



Chillicothe Municipal Utilities

Budget – For City Council

Review on 3/23/2023
& Approval at Meeting on 3/27/2023

For Fiscal Year Ending
March 31, 2024

Chillicothe Municipal Utilities
Summary Overview -- All Departments
 Budget FYE 3/31/2024

	-----Budgeted-----			-----Budgeted-----			-----Budgeted-----	
	Operating Revenue	Nonoperating Revenue	Total Revenue	Operating Expenses	Nonoperating Expenses	Total Expenses	Capital Items	Net Income (Loss)
Electric	10,772,370	256,160	11,028,530	11,032,430	0	11,032,430	1,903,095	(3,900)
Water	2,153,070	100,310	2,253,380	2,032,470	0	2,032,470	402,000	220,910
Wastewater	1,280,410	122,400	1,402,810	1,495,270	0	1,495,270	705,000	(92,460)
Refuse	1,368,060	58,260	1,426,320	1,364,310	0	1,364,310	36,500	62,010
Grand Totals	<u>15,573,910</u>	<u>537,130</u>	<u>16,111,040</u>	<u>15,924,480</u>	<u>0</u>	<u>15,924,480</u>	<u>3,046,595</u>	<u>186,560</u>

Electric Department

Budget – For City Council

Review on 3/23/2023
& Approval at Meeting on 3/27/2023

For Fiscal Year Ending
March 31, 2024

ELECTRIC DEPARTMENT - RATE PROPOSAL

Residential				
Current Base	Proposed Base	Monthly Increase in Revenue	# of Customers	Annual Increase in Revenue
\$26.00	\$28.00	\$2.00	3,777	\$90,648.00

Residential Cost of Service \$39.00

Small Commercial/Industrial -- Non-Demand				
Current Base	Proposed Base	Monthly Increase in Revenue	# of Customers	Annual Increase in Revenue
\$26.00	\$28.00	\$2.00	623	\$14,952.00

Small Commercial/Industrial Cost of Service \$49.00

Total Increase in Revenue \$105,600.00

**ELECTRIC DEPARTMENT
GENERATION
CAPITAL IMPROVEMENTS
FYE 3/31/2024**

Year: 2023-2024

1	Scada Software & Hardware Upgrades (to new operating system)	\$100,000
2	Jet HMI Upgrade	\$154,800
3	Air Start Pack Control Upgrade	\$10,000
	Total	<u>\$264,800</u>

Year: 2024-2025

1	Vibration Monitoring Upgrade	\$120,000
2	Computer Upgrades	\$5,200
	Total	<u>\$120,000</u>

Year: 2025-2026

1	None	\$0
	Total	<u>\$0</u>

Year: 2026-2027

1	None	\$0
	Total	<u>\$0</u>

Year: 2027-2028

1	DNR Part 70 Operating Permit (Application & Engineering)	\$15,000
	Total	<u>\$15,000</u>

Special Expense Items

1	BHMG Engineering	\$15,000
2	Turbine/Generator Field Service Work (Spring Shutdown)	\$100,000
3	Calibration Pump	\$5,000
	Total	<u>\$120,000</u>

**ELECTRIC DEPARTMENT
TRANSMISSION & DISTRIBUTION
CAPITAL IMPROVEMENTS
FYE 3/31/2024**

Year: 2023-2024

1	AMI-Sensus Meters (Carry over from FYE 2021-22 Budget)	\$500,000
2	2023 Digger Derrick (Carryover from FYE 2021-22 Budget)	\$223,495
3	Distribution Items (Poles, Transformers, Hardward, Capital Labor 69KV Line)	\$300,000
4	Replace 3 SEL 651 Recloser Control Upgrade	\$28,800
5	Transmission Line Upgrades (161 to Litton Rd) - includes engineering	\$235,000
6	LED Street Light Replacement Program	\$50,000
7	Electric System GIS Mapping	\$95,000
8	Replace Unit #7 (2014 Dodge Crew Cab w/ trade)	\$40,000
9	Replace Unit #43 (1988 GMC Dump Truck)	\$75,000
10	Warehouse Apron Concrete	\$60,000
11	Mini Excavator Tilt Trailer	\$14,000
	Total	<u><u>\$1,621,295</u></u>

Year: 2024-2025

1	Distribution Items	\$250,000
2	Replace Unit #2 (2012 Bucket Truck)	\$320,000
3	LED Street Light Replacement Program	\$50,000
4	Replace 3 SEL 651 Recloser Control Upgrade (Sub L)	\$19,000
5	Replace Unit #61 (2011 Ford F-250 4WD)	\$50,000
6	Warehouse Forklift	\$45,000
7	Computer Upgrades	\$12,000
	Total	<u><u>\$746,000</u></u>

Year: 2025-2026

1	Distribution Items	\$250,000
2	LED Street Light Replacement Program	\$50,000
3	Replace Unit #11 (2008 Ford F550 4WD Service Tk w/ boom)	\$140,000
	Total	<u><u>\$440,000</u></u>

Year: 2026-2027

1	Distribution Items	\$250,000
2	Transmission Upgrades -- 69kV Loop Pole Changeout	\$100,000
3	LTC Maintenance	\$65,000
	Total	<u><u>\$415,000</u></u>

Year: 2027-2028

1	Distribution Items	\$250,000
2	Replace Unit #40 (2020 Chevy Crew Cab)	\$50,000
	Total	<u><u>\$300,000</u></u>

Special Expense Items

1	Tree trimming	\$120,000
2	Waste Oil Furnace for Distribution Warehouse	\$15,000
3	Power Quality Meter	\$6,500
	Total	<u><u>\$141,500</u></u>

**ELECTRIC DEPARTMENT
CMU OFFICE & ADMINISTRATION
CAPITAL IMPROVEMENTS
FYE 3/31/2024**

Year: 2023-2024			
1	Computer Upgrades		\$17,000
		Total	<u>\$17,000</u>
Year: 2024-2025			
1	HVAC Replacement Unit		\$30,000
		Total	<u>\$30,000</u>
Year: 2025-2026			
1	HVAC Replacement Unit		\$30,000
		Total	<u>\$30,000</u>
Year: 2026-2027			
1	Roof Replacement		\$150,000
		Total	<u>\$150,000</u>
Year: 2027-2028			
1	Parking Lot Concrete -- Phase #1		\$45,000
2	Windows		\$10,000
		Total	<u>\$45,000</u>

Special Expense Items		
1	Building Repairs - Roof	\$10,000
2	Office Furniture Replacements	\$6,000
		Total
		<u>\$16,000</u>

ELECTRIC DEPARTMENT

INCOME STATEMENT

<u>REVENUES</u>	Actual 2021-22	Budget 2022-23	Projected Curr Yr End Balance	Proposed Budget 2023-24
Gross Billings	9,677,812	9,654,024	9,699,078	9,821,680
MoPep -- Capacity & Generation Credits	879,794	822,000	2,850,797	881,000
Misc. Bills, Temp, & Connection fees	52,006	52,000	74,585	51,770
Fiber Lease Revenue	7,800	7,800	16,833	17,920
Less:				
<i>Total Revenues</i>	10,617,412	10,535,824	12,641,293	10,772,370
 <u>EXPENSES</u>				
Generation & Purchase Power	7,055,375	7,530,202	9,254,648	7,584,830
Transmission & Distribution	804,542	796,505	767,086	892,390
Customer Accounting & Network Systems	464,688	526,356	545,518	579,350
Administrative & General	946,126	983,544	1,004,146	1,134,360
Depreciation	868,015	872,130	820,913	841,500
<i>Total Expenses</i>	10,138,745	10,708,737	12,392,310	11,032,430
Operating Income (Loss)	478,667	(172,913)	248,982	(260,060)
Nonoperating Revenue	131,965	147,820	180,398	256,160
Nonoperating (Expenses)	0	0	0	0
Operating Transfers (Out)	0	(30,000)	(30,000)	0
Operating Transfers In	0	4,500	4,500	0
Net Income (Loss) Before Extraordinary Items	610,632	(50,593)	403,880	(3,900)
Other Extraordinary Items	0	0	0	0
Gain / Loss on Disposal of F/A	0	0	(32,017)	0
Net Income (Loss) After Extraordinary Items	610,632	(50,593)	371,863	(3,900)

ELECTRIC DEPARTMENT

OPERATING EXPENSES

	Actual 2021-22	Budget 2022-23	Projected Curr Yr End Balance	Proposed Budget 2023-24
GENERATION:				
<i>POWER PLANT - Diesels</i>				
Generation Supervision & Labor	259,284	265,172	308,214	299,000
Diesel Plant Generating Fuel	5,398	5,000	11,994	8,000
EPA Emissions & NOX Fees	4,229	10,000	10,229	10,280
Lube/Oil/Supplies Expense	1,245	3,030	10	1,500
Water & Water Treatment	449	500	456	450
Buildings & Generation Equipment	36,030	14,500	27,211	16,030
<i>BEARDMORE ENERGY CENTER</i>				
Gas/Oil Expense	125,525	95,000	1,778,861	127,000
Gas Turbine Generator Maintenance	32,110	65,000	193,098	122,570
Purchased Power	6,591,105	7,072,000	6,924,575	7,000,000
<i>Generation Total</i>	7,055,375	7,530,202	9,254,648	7,584,830
TRANSMISSION & DISTRIBUTION:				
	Actual 2021-22	Budget 2022-23	Projected Curr Yr End Balance	Proposed Budget 2023-24
Transmission & Distrib. Labor	500,117	516,515	539,854	603,400
Maint Trans. & Distr. Sys. Expense	195,137	175,000	98,297	159,050
Tree Trimming Expense	84,278	80,000	100,190	120,000
Maint. of Services & Meters	6,386	7,000	6,413	7,450
SCADA System	14,562	15,000	16,704	0
Special City Service Labor	0	0	0	0
Special City Service Expense	4,062	1,990	5,626	2,490
<i>Transmission & Distribution Total</i>	804,542	796,505	767,086	892,390

ELECTRIC DEPARTMENT

(Expenses Continued)

	Actual 2021-22	Budget 2022-23	Projected Curr Yr End Balance	Proposed Budget 2023-24
CUSTOMERS' ACCOUNTING AND NETWORK SYSTEMS:				
I T, Network, & Communications Labor	140,888	146,036	142,082	156,900
I T, Network, & Communications Expense	21,634	19,600	27,666	45,000
Generation Office Supplies & Expense	11,271	14,553	15,354	15,920
Trans. & Distr. Office Supplies & Expense	27,156	26,535	34,639	30,270
Office Salaries & Wages	193,667	196,519	193,987	203,500
General Office Supplies & Expense	25,735	83,320	93,941	93,260
Meter Services Wages	42,957	37,793	37,502	33,500
Meter Services Expense	1,380	2,000	346	1,000
	464,688	526,356	545,518	579,350
ADMINISTRATIVE AND GENERAL:				
Admin. & Warehouse Wages	179,194	152,225	146,302	151,700
Industrial Developer	4,998	6,600	4,950	4,950
Professional Services/Engineering	28,973	40,000	17,849	30,430
Customer Marketing	4,327	4,000	3,402	3,410
Health & Life insurance	253,176	279,540	278,894	328,000
Training, Meeting, & Education	11,347	23,200	21,165	23,970
Vehicle Expense	26,634	26,000	40,778	40,970
Warehouse Expense	18,943	25,250	20,228	40,350
Commercial Liability Umbrella Insurance	176,455	173,600	213,185	229,000
Bad Debts	4,710	28,000	14,456	14,520
Miscellaneous Expense	18,519	18,710	16,403	18,710
Pension Expense	122,933	111,578	126,883	137,500
Payroll & Unemployment Taxes	95,918	94,841	99,650	110,850
	946,126	983,544	1,004,146	1,134,360
TOTALS	9,270,731	9,836,607	11,571,398	10,190,930

ELECTRIC DEPARTMENT

NON-OPERATING REVENUES & EXPENSES

	Actual 2021-22	Budget 2022-23	Projected Curr Yr End Balance	Proposed Budget 2023-24
NON-OPERATING REVENUE				
Interest Income	44,668	58,420	94,200	171,550
Delinquent Charges	66,977	75,000	68,623	70,000
Farm Income / (Expense)	1,800	1,800	1,800	1,800
Other Income	18,520	12,600	15,775	12,810
	<u>131,965</u>	<u>147,820</u>	<u>180,398</u>	<u>256,160</u>
NON-OPERATING EXPENSE				
Interest Expense	0	0	0	0
Other Expense	0	0	0	0
	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

ELECTRIC DEPARTMENT

REVENUE & EXPENSE-- 5-YR PROJECTIONS

REVENUE:

Gross Billings
 MoPep Capacity & Generation Credits
 Electric misc. bills, temp, & connection fees
 Fiber Lease Revenue

TOTAL

EXPENSES:

Production, generation & purchase power
 Transmission & Distribution
 Customer Accounting & Collection
 Administrative & General

Depreciation

TOTAL

Operating Income

Non-operating Income
(netted Revenues + Expenses)

Extraordinary Items

NET INCOME

	Year: 2021 - 2022	Year: 2022- 2023	Year: 2023 - 2024	Year: 2024 - 2025	Year: 2025 - 2026	Year: 2026 - 2027	Year: 2027 - 2028
Gross Billings	9,677,812	9,699,078	9,821,680	9,821,680	9,821,680	9,821,680	9,821,680
MoPep Capacity & Generation Credits	879,794	2,850,797	881,000	881,000	881,000	881,000	881,000
Electric misc. bills, temp, & connection fees	52,006	74,585	51,770	51,770	51,770	51,770	51,770
Fiber Lease Revenue	7,800	16,833	17,920	17,920	17,920	17,920	17,920
TOTAL	10,617,412	12,641,293	10,772,370	10,772,370	10,772,370	10,772,370	10,772,370
Production, generation & purchase power	7,055,375	9,254,648	7,584,830	7,588,342	7,591,874	7,595,428	7,599,004
Transmission & Distribution	804,542	767,086	892,390	896,852	901,336	905,843	910,372
Customer Accounting & Collection	464,688	545,518	579,350	584,716	590,131	595,596	601,112
Administrative & General	946,126	1,004,146	1,134,360	1,143,769	1,153,257	1,162,823	1,172,468
Depreciation	868,015	820,913	841,500	883,575	927,754	974,141	1,022,849
TOTAL	10,138,745	12,392,310	11,032,430	11,097,254	11,164,352	11,233,832	11,305,805
Operating Income	478,667	248,982	(260,060)	(324,884)	(391,982)	(461,462)	(533,435)
Non-operating Income <small>(netted Revenues + Expenses)</small>	131,965	154,898	256,160	256,160	256,160	256,160	256,160
Extraordinary Items	0	(32,017)	0	0	0	0	0
NET INCOME	610,632	371,863	(3,900)	(68,724)	(135,822)	(205,302)	(277,275)

ELECTRIC DEPARTMENT

WORKING CAPITAL STATEMENT -- 5-YR PROJECTIONS

	Year: 2021 - 2022	Year: 2022-2023	Year: 2023 - 2024	Year: 2024 - 2025	Year: 2025 - 2026	Year: 2026 - 2027	Year: 2027 - 2028
SOURCES OF WORKING CAPITAL							
OPERATIONS:							
Net Income	610,632	371,863	(3,900)	(68,724)	(135,822)	(205,302)	(277,275)
Items not Requiring Working Capital:							
Depreciation	868,015	820,913	841,500	883,575	927,754	974,141	1,022,849
Working capital provided by operations	1,478,646	1,192,776	837,600	814,851	791,932	768,840	745,574
Returned Debt Reserves for capital projects	0	0	0	0	0	0	0
Total sources of working capital	1,478,646	1,192,776	837,600	814,851	791,932	768,840	745,574
USES OF WORKING CAPITAL							
Acquisition of Property, Plant, & Equipment	705,974	697,198	1,903,095	896,000	470,000	565,000	360,000
Fund Reserve Electric cap. improv. program	0	0	0	0	0	0	0
Debt Service Principal	0	0	0	0	0	0	0
Other Sources (inventory increase etc.)	0	0	0	0	0	0	0
Total uses of working capital	705,974	697,198	1,903,095	896,000	470,000	565,000	360,000
Draw on Reserves	0	0	1,065,495	81,149	0	0	0
Net Increase (Decrease) in Working Capital	772,672	495,578	0	0	321,932	203,840	385,574

Water Department

Budget – For City Council

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Current	Code	Meter Size	Cust Chg	Multi Unit
	(none)	<1"	\$ 14.00	\$14.00
	A	1"	\$ 17.00	\$17.00
	B	1-1/2"	\$ 23.00	\$23.00
8B & 12B	C	2"	\$ 40.00	\$40.00
8C & 12C	D	3"	\$ 63.00	\$63.00
	E	>=4"	\$ 72.00	\$72.00
	07	RW	\$ 4,750	
	Rate Tier 1	\$ 3.10		
	Rate Tier 2	\$ 2.23		

Proposed	Code	Meter Size	Cust Chg	Multi Unit
	(none)	<1"	\$ 16.00	\$16.00
	A	1"	\$ 19.50	\$19.50
	B	1-1/2"	\$ 26.00	\$26.00
8B & 12B	C	2"	\$ 45.50	\$45.50
8C & 12C	D	3"	\$ 71.50	\$71.50
	E	>=4"	\$ 81.50	\$81.50
	07	RW	\$ 5,300	
	Rate Tier 1	\$ 3.50		
	Rate Tier 2	\$ 2.55		

Rate Summary & Projections

Water	# of Cust	Gallons 1st Step (50,000)	Gallons 2nd Step	Total Gallons	Annualized # of Cust
Residential	3,206	125,162,965	1,103,166	126,266,131	38,475
Commercial	526	42,082,664	73,344,772	115,427,436	6,315
Industrial	32	6,177,486	42,120,682	48,298,168	378
CMU	9	1,102,341	3,229,479	4,331,820	111
City	22	2,041,633	1,428,710	3,470,343	265
Multis	66	7,389,363	848,958	8,238,321	788
Total	3,861	183,956,452	122,075,767	306,032,219	46,332

Rate Table - Current			
Quantity	Cost/1000	Revenue	
Base Rate	<i>Based on Meter Size</i>	\$687,076	
Rate Tier 1	50,000 \$3.10	\$570,265	
Rate Tier 2	Excess \$2.23	\$272,229	
Total		\$1,529,570	
Revenue per 1000 Gallons		\$5.00	
Rural Water Revenue		\$344,811	
Total Annual Revenue		\$1,874,381	

Rate Table - Proposed				
Quantity	Cost/1000	Revenue	% of Increase	\$ Increase
Base Rate	<i>Based on Meter Size</i>	\$784,973	14.2%	\$97,897
Rate Tier 1	50,000 \$3.50	\$643,848	12.9%	\$73,583
Rate Tier 2	Excess \$2.55	\$311,293	14.3%	\$39,064
Total		\$1,740,113	13.8%	\$210,543
Rev per 1000 Gallons		\$5.69		
Rural Water Revenue		\$384,329	11.5%	\$39,518
Total Annual Revenue		2,124,442.19		
Total Revenue Increase [includes RW Increase in Revenue]				\$250,061

USAGE TABLE

Meter Size	Consumption	# of Customers			Old Rate	Proposed Rate
		Residential	Commercial	Total		
	1,000	478	246	723	\$ 17.10	\$ 19.50
	2,000	711	112	823	\$ 20.20	\$ 23.00
	3,000	659	57	716	\$ 23.30	\$ 26.50
	4,000	494	38	532	\$ 26.40	\$ 30.00
	5,000	327	20	346	\$ 29.50	\$ 33.50
	6,000	199	18	216	\$ 32.60	\$ 37.00
	7,000	117	17	135	\$ 35.70	\$ 40.50
	8,000	68	12	80	\$ 38.80	\$ 44.00
	9,000	46	10	56	\$ 41.90	\$ 47.50
	10,000	28	10	38	\$ 45.00	\$ 51.00
1"	11,000	20	7	27	\$ 51.10	\$ 58.00
	12,000	11	6	17	\$ 54.20	\$ 61.50
	13,000	9	6	15	\$ 57.30	\$ 65.00
	14,000	7	5	12	\$ 60.40	\$ 68.50
	15,000	5	3	8	\$ 63.50	\$ 72.00
1-1/2"	20,000	14	12	26	\$ 85.00	\$ 96.00
	25,000	7	9	16	\$ 100.50	\$ 113.50
	30,000	3	7	10	\$ 116.00	\$ 131.00
	35,000	2	6	8	\$ 131.50	\$ 148.50
2"	40,000	1	4	4	\$ 164.00	\$ 185.50
	45,000	1	3	4	\$ 179.50	\$ 203.00
	50,000	0	3	3	\$ 195.00	\$ 220.50
	100,000	1	19	21	\$ 306.50	\$ 348.00
	150,000	0.17	11	11	\$ 418.00	\$ 475.50
	200,000	0.33	5	5	\$ 529.50	\$ 603.00
3"	250,000	0.00	2	2	\$ 664.00	\$ 756.50
	500,000	0.08	4	4	\$ 1,221.50	\$ 1,394.00
	1,000,000	0	2	2	\$ 2,336.50	\$ 2,669.00
4"	2,000,000	0	2	2	\$ 4,575.50	\$ 5,229.00
	3,000,000	0	0	0	\$ 6,805.50	\$ 7,779.00
	4,000,000	0	1	1	\$ 9,035.50	\$ 10,329.00
	5,000,000	0	0.3333	0	\$ 11,265.50	\$ 12,879.00
	>5,000,000	0	0	0		
	Totals	3,206	655	3,861		

Rural Water

Rate Table - Current

Minimum	\$4,750	
1st	2,000,000	\$2.38 per 1,000 gals
Excess		\$2.38 per 1,000 gals

Date	District 1			District 2			District 3			Totals		
	Gallons	Amount	Avg \$/1000	Gallons	Amount	Avg \$/1000	Gallons	Amount	Avg \$/1000			
1/31/2023	2,043,900	\$4,854	\$2.38	2,021,459	\$4,801	\$2.38	6,726,000	\$15,998	\$2.38			
12/29/2022	2,489,800	\$5,916	\$2.38	2,519,826	\$5,987	\$2.38	6,408,000	\$15,241	\$2.38			
11/30/2022	1,736,600	\$4,750	\$2.74	2,300,678	\$5,466	\$2.38	7,519,000	\$17,885	\$2.38			
10/27/2022	1,899,800	\$4,750	\$2.50	2,684,363	\$6,379	\$2.38	6,862,000	\$16,322	\$2.38			
9/29/2022	2,119,600	\$5,035	\$2.38	3,785,949	\$9,001	\$2.38	7,432,000	\$17,678	\$2.38			
8/31/2022	2,014,600	\$4,785	\$2.38	3,249,741	\$7,724	\$2.38	6,742,000	\$16,036	\$2.38			
7/28/2022	1,902,200	\$4,750	\$2.50	4,103,001	\$9,755	\$2.38	7,190,000	\$17,102	\$2.38			
6/29/2022	2,272,000	\$5,397	\$2.38	4,784,954	\$11,378	\$2.38	6,452,000	\$15,346	\$2.38			
5/31/2022	1,949,400	\$4,750	\$2.44	5,000,264	\$11,891	\$2.38	6,486,000	\$15,427	\$2.38			
4/28/2022	1,859,100	\$4,750	\$2.55	3,526,315	\$8,383	\$2.38	6,036,000	\$14,356	\$2.38			
3/30/2022	1,663,000	\$4,750	\$2.86	3,159,149	\$7,509	\$2.38	5,809,000	\$13,815	\$2.38			
2/28/2022	1,929,600	\$4,750	\$2.46	2,468,175	\$5,864	\$2.38	6,824,000	\$16,231	\$2.38			
Total	23,879,600	\$59,237	\$2.48	39,603,874	\$94,137	\$2.38	80,486,000	\$191,437	\$2.38	\$344,811	2.40	143,969,474

Rate Table - Proposed

Minimum	\$5,300	
1st	2,000,000	\$2.65 per 1,000 gals
Excess		\$2.65 per 1,000 gals

Date	District 1			District 2			District 3			Totals		
	Gallons	Amount	Avg \$/1000	Gallons	Amount	Avg \$/1000	Gallons	Amount	Avg \$/1000			
01/31/2023	2,043,900	\$5,416	\$2.65	2,021,459	\$5,357	\$2.65	6,726,000	\$17,824	\$2.65			
12/29/2022	2,489,800	\$6,598	\$2.65	2,519,826	\$6,678	\$2.65	6,408,000	\$16,981	\$2.65			
11/30/2022	1,736,600	\$5,300	\$3.05	2,300,678	\$6,097	\$2.65	7,519,000	\$19,925	\$2.65			
10/27/2022	1,899,800	\$5,300	\$2.79	2,684,363	\$7,114	\$2.65	6,862,000	\$18,184	\$2.65			
09/29/2022	2,119,600	\$5,617	\$2.65	3,785,949	\$10,033	\$2.65	7,432,000	\$19,695	\$2.65			
08/31/2022	2,014,600	\$5,339	\$2.65	3,249,741	\$8,612	\$2.65	6,742,000	\$17,866	\$2.65			
07/28/2022	1,902,200	\$5,300	\$2.79	4,103,001	\$10,873	\$2.65	7,190,000	\$19,054	\$2.65			
06/29/2022	2,272,000	\$6,021	\$2.65	4,784,954	\$12,680	\$2.65	6,452,000	\$17,098	\$2.65			
05/31/2022	1,949,400	\$5,300	\$2.72	5,000,264	\$13,251	\$2.65	6,486,000	\$17,188	\$2.65			
04/28/2022	1,859,100	\$5,300	\$2.85	3,526,315	\$9,345	\$2.65	6,036,000	\$15,995	\$2.65			
03/30/2022	1,663,000	\$5,300	\$3.19	3,159,149	\$8,372	\$2.65	5,809,000	\$15,394	\$2.65			
02/28/2022	1,929,600	\$5,300	\$2.75	2,468,175	\$6,541	\$2.65	6,824,000	\$18,084	\$2.65			
Total	23,879,600	\$66,091	\$2.77	39,603,874	\$104,950	\$2.65	80,486,000	\$213,288	\$2.65	\$384,329	2.67	143,969,474

under 2mm tier 12,939,700

<2000000 12,939,700
>2000000 131,029,774

Increased Revenue	\$39,518
% of Increase	11.5%
Avg Rev/1000 Gals	\$2.67

City	Base Rates -- Based off Meter Size							Tiers	Non-Commercial Rate per 1,000 gallons	Commercial Rate per 1,000 gallons	Inside vs. Outside City Limits	Wholesale/ Resale Rates
	<1"	1"	1-1/2"	2"	3"	4"	6"					
CMU Rates	\$14.00	\$17.00	\$23.00	\$40.00	\$63.00	\$72.00	\$4,750.00	1st 50k at \$3.10 any over is \$2.23	\$3.10-\$2.23	\$3.10-\$2.23	\$3.10-\$2.23	\$2.38
CMU - Proposed	\$16.00	\$19.50	\$26.00	\$45.50	\$71.50	\$81.50	\$5,300.00	1st 50k at \$3.50 any over is \$2.55	\$3.50-\$2.55	\$3.50-\$2.55	\$3.50-\$2.55	\$2.65
Higginsville	\$19.11	\$21.32	\$25.01	\$29.43	\$41.20	\$63.29	\$113.34	\$5.56	\$5.56	5.56	inside\$5.56, outside \$8.49	1st 7.5m-\$4.07, over \$3.47
Marshall	\$12.00	\$12.00	not offered	\$25.00	\$45.00	\$45.00	\$60.00	1st 20k-\$4.95, 230k-\$4.07	\$4.95	\$3.52 over 250k-\$3.14 over 5mg	\$4.95-\$4.07	\$4.04
Macon	\$13.25							\$3.32	\$3.32	\$3.78 1st9k \$3.48 <1m \$3.73 1st 9k -\$3.13 up to 1m, \$3.03 over 1m	inside-\$3.32, outside-\$4.19	\$3.03
Hannibal	\$23.75	\$34.00	\$79.00	\$125.00	\$216.00	\$341.00	\$620.00	\$5.60	\$5.60	\$5.27 up to 750k over 750k \$5.16	inside-\$5.60, outside-\$11.20	\$5.09
Moberly	\$9.00	\$12.00		\$25.00	\$50.00	\$100.00	\$200.00	\$7.41	\$7.41	\$7.41	inside-\$7.41 outside-\$22.24	inside-\$7.41, outside-\$22.24
Trenton	\$15.20	\$20.40	\$40.40	\$47.50	\$89.35	\$188.05	\$364.80	inside 1st 7.5k \$7.87, 67k-\$6.87, 1.4m-\$5.56	\$7.87	\$7.87	outside 1st 7.5k \$9.34, next 67k-\$8.14, next 1.4m-\$6.59, over 1.4m-\$4.59	Same
Cameron	\$14.52							1st 1.5k inc./next 10.5k-\$9.28/next 15k-\$6.74, over 27k \$4.74	1st 1.5k inc./next 10.5k-\$9.28/next 15k-\$6.74, over 27k \$4.74	1st 1.5k inc./next 10.5k-\$9.28/next 15k-\$6.74, over 27k \$4.74	1st 1.5k inc./next 10.5k-\$9.28/next 15k-\$6.74, over 27k \$4.74	1st 1.5k inc./next 10.5k-\$9.28/next 15k-\$6.74, over 27k \$4.74
Boonville	\$26.73	\$46.78	\$79.19	\$118.76	\$209.94	\$340.69	\$667.01	1st 1k inc., 9k -\$7.62, 10-50k-\$5.93, over 50k-\$5.41	2nd 1k inc., 9k -\$7.62, 10-50k-\$5.93, over 50k-\$5.41	3rd 1k inc., 9k -\$7.62, 10-50k-\$5.93, over 50k-\$5.41	4th 1k inc., 9k -\$7.62, 10-50k-\$5.93, over 50k-\$5.41	5th 1k inc., 9k -\$7.62, 10-50k-\$5.93, over 50k-\$5.41
Chillicothe PWSD #2	\$24.38											
St Joseph (American Water)	\$16.00	\$25.00	\$45.00	\$65.00	\$115.00	\$180.00	\$350.00	\$8.57				\$3.26
Liberty	\$11.26							\$7.21				
Richmond								\$9.92				

**WATER DEPARTMENT
CAPITAL IMPROVEMENTS
FYE 3/31/2024**

Capital Items

Year: 2023-2024 (Option 1)		
1	Plant Windows/Roof/Asbestos Removal - Phase #2	\$57,000
2	Replace Unit #3 (2011 Chevy 4WD/Crew Cab w/Trade-in)	\$45,000
3	Lime Drying Beds (2 beds)	\$300,000
		Total
		<u><u>\$402,000</u></u>

Year: 2023-2024 (Option 2)	
Install Distribution Mains (New Industrial Park)	\$300,000

Year: 2024-2025		
1	Pending Option 1 or 2 from 2023-2024	\$300,000
2	Replace Unit #28 (2014 JD 310 Backhoe w/ \$25k trade-in)	\$125,000
3	Replace HSP #3	\$85,000
4	Computer Upgrades	\$5,100
		Total
		<u><u>\$515,100</u></u>

Year: 2025-2026		
1	Water Towers #1 & #2 - Paint and Repair	\$300,000
2	Lime Sludge Drag Equipment	\$150,000
3	Replace Unit #31 (2015 E45 Bobcat Compact Excavator w/ \$20k trade-in)	\$80,000
4	Lime Slaker #1	\$200,000
		Total
		<u><u>\$730,000</u></u>

Year: 2026-2027		
1	Replace Distribution Mains (Fair St. & Oak St. & Springhill St. / Miller St.)	\$300,000
2	Lime Pump & Agitator	\$70,000
3	Test Pump 2 Wells and Chemical Treatment (Every 5 Yrs)	\$30,000
4	Replace Fire Hydrants	\$17,500
5	Replace 1988 GMC Dump Truck Unit #8 w/trade in \$2.5k (Carryover from FYE 2023)	\$75,000
6	Aerator at Water Plant	\$200,000
		Total
		<u><u>\$692,500</u></u>

[\$37.5k from WW]

Year: 2027-2028		
1	Replace Distribution Mains (11th St. & Maple St. & Church St.)	\$300,000
		Total
		<u><u>\$300,000</u></u>

Special Expense Items

1	Test Pump 2 Wells and Chemical Treatment (Every 5 Yrs)	\$30,000
2	Motor Control Center starters	\$26,000
		Total
		<u><u>\$56,000</u></u>

WATER DEPARTMENT

INCOME STATEMENT

<u>REVENUES</u>	Actual 2021-22	Budget 2022-23	Projected Curr Yr End Balance	Proposed Budget 2023-24
Gross Billings	1,770,567	1,875,691	1,909,404	2,128,720
Misc Billings, Tap, Temp, & Connection Fees	29,486	14,600	28,981	24,350
Other / Misc Refunds	0	0	0	0
Total Revenues	1,800,053	1,890,291	1,938,385	2,153,070
<u>EXPENSES</u>				
Plant, Pumping, & Purification	723,199	749,117	785,640	821,490
Distribution System	194,111	211,980	241,628	249,510
Customer Accounting & Network Systems	210,200	199,338	173,745	184,800
Administrative & General	403,378	443,989	442,828	471,670
Depreciation	338,785	386,900	295,084	305,000
Total Expenses	1,869,673	1,991,324	1,938,926	2,032,470
Operating Income (Loss)	(69,621)	(101,033)	(541)	120,600
Nonoperating Revenue	66,217	72,598	73,928	100,310
Nonoperating Expenses	0	0	0	0
Operating Transfers OUT	0	(4,500)	(4,500)	0
Operating Transfers IN	0	25,000	0	0
Net Income (Loss) Before Extraordinary Items	(3,404)	(7,935)	68,887	220,910
(Gain) / Loss on Disposal of F/A	0	0	0	0
Net Income (Loss) After Extraordinary Items	(3,404)	(7,935)	68,887	220,910

WATER DEPARTMENT

OPERATING EXPENSES

	Actual 2021-22	Budget 2022-23	Projected Curr Yr End Balance	Proposed Budget 2023-24
PLANT, PUMPING, AND PURIFICATION:				
Plant Labor	393,900	398,799	414,614	443,800
Chemicals & Handling	116,391	125,000	136,233	130,000
Misc Plant Supplies & Expense	2,202	4,000	3,403	3,410
Laboratory Supplies & Expense	36,481	36,000	33,271	33,430
Plant Utilities & Fuel	122,262	125,515	129,343	129,980
Sludge Basin	28,360	35,000	33,411	33,570
Plant Pumps & Purification Equipment	7,644	10,000	11,570	31,680
Plant Buildings & Grounds	12,593	12,303	19,479	12,790
Misc Equipment & Tools	3,367	2,500	4,317	2,830
<i>Plant Expenses Total</i>	723,199	749,117	785,640	821,490

DISTRIBUTION SYSTEMS:

	Actual 2021-22	Budget 2022-23	Projected Curr Yr End Balance	Proposed Budget 2023-24
Distribution Labor	135,810	157,033	145,496	167,900
Misc Distribution Supplies & Expense	54	202	1,454	250
Elevated Tanks & Towers	2,291	1,215	3,523	1,250
Distribution Mains	33,089	35,000	30,681	30,830
Services & Meters Maintenance	5,246	4,025	4,358	4,370
Water Wells	17,622	14,000	54,142	44,910
Special City Service Labor	0	0	1,975	0
Special City Service Expense	0	505	0	0
<i>Distribution Systems Expenses Total</i>	194,111	211,980	241,628	249,510

WATER DEPARTMENT

(Expenses Continued)

	Actual 2021-22	Budget 2022-23	Projected Curr Yr End Balance	Proposed Budget 2023-24
CUSTOMERS' ACCOUNTING AND NETWORK SYSTEMS:				
I T, Network, & Communications Labor	9,189	9,524	9,266	9,600
I T, Network, & Communications Expense	1,121	253	0	0
Water Office Supplies & Expense	20,019	35,980	18,847	24,500
Office Salaries & Wages	88,031	89,327	88,176	92,500
General Office Supplies & Expense	78,967	50,567	46,870	47,100
Meter Services Wages	12,444	10,689	10,586	11,100
Meters Expense	430	3,000	0	0
	210,200	199,338	173,745	184,800
ADMINISTRATIVE AND GENERAL:				
Admin & Warehouse Wages	31,342	28,066	27,242	28,300
Industrial Developer	2,250	2,250	2,250	2,250
Engineering & Professional Fees	5,500	45,465	19,848	6,500
Health & Life Insurance	141,949	155,366	154,915	177,000
Training, Meeting & Education	2,581	2,020	3,948	2,500
Vehicle Expense	12,931	10,500	17,053	14,960
Warehouse Expense	5,253	3,500	3,525	3,530
Commercial Liability Umbrella Insurance	80,200	78,900	93,072	104,000
Bad Debts	1,250	4,500	2,246	2,250
Miscellaneous	8,044	3,000	5,470	4,860
Pension -- LAGERS	63,938	59,670	64,051	69,830
Payroll & Unemployment Taxes	48,142	50,753	49,207	55,690
	403,378	443,989	442,828	471,670
Total Operating Expenses	1,530,888	1,604,424	1,643,841	1,727,470

WATER DEPARTMENT

NON-OPERATING REVENUES & EXPENSES

NON-OPERATING REVENUE	Actual 2021-22	Budget 2022-23	Projected Curr Yr End Balance	Proposed Budget 2023-24
Interest Income	3,758	5,500	5,384	33,900
Other NOR	546	1,000	148	1,000
Delinquent Charges	30,444	34,000	31,192	31,340
Other Income -- Tower Leases & Realized G/L on F/A	31,469	32,098	37,204	34,070
	<u>66,217</u>	<u>72,598</u>	<u>73,928</u>	<u>100,310</u>
 NON-OPERATING EXPENSE				
Interest Expense	0	0	0	0
Other Expense	0	0	0	0
	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

WATER DEPARTMENT

REVENUE & EXPENSE-- 5-YR PROJECTIONS

	Year: 2021 - 2022	Year: 2022-2023	Year: 2023 - 2024	Year: 2024 - 2025	Year: 2025 - 2026	Year: 2026 - 2027	Year: 2027 - 2028
REVENUE:							
Gross Billings	1,770,567	1,909,404	2,128,720	2,128,720	2,128,720	2,128,720	2,128,720
Misc Billings, Tap, Temp, & Connection Fees	29,486	28,981	24,350	24,350	24,350	24,350	24,350
Other / Misc Refunds	0	0	0	0	0	0	0
TOTAL	1,800,053	1,938,385	2,153,070	2,153,070	2,153,070	2,153,070	2,153,070
EXPENSES:							
Plant, Pumping, & Purification	723,199	785,640	821,490	823,544	825,603	827,667	829,736
Distribution System	194,111	241,628	249,510	259,862	239,269	240,565	241,868
Customer Accounting & Network Systems	210,200	173,745	184,800	185,801	186,807	187,819	188,837
Administrative & General	403,378	442,828	471,670	474,225	476,794	479,376	481,973
Depreciation	338,785	295,084	305,000	320,250	336,263	353,076	370,729
TOTAL	1,869,673	1,938,926	2,032,470	2,063,681	2,064,735	2,088,503	2,113,143
Operating Income	(69,621)	(541)	120,600	89,389	88,335	64,567	39,927
Non-operating Income <small>(netted Revenues + Expenses)</small>	66,217	73,928	100,310	100,310	100,310	100,310	100,310
Extraordinary Items	0	(4,500)	0	0	0	0	0
NET INCOME	(3,404)	68,887	220,910	189,699	188,645	164,877	140,237

WATER DEPARTMENT

WORKING CAPITAL STATEMENT -- 5-YR PROJECTIONS

	Year: 2021 - 2022	Year: 2022-2023	Year: 2023 - 2024	Year: 2024 - 2025	Year: 2025 - 2026	Year: 2026 - 2027	Year: 2027 - 2028
SOURCES OF WORKING CAPITAL							
OPERATIONS:							
Net Income	(3,404)	68,887	220,910	189,699	188,645	164,877	140,237
Items not Requiring Working Capital:							
Depreciation	338,785	295,084	305,000	320,250	336,263	353,076	370,729
Working capital provided by operations	335,382	363,971	525,910	509,949	524,907	517,953	510,967
Returned Debt Reserves for capital projects	0	0	0	0	0	0	0
Total sources of working capital	335,382	363,971	525,910	509,949	524,907	517,953	510,967
USES OF WORKING CAPITAL							
Acquisition of Property, Plant, & Equipment	644,769	236,301	402,000	515,100	730,000	692,500	300,000
Fund Reserve WATER cap. improv. program	0	0	0	0	0	0	0
Debt Service Principal	0	0	0	0	0	0	0
Other Sources (inventory increase etc.)	0	0	0	0	0	0	0
Total uses of working capital	644,769	236,301	402,000	515,100	730,000	692,500	300,000
Draw on Reserves	309,387	0	0	5,151	205,093	174,547	0
Net Increase (Decrease) in Working Capital	0	127,670	123,910	0	0	0	210,967

Wastewater Department

Budget – For City Council

Review on 3/23/2023
& Approval at Meeting on 3/27/2023

For Fiscal Year Ending
March 31, 2024



**WASTEWATER DEPARTMENT
CAPITAL IMPROVEMENTS
FYE 3/31/2024**

Year: 2023-2024 (Option 1)

1	Sewer Line Improvements (Lining Project)		\$600,000
2	Replace Unit #27 (2005 Case Backhoe)		\$105,000
Total			\$705,000

Year: 2023-2024 (Option 2)

Sewer Collection System (New Industrial Park) \$600,000

Year: 2024-2025

1	Basin Sand Blasting & Coating		\$100,000
2	Replace Unit #32 (2016 Polaris UTV-ATV to be sold/old unit to #10)		\$17,750
3	Replace Unit #34 (2001 Jetter Line Cleaner)		\$100,000
4	Concrete Replacement - Phase #1		\$50,000
5	Computer Upgrades		\$5,100
Total			\$272,850

Year: 2025-2026

1	Basin Sand Blasting & Coating		\$200,000
2	Replace Unit #30 (2019 Chevy 4WD)		\$35,000
Total			\$235,000

Year: 2026-2027 (Option 1)

1	Sewer Line Improvements (Lining Project)		\$600,000
2	System improvements -- Rails and Grated Walkways Galvanized		\$75,000
Total			\$675,000

Year: 2023-2024 (Option 2)

Sewer Collection System (New Industrial Park) \$600,000

Year: 2027-2028

1	Basin Sand Blasting & Coating		\$200,000
2	Replace Unit #38 (2019 Kubota 4WD Mower w/trade -in)		\$12,000
3	System improvements		\$75,000
Total			\$287,000

Special Expense Items

1	Levee Repair (reduces farm income)		\$25,000
Total			\$25,000

WASTE WATER DEPARTMENT

INCOME STATEMENT

<u>REVENUES</u>	Actual 2021-22	Budget 2022-23	Projected Curr Yr End Balance	Proposed Budget 2023-24
Gross Billings	1,281,929	1,301,642	1,265,114	1,265,780
Misc. Bills -- tap/temp/connection fees	16,633	15,000	16,969	14,630
Other / Misc. Refunds	0	0	0	0
<i>Total Revenues</i>	1,298,562	1,316,642	1,282,083	1,280,410
<u>EXPENSES</u>				
Treatment Plant	443,933	363,124	382,479	376,900
Sewer Systems Maintenance	136,099	176,504	146,192	185,380
Customer Accounting & Network Systems	98,295	95,857	82,310	87,410
Administrative & General	282,896	303,736	295,690	341,880
Depreciation	529,794	451,600	483,130	503,700
<i>Total Expenses</i>	1,491,017	1,390,821	1,389,801	1,495,270
Operating Income (Loss)	(192,455)	(74,180)	(107,718)	(214,860)
Nonoperating Revenue	104,539	78,400	110,447	122,400
Nonoperating (Expenses)	0	0	0	0
Operating Transfers OUT	0	(25,000)	0	0
Operating Transfers IN	0	30,000	30,000	0
Net Income (Loss) Before Extraordinary Items	(87,915)	9,220	32,729	(92,460)
(Gain) / Loss on Disposal of F/A	0	0	0	0
Net Income (Loss) After Extraordinary Items	(87,915)	9,220	32,729	(92,460)

WASTE WATER DEPARTMENT

OPERATING EXPENSES

	Actual 2021-22	Budget 2022-23	Projected Curr Yr End Balance	Proposed Budget 2023-24
TREATMENT PLANT:				
Supervision & Plant Labor	250,078	225,874	201,750	241,600
Chemicals & Handling	8,693	8,000	11,605	10,000
Laboratory Supplies	7,579	10,550	9,387	9,550
Plant Utilities	83,428	85,000	77,619	80,000
General, Fuel, & Misc	1,894	1,500	3,941	2,500
Plant & Piping Equipment	12,650	9,000	57,460	9,180
Mechanical Devices	16,395	10,000	504	9,200
Plant Equipment & Tools	2,294	1,000	2,419	1,000
Plant Grounds & Lift Station	41,764	3,000	6,465	3,000
Sludge Handling & Disposal	7,202	8,500	11,303	10,170
Irrigation System	11,956	700	27	700
<i>Plant Expenses Total</i>	443,933	363,124	382,479	376,900

	Actual 2021-22	Budget 2022-23	Projected Curr Yr End Balance	Proposed Budget 2023-24
COLLECTION SYSTEMS:				
Collection Labor	122,531	157,033	127,570	172,000
Vehicles & Equipment	2,884	4,500	2,084	2,090
Supplies & Materials	0	76	0	0
Tools	7,654	7,000	1,790	4,290
Sanitary Sewer Services	3,032	7,895	13,761	7,000
Special City Services - Labor	0	0	987	0
Special City Services - Expense	0	0	0	0
<i>Collection Systems Expenses Total</i>	136,099	176,504	146,192	185,380

WASTE WATER DEPARTMENT

(Expenses Continued)

	Actual 2021-22	Budget 2022-23	Projected Curr Yr End Balance	Proposed Budget 2023-24
CUSTOMERS' ACCOUNTING AND NETWORK SYSTEMS:				
I T, Network, & Communications Labor	3,062	3,175	3,089	3,200
I T, Network, & Communications Expense	281	1,000	0	0
Waste Water Office Supplies & Other	15,708	24,038	14,616	17,170
Office Salaries & Wages	35,212	35,731	35,271	37,000
General Office Supplies & Expense	31,587	20,226	18,748	18,840
Meter Services Wages	12,444	10,689	10,586	11,200
Meter Services Supplies	0	1,000	0	0
	98,295	95,857	82,310	87,410
ADMINISTRATIVE AND GENERAL:				
Admin & Warehouse Wages	31,342	28,066	27,242	28,400
Industrial Developer	900	900	900	900
Engineering & Professional fees	12,036	20,500	18,784	25,180
Health & Life Insurance	111,934	129,719	127,798	144,000
Meetings, Training & Education	3,547	3,500	2,539	2,550
Fuel Expense	6,321	6,000	9,520	9,560
Warehouse Expense	4,577	2,020	2,469	2,000
Commercial Liability Umbrella Insurance	32,072	31,550	37,223	41,700
Bad Debts	1,489	4,500	1,531	1,500
Miscellaneous	2,792	1,055	2,673	1,050
Pension -- LAGERS	43,716	41,074	36,850	47,330
Payroll & Unemployment Taxes	32,171	34,852	28,160	37,710
	282,896	303,736	295,690	341,880
TOTAL	961,223	939,221	906,671	991,570

WASTE WATER DEPARTMENT

NON-OPERATING REVENUES & EXPENSES

	Actual 2021-22	Budget 2022-23	Projected Curr Yr End Balance	Proposed Budget 2023-24
NON-OPERATING REVENUE				
Interest Income -- SRF Int Acct & Investments	5,474	6,200	5,783	24,500
Delinquent Charges	12,178	11,000	12,477	11,000
Farm Crop Income / (Expense) [NETTED]	86,221	61,000	91,576	86,700
Other NOR	667	200	611	200
	<u>104,539</u>	<u>78,400</u>	<u>110,447</u>	<u>122,400</u>
NON-OPERATING EXPENSE				
Interest Expense -- SRF Loan	0	0	0	0
Other Expense	0	0	0	0
	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

WASTE WATER DEPARTMENT

REVENUE & EXPENSE-- 5-YR PROJECTIONS

	Year: 2021 - 2022	Year: 2022-2023	Year: 2023 - 2024	Year: 2024 - 2025	Year: 2025 - 2026	Year: 2026 - 2027	Year: 2027 - 2028
REVENUE:							
Gross Billings	1,281,929	1,265,114	1,265,780	1,265,780	1,265,780	1,265,780	1,265,780
Misc. Bills -- tap/temp/connection fees	16,633	16,969	14,630	14,630	14,630	14,630	14,630
Other / Misc. Refunds	0	0	0	0	0	0	0
TOTAL	1,298,562	1,282,083	1,280,410	1,280,410	1,280,410	1,280,410	1,280,410
EXPENSES:							
Treatment Plant	443,933	382,479	376,900	343,442	344,847	346,258	347,674
Sewer Systems Maintenance	136,099	146,192	185,380	195,461	196,602	197,748	198,902
Customer Accounting & Network Systems	98,295	82,310	87,410	88,311	89,222	90,142	91,072
Administrative & General	282,896	295,690	341,880	345,142	348,435	351,760	355,116
Depreciation	529,794	483,130	503,700	528,885	555,329	493,096	427,750
TOTAL	1,491,017	1,389,801	1,495,270	1,501,242	1,534,435	1,479,004	1,420,515
Operating Income	(192,455)	(107,718)	(214,860)	(220,832)	(254,025)	(198,594)	(140,105)
Non-operating Income <small>(netted Revenues + Expenses)</small>	104,539	110,447	122,400	142,400	142,400	142,400	142,400
Extraordinary Items	0	30,000	0	0	0	0	0
NET INCOME	(87,915)	32,729	(92,460)	(78,432)	(111,625)	(56,194)	2,295

WASTE WATER DEPARTMENT

WORKING CAPITAL STATEMENT -- 5-YR PROJECTIONS

	Year: 2021 - 2022	Year: 2022-2023	Year: 2023 - 2024	Year: 2024 - 2025	Year: 2025 - 2026	Year: 2026 - 2027	Year: 2027 - 2028
SOURCES OF WORKING CAPITAL							
OPERATIONS:							
Net Income	(87,915)	32,729	(92,460)	(78,432)	(111,625)	(56,194)	2,295
Items not Requiring Working Capital:							
Depreciation	529,794	483,130	503,700	528,885	555,329	493,096	427,750
Working capital provided by operations	441,878	515,859	411,240	450,453	443,704	436,902	430,046
Returned Debt Reserves for capital projects	0	0	0	0	0	0	0
Total sources of working capital	441,878	515,859	411,240	450,453	443,704	436,902	430,046
USES OF WORKING CAPITAL							
Acquisition of Property, Plant, & Equipment	586,588	176,342	705,000	272,850	235,000	675,000	287,000
Fund Reserve WASTE WATER cap. improv. program	0	0	0	0	0	0	0
Debt Service Principal	0	0	0	0	0	0	0
Total uses of working capital	586,588	176,342	705,000	272,850	235,000	675,000	287,000
Draw on Reserves	144,710	0	293,760	0	0	238,098	0
Net Increase (Decrease) in Working Capital	0	339,517	0	177,603	208,704	0	143,046

Refuse Department

Budget – For City Council

Review on 3/23/2023
& Approval at Meeting on 3/27/2023

For Fiscal Year Ending
March 31, 2024



Refuse Department - Rate Proposal

Current Pricing -- February 2023			
Class	# of Customers	Current Rate	Current Revenue
Residential	3,249	\$8.25	\$321,651
BG01 - Bags	95	\$16.00	\$18,240
BG02 - 90 Gal (Commercial)	140	\$20.00	\$33,600
BG03 - Dumpster (Commercial)	117	\$125.00	\$175,500
BG06 - 90 Gal (Industrial)	5	\$20.00	\$1,200
BG06 - Dumpster (Industrial)	12	\$125.00	\$18,000
BG08 - 90 Gal (CMU)	4	\$20.00	\$960
BG08 - Dumpster (CMU)	1	\$125.00	\$1,500
BG12 - 90 Gal (City)	3	\$20.00	\$720
BG12 - Dumpster (City)	7	\$125.00	\$10,500
Total	384		\$260,220
Per Dump			
Dumpster Pick-Ups	22,904	\$7.50	\$171,780
90 Gal Pick-Ups	17,705	\$3.75	\$66,394
Total	40,609		\$238,174

Proposed Rates		
Proposed Rate	Projected Revenue	Additional Revenue
\$11.75	\$458,109	\$136,458
\$18.00	\$20,520	
\$24.00	\$40,320	
\$130.00	\$182,520	
\$24.00	\$1,440	
\$130.00	\$18,720	
\$24.00	\$1,152	
\$130.00	\$1,560	
\$24.00	\$864	
\$130.00	\$10,920	
	\$278,016	\$17,796
Per Dump		
\$8.75	\$200,410	
\$4.75	\$84,099	
	\$284,509	\$46,335
Total Additional Revenue		\$200,589

Cost of Service % Residential 67% \$134,394.63
 Cost of Service % Commercial 33% \$66,194.37

Variable Additional Revenues - Present	Variable Additional Revenues - Proposed
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RESIDENTIAL MULTIPLE UNIT OPTION
 *Base Rate (Total Units) X (90%) X (\$8.25)/month
 2 yd. dumpster rental \$10.00/month
 90 gal. container rental \$3.00/month
 Second day/wk pickup \$7.00/Month
 Extra Pickup \$20.00 each

SMALL COMMERCIAL
 90-gal. container lease \$2.00/month
 Second day/wk pickup - \$7.00/ month (additional days \$5)
 2 yd. paper/cardboard pickup \$7.00/month

LARGE COMMERCIAL
 Dumpster fee \$7.00/month/dumpster (two or more)
 Second day/week pickup \$7.00/month (additional pickups \$5.00/month)
 Saturday pickup \$30.00/month

SPECIAL DUMPSTER USE (Temporary Dumpsters)
 1st Week Rental * \$55.00
 Each Additional Week \$10.00 per week
 Dump Fee \$30.00 Per Dump (No Shingles)

RESIDENTIAL MULTIPLE UNIT OPTION
 *Base Rate (Total # of units) X (90%) X (\$11.75)/month
 2 yd. dumpster rental - \$5.00/month x (total # of units)
 90 gal. container rental - \$5.00/month x (total # of units)
 Second day/wk pickup - \$20/month for each additional day/wk
 Extra Pickup \$20.00 each

SMALL COMMERCIAL
 90-gal. container lease \$4.00/month/container (two or more)
 Second day/wk pickup - \$20/month for each additional day/wk
 Paper/cardboard pickup 2 yd-\$25.00/mo., 90 gal \$6.25/mo.

LARGE COMMERCIAL
 Dumpster fee \$10.00/month/dumpster (two or more)
 Second day/wk pickup - \$20/month for each additional day/wk
 Saturday pickup \$75.00/month

SPECIAL DUMPSTER USE (Temporary Dumpsters)
 Dumpster Setting Fee - \$55.00
 Weekly Fee - \$10.00 per week from setting date
 Dump Fee \$30.00 Per Dump (No Shingles)
 ***no longer includes 1 free dump or 1 week rental

**REFUSE DEPARTMENT
CAPITAL IMPROVEMENTS
FYE 3/31/2024**

		Quantities	
Year: 2023-2024			
1	Dumpster Replacement	25	\$19,500
2	90 Gal. Containers	25	\$2,000
3	Refuse Bldg. Renovations - Restrooms/Bag Space		\$15,000
	Total		<u>\$36,500</u>
Year: 2024-2025			
1	Dumpster Replacement	25	\$19,500
2	90 Gal. Containers	25	\$2,000
3	Replace Unit #51 (2017 Chevy 1500 2WD Reg Cab w/ \$4k trade-in)		\$40,000
	Total		<u>\$61,500</u>
Year: 2025-2026			
1	Dumpster Replacement	25	\$19,500
2	90 Gal. Containers	25	\$2,000
3	Replace 2017 Packer Unit # 55 (Commercial Cardboard Truck)		\$175,000
	Total		<u>\$196,500</u>
Year: 2026-2027			
1	Dumpster Replacement	25	\$19,500
2	90 Gal. Containers	25	\$2,000
3	Replace 2019 Packer Unit # 54 (Residential/Multi-Bin)		\$275,000
	Total		<u>\$296,500</u>
Year: 2027-2028			
1	Dumpster Replacement	25	\$19,500
2	90 Gal. Containers	25	\$2,000
	Total		<u>\$21,500</u>

Special Expense Items		
1		
2		
3		
	Total	<u>\$0</u>

REFUSE DEPARTMENT

INCOME STATEMENT

	Actual 2021-22	Budget 2022-23	Projected Curr Yr End Balance	Proposed Budget 2023-24
<u>REVENUES</u>				
Gross Billings - Total	1,152,436	1,184,950	1,157,832	1,352,080
Misc. bills	18,567	20,900	15,821	15,980
Total Revenues	1,171,003	1,205,850	1,173,654	1,368,060
<u>EXPENSES</u>				
Refuse Collection	479,237	472,752	525,061	524,550
Dump Ground & Hazardous Waste Coll. / Disp.	372,959	392,401	373,914	383,510
Customer Accounting & Network Systems	71,324	59,677	59,668	59,600
Administrative & General	259,898	274,487	278,571	307,850
Depreciation	77,270	85,473	89,894	88,800
Total Expenses	1,260,689	1,284,790	1,327,108	1,364,310
Operating Income (Loss)	(89,686)	(78,940)	(153,455)	3,750
Nonoperating Revenue	45,703	49,790	48,978	58,260
Nonoperating (Expenses)	0	0	0	0
Operating Transfers (OUT)	0	0	0	0
Operating Transfers IN	0	0	0	0
Net Income (Loss) Before Extraordinary Items	(43,983)	(29,150)	(104,476)	62,010
(Gain) / Loss on Disposal of F/A	0	0	0	0
Net Income (Loss) After Extraordinary Items	(43,983)	(29,150)	(104,476)	62,010

REFUSE DEPARTMENT

OPERATING EXPENSES

	Actual 2021-22	Budget 2022-23	Projected Curr Yr End Balance	Proposed Budget 2023-24
REFUSE COLLECTION:				
Operating Labor	396,176	411,687	410,056	429,400
Gas & Oil Expense	39,286	30,000	60,237	53,650
Truck & Packer Repairs	29,405	25,020	40,662	31,000
Tires & Tube Expense	13,721	5,000	12,177	9,000
Collection Tools, Repairs & Supplies	265	641	1,929	1,100
Wrecker Service	385	404	0	400
	<u>479,237</u>	<u>472,752</u>	<u>525,061</u>	<u>524,550</u>
DUMP GROUND AND HAZARDOUS WASTE COLL. / DISP.:				
Dump Ground Labor	0	0	0	0
Hazardous Waste Processing Labor	1,263	1,650	2,197	1,400
Outside Waste Disposal Expense	302,280	323,696	291,604	310,000
Maint. Bldg, Equip, & Orange Bag Expenses	52,344	54,055	63,148	53,220
Recycling Expense-Hope Haven	7,345	8,000	9,112	11,000
Hazardous Waste Expense & Disposal	9,728	5,000	7,853	7,890
	<u>372,959</u>	<u>392,401</u>	<u>373,914</u>	<u>383,510</u>
CUSTOMERS' ACCOUNTING AND NETWORK SYSTEMS:				
Refuse Supplies & Expense	3,889	3,720	3,949	3,760
Training, Meeting & Education	106	0	1,676	0
Office Salaries & Wages	35,212	35,731	35,270	37,000
General Office Supplies & Expense	31,587	20,226	18,748	18,840
I T, Network, & Communications Labor	0	0	0	0
I T, Network, & Communications Expense	531	0	24	0
	<u>71,324</u>	<u>59,677</u>	<u>59,668</u>	<u>59,600</u>
ADMINISTRATIVE AND GENERAL:				
Admin & Warehouse Wages	12,443	10,966	10,531	10,900
Industrial developer	900	900	900	900
Professional services	1,610	1,515	1,915	1,550
Health & Life Insurance	133,461	147,477	149,512	166,000
Commercial Liability Umbrella Insurance	32,072	32,015	37,223	41,700
Bad Debts	1,284	2,200	1,287	2,000
Miscellaneous	4,093	2,818	1,679	2,500
Pension -- LAGERS	42,551	41,403	43,293	45,800
Payroll & Unemployment Taxes	31,483	35,193	32,231	36,500
	<u>259,898</u>	<u>274,487</u>	<u>278,571</u>	<u>307,850</u>
Total Expenses	<u>1,183,419</u>	<u>1,199,317</u>	<u>1,237,214</u>	<u>1,275,510</u>

REFUSE DEPARTMENT

NON-OPERATING REVENUES & EXPENSES

	Actual 2021-22	Budget 2022-23	Projected Curr Yr End Balance	Proposed Budget 2023-24
NON-OPERATING REVENUE				
Delinquent Charges	12,178	14,000	12,477	12,530
Landfill Lease & Other NOR	19,822	18,890	20,155	21,170
Interest Income	2,504	5,700	5,146	13,360
Tower Lease Income	11,200	11,200	11,200	11,200
	<u>45,703</u>	<u>49,790</u>	<u>48,978</u>	<u>58,260</u>
NON-OPERATING EXPENSE				
Interest Expense	0	0	0	0
Other Expense	0	0	0	0
	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

REFUSE DEPARTMENT

REVENUE & EXPENSE-- 5-YR PROJECTIONS

	Year: 2021 - 2022	Year: 2022-2023	Year: 2023 - 2024	Year: 2024 - 2025	Year: 2025 - 2026	Year: 2026 - 2027	Year: 2027 - 2028
REVENUE:							
Gross Billings - Total	1,152,436	1,157,832	1,352,080	1,352,080	1,352,080	1,352,080	1,352,080
Misc. bills	18,567	15,821	15,980	15,980	15,980	15,980	15,980
TOTAL	1,171,003	1,173,654	1,368,060	1,368,060	1,368,060	1,368,060	1,368,060
EXPENSES:							
Refuse Collection	479,237	525,061	524,550	527,348	530,160	532,988	535,830
Dump Ground & Hazardous Waste Coll. / Disp.	372,959	373,914	383,510	390,785	398,197	405,751	413,447
Customer Accounting & Network Systems	71,324	59,668	59,600	60,067	60,537	61,012	61,490
Administrative & General	259,898	278,571	307,850	310,461	313,094	315,750	318,428
Depreciation	77,270	89,894	88,800	88,800	88,800	88,800	92,348
TOTAL	1,260,689	1,327,108	1,364,310	1,377,460	1,390,789	1,404,300	1,421,543
Operating Income	(89,686)	(153,455)	3,750	(9,400)	(22,729)	(36,240)	(53,483)
Non-operating Income <small>(netted Revenues + Expenses)</small>	45,703	48,978	58,260	58,260	58,260	58,260	58,260
Extraordinary Items	0	0	0	0	0	0	0
NET INCOME	(43,983)	(104,476)	62,010	48,860	35,531	22,020	4,777

REFUSE DEPARTMENT

WORKING CAPITAL STATEMENT -- 5-YR PROJECTIONS

	Year: 2021 - 2022	Year: 2022-2023	Year: 2023 - 2024	Year: 2024 - 2025	Year: 2025 - 2026	Year: 2026 - 2027	Year: 2027 - 2028
SOURCES OF WORKING CAPITAL							
OPERATIONS:							
Net Income	(43,983)	(104,476)	62,010	48,860	35,531	22,020	4,777
Items not Requiring Working Capital:							
Depreciation	77,270	89,894	88,800	88,800	88,800	88,800	92,348
Working capital provided by operations	33,288	(14,582)	150,810	137,660	124,331	110,820	97,125
Returned Debt Reserves for capital projects	0	0	0	0	0	0	0
Total sources of working capital	33,288	(14,582)	150,810	137,660	124,331	110,820	97,125
USES OF WORKING CAPITAL							
Acquisition of Property, Plant, & Equipment	21,187	128,664	36,500	61,500	196,500	296,500	21,500
Fund Reserve Refuse cap. improv. program	0	0	0	0	0	0	0
Debt Service Principal	0	0	0	0	0	0	0
Total uses of working capital	21,187	128,664	36,500	61,500	196,500	296,500	21,500
Draw on Reserves	0	143,246	0	0	72,169	185,680	0
Net Increase (Decrease) in Working Capital	12,101	0	114,310	76,160	0	0	75,625