGRAM

PRIOR YEAR ACTUALS EXPENSES (COMPARISON PURPOSES ONLY)			Grand Ledge Water	PROPOSED BUDGET FOR FISCAL YEAR	YEAR 2	YEAR 3	YEAR 4	YEAR 5
2020 ACTUAL	2021 ACTUAL	2022 ACTUAL			NEW BUDGET FOR YEAR	NEW BUDGET FOR YEAR	NEW BUDGET FOR YEAR	NEW BUDGET FOR YEAR
				ANNUAL PERCENT INCREASE	2.00%	2.00%	2.00%	2.00%
			Dept: 591.548 WATER-GENERAL EXPENSE	2023	2024	2025	2026	2027
\$52,418	\$38,955	\$43,956	703.000 SALARIES/WAGES	\$55,775	\$56,891	\$58,028	\$59,189	\$60,373
					\$0	\$0	\$0	\$0
\$309	\$529	\$1,686	703.100 OVERTIME	\$395	\$403	\$411	\$419	\$428
					\$0	\$0	\$0	\$0
\$29,007	\$22,737	\$22,594	719.000 FRINGE BENEFITS	\$32,614	\$33,266	\$33,932	\$34,610	\$35,303
					\$0	\$0	\$0	\$0
\$2,047	\$998	\$4,434	726.000 PERSONNEL ADMINISTRATION	\$2,500	\$2,550	\$2,601	\$2,653	\$2,706
					\$0	\$0	\$0	\$0
\$1,281	\$1,144	\$1,286	752.000 OFFICE SUPPLIES	\$2,800	\$2,856	\$2,913	\$2,971	\$3,031
					\$0	\$0	\$0	\$0
\$4,632	\$5,509	\$8,730	788.000 UNIFORMS	\$5,600	\$5,712	\$5,826	\$5,943	\$6,062
					\$0	\$0	\$0	\$0
\$1,080	\$2,830	\$4,575	801.000 ENGINEERING	\$25,000	\$25,500	\$26,010	\$26,530	\$27,061
					\$0	\$0	\$0	\$0
\$90,447	\$102,115	\$49,756	802.000 LEGAL FEES	\$25,000	\$25,500	\$26,010	\$26,530	\$27,061
					\$0	\$0	\$0	\$0
\$11,452	\$29,901	\$32,912	802.010 LABOR ATTORNEY	\$5,000	\$5,100	\$5,202	\$5,306	\$5,412
					\$0	\$0	\$0	\$0
\$5,760	\$1,875	\$323	803.000 TRASH REMOVAL	\$500	\$510	\$520	\$531	\$541
					\$0	\$0	\$0	\$0
\$629	\$62	\$0	811.001 CONTRACTUAL - COMPUTER	\$2,500	\$2,550	\$2,601	\$2,653	\$2,706
					\$0	\$0	\$0	\$0
\$685	\$6,269	\$718	811.003 EGLE FEES	\$7,500	\$7,650	\$7,803	\$7,959	\$8,118
					\$0	\$0	\$0	\$0
\$3,881	\$3,088	\$6,306	824.000 TRAINING	\$12,000	\$12,240	\$12,485	\$12,734	\$12,989
					\$0	\$0	\$0	\$0
\$6,439	\$5,926	\$13,766	852.00 POSTAGE	\$9,200	\$9,384	\$9,572	\$9,763	\$9,958
					\$0	\$0	\$0	\$0
\$10,430	\$10,772	\$11,388	853.000 TELEPHONE/INTERNET	\$12,000	\$12,240	\$12,485	\$12,734	\$12,989
					\$0	\$0	\$0	\$0
\$10,165	\$9,321	\$13,119	900.000 PRINTING/PUBLISHING	\$2,965	\$3,024	\$3,085	\$3,146	\$3,209
					\$0	\$0	\$0	\$0
\$2,678	\$2,603	\$3,612	925.000 PROPERTY TAXES & ASSESSMENTS	\$2,400	\$2,448	\$2,497	\$2,547	\$2,598
					\$0	\$0	\$0	\$0
\$0	\$0	\$0	935.000 INSURANCE	\$12,585	\$12,837	\$13,093	\$13,355	\$13,622
					\$0	\$0	\$0	\$0
\$0	\$0	\$0	936.006 WELL MAINTENANCE	\$0	\$0	\$0	\$0	\$0
					\$0	\$0	\$0	\$0
\$0	\$0	\$0	968.000 DEPRECIATION	\$0	\$0	\$0	\$0	\$0
					\$0	\$0	\$0	\$0
\$0	\$0	\$250	974.007 CAPITALIZED ASSETS	\$0	\$0	\$0	\$0	\$0
					\$0	\$0	\$0	\$0
\$0	\$0	\$0	977.000 EQUIPMENT	\$0	\$0	\$0	\$0	\$0
					\$0	\$0	\$0	\$0
\$0	\$0	\$0	981.001 VEHICLE REPLACEMENT	\$0	\$0	\$0	\$0	\$0
					\$0	\$0	\$0	\$0
\$0	\$0	\$0	991.000 DEBT-PRINCIPAL	\$0	\$0	\$0	\$0	\$0
					\$0	\$0	\$0	\$0
\$147,069	\$152,403	\$157,623	992.000 DEBT-INTEREST	\$0	\$0	\$0	\$0	\$0
					\$0	\$0	\$0	\$0
\$125	\$150	\$201	993.000 DEBT-PAYING AGENT FEES	\$150	\$150	\$153	\$156	\$159
					\$0	\$0	\$0	\$0
	\$0	\$0	995.306 TRANSFER TO 2019 DEBT SERVICE	\$0	\$0	\$0	\$0	\$0
					\$0	\$0	\$0	\$0
	\$12,500	\$12,500	995.403 TRANSFER TO 2023 IRP FUND	\$0	\$0	\$0	\$0	\$0
					\$0	\$0	\$0	\$0
			995.661 TRANSFER TO EQUIPMENT OPERATING	\$12,500	\$12,500	\$12,750	\$13,005	\$13,265
					\$0	\$0	\$0	\$0
			997.101 INDIRECT COST CHARGES	\$163,785	\$163,785	\$167,060	\$170,401	\$173,809
<b>\$380,534</b>	<b>\$409,687</b>	<b>\$389,735</b>	<b>Dept: 591.548 WATER-GENERAL EXPENSE</b>	<b>\$392,769</b>	<b>\$397,095</b>	<b>\$405,037</b>	<b>\$413,138</b>	<b>\$421,401</b>

**Grand Ledge Water**

**EQUIPMENT REPLACEMENT SHORT LIVED ASSETS**

2023

SHORT LIVED ASSETS SOMEWHERE BETWEEN 0-15 OR 20 YEARS

YOUR ANTICIPATED NORMAL INTENDED USEFUL LIFE OR YEARS BETWEEN REHAB SHOULD BE BASED ON PAST MAINTENANCE HISTORY, WELL MAINTENANCE RECORDS AND WATER TOWER INSPECTION REPORTS. - A COPY OF THESE REPORTS SHOULD BE INCLUDED IN YOUR RATE EVALUATION AS AN ATTACHMENT OR APPENDIX -- ALSO NOTE; IF YOU ARE APPLYING FOR A USDA RURAL DEVELOPMENT GRANT OR HOPE TO GET A USDA GRANT - THE REMAINING YEARS OF LIFE FOR ANY EQUIPMENT CAN NOT EXCEED 15 YEARS. FOR ANYTHING - WATER METERS WATER TOWER PAINTING ETC. ONCE THE USEFUL LIFE OR NEXT ANTICIPATED MAINTENANCE IS LESS THAN 15 YEARS AWAY IT CAN BE LISTED HERE,

FIXED ASSET INVENTORY		ASSET REPLACEMENT SCHEDULE							
EQUIPMENT LIST / MAINTENANCE ACTIVITY	DESCRIPTION / MAINTENANCE HISTORY	ORIGINAL INSTALLATION YEAR OR LAST REHAB YEAR	ESTIMATED NORMAL INTENDED USEFUL LIFE	CURRENT AGE	NEXT ANTICIPATED REPLACEMENT YEAR	REMAINING LIFE - YEARS BEFORE REPLACEMENT	TOTAL REPLACEMENT COST	PERCENT OF ASSET LEFT	REPLACEMENT MONEY RESERVED ANNUALLY
<b>IRON REMOVAL PLANT</b>									
HIGH SERVICE PUMP 1 - 1500	NEW IN 1989 & REHABED 2017	2017	15	6	2032	9	\$18,000	60%	\$1,200
HIGH SERVICE PUMP 2 - 1000	NEW 1989 REHABED 2005 & 2018	2018	15	5	2033	10	\$18,000	67%	\$1,200
HIGH SERVICE PUMP 3 - 500	NEW 1989/ Rebuilt and upgraded 2019	2019	20	4	2039	16	\$10,000	80%	\$500
FILTER MEDIA REPLACEMENT & PAINT INTERIOR		2009	20	14	2029	6	\$25,000	30%	\$1,250
BLOWER MOTORS 1	covered under O & M	2019	15	4	2034	11	\$1	73%	\$0
BLOWER MOTORS 2	covered under O & M	2019	15	4	2034	11	\$1	73%	\$0
CHEMICAL FEED SYSTEM - FL & CHL & PSP PUMPS PACE UNIT - SCALES ETC.		2017	10	6	2027	4	\$18,000	40%	\$1,800
ELECTRICAL CONTROLS / SCADA FLOW METERS 2 UNITS		2016	10	7	2026	3	\$35,000	30%	\$3,500
PRESSURE TRANSMITTER	covered under O & M	2014	15	9	2029	6	\$1	40%	\$0
VFD DRIVE 3 UNITS -10K EACH	High service 3 new VFD 2019	2005	20	18	2025	2	\$30,000	10%	\$1,500
ROTORK VALVE	PARTIAL / REHABBED IN 2014 - NEW SEALS ETC \$1500	2005	25	18	2030	7	\$15,000	28%	\$600
W-8 4X X PICKUP 2/4 TON Dump Truck	INCLUDES PLOWS & SERVICE BODY	2016	8	7	2024	1	\$68,000	13%	\$8,500
Backhoe Sold to EQ. OP.		2005	20	18	2025	2	\$150,000	10%	\$7,500
2022 Cat Mini Excavator		2003	20	20	2023	0	\$0	0%	\$0
Air Compressor		2022	15	1	2037	14	\$90,000	93%	\$6,000
2018 Dodge PICKUP 4X4		2008	20	15	2028	5	\$25,000	25%	\$1,250
2018 Dodge PICKUP 4X4	INCLUDES PLOWS & SERVICE BODY 10K	2018	8	5	2026	3	\$68,000	38%	\$8,500
2019 4x 4 Dodge PICKUP W-4 PICKUP	INCLUDES PLOWS & SERVICE BODY 10K	2019	8	4	2027	4	\$68,000	50%	\$8,500
IRON PLANT ROOF		2014	10	9	2024	1	\$68,000	10%	\$6,800
BOOSTER PUMP STATION		2009	20	14	2029	6	\$30,000	30%	\$1,500
Generator/Cummins 250KWH DQDAA W/ SWITCHGEAR		2005	40	18	2045	22	\$200,000	55%	\$5,000
Split Case Pumps/Pentair Aurora 06-1411125-2 - PUMP 1 - 20K EACH size 8x8x8x11B 700 GPM		2005	20	18	2025	2	\$40,000	10%	\$2,000
Split Case Pumps/Pentair Aurora 06-1411125-2 - PUMP 2 - 20K EACH size 8x8x8x11B 700 GPM		2005	20	18	2025	2	\$40,000	10%	\$2,000
Split Case Pumps/Pentair Aurora 06-1411125-2 - PUMP 3 - 20K EACH size 8x8x8x11B 700 GPM	Rehabed 2014	2005	20	18	2025	2	\$40,000	10%	\$2,000
AURORA Electric Motors D75V2B - 3 UNITS		2005	20	18	2025	2	\$30,000	10%	\$1,500
Krohne 12" MAG Flowmeter	covered under O & M	2005	20	18	2025	2	\$1	10%	\$0
Krohne 16" MAG Flowmeter		2005	20	18	2025	2	\$13,400	10%	\$670
Control Panel/Allen Bradley Panelview Plus 1250	covered under O & M	2018	15	5	2033	10	\$1	67%	\$0
VFD DRIVE 3 UNITS - ONE FOR EACH PUMP	\$10K EACH	2005	20	18	2025	2	\$30,000	10%	\$1,500

**Grand Ledge Water**

**EQUIPMENT REPLACEMENT SHORT LIVED ASSETS**

2023

SHORT LIVED ASSETS SOMEWHERE BETWEEN 0-15 OR 20 YEARS

YOUR ANTICIPATED NORMAL INTENDED USEFUL LIFE OR YEARS BETWEEN REHAB SHOULD BE BASED ON PAST MAINTENANCE HISTORY, WELL MAINTENANCE RECORDS AND WATER TOWER INSPECTION REPORTS. - A COPY OF THESE REPORTS SHOULD BE INCLUDED IN YOUR RATE EVALUATION AS AN ATTACHMENT OR APPENDIX -- ALSO NOTE; IF YOU ARE APPLYING FOR A USDA RURAL DEVELOPMENT GRANT OR HOPE TO GET A USDA GRANT - THE REMAINING YEARS OF LIFE FOR ANY EQUIPMENT CAN NOT EXCEED 15 YEARS. FOR ANYTHING - WATER METERS WATER TOWER PAINTING ETC. ONCE THE USEFUL LIFE OR NEXT ANTICIPATED MAINTENANCE IS LESS THAN 15 YEARS AWAY IT CAN BE LISTED HERE,

FIXED ASSET INVENTORY		ASSET REPLACEMENT SCHEDULE							
EQUIPMENT LIST / MAINTENANCE ACTIVITY	DESCRIPTION / MAINTENANCE HISTORY	ORIGINAL INSTALLATION YEAR OR LAST REHAB YEAR	ESTIMATED NORMAL INTENDED USEFUL LIFE	CURRENT AGE	NEXT ANTICIPATED REPLACEMENT YEAR	REMAINING LIFE - YEARS BEFORE REPLACEMENT	TOTAL REPLACEMENT COST	PERCENT OF ASSET LEFT	REPLACEMENT MONEY RESERVED ANNUALLY
Electric Panel/Gear		2005	20	18	2025	2	\$10,000	10%	\$500
Singer Pressure Reducing Valves (2)		2005	20	18	2025	2	\$13,000	10%	\$650
Singer Pressure Reducing Valves (1)	covered under O & M	2005	20	18	2025	2	\$1	10%	\$0
Singer Pressure Reducing Valves (1)	covered under O & M	2005	20	18	2025	2	\$1	10%	\$0
Rotork Actuator (1)		2005	20	18	2025	2	\$15,350	10%	\$768
Rotork Actuator (1)		2005	20	18	2025	2	\$13,100	10%	\$655
EOTEK PSI Gauge Transmitter	covered under O & M	2005	20	18	2025	2	\$1	10%	\$0
CHLORINE FEED SYSTEM	covered under O & M	2018	15	5	2033	10	\$1	67%	\$0
STORAGE TANK EXTERIOR PAINTING		2005	20	18	2025	2	\$20,000	10%	\$1,000
WATER TOWER 500K INTERIOR PAINT	AVG OF SAND BLAST EVERY 3RD PAINTING VS NON SAND BLAST	2018	18	5	2036	13	\$200,000	72%	\$11,111
WATER TOWER 500K EXTERIOR PAINT	AVG OF SAND BLAST EVERY 3RD PAINTING VS NON SAND BLAST	2018	15	5	2033	10	\$200,000	67%	\$13,333
WATER TOWER 500K DRY INTERIOR	AVG OF SAND BLAST EVERY 3RD PAINTING VS NON SAND BLAST	2018	15	5	2033	10	\$75,000	67%	\$5,000
WATER TOWER 100K INTERIOR PAINT	AVG OF SAND BLAST EVERY 3RD PAINTING VS NON SAND BLAST	2004	25	19	2029	6	\$60,000	24%	\$2,400
WATER TOWER 100K EXTERIOR PAINT	AVG OF SAND BLAST EVERY 3RD PAINTING VS NON SAND BLAST	2004	18	19	2023	0	\$125,000	0%	\$6,944
Allied jack hammer Sold to EQ. OP.	Backhoe mounted	2018	10	5	2028	5	\$15,000	50%	\$1,500
HAND HELD METER READ 1		2016	10	7	2026	3	\$10,000	30%	\$1,000
HAND HELD METER READ 2		2018	10	5	2028	5	\$10,000	50%	\$1,000
RELIABILITY STUDY / GENERAL PLAN UPDATE	DONE EVERY 5 YRS	2017	5	6	2023	0	\$15,000	0%	\$3,000
UB reader/Truck mount		2018	10	5	2028	5	\$30,000	50%	\$3,000
Customer Meters		2021	17	2	2038	15	\$150,000	88%	\$8,824
Customer Meters		2020	17	3	2037	14	\$150,000	82%	\$8,824
Customer Meters		2019	17	4	2036	13	\$150,000	76%	\$8,824
Customer Meters		2017	17	6	2034	11	\$150,000	65%	\$8,824
Customer Meters		2015	17	8	2032	9	\$150,000	53%	\$8,824
Customer Meters		2013	17	10	2030	7	\$150,000	41%	\$8,824
							<b>\$2,854,859</b>	<b>33%</b>	<b>\$ 180,273</b>

**Grand Ledge Water  
EQUIPMENT REPLACEMENT PAGE 2**

**2023**

MID-TERM ASSETS 15-30 YEARS

FIXED ASSET INVENTORY									ANNUAL RESERVE
ASSET REPLACEMENT SCHEDULE									REPLACEMENT MONEY RESERVED ANNUALLY
EQUIPMENT LIST / MAINTENANCE ACTIVITY	DESCRIPTION / MAINTENANCE HISTORY	ORIGINAL INSTALLATION YEAR	NORMAL INTENDED USEFUL LIFE	CURRENT AGE	NEXT REPLACEMENT YEAR	REMAINING LIFE - YEARS BEFORE REPLACEMENT	TOTAL REPLACEMENT COST	PERCENT CONSUMED	REPLACEMENT MONEY RESERVED ANNUALLY
Electric Motor 40 h.p./GE5K404XA17H -- WELL 2	covered under O & M	1995	40	28	2035	12	\$1	70%	\$0
Water Specialties Flow Meter 6"	covered under O & M	2007	15	16	2023	0	\$1	100%	\$0
Hypochlorinator	covered under O & M	2017	8	6	2025	2	\$1	75%	\$0
Electric Gear/Panels	covered under O & M	2005	18	18	2023	0	\$1	100%	\$0
Check Valve	covered under O & M	2005	25	18	2030	7	\$1	72%	\$0
Phosphate Pump	covered under O & M	2017	8	6	2025	2	\$1	75%	\$0
Air Vacuum Valve	covered under O & M	2005	25	18	2030	7	\$1	72%	\$0
WELL PUMP		1995	40	28	2035	12	\$45,000	70%	\$1,125
WELL CLEANING	covered under O & M	1995	30	28	2025	2	\$1	93%	\$0
<b>WELL 8 - 1980's</b>									
Electric Motor A286TPA 30 h.p.	covered under O & M	2015	20	8	2035	12	\$1	40%	\$0
Check Valve APCO Swing	covered under O & M	1996	35	27	2031	8	\$1	77%	\$0
Check Valve 8"	covered under O & M	1996	30	27	2026	3	\$1	90%	\$0
Flow Meter Water Specialties 8"	covered under O & M	1996	25	27	2023	0	\$1	100%	\$0
Electric Gear/Panels	covered under O & M	1996	25	27	2023	0	\$1	100%	\$0
Air Vacuum Valve	covered under O & M	1996	25	27	2023	0	\$1	100%	\$0
WELL PUMP		2015	10	8	2025	2	\$45,000	80%	\$4,500
WELL CLEANING	covered under O & M	2011	20	12	2031	8	\$1	60%	\$0
WELL 8 VFD DRIVE	covered under O & M	2021	15	2	2036	13	\$1	13%	\$0
<b>WELL 7 - 1970's</b>									
Electric Motor 346TP 50 h.p.	covered under O & M	2018	20	5	2038	15	\$1	25%	\$0
Flow Meter Water Specialties 8"	covered under O & M	2005	20	18	2025	2	\$1	90%	\$0
Check Valve	covered under O & M	1984	40	39	2024	1	\$1	98%	\$0
(2) Valves - GATE VALVES	covered under O & M	1984	40	39	2024	1	\$1	98%	\$0
Generator 125 KWH		2005	33	18	2038	15	\$80,000	55%	\$2,424
WELL PUMP	REHAB 2011 & 2018	2018	10	5	2028	5	\$45,000	50%	\$4,500
WELL CLEANING	covered under O & M	2018	20	5	2038	15	\$1	25%	\$0
WELL 7 VFD DRIVE		2018	15	5	2033	10	\$10,000	33%	\$667
<b>WELL 6 1950'S</b>									
Motor 75 h.p.	REHAB 2007 & 2016	2016	20	7	2036	13	\$10,000	35%	\$500
Generator	REBUILT ENGINE 2017	1989	45	34	2034	11	\$120,000	76%	\$2,667
Flow Meter	covered under O & M	2010	15	13	2025	2	\$1	87%	\$0
Electric Panel/Gear	covered under O & M	2016	20	7	2036	13	\$1	35%	\$0
Air Vacuum Valve	covered under O & M	2007	20	16	2027	4	\$1	80%	\$0
WELL PUMP	REHAB 2007 & 2016	2016	10	7	2026	3	\$45,000	70%	\$4,500
WELL CLEANING	covered under O & M	2015	20	8	2035	12	\$1	40%	\$0
WELL 6 VFD DRIVE		2019	15	4	2034	11	\$10,000	27%	\$667
							<b>\$410,024</b>		<b>\$ 21,550</b>

Grand Ledge Water	<b>2023</b>		
<b>CAPITAL IMPROVEMENT PROJECTS SUMMARY</b>		PERCENT DOWNPAYMENT	<b>10%</b>
CAPITAL IMPROVEMENT IDEAS WERE GENERATED FROM			

MRWA DOES NOT RECOMMEND OR SUGGEST FINANCING OPTIONS. IT IS UP TO THE COMMUNITY AND THEIR ADVOCATES TO DECIDE WHAT FINANCING OPTIONS WORK BEST FOR THEM AND THEIR FUTURE PROJECTS.

ENTER ITEMS ON THIS PAGE FIRST - THEN SEE INDIVIDUAL PAGES FOR ENTERING DETAILS ON EACH PROJECT -

<b>CAPITAL PROJECTS - FOR DETAILS OF EACH PROJECT SEE INDIVIDUAL PAGES</b>	ESTIMATED PROJECT COST	CASH CONTRIBUTION FROM RATES	AMOUNT FINANCED	COMPLETE IN YEAR OF	MONEY NEEDED ANNUALLY
IRP Construction (Future Bond Issuance)	\$15,000,000	\$0	\$15,000,000	2023	
Well Development (Future Bond Issuance)	\$5,000,000	\$0	\$5,000,000	2023	
Green Street Reconstruction	\$290,000	\$290,000	\$0	2024	\$290,000
Belknap Reconsrtuction	\$440,000	\$440,000	\$0	2025	\$220,000
Corrosion Control Study	\$180,000	\$180,000	\$0	2025	\$90,000
Union St - Clinton to Church - Phase 1	\$459,800	\$459,800	\$0	2026	\$153,267
River Crossing (Future Bond Issuance)	\$2,000,000	\$0	\$2,000,000	2027	\$0
Spring St. - Reconstruction	\$447,700	\$447,700	\$0	2027	\$111,925
Colonial Park Reconstruction	\$501,600	\$501,600	\$0	2028	\$100,320
Union St - Church to Whitney - Phase 2	\$459,800	\$459,800	\$0	2029	\$76,633
W.South - Jenne to Green	\$480,700	\$480,700	\$0	2030	\$68,671
Jackson Street - Lincoln St to Scott St.	\$334,400	\$334,400	\$0	2031	\$41,800
Future Project	\$173,838	\$173,838	\$0	2031	\$21,730
		\$0	\$0	2024	\$0
	<b>\$25,767,838</b>	<b>\$3,767,838</b>	<b>\$22,000,000</b>		<b>\$1,174,346</b>





MICHIGAN RURAL WATER ASSOCIATION RATE EVALUATION PROGRAM

FINAL ANALYSIS RATE CALCULATION - CURRENT FISCAL YEAR	2023			RTS CHARGE		VOLUME CHARGE
City Water < 4,000	ANNUAL BUDGET	PERCENT FIXED EXPENSES	ASSIGNED AS FIXED EXPENSES	COST PER METER EQUIVALENT	ASSIGNED AS VARIABLE EXPENSES	\$ COST PER 1,000 GALLONS
Dept: 591.544 PUMPING	\$120,198	23%	\$27,357	\$0.52	\$92,841	\$0.382
Dept: 591.545 WATER TREATMENT	\$168,927	23%	\$38,448	\$0.73	\$130,479	\$0.536
Dept: 591.546 TRANSMISSION AND DISTRIBUTION	\$686,284	23%	\$156,198	\$2.97	\$530,086	\$2.179
Dept: 591.548 WATER-GENERAL EXPENSE	\$392,769	23%	\$89,394	\$1.70	\$303,374	\$1.247
<b>OPERATION &amp; MAINTENANCE EXPENSES</b>	\$1,368,178		\$311,397	<b>\$5.93</b>	\$1,056,780	<b>\$4.343</b>
<b>DEBT - PRINCIPAL &amp; INTEREST ANNUAL PAYMENTS</b>						
2014 Refunded complete 2025	\$343,463	100%	\$343,463	\$6.54	\$0	\$0.00
2019 Capital Improvement Bonds	\$146,978	100%	\$146,978	\$2.80	\$0	\$0.00
Iron Removal Plant DWSRF 2023	\$585,931	100%	\$585,931	\$11.16	\$0	\$0.00
Well Development DWSRF 2023	\$147,200	100%	\$147,200	\$2.80	\$0	\$0.00
<b>ANNUAL DEBT PAYMENTS PRINCIPAL &amp; INTEREST</b>	\$1,223,572		\$1,223,572	<b>\$23.29</b>	\$0	<b>\$0.00</b>
<b>ANNUAL O &amp; M + DEBT</b>	\$2,591,750		\$1,534,969	<b>\$29.22</b>	\$1,056,780	<b>\$4.34</b>
<b>RESERVES</b>						
<b>CAPITAL + EQUIPMENT</b>	\$565,971		\$128,815	<b>\$2.45</b>	\$437,156	<b>\$1.80</b>
<b>ADOPTED BUDGET</b>	<b>\$3,157,721</b>		<b>\$1,663,784</b>		<b>\$1,493,936</b>	
		<b>22.76%</b>	53%		47%	
REVENUE COLLECTED CALCULATED RATES	\$3,082,721		\$1,646,714		\$1,436,006	
REVENUE COLLECTED CURRENT RATES	\$3,000,708					
<b>CALCULATED RATE PER METER EQUIVALENT</b>			<b>PER MONTH</b>	<b>\$31.35</b>	<b>RATE PER 1,000 GAL.</b>	<b>\$5.90</b>
ANNUAL METER EQUIVALENTS / REU'S COUNT 52,525			CURRENT RATES	\$31.35		\$5.50
ANTICIPATED EQUIVALENT GALLONS / UNITS 243,316			PERCENT INCREASE	0.0%		7.3%
INVOICES PER YEAR 12			INCREASE OF	\$0.00		\$0.40

<b>TYPICAL BILL WATER</b>							
<i>City Water &lt; 4,000</i>							
<u>CURRENT RATES</u>				<u>NEW / CALCULATED RATES</u>			
RTS		\$31.35		\$31.35			
COST PER UNIT		\$5.50		\$5.90			
COST PER UNIT OF WATER		<b>\$5.90</b>		MONTHLY		\$ PER 1,000 GAL.	
METER SIZE IN INCHES	GALLONS USED	VOLUME CHARGE	BASE RATE CHARGE	NEW BILL	OLD BILL	CHANGE IN BILL	PERCENT INCREASE
3/4	1,000	\$5.90	\$31.35	<b>\$37.25</b>	\$36.85	\$0.40	1.1%
3/4	3,000	\$17.71	\$31.35	<b>\$49.06</b>	\$47.85	\$1.21	2.5%
3/4	4,000	\$23.61	\$31.35	<b>\$54.96</b>	\$53.35	\$1.61	3.0%
3/4	6,000	\$35.41	\$31.35	<b>\$66.76</b>	\$64.35	\$2.41	3.7%
3/4	10,000	\$59.02	\$31.35	<b>\$90.37</b>	\$86.35	\$4.02	4.7%

1	50,000	\$295.09	\$78.40	\$373.49	\$353.40	\$20.09	5.7%
1 1/2	75,000	\$442.64	\$156.75	\$599.39	\$569.25	\$30.14	5.3%
2	100,000	\$590.18	\$250.82	\$841.00	\$800.81	\$40.19	5.0%
3	200,000	\$1,180.36	\$470.26	\$1,650.63	\$1,570.26	\$80.37	5.1%
4	300,000	\$1,770.55	\$783.89	\$2,554.44	\$2,433.87	\$120.57	5%
6	400,000	\$2,360.73	\$1,568.04	\$3,928.77	\$3,767.99	\$160.78	4%