

**LEBANON UTILITIES  
2024 BUDGET - FINAL**

**TABLE OF CONTENTS**

**ELECTRIC:**

Cover Sheet	3
Revenues	4
Revenues/Expenses	5,6
Revenues/Expenses - Notes	7,8
Proposed Capital Additions - 2024	9
Proposed Capital Additions - 2025 through 2029	10
Projected Cash Analysis through 2029	11
Trend Graphs	12,13,14

**WATER:**

Cover Sheet	15
Revenues	16
Revenues/Expenses	17,18
Revenues/Expenses - Notes	19
Proposed Capital Additions - 2024	20,21
Proposed Capital Additions - 2025 through 2029	22,23
Projected Cash Analysis through 2029	24
Trend Graphs	25,26

**WASTEWATER:**

Cover Sheet	27
Revenues	28
Revenues/Expenses	29,30
Revenues/Expenses - Notes	31
Proposed Capital Additions - 2024	32,33
Proposed Capital Additions - 2025 through 2029	34
Projected Cash Analysis through 2029	35
Trend Graphs	36,37

**TELECOMMUNICATIONS:**

Cover Sheet	38
Revenues	39
Revenues/Expenses	40,41
Revenues/Expenses - Notes	42
Proposed Capital Additions - 2024	43
Proposed Capital Additions - 2025 through 2029	44
Projected Cash Analysis through 2029	45

**LEBANON UTILITIES  
2024 BUDGET - FINAL**

**TABLE OF CONTENTS (Cont)**

---

**IT:**

Cover Sheet	46
Proposed Capital Additions - 2024	47
Proposed Capital Additions - 2025 through 2029	48

**VEHICLES:**

Cover Sheet	49
10 Year Replacement Plan - Vehicles	50,51,52,53,54

# Lebanon Electric Utility

2024 Budget - Final

# ELECTRIC UTILITY 2024 Budget - Final

## Revenues

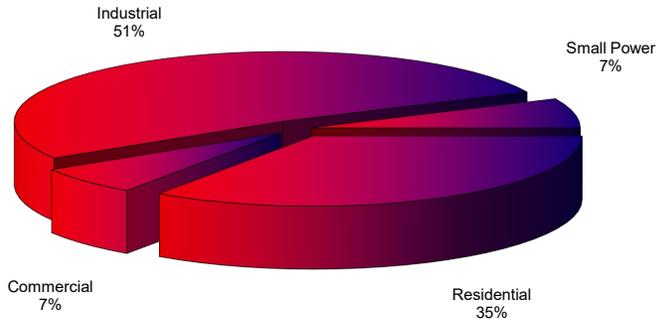
	Actual 2022	Budget 2023	9 Months 2023	Rolling 12 Months	Proposed 2024
<b>Operating Revenue</b>					
Residential	8,833,802	9,797,891	7,115,149	9,005,805	9,649,124
Commercial	1,771,465	1,987,408	1,325,361	1,706,038	1,812,242
Industrial	11,793,674	12,731,242	10,655,087	13,488,788	14,451,023
Small Power	2,069,621	2,244,462	1,365,039	1,845,291	1,912,506
Street & Highway Lighting	111,475	120,877	82,130	109,694	114,375
Security Lights	46,365	50,098	35,239	46,867	48,970
Interdepartmental	123,042	134,291	122,187	149,115	162,812
Late Penalties	147,157	166,779	106,428	140,057	147,122
<b>Total Revenue from Sales</b>	<b>24,896,601</b>	<b>27,233,048</b>	<b>20,806,620</b>	<b>26,491,655</b>	<b>28,298,174</b>
<b>Other Revenue</b>					
Interest	38,947	127,300	321,981	340,461	384,885
Other	315,468	259,155	549,250	662,830	374,692
<b>Total Other Revenues</b>	<b>354,415</b>	<b>386,455</b>	<b>871,231</b>	<b>1,003,291</b>	<b>759,577</b>
<b>Total Revenue</b>	<b>25,251,016</b>	<b>27,619,503</b>	<b>21,677,851</b>	<b>27,494,946</b>	<b>29,057,751</b>

Note: A growth factor of 2% and an estimated increase of 2.31% in purchased power was used in determining the proposed 2024 revenues.

The 10 year planning study shows growth in the range of 1.8% to 3.5%.

Rate Class	Number of Active Customers
Residential	7,861
Commercial	797
Commercial - Sm Pwr	246
Industrial - Lg Pwr	137
Municipal	62
<b>Total</b>	<b>9,103</b>
	(As of 09-23)

**Projected Operating Revenue by Rate Class**



	2019	2020	2021	2022	Sep-23
<b>Number of Employees</b>	19	18	19	19	18

## ELECTRIC UTILITY 2024 Budget - Final

### Revenues/Expenses

	Actual 2022	Budget 2023	9 Months 2023	Rolling 12 Months	Proposed 2024	
<b>Operating Revenues</b>						
Residential	8,833,802	9,797,891	7,115,149	9,005,805	9,649,124	(1),(2)
Commercial	1,771,465	1,987,408	1,325,361	1,706,038	1,812,242	(1),(2)
Industrial	11,793,674	12,731,242	10,655,087	13,488,788	14,451,023	(1),(2)
Small Power	2,069,621	2,244,462	1,365,039	1,845,291	1,912,506	(1),(2)
Street & Highway Lighting	111,475	120,877	82,130	109,694	114,375	(1),(2)
Security Lights	46,365	50,098	35,239	46,867	48,970	(1),(2)
Interdepartmental	123,042	134,291	122,187	149,115	162,812	(1),(2)
Late Penalties	147,157	166,779	106,428	140,057	147,122	(1),(2)
<b>Total Operating Revenue</b>	<b>24,896,601</b>	<b>27,233,048</b>	<b>20,806,620</b>	<b>26,491,655</b>	<b>28,298,174</b>	
<b>Other Revenue</b>						
Other	315,468	259,155	549,250	662,830	374,692	(3)
<b>Total Other Revenue</b>	<b>315,468</b>	<b>259,155</b>	<b>549,250</b>	<b>662,830</b>	<b>374,692</b>	
<b>Total Revenue (less Interest)</b>	<b>25,212,069</b>	<b>27,492,203</b>	<b>21,355,870</b>	<b>27,154,485</b>	<b>28,672,867</b>	
<b>Purchased Services</b>						
Purchased Power	19,592,242	21,992,378	16,622,043	20,948,259	22,674,492	(4)
Telephone	18,952	17,436	15,070	21,407	21,995	
Contractual Services - Testing	95,860	50,000	52,127	63,152	150,000	(5)
Contractual Services - IT	101,586	105,555	67,724	101,586	105,555	(6)
Contractual Services - Other	356,887	385,738	244,578	369,946	576,768	(7)
Accounting Fees	5,738	13,000	0	0	13,000	(8)
Engineering Fees	76,357	50,000	22,055	72,765	60,000	(9)
Legal Fees	53,549	63,627	63,339	83,833	99,191	(10)
Utilities	43,997	48,830	30,227	41,755	43,491	(11)
<b>Total Purchased Services</b>	<b>20,345,168</b>	<b>22,726,564</b>	<b>17,117,163</b>	<b>21,702,703</b>	<b>23,744,492</b>	
<b>Wages &amp; Benefits</b>						
Operation Supervision	87,015	95,600	69,707	90,639	100,843	(12)
Engineering	48,840	51,630	45,164	58,315	170,337	(12)
Line Work	799,692	845,753	648,161	863,231	937,673	(12)
Line Locating	20,244	20,337	13,244	19,430	19,160	(12)
Meter Reading	59,767	64,806	44,093	59,063	63,788	(12)
Billing	30,203	32,326	24,229	32,087	35,051	(12)
Administrative	136,017	149,574	103,135	135,760	174,002	(12)
Office Personnel	117,540	127,080	88,915	118,612	128,630	(12)
Sick/Vacation Pay	194,202	176,611	138,904	211,025	200,948	(12)
FICA Taxes	110,319	114,721	88,696	119,715	128,314	(12)
Group Insurance	345,161	373,358	241,875	314,909	413,523	(13)
Pension	320,581	124,138	156,135	390,906	225,875	(14)
Miscellaneous Payroll	25,621	17,616	22,176	35,620	32,081	(12)
<b>Total Wages &amp; Benefits</b>	<b>2,295,202</b>	<b>2,193,550</b>	<b>1,684,434</b>	<b>2,449,312</b>	<b>2,630,225</b>	

**ELECTRIC UTILITY  
2024 Budget - Final**

**Revenues/Expenses (Cont.)**

	Actual 2022	Budget 2023	9 Months 2023	Rolling 12 Months	Proposed 2024
<b>Operating Supplies &amp; Expense</b>					
Station Expenses	0	0	3,583	3,583	4,431
Street Lights and Signals	9,548	8,786	328	3,222	1,939
Security Lights	1,561	2,225	1,039	1,228	1,385
Meter Expense	15,986	11,590	15,805	23,421	23,582 (15)
Tools & Equipment	13,466	20,000	13,115	16,267	20,000
Safety Equipment	14,817	15,000	10,866	16,817	15,000
Rents	3,885	3,885	4,238	4,238	3,885
Maintenance of Lines	183,061	199,033	192,491	228,106	256,923
Maintenance of Station Equipment	8,696	10,942	1,101	1,596	1,624
General Maintenance	10,779	10,906	10,737	12,605	14,268 (16)
Office Supplies	9,038	9,689	12,202	14,567	16,343
Janitorial Services	18,884	18,900	13,663	18,384	18,900
Exterior Landscaping	13,689	16,501	8,258	10,025	11,149
Computer Equipment	382	8,313	7,917	8,433	16,063
Software Expense	16,326	17,248	10,474	14,082	15,346
Maintenance Agreements	78,239	93,869	60,887	75,064	98,639 (17)
Dues & Subscriptions	17,336	18,578	20,748	19,962	19,030
Postage	931	996	710	953	1,007
Insurance	2,275	69,023	73,027	73,085	77,470
Conference & Training	55,858	57,229	32,877	51,823	51,657
Promotion	201	3,180	172	269	3,180
Employee Recognition	550	930	97	614	930
Transportation	54,647	46,309	39,356	60,862	60,068
Uniforms	16,529	18,691	13,506	16,023	18,036
SCADA Expense	1,250	0	0	0	0
Payment in Lieu of Taxes	179,252	189,224	127,230	170,075	176,493
Depreciation Expense	1,052,425	1,076,939	801,775	1,062,333	1,090,414
Amortization of Deferred Costs	0	(12,484)	(9,363)	0	(12,484)
Gross Income Tax	180,600	0	0	0	0 (18)
Bad Debt Expense	148,871	68,083	68,083	68,083	70,745 (19)
Lease Rental Payments - Principal	78,631	79,515	79,515	79,515	41,139 (20)
Lease - Copiers/Printers	2,395	2,481	3,174	3,808	4,261
Bank Fees - Credit Card	27,578	28,364	23,099	30,747	32,619
Miscellaneous	62,634	43,953	64,474	94,892	95,854
<b>Total Operating Supplies &amp; Expense</b>	<b>2,280,320</b>	<b>2,137,898</b>	<b>1,705,184</b>	<b>2,184,682</b>	<b>2,249,899</b>
<b>Total Expenses</b>	<b>24,920,690</b>	<b>27,058,012</b>	<b>20,506,781</b>	<b>26,336,697</b>	<b>28,624,616</b>
<b>Operating Income</b>	<b>291,379</b>	<b>434,191</b>	<b>849,089</b>	<b>817,788</b>	<b>48,251</b>
<b>Interest</b>					
Interest Revenue	38,947	127,300	321,981	340,461	384,885
Interest Expense	(250,885)	(243,657)	(184,482)	(235,628)	(223,398) (21)
<b>Total Interest Revenue (Expense)</b>	<b>(211,938)</b>	<b>(116,357)</b>	<b>137,499</b>	<b>104,833</b>	<b>161,487</b>
<b>Extraordinary Items</b>					
Gain on Sale of Assets	0	0	0	0	0
Loss on Sale of Assets	(39,729)	(42,298)	(3,889)	(9,210)	(7,342)
<b>Total Extraordinary Items</b>	<b>(39,729)</b>	<b>(42,298)</b>	<b>(3,889)</b>	<b>(9,210)</b>	<b>(7,342)</b>
<b>Net Margin</b>	<b>39,712</b>	<b>275,536</b>	<b>982,699</b>	<b>913,411</b>	<b>202,396</b>

# ELECTRIC UTILITY 2024 Budget - Final

## Notes to Proposed Revenue and Expenses

Note	Description
(1)	A growth factor of 2% was used in determining the proposed 2024 revenues.
(2)	An estimated average increase in purchased power costs of 2.31%.
(3)	This amount includes miscellaneous revenue such as pole attachments and the sale of scrap metal.
(4)	A 2.31% increase in purchased power costs has been estimated using estimates by IMPA.
(5)	Testing includes pole testing and substation testing.
(6)	Contractual Services for IT consulting / Cyber Security.
(7)	Estimated amount for miscellaneous contractual services needed by the different departments. Also, includes \$250,000 for contracting out our tree trimming.
(8)	Accounting fees include State Board of Accounts audit costs and arbitrage testing.
(9)	Engineering Services to be used to assist in the designing of several planned residential subdivisions. Also, includes the use of engineers on multiple projects.
(10)	General legal counsel.
(11)	Electric's portion of shared utility bills along with all utility bills for their individual facility.
(12)	Assumes an overall 8.5% increase in wages with inflationary adjustment along with employees moving through the advancement program.
(13)	We received a 8.1% increase for 2024.
(14)	Funding of the Defined Benefit Plan and the Defined Contribution Plan.
(15)	Miscellaneous meter expenses only. With the implementation of AMI all meters have been capitalized, however, endpoints or other parts may need to be replaced.
(16)	Estimated and then allowed for the usual winter contingencies.
(17)	General maintenance agreements on items such as SCADATA, SCADA, NISC, Microsoft, and other misc. systems.

**ELECTRIC UTILITY  
2024 Budget - Final**

**Notes to Proposed Revenue and Expenses (Cont.)**

---

Note	Description
(18)	Utility receipts tax is equal to 1.2% of total revenues. This was eliminated in July of 2022.
(19)	A bad debt allowance has been set at .25%.
(20)	Lease rental principal on municipal building.
(21)	Lease rental interest on municipal building plus interest on 2013 Revenue Bonds.

**ELECTRIC UTILITY  
2024 Budget - Final  
Capital Additions**

Item	Class	Description	Code	Amount	Notes
1	C	<b>New and Replacement Transformers</b> - Ongoing transformer purchase allotment for new units (customer driven).	2	1,500,000	
2	A	<b>Annexation Loop Feed</b> - Const. of a distribution line to create a loop feed to the annexed area. This will include all materials, legal, engineering, permits and other fees.	2	400,000	
3	D	<b>UTE Line Truck/Digger Derrick</b> - Equipment that will allow us to set poles and hang transformers. Replaces truck 19 which is a 2007.	2	320,000	(a),(b)
4	C	<b>Service to New Facilities</b> - Ongoing service extensions for new customers.	1	300,000	
5	C	<b>System Upgrades and Improvements</b> - Includes but is not limited to reclosures for the annexation, wire, poles, omni switches, switchgears, capacitor banks and other equipment.	2	300,000	
6	D	<b>Backyard (Machine) Digger Derrick</b> - Equipment that will allow us to set poles and work on the electric line in right of ways that cannot be accessed with a normal truck. We currently have 1,053 poles in back yard right of ways.	2	250,000	(a),(b)
7	B	<b>John Shaw Road</b> - Upgrade the single phase primary line to three phase power for the growth in that area.	2	220,000	
8	A	<b>Fordice Rd.</b> - School project - Relocation of a section of the 1232 circuit.	2	150,000	
9	A	<b>Witt Road</b> - City is widening the road which will require the relocation of the 1262 circuit.	2	150,000	
10	C	<b>AMI</b> - Ongoing program for replacement of meter infrastructure.	2	120,000	
11	A	<b>I65 and Mt. Zion Bore</b> - Boring three 4" conduits under I65 and installing 1,000mcm primary underground wire to replace damaged OH.	2	80,000	
12	D	<b>Ford F550 Dump Truck</b> - This unit will replace our 2008 truck.	2	80,000	(a),(b)
13	D	<b>Engineering/Staking Vehicle</b> - This unit will replace vehicle 88 which is a 2013 Dodge van. The van is not practical for doing staking.	2	40,000	(a),(b)
14	C	<b>Electric's Portion of the IT Budget</b> - The estimated cost to the Electric Utility for IT Functions.	1	34,410	
15	D	<b>Electric's Portion of Administration Vehicles</b> - Electric's portion of administrative vehicle replacements in agreement with our vehicle replacement program.	2	9,300	(a),(b)
<b>TOTAL</b>				3,953,710	
Operational Cash Flow				334,410	
Reserves				3,619,300	
<b>TOTAL</b>				3,953,710	

<b>Code:</b>	<b>Class:</b>		
1	Operational Cash Flow	A	Must Accomplish This Year
2	Reserves	B	Accomplish for Improvement of System Integrity
3	Bonding	C	Ongoing Program - Accomplish for Improvement of System Integrity
		D	Ongoing Program - Long Term/Short Term & Vehicles/Equipment

- Notes:**
- (a) Cost does not reflect money received from sale of old vehicle/equipment.
  - (b) Included in 10 year replacement plan.
  - (c) Cost estimates provided by engineering consultant.
  - (d) May include capitalized labor.

**\*\*These figures do not include any future or anticipated annexation.**

**ELECTRIC UTILITY  
2024 Budget - Final**

**Capital Projects - 5 Years Beyond Fiscal Year 2024**

Item	Description	Projected 2025	Projected 2026	Projected 2027	Projected 2028	Projected 2029	Total Amount
1	<b>Substation</b> Install a substation on the south side of Lebanon.	0	1,000,000	1,300,000	2,500,000	0	4,800,000
2	<b>AMI Replacement Program</b> On-going program to replace old AMR Meters and upgrade to AMI and for new business.	190,000	175,000	175,000	3,175,000	120,000	3,835,000
3	<b>10 Year Vehicle Replacement Program</b> Ongoing program and includes electric's portion of multi-departmental vehicle/equipment replacement program- five of ten years.	597,900	430,000	345,000	400,000	260,000	2,032,900
4	<b>New and Replacement Transformers</b> Both O.H. and pad mounted types.	450,000	300,000	200,000	200,000	200,000	1,350,000
5	<b>Service to New Facilities</b> Install electric utility service facilities for residential, commercial and industrial customers.	300,000	150,000	150,000	150,000	150,000	900,000
6	<b>System Upgrades and Improvements</b> On-going system improvements to provide operational flexibility. Includes capacitors, capacitor controls, reclosures, wire, poles, etc.	150,000	150,000	150,000	150,000	150,000	750,000
7	<b>IT Budget</b> On-going program. See IT 5-year capital budget for breakdown.	10,850	0	23,250	15,500	10,850	60,450
<b>Totals</b>		<u>1,698,750</u>	<u>2,205,000</u>	<u>2,343,250</u>	<u>6,590,500</u>	<u>890,850</u>	<u>13,728,350</u>

\*\*These figures do not include any future or anticipated annexation.

**Electric Utility**  
**Projected Cash Analysis**

	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>
Total Cash & Investments - Beginning of Year Not Restricted by Ordinance/Regulation	8,280,598	5,002,039	3,476,338	1,195,490	(1,487,495)	(8,658,955)
Add:						
Projected Operating Income (A)	28,672,867	29,042,747	29,417,398	29,796,882	30,181,262	30,570,600
Interest	384,885	100,041	69,527	23,910	0	0
Depreciation	1,090,414	1,199,455	1,319,401	1,451,341	1,596,475	1,756,123
Less:						
Projected Operational Expenses (B)	(28,624,616)	(29,320,194)	(30,032,674)	(30,762,468)	(31,509,996)	(32,275,689)
Bond Principal and Interest	(847,900)	(849,000)	(849,500)	(849,400)	(848,700)	(846,731)
Lease Interest Expense	(498)	0	0	0	0	0
Estimated Cash & Investments Before Capital Expenditures Not Restricted by Ordinance/Regulation	8,955,749	5,175,088	3,400,490	855,755	(2,068,455)	(9,454,652)
Less:						
Projected Capital Expenditures	(3,953,710)	(1,698,750)	(2,205,000)	(2,343,250)	(6,590,500)	(890,850)
Estimated Cash & Investments - End of Year Not Restricted by Ordinance/Regulation	5,002,039	3,476,338	1,195,490	(1,487,495)	(8,658,955)	(10,345,502)
Less: Two Months of Average Operating Income	(4,770,769)	(4,886,699)	(5,005,446)	(5,127,078)	(5,251,666)	(5,379,282)
Available Cash & Investments - End of Year Not Restricted by Ordinance/Regulation	<u>231,270</u>	<u>(1,410,360)</u>	<u>(3,809,956)</u>	<u>(6,614,574)</u>	<u>(13,910,621)</u>	<u>(15,724,783)</u>

(A) Prior year plus increase of 1.29% which is the average change in the last 10 years. Takes into account 2 highest years/2 lowest years/rate adjustments.

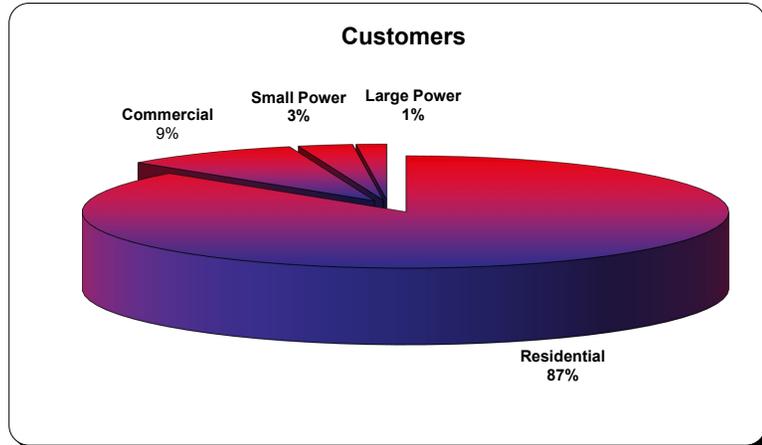
(B) Prior year plus increase of 2.43% which is the average change in the last 10 years. Takes into account 2 highest years/2 lowest years/rate adjustments.

# ELECTRIC UTILITY 2024 Budget - Final

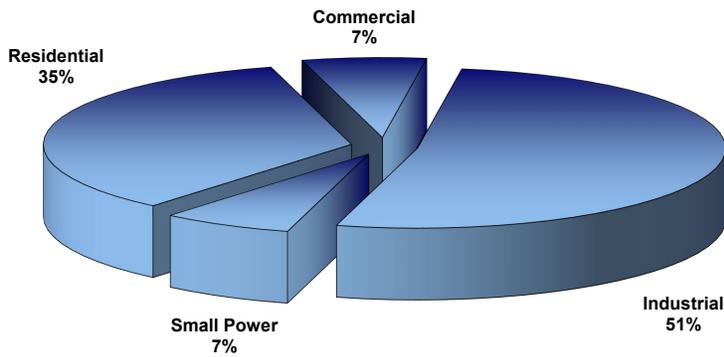
## Statistics

### Number of Customers

Residential	7,861
Commercial	797
Small Power	246
Lg Power	137
Municipal	62



### Projected 2024 Revenue

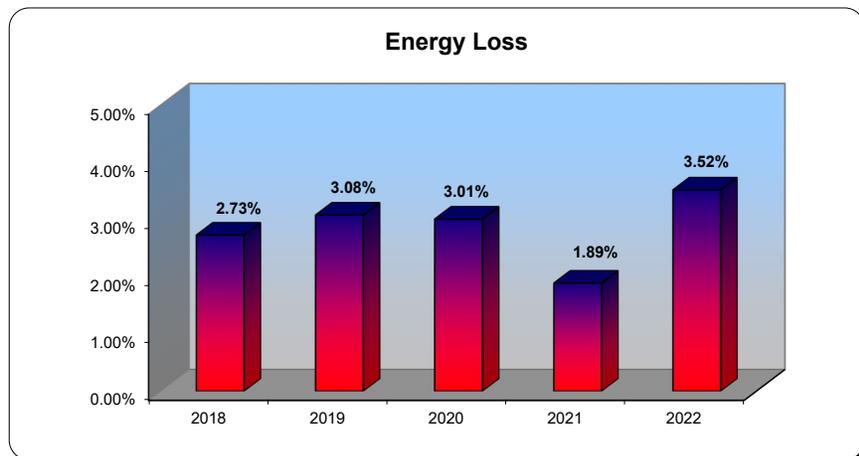


### Projected 2024 Revenue

Residential	9,649,124
Commercial	1,812,242
Industrial	14,451,023
Small Power	1,912,506

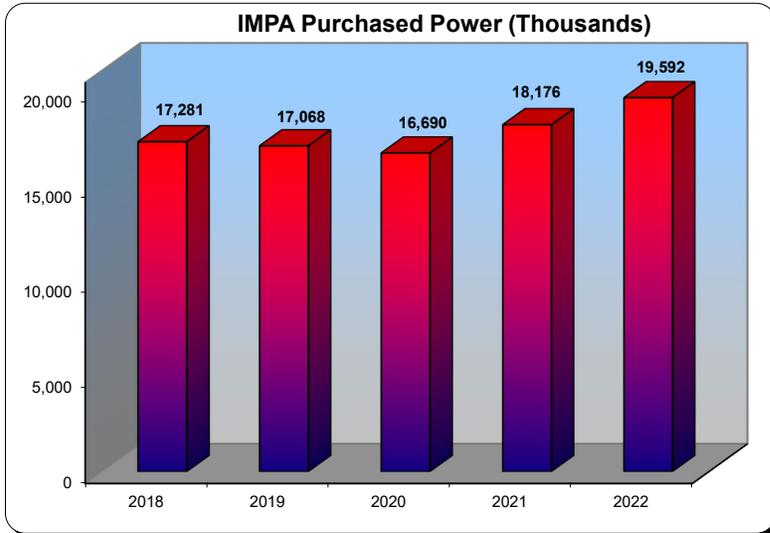
### Line Loss Factor

2018	2.73%
2019	3.08%
2020	3.01%
2021	1.89%
2022	3.52%



# ELECTRIC UTILITY 2024 Budget - Final

## Statistics

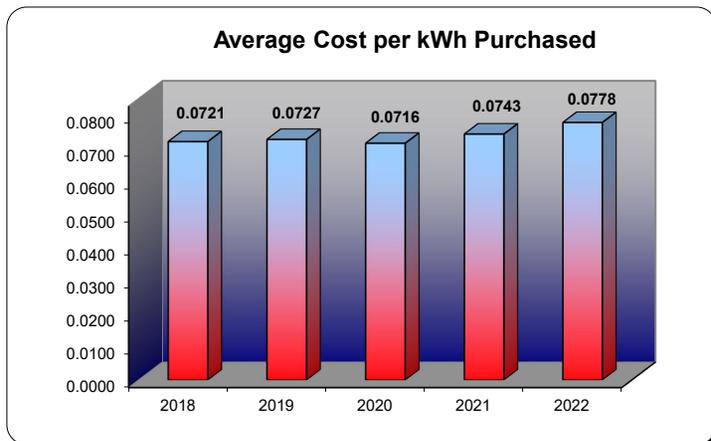
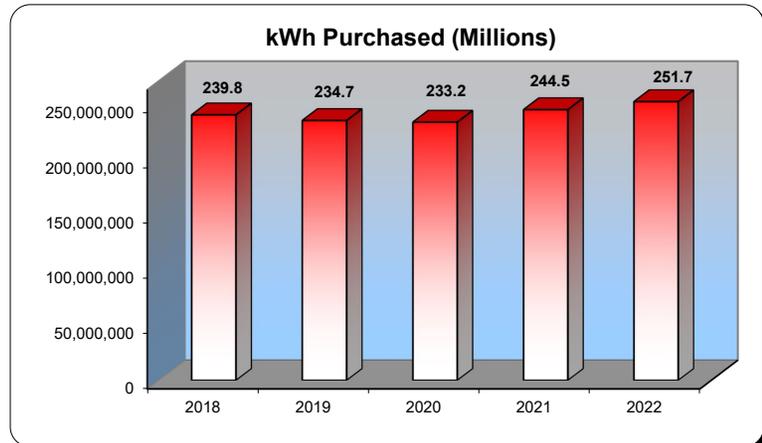


### IMPA Power Bill

2018	17,281,403
2019	17,068,363
2020	16,689,781
2021	18,175,882
2022	19,592,242
**2023 Year to Date Thru Sept.	16,622,043

### kWh Purchased

2018	239,805,880
2019	234,712,464
2020	233,207,942
2021	244,498,237
2022	251,697,880
**2023 Year to Date Thru Sept.	188,867,683



### Average Cost per kWh Purchased

2018	0.0721
2019	0.0727
2020	0.0716
2021	0.0743
2022	0.0778
**2023 Year to Date Thru Sept.	0.0880

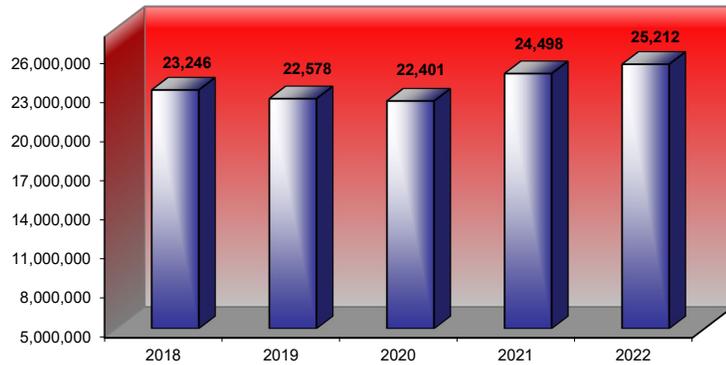
# ELECTRIC UTILITY 2024 Budget - Final

## Statistics

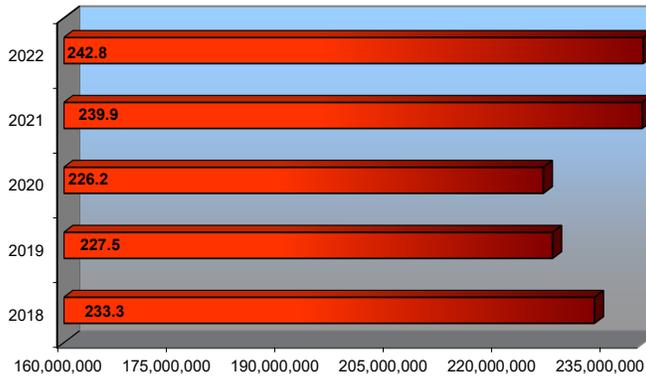
### Revenue From Sales

2018	23,245,779
2019	22,578,279
2020	22,400,600
2021	24,497,942
2022	25,212,069
**2023 Year to Date Thru Sept.	21,355,870

**Revenue From Sales (Thousands)**



**kWh Sold (Millions)**



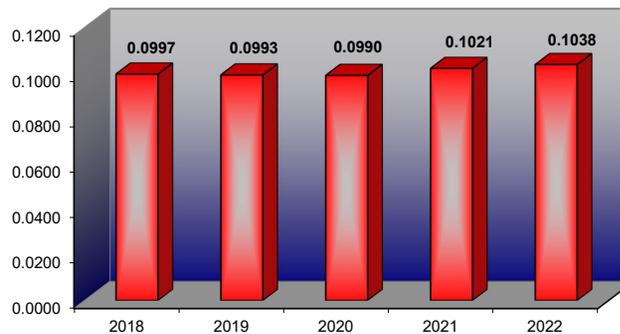
### Kilowatt Hours Sold

2018	233,260,835
2019	227,476,176
2020	226,195,125
2021	239,865,786
2022	242,835,378
**2023 Year to Date Thru Sept.	185,886,254

### Average Revenue per kWh Sold

2018	0.0997
2019	0.0993
2020	0.0990
2021	0.1021
2022	0.1038
**2023 Year to Date Thru Sept.	0.1149

**Average Revenue Per kWh Sold**



# Lebanon Water Utility

2024 Budget - Final

## WATER UTILITY 2024 Budget - Final

### Revenues

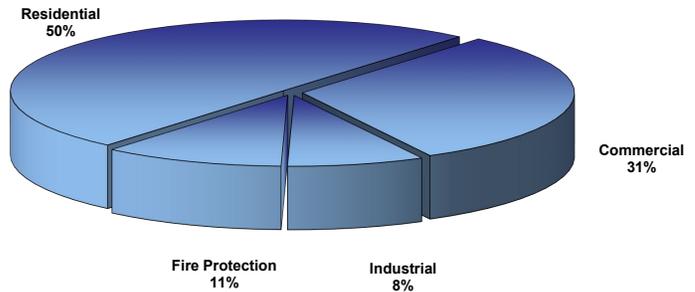
Revenues					
	<u>Actual 2022</u>	<u>Budget 2023</u>	<u>9 Months 2023</u>	<u>Rolling 12 Months</u>	<u>Proposed 2024</u>
<b>Operating Revenue</b>					
Residential	2,623,593	2,688,525	2,013,304	2,622,261	2,706,400
Commercial	1,560,547	1,617,728	1,262,951	1,604,742	1,677,225
Industrial	426,064	421,316	322,648	430,721	439,068
Fire Protection	571,139	575,964	426,022	567,914	579,331
Rent	11,784	11,273	7,870	11,784	11,361
Late Penalties	26,785	26,403	21,736	28,944	29,542
<b>Total Revenue from Sales</b>	<b><u>5,219,912</u></b>	<b><u>5,341,208</u></b>	<b><u>4,054,531</u></b>	<b><u>5,266,366</u></b>	<b><u>5,442,928</u></b>
<b>Other Revenue</b>					
Availability Fees	419,700	8,670,800	4,946,900	5,046,600	1,700,000
Interest	64,408	219,273	492,314	526,167	498,119
Other	125,889	154,654	109,217	138,927	145,120
<b>Total Other Revenues</b>	<b><u>609,997</u></b>	<b><u>9,044,728</u></b>	<b><u>5,548,431</u></b>	<b><u>5,711,694</u></b>	<b><u>2,343,239</u></b>
<b>Total Revenue</b>	<b><u><u>5,829,909</u></u></b>	<b><u><u>14,385,936</u></u></b>	<b><u><u>9,602,962</u></u></b>	<b><u><u>10,978,060</u></u></b>	<b><u><u>7,786,167</u></u></b>

Note: A growth factor of 2% for residential, commercial and industrial was used in determining the proposed 2024 revenues.

<u>Rate Class</u>	<u>Number of Customers</u>
Residential	6,043
Commercial	744
Industrial	62
Municipal	11
<b>Total</b>	<b><u>6,860</u></b>

(As of 09/23)

**Projected Operating Revenue by Rate Class**



	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Sep-23</u>
<b>Number of Employees</b>	14	14	14	13	13

## WATER UTILITY 2024 Budget - Final

### Revenues/Expenses

	Actual 2022	Budget 2023	9 Months 2023	Rolling 12 Months	Proposed 2024	
<b>Operating Revenues</b>						
Residential	2,623,593	2,688,525	2,013,304	2,622,261	2,706,400	(1)
Commercial	1,560,547	1,617,728	1,262,951	1,604,742	1,677,225	(1)
Industrial	426,064	421,316	322,648	430,721	439,068	(1)
Fire Protection	571,139	575,964	426,022	567,914	579,331	(1)
Rent	11,784	11,273	7,870	11,784	11,361	(1)
Late Penalties	26,785	26,403	21,736	28,944	29,542	(1)
<b>Total Operating Revenue</b>	<b>5,219,912</b>	<b>5,341,208</b>	<b>4,054,531</b>	<b>5,266,366</b>	<b>5,442,928</b>	
<b>Other Revenue</b>						
Other	125,889	154,654	109,217	138,927	145,120	
<b>Total Other Revenue</b>	<b>125,889</b>	<b>154,654</b>	<b>109,217</b>	<b>138,927</b>	<b>145,120</b>	
<b>Total Revenue (less Interest)</b>	<b>5,345,801</b>	<b>5,495,863</b>	<b>4,163,748</b>	<b>5,405,293</b>	<b>5,588,048</b>	
<b>Purchased Services</b>						
Engineering Fees	71,891	225,000	56,776	64,117	265,000	(2)
Accounting Fees	5,048	10,000	0	0	10,000	(3)
Legal Fees	58,023	54,535	71,629	106,242	106,926	(4)
Contractual Services - Testing	14,209	35,000	9,048	18,343	35,000	
Contractual Services - IT	101,586	105,555	67,724	101,586	105,555	(5)
Contractual Services - Other	128,310	113,738	88,063	149,507	172,618	(6)
Telephone Expense	19,128	19,692	20,004	25,199	28,272	
Utilities	175,183	216,919	152,892	199,548	251,637	
<b>Total Purchased Services</b>	<b>573,378</b>	<b>780,439</b>	<b>466,136</b>	<b>664,542</b>	<b>975,009</b>	
<b>Wages &amp; Benefits</b>						
Salaries WT	195,711	204,321	147,395	201,870	213,231	(7)
Salaries WD	197,259	203,057	168,179	225,076	243,299	(7)
Meter Reading	59,642	64,672	44,006	58,944	63,662	(7)
Billing Salaries	29,288	31,346	23,496	31,116	33,991	(7)
Administrative Salaries	179,226	194,234	134,300	179,263	219,087	(7)
Office Salaries	148,796	161,720	114,075	151,083	165,029	(7)
Line Locating	19,089	19,524	13,055	18,648	18,886	(7)
Sick/Vacation Leave	135,992	127,470	91,922	139,801	132,980	(7)
FICA Taxes	71,293	75,747	54,071	73,004	78,223	(7)
Pension	254,038	92,511	84,765	274,855	122,627	(8)
Group Insurance	254,337	273,791	168,147	222,928	254,756	(9)
<b>Total Wages &amp; Benefits</b>	<b>1,544,671</b>	<b>1,448,394</b>	<b>1,043,411</b>	<b>1,576,588</b>	<b>1,545,771</b>	

**WATER UTILITY  
2024 Budget - Final**

**Revenues/Expenses (Cont.)**

	<u>Actual 2022</u>	<u>Budget 2023</u>	<u>9 Months 2023</u>	<u>Rolling 12 Months</u>	<u>Proposed 2024</u>
<b>Operating Supplies &amp; Expense</b>					
Chemicals	176,589	163,338	109,188	160,025	200,000
Materials & Supplies	27,709	28,417	18,077	27,479	27,338
Meter Expense	3,787	5,379	2,006	2,123	2,543
Office Supplies	9,557	12,194	4,376	7,142	6,878
Janitorial Services	5,884	5,881	4,413	5,884	5,884
Interior Landscaping	0	177	0	0	0
Exterior Landscaping	1,689	2,509	1,483	1,826	2,016
Sand / Gravel / Pavement	962	2,720	4,391	4,391	5,430
SCADA Expense	20,762	22,189	13,327	13,967	16,820
Safety Equipment	666	742	609	675	788
Miscellaneous Equipment	4,901	7,723	8,998	9,480	11,834
Tools	3,323	2,997	3,976	5,243	5,588
Transportation	33,444	43,531	22,690	31,152	32,545
Insurance	2,989	74,254	64,777	64,835	68,725
Regulatory Expense	4,440	5,491	4,530	4,530	5,602
Well Expense	3,369	4,194	4,330	4,330	5,355
Dues & Subscriptions	30,651	11,578	12,035	31,863	12,930
Promotional Expense	201	4,180	172	269	3,180
Employee Recognition	950	930	154	671	930
Bad Debt Expense	29,676	13,353	13,353	13,353	13,607 (10)
Postage	1,123	1,357	852	1,144	1,208
Conferences & Training	17,313	25,829	16,023	19,364	27,757
Uniforms - Cleaning	9,054	9,944	8,196	10,843	11,539
General Maintenance	28,549	26,580	56,617	67,604	75,839
Computer Equipment	8,682	8,313	11,043	15,968	16,063
Software Expense	10,427	9,090	9,488	12,733	15,346
Maintenance Agreements	60,527	64,255	46,190	62,026	75,965 (11)
Payment in Lieu of Taxes	202,787	208,680	172,547	226,795	242,135
Depreciation	776,810	791,974	588,715	783,191	800,652
Gross Income Tax	36,000	0	0	0	0 (12)
Lease Rental Payments - Principal	78,631	79,515	79,515	79,515	41,139 (13)
Lease - Copiers/Printers	2,395	2,481	3,174	3,808	4,261
Bank Fees - Credit Card	26,778	27,537	22,423	29,853	31,668
Miscellaneous	25,144	25,522	23,541	30,694	32,903
<b>Total Operating Supplies &amp; Expense</b>	<b><u>1,645,769</u></b>	<b><u>1,692,855</u></b>	<b><u>1,331,209</u></b>	<b><u>1,732,776</u></b>	<b><u>1,804,469</u></b>
<b>Total Expenses</b>	<b><u>3,763,818</u></b>	<b><u>3,921,689</u></b>	<b><u>2,840,756</u></b>	<b><u>3,973,906</u></b>	<b><u>4,325,249</u></b>
<b>Operating Income</b>	<b><u>1,581,983</u></b>	<b><u>1,574,174</u></b>	<b><u>1,322,992</u></b>	<b><u>1,431,387</u></b>	<b><u>1,262,799</u></b>
<b>Interest</b>					
Interest Revenue	64,408	219,273	492,314	526,167	498,119
Interest Expense	(219,451)	(190,887)	(144,330)	(193,049)	(180,178) (14)
<b>Total Interest Revenue (Expense)</b>	<b><u>(155,043)</u></b>	<b><u>28,386</u></b>	<b><u>347,984</u></b>	<b><u>333,118</u></b>	<b><u>317,941</u></b>
<b>Extraordinary Items</b>					
Availability Fees	419,700	8,670,800	4,946,900	5,046,600	1,700,000 (15)
Gain on Sale of Assets	0	0	0	0	0
Loss on Sale of Assets	(16,056)	(111,600)	0	(2,591)	(1,373)
<b>Total Extraordinary Items</b>	<b><u>403,644</u></b>	<b><u>8,559,200</u></b>	<b><u>4,946,900</u></b>	<b><u>5,044,009</u></b>	<b><u>1,698,627</u></b>
<b>Net Margin</b>	<b><u>1,830,584</u></b>	<b><u>10,161,760</u></b>	<b><u>6,617,876</u></b>	<b><u>6,808,514</u></b>	<b><u>3,279,367</u></b>

# WATER UTILITY 2024 Budget - Final

## Notes to Proposed Revenue and Expenses

Note	Description
(1)	An overall growth factor of 2% was used in determining the proposed 2024 revenues.
(2)	Engineering fees for GIS updates, TAC Meetings, on-call services, CIP Updates, Etc.
(3)	Accounting fees include State Board of Accounts audit costs and arbitrage testing.
(4)	General legal counsel.
(5)	Contractual Services for IT consulting / Cyber Security.
(6)	Estimated amount for miscellaneous contractual services needed by the different departments.
(7)	Assumes an overall 8.5% increase in wages with inflationary adjustment along with employees moving through the advancement program.
(8)	Funding of the Defined Benefit Plan and the Defined Contribution Plan.
(9)	We received a 8.1% increase for 2024.
(10)	A bad debt allowance has been set at .25%.
(11)	General maintenance agreements on items such as NISC, Microsoft and other misc. systems.
(12)	Utility receipts tax is equal to 1.2% of total revenues. This was eliminated in July of 2022.
(13)	Lease rental principal on the municipal building.
(14)	Lease rental interest on municipal building and loan interest on the 2019 and 2021 SRF loan.
(15)	Engineering estimate based on 500 EDU's less upsize credits of \$600,000.

**WATER UTILITY  
2024 Budget - Final  
Capital Additions**

Item	Class	Description	Code	Amount	Notes
1	A	<b>Additional Water Source</b> - Additional water source to serve planned future development.	4	5,000,000	
2	A	<b>Lakeshore Drive and SR 39 Water Main Replacement</b> - Replacement of failing water main.	2	700,000	
3	A	<b>Chicago Street WTP Improvements</b> - Upgrades to backwash holding tank, new wellhouse, demo and generator.	2	600,000	
4	B	<b>Indianapolis Avenue Water Main Extension - 16"</b> water main extension along Indianapolis Avenue.	4	575,000	
5	A	<b>Ulen/Elmwood Bridge Water Main Reroute</b> - Relocation of 6" water main as part of the bridge replacement project.	3	260,000	
6	C	<b>Automated Meter Infrastructure</b> - Annual amount for meter replacements as needed. This is year 4 of a 5 year program.	2	232,500	
7	B	<b>Chicago Street WTP Bulk Water Station</b> - Addition of a retail bulk water station at the Chicago Street WTP.	1	200,000	
8	A	<b>Fordice Road Water Main Improvement</b> - Upsize of water main coinciding with city road project.	4	200,000	
9	C	<b>Facility Rehab &amp; Improvements</b> - Miscellaneous facility improvements as deemed necessary.	2	150,000	
10	C	<b>Unforeseen Distribution System Repairs &amp; Upgrades</b> - Misc. distribution system improvements as deemed necessary.	2	95,000	
11	C	<b>Unforeseen Equipment Repair &amp; Replacement</b> - Allows for misc. equipment repair or replacement.	2	85,000	
12	C	<b>Well Improvement, Rehab and Upgrades</b> - Program to upgrade, maintain and clean wells.	2	80,000	
13	D	<b>GMC 2T Dump Truck</b> - Replaces Vehicle #18.	2	70,000	(a),(b)
14	D	<b>GMC Canyon</b> - Replaces Vehicle #92.	2	40,000	(a),(b)
15	C	<b>Water's Portion of the IT Budget</b> - The estimated cost to the Water Utility for IT Functions.	1	34,410	
16	D	<b>Crew Cab Truck</b> - Replaces Vehicle #20.	2	12,500	(a),(b)
17	D	<b>Water's Portion of Administration Vehicles</b> - Water's portion of administrative vehicle replacements in agreement with our vehicle replacement program.	2	9,300	(a),(b)

## WATER UTILITY 2024 Budget - Final

### Capital Additions

Item	Class	Description	Code	Amount	Notes
18	D	<b>Bame Backhoe Trailer</b> - Replaces a 1977 trailer.	2	7,000	(a),(b)
19	D	<b>Trailer</b> - Replaces a 1997 trailer.	2	4,000	(a),(b)
TOTAL				8,354,710	
				Operational Cash Flow	234,410
				Reserves	2,085,300
				Bond	260,000
				Availability Fees	5,775,000
TOTAL				8,354,710	

**Code:**

**Class:**

1	Operational Cash Flow	A	Must Accomplish This Year
2	Reserves	B	Accomplish for Improvement of System Integrity
3	Bonding	C	Ongoing Program - Accomplish for Improvement of System Integrity
4	Availability Fees	D	Ongoing Program - Long Term/Short Term & Vehicles/Equipment

**Notes:**

- (a) Cost does not reflect money received from sale of old vehicle/equipment.
- (b) Included in 10 year replacement plan.
- (c) Cost estimates provided by engineering consultant.
- (d) May include capitalized labor.

**\*\*These figures do not include any future or anticipated annexation.**

**WATER UTILITY  
2024 Budget - Final**

**Capital Projects - 5 Years Beyond Fiscal Year 2024**

<b>Item</b>	<b>Description</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total Amount</b>
1	<b>Additional Water Source</b> Additional water source to serve planned future development.	25,000,000	0	0	0	0	25,000,000
2	<b>Park Street Elevated Storage Tank Water Main Extension</b> 16" water main along Williams Street and up Park Street to the tank.	0	2,500,000	0	0	0	2,500,000
3	<b>Grant Street Phase II Water Main</b> 16" water main along Grant Street.	1,700,000	0	0	0	0	1,700,000
4	<b>Lead/Galvanized Water Service Line Replacement Program</b> Replacement of Lead/Galvanized Water Service Lines per EPA Requirements.	500,000	500,000	500,000	0	0	1,500,000
5	<b>Spencer Avenue Water Main Loop</b> Replacement and extension of water mains along Spencer Avenue.	850,000	0	0	0	0	850,000
6	<b>Facility Rehab &amp; Improvements</b> Miscellaneous improvements as deemed necessary by staff.	150,000	150,000	150,000	150,000	150,000	750,000
7	<b>Unforeseen Distribution System Repairs &amp; Upgrades</b> Miscellaneous distribution system improvements as deemed necessary.	95,000	100,000	100,000	100,000	100,000	495,000
8	<b>Unforeseen Equipment Repair &amp; Replacement</b> Miscellaneous repairs and replacement.	90,000	95,000	95,000	100,000	105,000	485,000
9	<b>Automated Meter Infrastructure</b> Ongoing Program for AMR/AMI System.	226,500	60,000	60,000	60,000	60,000	466,500
10	<b>Well Improvement, Rehab &amp; Upgrades</b> Program to maintain and clean wells. We have 10 active wells and work on two wells per year.	85,000	85,000	85,000	90,000	95,000	440,000
11	<b>10 Year Vehicle/Mower Replacement Program</b> Ongoing program including support departments, IT, Meter Engineering.	122,900	10,000	130,000	63,500	10,000	336,400

**WATER UTILITY  
2024 Budget - Final**

**Capital Projects - 5 Years Beyond Fiscal Year 2024**

Item	Description	2025	2026	2027	2028	2029	Total Amount
12	<b>IT Budget</b>	10,850	0	23,250	15,500	10,850	60,450
	See IT capital budget for breakdown.						
	Total	<u>28,830,250</u>	<u>3,500,000</u>	<u>1,143,250</u>	<u>579,000</u>	<u>530,850</u>	<u>34,583,350</u>

**\*\*These figures do not include any future or anticipated annexation.**

## Water Utility Projected Cash Analysis

	2024	2025	2026	2027	2028	2029
Total Cash & Investments - Beginning of Year Not Restricted by Ordinance/Regulation	12,944,439	8,141,265	6,467,726	4,040,021	3,858,642	4,101,668
Add:						
Projected Operating Income (A)	5,588,048	5,646,723	5,706,013	5,765,926	5,826,469	5,887,646
Interest	498,119	162,825	129,355	80,800	77,173	82,033
Availability Fee Proceeds	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000
Bond Proceeds	0	25,000,000	0	0	0	0
Depreciation	800,652	816,665	832,999	849,659	866,652	883,985
Less:						
Projected Operational Expenses (B)	(4,325,249)	(4,512,965)	(4,708,827)	(4,913,190)	(5,126,423)	(5,348,910)
Bond Principal and Interest - Current	(622,680)	(623,770)	(623,660)	(623,380)	(623,900)	(623,240)
Bond Principal and Interest - Proposed	0	(948,972)	(1,897,944)	(1,897,944)	(1,897,944)	(1,897,944)
Reserve Transfers	(86,856)	(83,796)	(65,640)	0	0	0
Lease Interest Expense	(498)	0	0	0	0	0
Estimated Cash & Investments Before Capital Expenditures Not Restricted by Ordinance/Regulation	16,495,975	35,297,976	7,540,021	5,001,892	4,680,668	4,785,239
Less:						
Projected Capital Expenditures	(8,354,710)	(28,830,250)	(3,500,000)	(1,143,250)	(579,000)	(530,850)
Estimated Cash & Investments - End of Year Not Restricted by Ordinance/Regulation	8,141,265	6,467,726	4,040,021	3,858,642	4,101,668	4,254,389
Less: Two Months of Average Operation Expense	(720,875)	(752,161)	(784,805)	(818,865)	(854,404)	(891,485)
Available Cash & Investments - End of Year Not Restricted by Ordinance/Regulation	<u>7,420,390</u>	<u>5,715,565</u>	<u>3,255,216</u>	<u>3,039,777</u>	<u>3,247,264</u>	<u>3,362,904</u>

(A) Prior year plus increase of 1.05% which is the average change in the last 10 years (taking out availability fees). Takes into account 2 highest years/2 lowest years/rate adjustments.

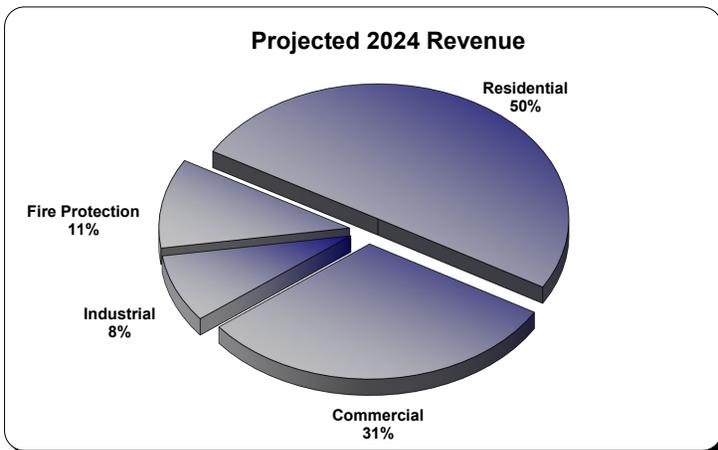
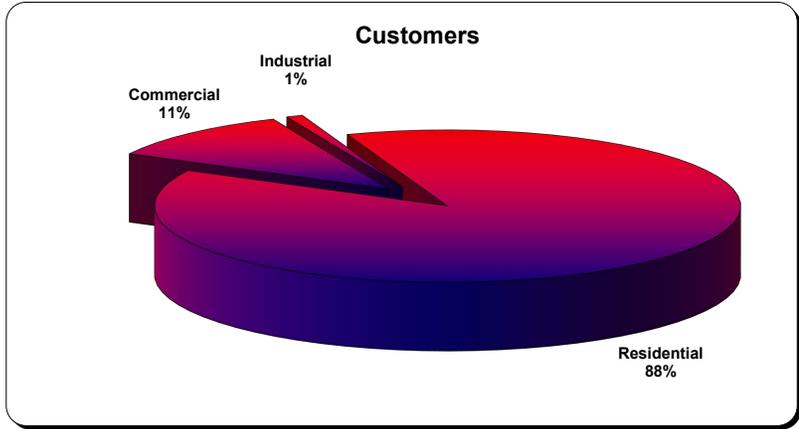
(B) Prior year plus increase of 4.34% which is the average change in the last 10 years. Takes into account 2 highest years/2 lowest years/rate adjustments.

# WATER UTILITY 2024 Budget - Final

## Statistics

### Number of Customers

Residential	6,043
Commercial	744
Industrial	62
Municipal	11



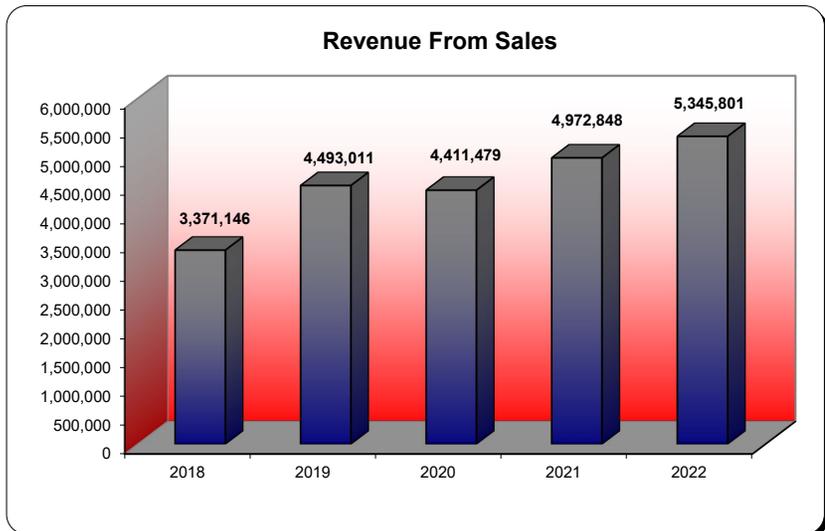
### Projected 2024 Revenue

Residential	2,706,400
Commercial	1,677,225
Industrial	439,068
Fire Protection	579,331

### Revenue From Sales

2018	3,371,146
2019	4,493,011
2020	4,411,479
2021	4,972,848
2022	5,345,801
**2023 Year to Date Thru Sept.	4,163,748

\*\*\*Does not include Availability Fees or non-recurring fees.



# WATER UTILITY 2024 Budget - Final

## Statistics

### Gallons Pumped (Series 1)

2018	587,420,000
2019	578,188,000
2020	619,007,000
2021	626,956,000
2022	654,704,000
**2023 Year to Date Thru Sept.	534,111,000

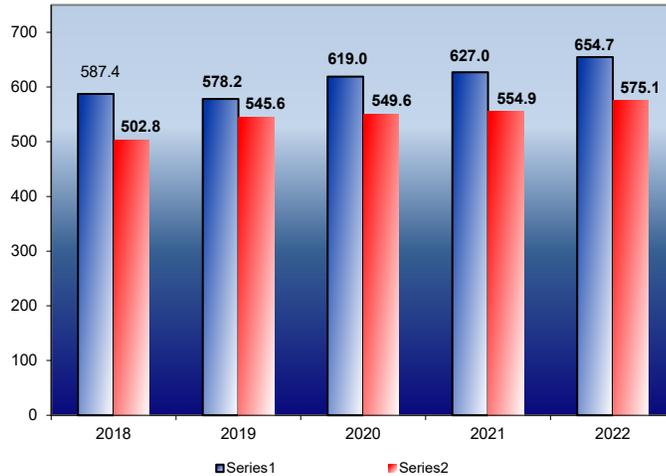
### Gallons Sold (Series 2)

2018	502,758,229 *
2019	545,570,000 *
2020	549,594,000 *
2021	554,947,000 *
2022	575,071,999 *
**2023 Year to Date Thru Sept.	461,936,704 *

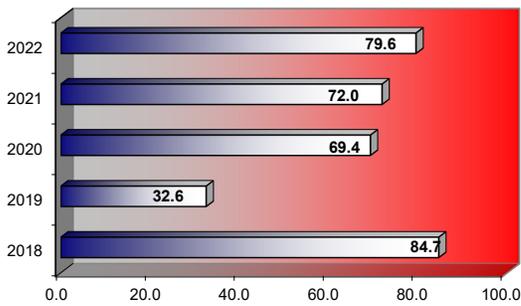
### Yearly Backflush

Add *	15,157,000
-------	------------

### Gallons Pumped (Millions)



### Water Loss (Millions)



### Water Loss (Millions)

2018	84,661,771
2019	32,618,000
2020	69,413,000
2021	72,009,000
2022	79,632,001
**2023 Year to Date Thru Sept.	72,174,296

# Lebanon Wastewater Utility

2024 Budget - Final

**WASTEWATER UTILITY  
2024 Budget - Final**

**Revenues**

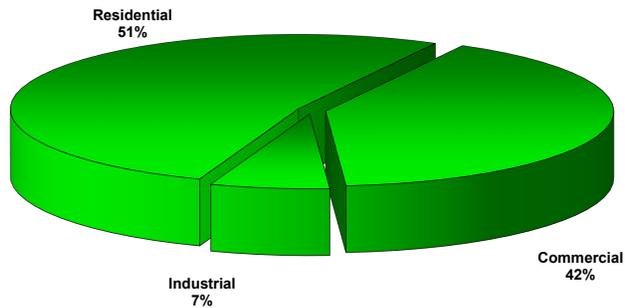
	<u>Actual 2022</u>	<u>Budget 2023</u>	<u>9 Months 2023</u>	<u>Rolling 12 Months</u>	<u>Proposed 2024</u>
<b>Operating Revenue</b>					
Residential	2,863,765	2,990,512	2,200,317	2,852,145	2,950,810
Commercial	2,083,889	2,092,458	1,712,203	2,247,699	2,310,625
Industrial	361,295	389,748	278,843	366,066	376,307
Surcharges	147,197	149,571	120,216	151,456	158,989
Inspection Fees	9,687	10,562	8,245	10,235	10,826
Late Penalties	93,881	109,986	70,079	94,723	95,962
<b>Total Revenue from Sales</b>	<u><b>5,559,714</b></u>	<u><b>5,742,837</b></u>	<u><b>4,389,903</b></u>	<u><b>5,722,324</b></u>	<u><b>5,903,519</b></u>
<b>Other Revenue</b>					
Availability Fees	388,284	14,158,400	7,454,400	7,672,355	1,400,000
Contributions	1,460,532	600,000	272,206	1,022,738	620,000
Interest	31,941	202,142	435,263	450,923	691,958
Other	38,935	135,445	39,612	(33,418)	52,816
<b>Total Other Revenues</b>	<u><b>1,919,692</b></u>	<u><b>15,095,987</b></u>	<u><b>8,201,481</b></u>	<u><b>9,112,598</b></u>	<u><b>2,764,774</b></u>
<b>Total Revenue</b>	<u><u><b>7,479,406</b></u></u>	<u><u><b>20,838,824</b></u></u>	<u><u><b>12,591,384</b></u></u>	<u><u><b>14,834,922</b></u></u>	<u><u><b>8,668,293</b></u></u>

Note: A growth factor of 2% for residential, commercial and industrial was used in determining the proposed 2024 revenues.

<u>Rate Class</u>	<u>Number of Customers</u>
Residential	5,885
Commercial	711
Industrial	57
<b>Total</b>	<u><b>6,653</b></u>

(As of 09/23)

**Projected Revenue by Rate Class**



	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Sep-23</u>
<b>Number of Employees</b>	16	16	15	16	15

**WASTEWATER UTILITY  
2024 Budget - Final**

**Revenues/Expenses**

	<u>Actual 2022</u>	<u>Budget 2023</u>	<u>9 Months 2023</u>	<u>Rolling 12 Months</u>	<u>Proposed 2024</u>	
<b>Operating Revenues</b>						
Residential	2,863,765	2,990,512	2,200,317	2,852,145	2,950,810	(1)
Commercial	2,083,889	2,092,458	1,712,203	2,247,699	2,310,625	(1)
Industrial	361,295	389,748	278,843	366,066	376,307	(1)
Surcharges	147,197	149,571	120,216	151,456	158,989	(1)
Inspection Fees	9,687	10,562	8,245	10,235	10,826	(1)
Late Penalties	93,881	109,986	70,079	94,723	95,962	(1)
<b>Total Operating Revenues</b>	<u>5,559,714</u>	<u>5,742,837</u>	<u>4,389,903</u>	<u>5,722,324</u>	<u>5,903,519</u>	
<b>Other Revenues</b>						
Other	38,935	135,445	39,612	(33,418)	52,816	
<b>Total Other Revenue</b>	<u>38,935</u>	<u>135,445</u>	<u>39,612</u>	<u>(33,418)</u>	<u>52,816</u>	
<b>Total Revenue (less Interest)</b>	<u>5,598,649</u>	<u>5,878,282</u>	<u>4,429,515</u>	<u>5,688,906</u>	<u>5,956,335</u>	
<b>Purchased Services</b>						
Engineering Fees	562,146	255,000	73,916	577,775	265,000	(2)
Accounting Fees	4,438	10,000	0	0	10,000	(3)
Legal Fees	58,898	56,057	58,651	91,164	89,764	(4)
Contractual Services - Sludge Removal	100,555	80,000	68,372	97,876	100,000	
Contractual Services - IT	99,586	105,555	69,724	101,586	105,555	(5)
Contractual Services - Other	226,264	258,738	72,749	228,785	262,618	(6)
Telephone Expense	17,508	17,530	15,423	20,409	21,716	
Utilities	282,814	328,287	226,323	293,069	315,261	
<b>Total Purchased Services</b>	<u>1,352,209</u>	<u>1,111,167</u>	<u>585,158</u>	<u>1,410,664</u>	<u>1,169,914</u>	
<b>Wages &amp; Benefits</b>						
Salaries WWC	189,461	186,047	178,792	239,649	258,652	(7)
Salaries WWT	256,867	276,912	146,919	212,372	212,543	(7)
Meter Reading	59,642	64,672	44,006	58,944	63,662	(7)
Line Locating	18,570	18,773	13,055	18,648	18,886	(7)
Mapping	0	0	271	271	392	(7)
Billing Salaries	29,288	31,346	23,496	31,116	33,991	(7)
Laboratory Salaries	61,691	65,813	51,483	67,681	74,479	(7)
Administrative Salaries	179,226	194,234	134,300	179,263	219,087	(7)
Office Salaries	148,796	161,720	114,075	151,083	165,029	(7)
Vacation/Sick Leave	152,321	132,073	114,451	175,477	165,572	(7)
FICA Taxes	78,875	81,809	64,564	86,889	93,403	(7)
Pension	265,489	102,080	106,127	301,054	153,530	(8)
Group Insurance	270,028	290,334	200,280	258,694	301,070	(9)
<b>Total Wages &amp; Benefits</b>	<u>1,710,254</u>	<u>1,605,814</u>	<u>1,191,819</u>	<u>1,781,141</u>	<u>1,760,297</u>	

**WASTEWATER UTILITY**  
**2024 Budget - Final**  
**Revenues/Expenses (Cont.)**

	<u>Actual 2022</u>	<u>Budget 2023</u>	<u>9 Months 2023</u>	<u>Rolling 12 Months</u>	<u>Proposed 2024</u>
Chemicals	36,447	45,099	51,796	59,386	80,000
Materials & Supplies	4,764	11,769	5,619	1,020	4,511
Lab	14,778	14,851	7,886	11,178	11,497
Liftstations	24,589	26,095	28,527	32,678	37,478
Office Supplies	8,890	9,170	4,863	7,571	7,449
Janitorial Services	5,884	5,881	4,413	5,884	5,884
Interior Landscaping	0	177	0	0	0
Exterior Landscaping	9,289	2,509	1,483	7,501	5,024
Meter Expense	8,806	13,000	8,673	8,789	16,000
Safety Equipment	775	958	5,076	5,076	6,277
SCADA Equipment	17,795	16,370	13,485	19,713	19,977
Sand / Gravel / Pavement	1,213	418	0	875	464
Miscellaneous Equipment	4,903	1,503	5,667	7,349	7,900
General Maintenance	62,284	65,868	49,300	69,063	71,442
Transportation	21,934	25,297	12,034	18,613	18,369
Computer Equipment	7,517	8,313	11,248	16,395	16,063
Software Expense	11,284	10,081	12,310	15,752	15,346
Maintenance Agreements	63,552	68,875	47,124	62,866	77,070 (10)
Insurance	926	62,707	74,593	74,651	79,130
Promotional Expense	201	6,180	172	269	3,180
Employee Recognition	605	930	497	1,069	930
Regulatory Expense	9,500	11,748	12,395	12,395	15,328
Bad Debt Expense	30,359	14,357	14,357	14,357	14,759 (11)
Dues & Subscriptions	10,057	11,579	11,606	10,815	17,930
Postage	1,063	1,206	772	1,058	1,106
Conferences & Training	20,417	25,829	24,362	29,628	27,757
Uniforms	14,670	14,765	12,059	16,985	17,524
Safety Training Expense	4,190	5,439	7,148	8,064	9,325
Payment in Lieu of Taxes	272,630	292,409	202,177	268,398	285,123
Depreciation Expense	951,572	967,943	733,996	973,845	998,235
Amortization - Deferred Costs	0	(1,572)	(1,178)	0	(1,572)
Lease Rental Payments - Principal	78,631	79,515	79,515	79,515	41,139 (12)
Lease - Copiers/Printers	2,395	2,481	3,174	3,808	4,261
Bank Fees - Credit Card	26,778	27,345	22,423	29,853	31,691
Pump Expense	0	0	4,161	4,161	5,146
Miscellaneous	54,302	45,939	35,392	55,305	54,322
<b>Total Operating Supplies &amp; Expense</b>	<b>1,783,000</b>	<b>1,895,038</b>	<b>1,507,125</b>	<b>1,933,885</b>	<b>2,006,065</b>
<b>Total Expenses</b>	<b>4,845,463</b>	<b>4,612,019</b>	<b>3,284,102</b>	<b>5,125,690</b>	<b>4,936,276</b>
<b>Operating Income</b>	<b>753,186</b>	<b>1,266,263</b>	<b>1,145,413</b>	<b>563,216</b>	<b>1,020,059</b>
<b>Interest</b>					
Interest Revenue	31,941	202,142	435,263	450,923	691,958
Interest Expense	(400,505)	(385,362)	(291,057)	(387,468)	(368,107) (13)
<b>Total Interest Revenue (Expense)</b>	<b>(368,564)</b>	<b>(183,220)</b>	<b>144,206</b>	<b>63,455</b>	<b>323,851</b>
<b>Extraordinary Items</b>					
Availability Fees	388,284	14,158,400	7,454,400	7,672,355	1,400,000 (14)
Contributed Capital	1,460,532	600,000	272,206	1,022,738	620,000
Gain on Sale of Assets	0	0	0	0	0
Loss on Sale of Assets	(9,963)	(111,600)	0	(1,117)	(592)
<b>Total Extraordinary Items</b>	<b>1,838,853</b>	<b>14,646,800</b>	<b>7,726,606</b>	<b>8,693,976</b>	<b>2,019,408</b>
<b>NET MARGIN</b>	<b>2,223,475</b>	<b>15,729,843</b>	<b>9,016,225</b>	<b>9,320,647</b>	<b>3,363,318</b>

# WASTEWATER UTILITY

## 2024 Budget - Final

### Notes to Proposed Revenue and Expenses

Note	Description
(1)	An overall growth factor of 2% was used in determining the proposed 2024 revenues.
(2)	This includes amounts for GIS, pretreatment, lining, biosolids, development projects, system evaluation and other misc. engineering services.
(3)	Accounting fees include State Board of Accounts audit costs and arbitrage testing.
(4)	General legal counsel.
(5)	Contractual Services for IT consulting / Cyber Security.
(6)	Estimated amount for miscellaneous contractual services needed by the different departments.
(7)	Assumes an overall 8.5% increase in wages with inflationary adjustment along with employees moving through the advancement program.
(8)	Funding of the Defined Benefit Plan and the Defined Contribution Plan.
(9)	We received a 8.1% increase for 2024.
(10)	General maintenance agreements on items such as NISC, Microsoft and other misc. systems.
(11)	A bad debt allowance has been set at .25%.
(12)	Lease rental principal on municipal building.
(13)	Lease rental interest on municipal building and bond interest on the 2014 and 2018 bonds.
(14)	Engineering estimate based on 500 EDU's less upsize credits of \$1,000,000.

## WASTEWATER UTILITY 2024 Budget - Final

### Capital Additions

Item	Class	Description	Code	Amount	Notes
1	B	<b>Business Park Regional Lift Station</b> - Design of new regional lift station, sewers & forcemain for the Business Park.	4	6,200,000	
2	B	<b>Reese Park Lift Station &amp; Gravity Sewer Improvements Phase 2</b> - New gravity sewers upstream of the new LS to reduce SSO's.	4	2,600,000	
3	B	<b>Hickory Junction Lift Station - Phase 2</b> - Pump upgrades and forcemain extension to expand LS capacity.	4	2,000,000	
4	A	<b>Elimination of 4H Fairgrounds Lift Station</b> - New gravity sewers to redirect flow from the 4H LS to the southeast regional LS.	4	1,000,000	
5	B	<b>Northside Lift Station Full Buildout</b> - Gravity sewers and improvements to Northside LS to increase	4	500,000	
6	C	<b>Gravity Sewer Line and Manhole Rehab., Replacement &amp; Cleaning</b> - Ongoing project to help reduce I&I.	4	500,000	
7	C	<b>Collection System Repairs &amp; Upgrades</b> - Used for various repairs and upgrades in the collection system.	2	300,000	
8	D	<b>3/4T Camera Van</b> - Replaces Vehicle #23.	2	250,000	(a),(b)
9	C	<b>Automated Meter Infrastructure</b> - Annual amount for meter replacements as needed.	2	232,500	
10	C	<b>Gravity Sewer Reroute Program</b> - Reroute of sewers located under/near structures and exposed creek crossings.	2	200,000	
11	D	<b>Case Backhoe 580 Super</b> - Replaces a 2009 Backhoe.	2	150,000	(a),(b)
12	D	<b>Skid Steer</b> - This would be a new purchase.	1	150,000	(a),(b)
13	C	<b>WWTP Unforeseen Repairs &amp; Upgrades</b> - Various repairs and upgrades to the WWTP.	2	150,000	
14	C	<b>Wastewater's Portion of the IT Budget</b> - The estimated cost to the Water Utility for IT Functions.	1	34,410	
15	D	<b>Ford Escape</b> - Replaces Vehicle #24.	2	35,000	(a),(b)
16	D	<b>GMC Sierra</b> - Replaces Vehicle #37.	2	35,000	(a),(b)

**WASTEWATER UTILITY  
2024 Budget - Final  
Capital Additions (Cont)**

Item	Class	Description	Code	Amount	Notes
17	B	<b>FROG Program</b> - Capital expenses associated with the Fats, Rags, Oils and Grease Program.	2	20,000	
18	B	<b>Pre-Treatment Program</b> - Capital expenses associated with the pre-treatment program.	2	20,000	
19	D	<b>Ford Escape</b> - Replaces Vehicle #20.	2	12,500	(a),(b)
20	D	<b>Wastewater's Portion of Administration Vehicles</b> - Wastewater's portion of administrative vehicle replacements in agreement with our vehicle replacement program.	2	9,300	(a),(b)
<b>TOTAL</b>				<u>14,398,710</u>	
Operational Cash Flow				184,410	
Reserves				1,414,300	
Bonding				0	
Availability Fees				<u>12,800,000</u>	
<b>TOTAL</b>				<u><u>14,398,710</u></u>	

Code:	Class:		
1	Operational Cash Flow	A	Must Accomplish This Year
2	Reserves	B	Accomplish for Improvement of System Integrity
3	Bonding	C	Ongoing Program - Accomplish for Improvement of System Integrity
4	Availability Fees	D	Ongoing Program - Long Term/Short Term & Vehicles/Equipment

- Notes:**
- (a) Cost does not reflect money received from sale of old vehicle/equipment.
  - (b) Included in 10 year replacement plan.
  - (c) Cost estimates provided by engineering consultant.
  - (d) May include capitalized labor.

**\*\*These figures do not include any future or anticipated annexation.**

**WASTEWATER UTILITY  
2024 Budget Final**

**Capital Projects - 5 Years Beyond Fiscal Year 2024**

Item	Description	2025	2026	2027	2028	2029	Total Amount
1	<b>Gravity Sewer Line and Manhole Rehab, Replacement &amp; Cleaning</b> Ongoing project to help reduce I&I.	500,000	500,000	500,000	500,000	500,000	2,500,000
2	<b>Hickory Junction Lift Station - Phase 3</b> Pump Upgrades and Force Main Extension to expand LS Capacity	0	0	500,000	2,000,000	0	2,500,000
3	<b>Collection System Repairs &amp; Upgrades</b> Various repairs and upgrades to the collections system.	300,000	300,000	300,000	300,000	300,000	1,500,000
4	<b>Gravity Sewer Reroute Program</b> Reroute of sewers located under/near structures and exposed sewer creek crossings	200,000	200,000	200,000	200,000	200,000	1,000,000
5	<b>WWTP Unforeseen Repairs &amp; Upgrades</b> Various repairs and upgrades to the WWTP.	150,000	150,000	150,000	150,000	150,000	750,000
6	<b>10 Year Vehicle/Equipment Replacement Program</b> Ongoing program and includes wastewater's portion of multi-departmental equipment replacement program- five of ten years.	364,900	105,500	0	25,000	10,000	505,400
7	<b>AMI Replacement Program</b> Ongoing Program for AMR/AMI System	226,500	60,000	60,000	60,000	60,000	466,500
8	<b>Pre-Treatment Program</b> Capital expenses for the pre-treatment program.	20,000	20,000	20,000	20,000	20,000	100,000
9	<b>FROGS Program</b> Capital expense for the Fats, Rags, Oils and Grease program.	20,000	20,000	20,000	20,000	20,000	100,000
10	<b>IT Budget</b> See IT capital budget for breakdown.	10,850	0	23,250	15,500	10,850	60,450
Total		<u>1,792,250</u>	<u>1,355,500</u>	<u>1,773,250</u>	<u>3,290,500</u>	<u>1,270,850</u>	<u>9,482,350</u>

**\*\*These figures do not include any future or anticipated annexation.**

## WASTEWATER UTILITY

### Projected Cash Analysis

	2024	2025	2026	2027	2028	2029
Total Cash & Investments - Beginning of Year Not Restricted by Ordinance/Regulation	20,155,389	9,437,251	11,025,328	12,973,088	14,575,392	14,726,871
Add:						
Projected Operating Income (A)	5,956,335	6,080,227	6,206,696	6,335,795	6,467,580	6,602,105
Interest	691,958	338,745	220,507	259,462	291,508	294,537
Availability Fee Revenue	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000
Contributions	620,000	620,000	620,000	620,000	620,000	0
Depreciation & Amortization	996,663	1,016,596	1,036,928	1,057,666	1,078,820	1,100,396
Bond Proceeds	0	0	0	0	0	0
Less:						
Projected Operational Expenses (B)	(4,936,276)	(5,048,329)	(5,162,926)	(5,280,125)	(5,399,984)	(5,522,563)
Bond Principal & Interest Payments	(1,047,610)	(1,026,911)	(1,017,944)	(1,017,244)	(1,015,944)	(1,018,356)
Lease Interest Expense	(498)	0	0	0	0	0
Estimated Cash & Investments Before Capital Expenditures Not Restricted by Ordinance/Regulation	23,835,961	12,817,578	14,328,588	16,348,642	18,017,371	17,582,991
Less:						
Projected Capital Expenditures	(14,398,710)	(1,792,250)	(1,355,500)	(1,773,250)	(3,290,500)	(1,270,850)
Estimated Cash & Investments - End of Year Not Restricted by Ordinance/Regulation	9,437,251	11,025,328	12,973,088	14,575,392	14,726,871	16,312,141
Less: Two Months of Average Operation Expense	(822,713)	(841,388)	(860,488)	(880,021)	(899,997)	(920,427)
Available Cash & Investments - End of Year Not Restricted by Ordinance/Regulation	<u>8,614,538</u>	<u>10,183,940</u>	<u>12,112,600</u>	<u>13,695,371</u>	<u>13,826,874</u>	<u>15,391,714</u>

(A) Prior year plus increase of 2.08% which is the average change in the last 10 years.  
Takes into account 2 highest years/2 lowest years/rate adjustments.

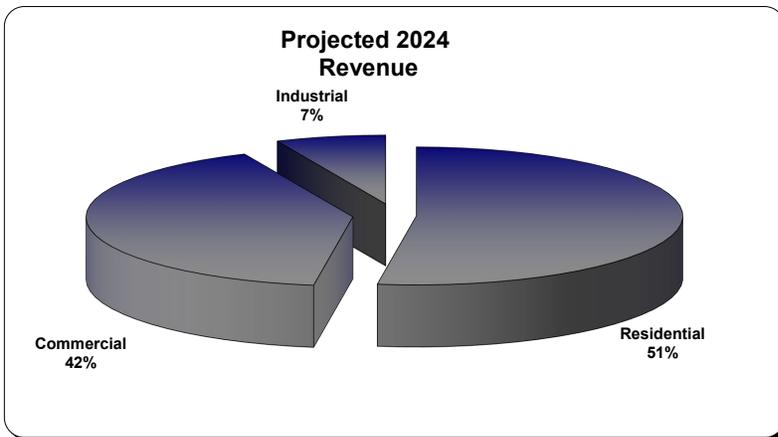
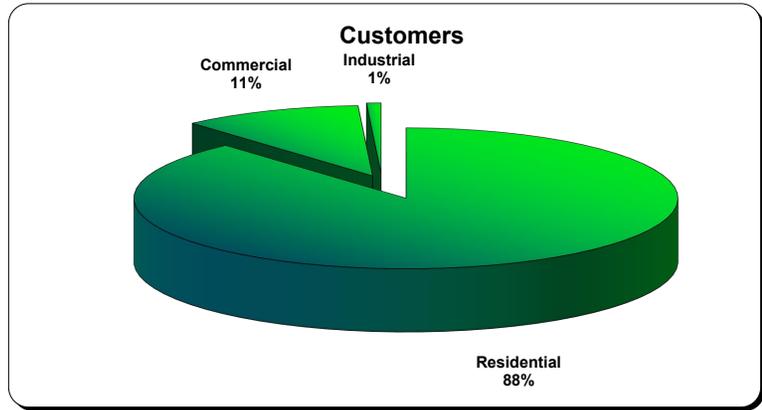
(B) Prior year plus increase of 2.27% which is the average change in the last 10 years. Takes into account 2 highest years/2 lowest years/rate adjustments.

# WASTEWATER UTILITY 2024 Budget - Final

## Statistics

### Number of Customers

Residential	5,885
Commercial	711
Industrial	57



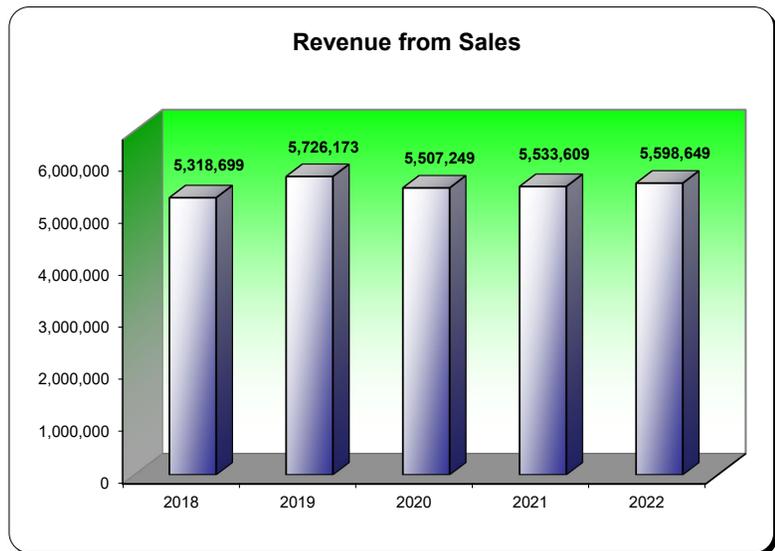
### Projected 2024 Revenue

Residential	2,950,810
Commercial	2,310,625
Industrial	376,307

### Revenue From Sales

2018	5,318,699
2019	5,726,173
2020	5,507,249
2021	5,533,609
2022	5,598,649
**2023 Year to Date Thru Sept.	4,429,515

\*\*\*Does not include Availability Fees.



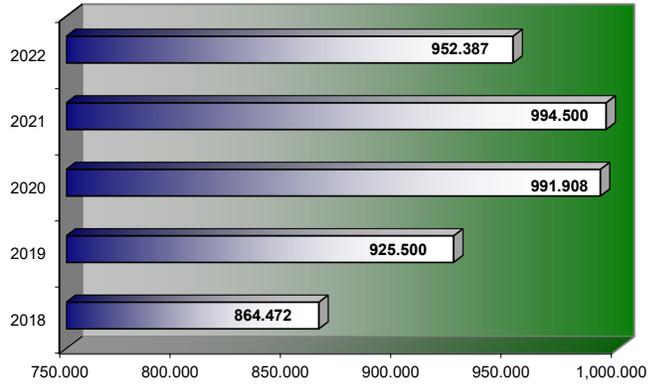
# WASTEWATER UTILITY 2024 Budget - Final

## Statistics

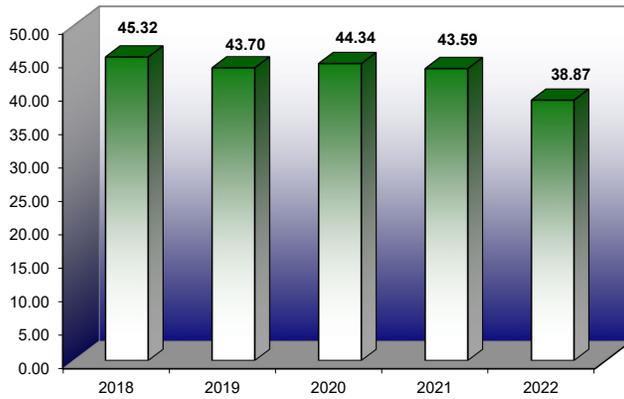
**Effluent (1,000,000 Gallons)**

2018	864.472
2019	925.500
2020	991.908
2021	994.500
2022	952.387
**2023 Year to Date Thru Sept.	740.578

**Effluent (Millions per Year)**



**Rainfall (Inches)**



**Rainfall (Inches)**

2018	45.32
2019	43.70
2020	44.34
2021	43.59
2022	38.87
**2023 Year to Date Thru Sept.	29.71

# Telecommunications Division

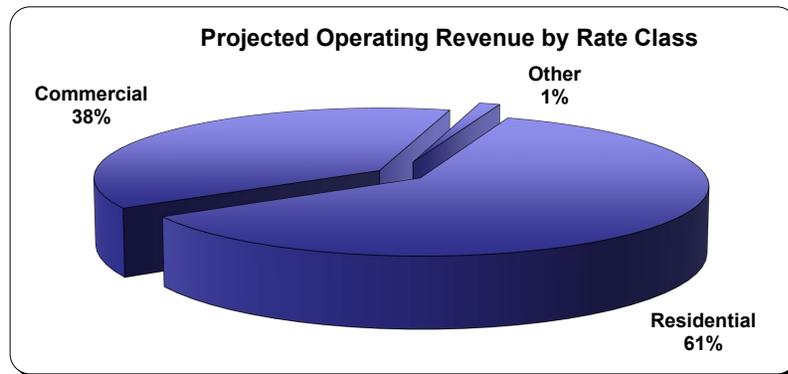
## 2024 Budget - Final

**TELECOMMUNICATIONS DIVISION  
2024 Budget - Final**

**Revenues**

	<u>Actual 2022</u>	<u>Budget 2023</u>	<u>9 Months 2023</u>	<u>Rolling 12 Months</u>	<u>Proposed 2024</u>
<b>Operating Revenue</b>					
Residential	557,668	569,421	414,235	553,546	563,988
Commercial	283,408	288,881	207,513	277,607	282,688
Custom Commercial	68,618	69,944	51,506	68,729	70,076
Installations	3,358	3,222	1,749	2,729	2,581
Set-up Charges	4,549	4,721	2,709	3,749	3,754
Late Penalties	6,015	6,136	4,141	5,625	5,685
<b>Total Revenue from Sales</b>	<u><b>923,616</b></u>	<u><b>942,326</b></u>	<u><b>681,853</b></u>	<u><b>911,985</b></u>	<u><b>928,772</b></u>
<b>Other Revenue</b>					
Interest	4,146	22,537	34,002	36,308	41,638
Other	48,698	50,762	39,602	50,975	53,859
<b>Total Other Revenues</b>	<u><b>52,844</b></u>	<u><b>73,299</b></u>	<u><b>73,604</b></u>	<u><b>87,283</b></u>	<u><b>95,497</b></u>
<b>Total Revenue</b>	<u><u><b>976,460</b></u></u>	<u><u><b>1,015,625</b></u></u>	<u><u><b>755,457</b></u></u>	<u><u><b>999,268</b></u></u>	<u><u><b>1,024,270</b></u></u>

Note: An average growth factor of 2% was used in determining the proposed 2024 revenues.



<u>Rate Class</u>	<u>Number of Customers</u>
Wireless - Residential	917
Wireless - Commercial	294
Fiber	2
<b>Total</b>	<u><u><b>1,213</b></u></u>
	(As of 9-23)

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Sep-23</u>
<b>Number of Employees</b>	2	2	2	2	2

**TELECOMMUNICATIONS DIVISION**  
**2024 Budget - Final**

**Revenues/Expenses**

	<u>Actual 2022</u>	<u>Budget 2023</u>	<u>9 Months 2023</u>	<u>Rolling 12 Months</u>	<u>Proposed 2024</u>	
<b>Operating Revenues</b>						
Residential	557,668	569,421	414,235	553,546	563,988	(1)
Commercial	283,408	288,881	207,513	277,607	282,688	(1)
Custom Commercial	68,618	69,944	51,506	68,729	70,076	(1)
Installations	3,358	3,222	1,749	2,729	2,581	(1)
Set-up Charges	4,549	4,721	2,709	3,749	3,754	(1)
Late Penalties	6,015	6,136	4,141	5,625	5,685	(1)
<b>Total Operating Revenue</b>	<b><u>923,616</u></b>	<b><u>942,326</u></b>	<b><u>681,853</u></b>	<b><u>911,985</u></b>	<b><u>928,772</u></b>	
<b>Other Revenue</b>						
Other	48,698	50,762	39,602	50,975	53,859	
<b>Total Other Revenue</b>	<b><u>48,698</u></b>	<b><u>50,762</u></b>	<b><u>39,602</u></b>	<b><u>50,975</u></b>	<b><u>53,859</u></b>	
<b>Total Revenue (less Interest)</b>	<b><u>972,314</u></b>	<b><u>993,088</u></b>	<b><u>721,455</u></b>	<b><u>962,960</u></b>	<b><u>982,631</u></b>	
<b>Purchased Services</b>						
Bandwidth	75,351	79,829	55,527	74,365	78,653	
Telephone	2,996	3,037	2,825	3,678	3,946	
Contractual Services - Other	10,971	47,226	11,303	16,168	37,272	(2)
Contractual Services - IT	22,939	23,835	15,292	22,938	23,835	(3)
Accounting Fees	722	3,000	0	0	3,000	(4)
Legal Fees	4,784	4,068	2,419	4,792	4,249	(5)
Utilities	9,547	10,734	6,844	9,172	10,325	
<b>Total Purchased Services</b>	<b><u>127,310</u></b>	<b><u>171,729</u></b>	<b><u>94,210</u></b>	<b><u>131,113</u></b>	<b><u>161,279</u></b>	
<b>Wages &amp; Benefits</b>						
Customer Install	40,859	45,784	33,188	42,399	48,012	(6)
Billing	2,747	2,940	2,203	2,918	3,187	(6)
Administrative	95,458	102,077	73,165	98,063	111,445	(6)
Office Personnel	21,220	22,749	16,406	21,901	23,734	(6)
Sick/Vacation Pay	19,221	15,530	13,828	22,314	20,005	(6)
FICA Taxes	12,888	13,604	9,956	13,440	14,403	(6)
Group Insurance	57,293	61,630	40,258	52,631	60,825	(7)
Pension	49,947	13,769	18,906	59,335	27,351	(8)
<b>Total Wages &amp; Benefits</b>	<b><u>299,633</u></b>	<b><u>278,083</u></b>	<b><u>207,910</u></b>	<b><u>313,001</u></b>	<b><u>308,962</u></b>	

**TELECOMMUNICATIONS DIVISION  
2024 Budget - Final**

**Revenues/Expenses (Cont.)**

	<b>Actual 2022</b>	<b>Budget 2023</b>	<b>9 Months 2023</b>	<b>Rolling 12 Months</b>	<b>Proposed 2024</b>
<b>Operating Supplies &amp; Expense</b>					
Tools & Equipment	2,435	2,894	493	1,751	1,276
Installation Supplies	5,433	5,602	2,969	4,343	4,400
Tower Rent	23,175	24,300	11,386	24,953	21,271
Maintenance of Equipment	734	746	1,204	1,353	1,568
General Maintenance	487	361	412	502	557
Office Supplies	1,821	1,828	976	1,553	1,513
Janitorial Services	1,329	1,327	996	1,329	1,327
Interior Landscaping	0	39	0	0	0
Exterior Landscaping	407	567	348	425	567
Fiber Lease	418	27,000	0	0	36,000
Communications Equipment	5,618	5,823	3,540	4,801	5,046
Computer Equipment	1,160	1,662	3,624	4,477	7,279
Software Expense	1,816	1,514	2,140	2,867	3,562
Maintenance Agreements	12,336	12,971	8,461	11,988	14,689
Dues & Subscriptions	10,798	10,788	13,664	14,712	18,900
Postage	182	211	146	194	206
Insurance	828	4,039	6,308	6,321	6,686
Conference & Training	2,722	5,429	4,128	4,539	5,945
Promotion	33	460	38	48	460
Employee Recognition	214	210	15	222	210
Transportation	4,614	6,070	2,595	3,827	3,862
Freight / Shipping	1,581	1,774	431	691	671
Payment in Lieu of Taxes	2,162	2,394	1,393	1,876	1,979
Depreciation Expense	40,401	41,597	28,504	38,319	38,765
Gross Income Tax	7,500	0	0	0	0 (9)
Bad Debt Expense	5,799	2,356	2,356	2,356	2,322 (10)
Lease Rental Payments - Principal	17,755	17,955	17,955	17,955	9,289 (11)
Lease - Copiers/Printers	541	561	717	860	962
Bank Fees - Credit Card	2,509	2,580	2,101	2,797	2,967
Miscellaneous	26,185	27,241	20,996	28,561	29,975
<b>Total Operating Supplies &amp; Expense</b>	<b>180,993</b>	<b>210,298</b>	<b>137,896</b>	<b>183,620</b>	<b>222,255</b>
<b>Total Expenses</b>	<b>607,936</b>	<b>660,111</b>	<b>440,016</b>	<b>627,734</b>	<b>692,496</b>
<b>Operating Income</b>	<b>364,378</b>	<b>332,978</b>	<b>281,439</b>	<b>335,226</b>	<b>290,135</b>
<b>Interest</b>					
Interest Revenue	4,146	22,537	34,002	36,308	41,638
Interest Expense	(992)	(554)	(555)	(555)	(112) (12)
<b>Total Interest Revenue (Expense)</b>	<b>3,154</b>	<b>21,983</b>	<b>33,447</b>	<b>35,753</b>	<b>41,526</b>
<b>Extraordinary Items</b>					
Gain on Sale of Assets	0	0	0	0	0
Loss on Sale of Assets	(1,034)	(5,000)	(221)	(221)	(5,000)
<b>Total Extraordinary Items</b>	<b>(1,034)</b>	<b>(5,000)</b>	<b>(221)</b>	<b>(221)</b>	<b>(5,000)</b>
<b>Net Margin</b>	<b>366,498</b>	<b>349,961</b>	<b>314,665</b>	<b>370,758</b>	<b>326,662</b>

# TELECOMMUNICATIONS DIVISION

## 2024 Budget - Final

### Notes to Proposed Revenue and Expenses

Note	Description
(1)	The revenue numbers are based on a 2% increase in revenue for 2024.
(2)	Estimated amount for miscellaneous contractual services needed by the different departments.
(3)	Contractual Services for IT consulting / Cyber Security.
(4)	Accounting fees include State Board of Accounts audit costs.
(5)	General legal counsel.
(6)	Assumes an overall 8.5% increase in wages with inflationary adjustment along with employees moving through the advancement program.
(7)	We received a 8.1% increase for 2024.
(8)	Funding of the Defined Benefit Plan and the Defined Contribution Plan.
(9)	Utility receipts tax is equal to 1.2% of total revenues. This was eliminated in July of 2022.
(10)	A bad debt allowance has been set at .25%.
(11)	Lease rental principal on municipal building.
(12)	Includes a portion for the interest on the lease for the municipal building.

**TELECOMMUNICATIONS DIVISION  
2024 Budget - Final**

**Capital Additions**

Item	Class	Description	Code	Amount	Notes
1	A	<b>Wireless Customer Upgrades</b> - Testing, selecting and migrating up to half of our customers to a new technology.	2	135,000	
2	A	<b>Tower AP Upgrades</b> - Additional access points, antennas or upgrade access points to provide faster service to half of our towers.	2	80,000	
3	C	<b>Wireless Installs/Maintenance</b> - Annual amount for routine break/fix and required upgrades. This will cover approx. 100 customers.	2	15,000	
4	B	<b>Fiber Project</b> - Replace old air-blown fiber cable from the municipal building to the Elm Street water tower.	2	10,000	
5	C	<b>Telecom's Portion of the IT Budget</b> - The estimated cost to the Telecommunication Utility for IT Functions.	2	7,770	
6	C	<b>Backhaul Upgrades</b> - To maintain or upgrade the radios that feed the different locations.	2	5,000	
7	C	<b>Router/Switch Upgrades</b> - Upgrade routing and switching infrastructure for the internet service.	2	5,000	
8	D	<b>Telecom's Portion of the Administration Vehicles</b> - Telecom's portion of administrative vehicle replacements in agreement with our vehicle replacement program.	2	2,100	(a),(b)
<b>TOTAL</b>				<b>259,870</b>	
Operational Cash Flow				-	
Reserves				259,870	
Bonding				-	
Outside Funding				-	
<b>TOTAL</b>				<b>259,870</b>	

**Code:**

1 Operational Cash Flow  
2 Reserves  
3 Bonding

**Class:**

A Must Accomplish This Year  
B Accomplish for Improvement of System Integrity  
C Ongoing Program - Accomplish for Improvement of System Integrity  
D Ongoing Program - Long Term/Short Term & Vehicles/Equipment

**Notes:**

- (a) Cost does not reflect money received from sale of old vehicle/equipment.
- (b) Included in 10 year replacement plan.
- (c) Cost estimates provided by engineering consultant.
- (d) May include capitalized labor.

**TELECOMMUNICATIONS DIVISION  
2024 Budget - Final**

**Capital Projects - 5 Years Beyond Fiscal Year 2024**

Item	Description	Projected 2025	Projected 2026	Projected 2027	Projected 2028	Projected 2029	Total Amount
1	<b>Wireless Customer Upgrades</b> Cost to migrate to a new fixed-wireless platform.	135,000	5,000	5,000	0	0	145,000
2	<b>10 Year Vehicle Replacement Program</b> Ongoing program and includes telecoms portion of multi-departmental equipment replacement program - five of ten years.	56,300	50,000	0	0	0	106,300
3	<b>Tower AP Upgrades</b> Additional access points, antennas or upgrade access points to provide for faster service for half our towers.	80,000	0	0	5,000	0	85,000
4	<b>Wireless Installs/Maintenance</b> Equipment on customer premises.	15,000	15,000	15,000	15,000	15,000	75,000
5	<b>IT Budget</b> See IT capital budget for breakdown.	2,450	0	5,250	3,500	2,450	13,650
6	<b>Backhaul Upgrades</b> To maintain or upgrade the radios that feed the remote locations.	0	5,000	0	0	5,000	10,000
7	<b>Router/Switch Upgrades</b> Upgrade routing and switching infrastructure for the internet service.	0	5,000	0	5,000	0	10,000
Total		<u>288,750</u>	<u>80,000</u>	<u>25,250</u>	<u>28,500</u>	<u>22,450</u>	<u>444,950</u>

## Telecommunications Division

### Projected Cash Analysis

	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>
Total Cash & Investments - Beginning of Year Not Restricted by Ordinance/Regulation	1,238,463	1,349,020	1,422,729	1,713,372	2,088,997	2,476,217
Add:						
Projected Operating Income (A)	982,631	1,002,284	1,022,329	1,042,776	1,063,632	1,084,904
Interest	41,638	26,980	28,455	34,267	41,780	49,524
Depreciation & Amortization	38,765	39,541	40,332	41,138	41,961	42,800
Less:						
Projected Operational Expenses (B)	(692,496)	(706,346)	(720,473)	(717,306)	(731,652)	(746,285)
Interest on Lease	(112)	0	0	0	0	0
Repayment of Loan	0	0	0	0	0	0
Estimated Cash & Investments Before Capital Expenditures Not Restricted by Ordinance/Regulation	1,608,890	1,711,479	1,793,372	2,114,247	2,504,717	2,907,160
Less:						
Projected Capital Expenditures	(259,870)	(288,750)	(80,000)	(25,250)	(28,500)	(22,450)
Estimated Cash & Investments - End of Year Not Restricted by Ordinance/Regulation	1,349,020	1,422,729	1,713,372	2,088,997	2,476,217	2,884,710
Less: Two Months of Average Operation Expense	(115,416)	(117,724)	(120,079)	(119,551)	(121,942)	(124,381)
Available Cash & Investments - Beginning of Year Not Restricted by Ordinance/Regulation	<u>1,233,604</u>	<u>1,305,005</u>	<u>1,593,293</u>	<u>1,969,446</u>	<u>2,354,275</u>	<u>2,760,329</u>

(A) Prior year plus increase of 2% in 2025 - 2029.

(B) Prior year plus increase of 2% in 2025 - 2029 which will need to be monitored by staff.

# IT Capital Program

## 2024 Budget - Final

**IT  
2024 Budget - Final**

**Capital Additions**

Item	Class	Description	Code	Amount	Department
1	A	<b>Accounting Software</b> - Replace the Accounting/Finance Software.	2	96,000	IT
2	A	<b>Firewall Hardware</b> - The firewall hardware needs to be replaced or upgraded to strengthen network security measures.	2	15,000	IT
TOTAL				<u>111,000</u>	
Operational Cash Flow				-	
Other				<u>111,000</u>	
TOTAL				<u>111,000</u>	

**Class:**

- A Must Accomplish This Year
- B Accomplish for Improvement of System Integrity
- C Ongoing Program - Accomplish for Improvement of System Integrity
- D Ongoing Program - Long Term/Short Term & Vehicles/Equipment

**Code:**

- 1 Operational Cash Flow
- 2 Reserves
- 3 Bonding
- 4 Other

**Notes:**

- (a) Cost does not reflect money received from sale of old vehicle/equipment.
- (b) Included in 10 year replacement plan.
- (c) Cost estimates provided by consultant.
- (d) May include capitalized labor.

**IT  
2024 Budget - Final**

**Capital Projects - 5 Years Beyond Fiscal Year 2024**

Item	Description	Projected 2025	Projected 2026	Projected 2027	Projected 2028	Projected 2029	Total Amount
1	<b>Server Hardware</b> Replace server hardware.	0	0	75,000	0	0	75,000
2	<b>Switch Replacement</b> Replace switch.	35,000	0	0	0	35,000	70,000
3	<b>Firewall Hardware</b> Firewall will be close to EOL.	0	0	0	50,000	0	50,000
Total		<u>35,000</u>	<u>0</u>	<u>75,000</u>	<u>50,000</u>	<u>35,000</u>	<u>195,000</u>
Electric		10,850	0	23,250	15,500	10,850	60,450
Water		10,850	0	23,250	15,500	10,850	60,450
Sewer		10,850	0	23,250	15,500	10,850	60,450
Telecom		<u>2,450</u>	<u>0</u>	<u>5,250</u>	<u>3,500</u>	<u>2,450</u>	<u>13,650</u>
		<u>35,000</u>	<u>0</u>	<u>75,000</u>	<u>50,000</u>	<u>35,000</u>	<u>195,000</u>

# Vehicle Replacement Plan

## 2024 Budget - Final

**ALL UTILITIES  
2024 Budget - Final**

**Vehicles - 10 Year Replacement Plan**

Dept.	Year	No.	Description	Cycle Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033
<b>Electric:</b>														
<b>Electric Distribution</b>														
<b>I. Light Vehicles</b>														
	2018	91	Ford F150	10					30,000					
	2016	28	Ford Pick-Up	10			40,000							
	2016	81	Ford F-150 4X4	10			40,000							
	2023	31	Ford F250 4X4	10										80,000
	2013	88	Dodge Van	10	40,000									
<b>II. Bucket Trucks</b>														
	2018	17	Chevy Duramax C 7500	10					350,000					
	2016	3	GMC C 6500	10			350,000							
	2013	11	Line Bucket 45ft	10		340,000								
	2009	8	Ford 550 (Service Bucket)	10						250,000				
<b>III. Line Trucks</b>														
	2017	22	International 4300	10				320,000						
	2007	19	International 4300	10	320,000									
<b>IV. Misc. Trucks</b>														
	2008	7	1T Ford Dump Truck	10	80,000									
<b>V. Other Equipment</b>														
	2020		New Wire Trailer	None							30,000			
	2009		Cable Puller	None		30,000								
	2008		Forklift Clark	None				25,000						
	2003		Trencher Trailer	10										
	2002		Pole Trailer	None										
	2002		Case DBH4 Trencher	10										
	1997		1PL Wire Trailer	None										
	1985		2PL Wire Trailer	None										
	2022		Backyard Digger Derrick	None										
	New		Backyard Machine	None	250,000									
	2013		Hole Vac	None		200,000								
			<b>Subtotal Vehicles</b>		440,000	340,000	430,000	320,000	380,000	250,000	0	0	0	80,000
			<b>Subtotal Other Equipment</b>		250,000	230,000	0	25,000	0	0	30,000	0	0	0
			<b>Total</b>		<u>690,000</u>	<u>570,000</u>	<u>430,000</u>	<u>345,000</u>	<u>380,000</u>	<u>250,000</u>	<u>30,000</u>	<u>0</u>	<u>0</u>	<u>80,000</u>

**ALL UTILITIES  
2024 Budget - Final**

**Vehicles - 10 Year Replacement Plan**

Dept.	Year	No.	Description	Cycle Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033
<b>Water:</b>														
<b>Administration:</b>														
<b>I. Vehicles</b>														
	2021	95	Ford F250	10									25,000	
	2013	20	Ford Escape (1/2)	10	12,500									
<b>Water Plant:</b>														
<b>I. Vehicles</b>														
	2016	15	Dodge with Snow Plow	10					35,000					
	2015	34	Chevy Silverado	10		35,000								
	2004	92	GMC Canyon	10	40,000									
<b>II. Other Equipment</b>														
	2020		Toro ZTR	None										
	2005		John Deere Z930M	None					8,500					
	2003		John Deere Lawn Mower	None										
<b>Water Distribution:</b>														
<b>I. Vehicles</b>														
	2015	10	1T Service Truck	10				65,000						
	2015	6	Ford F 350 Service Truck	10				65,000						
<b>II. Dump Trucks</b>														
	2004	29	1 1/2T Ford F450	15		60,000								
	2002	18	GMC 2T Dump Truck	10	70,000									
<b>III. Other Equipment</b>														
	2023		Vacuum Excavator on Trailer	None										
	2021		Case Backhoe	None										
	2004		Vemeer - Pull behind Vac	None										
	2003		Sullair - Air Compressor	None			10,000							
	1997		Trailer	None	4,000									
	1977		Bame Backhoe Trailer	None	7,000									
			<b>Subtotal Vehicles</b>		122,500	95,000	0	130,000	35,000	0	0	25,000	0	0
			<b>Subtotal Other Equipment</b>		11,000	0	10,000	0	8,500	0	0	0	0	0
			<b>Total</b>		<u>133,500</u>	<u>95,000</u>	<u>10,000</u>	<u>130,000</u>	<u>43,500</u>	<u>0</u>	<u>0</u>	<u>25,000</u>	<u>0</u>	<u>0</u>

**ALL UTILITIES  
2024 Budget - Final**

**Vehicles - 10 Year Replacement Plan**

Dept.	Year	No.	Description	Cycle Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033
<b>Wastewater:</b>														
<b>Administration:</b>														
<b>I. Vehicles</b>														
	2021	95	Ford F250	10								25,000		
	2013	20	Ford Escape (1/2)	10	12,500									
<b>Wastewater Treatment Plant:</b>														
<b>I. Vehicles</b>														
	2022	12	Dodge Ram with Snow Plow	10										
	2020	35	Operations Vehicle	10							50,000			
	2007	37	GMC Sierra	10	35,000									
<b>II. Other Equipment</b>														
	2024		Skid Steer	10	150,000									
	2022		Kubota Mower Z78li	None										
	2022		Kubota MX5400	None										
	2020		Front Deck Mower - Kubota F3990	None							17,000			
	2015	E49	Com PRO Trailer	None					5,000					
	2011	E46	Toro Z Master	10			15,000							
	2008	E48	Kubota Mower ZG327	None			8,500							
	2008	E47	Kubota RTV900	None		15,000								
<b>Sewer Maintenance:</b>														
<b>I. Vehicles</b>														
	2022	26	Ford F 350 Super Duty	10										
	2016	2	Ford	10			60,000							
	2015	27	Ford	10		120,000								
	2014	24	Ford Escape	10	35,000									
	2003	23	3/4T Camera Van	10	250,000									
<b>II. Dump Trucks</b>														
	2009	25	Ford F 450 Dump	10		60,000								
	2002	13	Ford F 650 2T Dump	10		70,000								
<b>III. Other Equipment</b>														
	2009		Case Backhoe 580 Super	10	150,000									
	2002		Air Compressor	None			10,000							
	2002		Liftstation Generator	None			12,000							
	2002		Case 85 XT Skid Steer	None		65,000								
	2002		Skid Steer Trailer	None		7,000								
	2000	36	Vactor	10										
			<b>Subtotal Vehicles</b>		<u>332,500</u>	<u>250,000</u>	<u>60,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>50,000</u>	<u>25,000</u>	<u>0</u>	<u>0</u>
			<b>Subtotal Other Equipment</b>		<u>300,000</u>	<u>87,000</u>	<u>45,500</u>	<u>0</u>	<u>5,000</u>	<u>0</u>	<u>17,000</u>	<u>0</u>	<u>0</u>	<u>0</u>
			<b>Total</b>		<u><u>632,500</u></u>	<u><u>337,000</u></u>	<u><u>105,500</u></u>	<u><u>0</u></u>	<u><u>5,000</u></u>	<u><u>0</u></u>	<u><u>67,000</u></u>	<u><u>25,000</u></u>	<u><u>0</u></u>	<u><u>0</u></u>

**ALL UTILITIES  
2024 Budget - Final**

**Vehicles - 10 Year Replacement Plan**

<u>Dept.</u>	<u>Year</u>	<u>No.</u>	<u>Description</u>	<u>Cycle Years</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>	<u>FY 2030</u>	<u>FY 2031</u>	<u>FY 2032</u>	<u>FY 2033</u>
<b>Telecommunications</b>														
<b>I. Vehicles</b>														
	2014	52	Ford E Series E150	8		50,000								
	2014	85	Ford E Series E150	8			50,000							
			<b>Total</b>		<u>0</u>	<u>50,000</u>	<u>50,000</u>	<u>0</u>						

**ALL UTILITIES  
2024 Budget - Final**

**Vehicles - 10 Year Replacement Plan**

Dept.	Year	No.	Description	Dept.	Cycle Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033
<b>Miscellaneous:</b>															
<b>Meter Technicians:</b>															
<b>I. Vehicles</b>															
	2017	16	Ford F150	Metering	10					30,000					
	2017	80	Ford F150	Metering	10					30,000					
	2018	21	Ford F150	Metering	10						30,000				
<b>II. Locator Vehicles</b>															
	2020	33	Ford Ranger		10							30,000			
<b>Administration:</b>															
<b>I. Vehicles</b>															
	2010	90	GMC Pick-Up	Facility	10		45,000								
	2006	14	Ford Escape	Security	10	30,000									
	2014	1	Jeep Cherokee	Office	10		45,000								
<b>Total</b>						<u>30,000</u>	<u>90,000</u>	<u>0</u>	<u>0</u>	<u>60,000</u>	<u>30,000</u>	<u>30,000</u>	<u>0</u>	<u>0</u>	<u>0</u>
				E		9,300	27,900	0	0	20,000	10,000	10,000	0	0	0
				W		9,300	27,900	0	0	20,000	10,000	10,000	0	0	0
				WW		9,300	27,900	0	0	20,000	10,000	10,000	0	0	0
				T		2,100	6,300	0	0	0	0	0	0	0	0
						<u>30,000</u>	<u>90,000</u>	<u>0</u>	<u>0</u>	<u>60,000</u>	<u>30,000</u>	<u>30,000</u>	<u>0</u>	<u>0</u>	<u>0</u>