

**LEBANON UTILITIES
2022 BUDGET - FINAL**

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Lebanon Electric Utility

2022 Budget - Final

ELECTRIC UTILITY 2022 Budget - Final

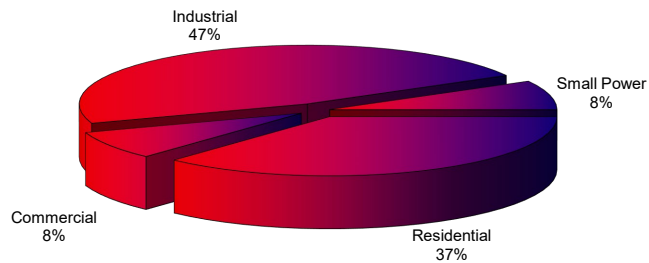
Revenues

	Actual 2020	Budget 2021	9 Months 2021	Rolling 12 Months	Proposed 2022
Operating Revenue					
Residential	8,226,765	8,951,615	6,729,675	8,515,600	9,268,765
Commercial	1,704,655	1,840,339	1,412,545	1,806,792	1,955,769
Industrial	10,196,124	10,975,676	8,673,875	11,045,186	11,883,306
Small Power	1,791,940	1,929,704	1,452,361	1,878,202	2,021,752
Street & Highway Lighting	111,035	117,084	84,313	112,351	119,125
Security Lights	52,323	57,258	35,588	47,449	50,296
Interdepartmental	112,521	124,005	91,811	114,636	125,635
Late Penalties	69,431	48,413	84,135	121,056	123,613
Total Revenue from Sales	22,264,794	24,044,094	18,564,303	23,641,272	25,548,261
Other Revenue					
Interest	16,389	16,099	18,783	23,490	24,267
Other	135,806	139,761	269,446	297,512	334,954
Total Other Revenues	152,195	155,860	288,229	321,002	359,221
Total Revenue	22,416,989	24,199,954	18,852,532	23,962,274	25,907,483

Note: A growth factor of 2% and an estimated increase of 3.92% in purchased power was used in determining the proposed 2022 revenues.
The 3.92% will be passed on to the customers via the ECA.

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

Projected Operating Revenue by Rate Class



Rate Class	Number of Active Customers
Residential	7,677
Commercial	769
Commercial - Sm Pwr	220
Industrial - Lg Pwr	113
Municipal	58
Total	8,837
	(As of 09-21)

ELECTRIC UTILITY

2022 Budget - Final

Revenues/Expenses

	Actual 2020	Budget 2021	9 Months 2021	Rolling 12 Months	Proposed 2022	
Operating Revenues						
Residential	8,226,765	8,951,615	6,729,675	8,515,600	9,268,765	(1),(2)
Commercial	1,704,655	1,840,339	1,412,545	1,806,792	1,955,769	(1),(2)
Industrial	10,196,124	10,975,676	8,673,875	11,045,186	11,883,306	(1),(2)
Small Power	1,791,940	1,929,704	1,452,361	1,878,202	2,021,752	(1),(2)
Street & Highway Lighting	111,035	117,084	84,313	112,351	119,125	(1),(2)
Security Lights	52,323	57,258	35,588	47,449	50,296	(1),(2)
Interdepartmental	112,521	124,005	91,811	114,636	125,635	(1),(2)
Late Penalties	69,431	48,413	84,135	121,056	123,613	(1),(2)
Total Operating Revenue	22,264,794	24,044,094	18,564,303	23,641,272	25,548,261	
Other Revenue						
Other	135,806	139,761	269,446	297,512	334,954	(3)
Total Other Revenue	135,806	139,761	269,446	297,512	334,954	
Total Revenue (less Interest)	22,400,600	24,183,855	18,833,749	23,938,784	25,883,216	
Purchased Services						
Purchased Power	16,689,781	18,247,388	14,096,453	17,770,903	19,379,780	(4)
Telephone	14,320	14,072	10,187	14,013	14,626	
Contractual Services - Testing	42,676	140,000	5,680	45,222	140,000	(5)
Contractual Services - IT	98,972	103,921	65,863	98,853	101,586	(6)
Contractual Services - Other	355,652	323,549	217,083	320,618	321,898	(7)
Accounting Fees	0	27,000	10,139	10,139	27,000	(8)
Engineering Fees	52,021	100,000	20,878	34,939	80,000	(9)
Legal Fees	78,784	93,432	35,657	65,184	69,745	(10)
Utilities	42,392	43,053	29,267	41,711	44,466	(11)
Total Purchased Services	17,374,598	19,092,415	14,491,207	18,401,582	20,179,101	
Wages & Benefits						
Operation Supervision	88,228	86,538	59,756	86,171	85,252	(12)
Engineering	30,058	52,226	28,002	38,613	39,950	(12)
Line Work	617,549	615,504	481,448	666,494	686,866	(12)
Line Locating	18,713	19,737	13,617	18,232	19,427	(12)
Mapping	2,546	3,471	1,120	1,187	1,598	(12)
Meter Reading	49,669	61,657	43,106	58,020	61,498	(12)
Billing	36,680	39,376	21,059	29,613	30,044	(12)
Administrative	125,145	131,679	91,777	126,437	130,935	(12)
COVID-19	66,459	0	0	8,355	0	
Office Personnel	118,568	113,686	87,634	124,998	125,025	(12)
Sick/Vacation Pay	164,420	158,041	112,164	185,126	160,021	(12)
FICA Taxes	95,427	94,298	68,765	97,806	98,105	(12)
Group Insurance	332,174	377,638	269,418	335,661	381,496	(13)
Pension	120,296	248,101	138,015	123,953	196,901	(14)
Miscellaneous Payroll	9,081	18,794	4,905	5,562	6,998	(12)
Total Wages & Benefits	1,875,013	2,020,746	1,420,786	1,906,228	2,024,114	

**ELECTRIC UTILITY
2022 Budget - Final**

Revenues/Expenses (Cont.)

	Actual 2020	Budget 2021	9 Months 2021	Rolling 12 Months	Proposed 2022
Operating Supplies & Expense					
Station Expenses	4,258	5,067	0	0	3,500
Street Lights and Signals	4,723	3,188	1,496	4,124	3,243
Security Lights	1,191	1,398	826	1,069	1,150
Meter Expense	10,732	11,633	6,067	7,909	8,479 (15)
Meter Repair & Maintenance	0	1,500	0	0	1,500
Tools & Equipment	11,611	20,000	8,264	10,334	22,000
Safety Equipment	9,420	12,211	5,691	6,286	14,000
Rents	3,885	4,623	3,885	3,885	3,885
Maintenance of Lines	166,198	135,196	98,278	165,962	157,410
Maintenance of Station Equipment	1,465	2,216	475	475	1,387
General Maintenance	14,770	15,411	12,703	15,416	17,147 (16)
Office Supplies	8,051	7,901	8,615	11,063	11,951
Janitorial Services	18,870	18,881	14,163	18,884	18,900
Interior Landscaping	0	177	0	(1,500)	0
Exterior Landscaping	8,699	11,509	7,269	10,295	10,593
Computer Equipment	11,761	11,355	1,309	1,439	7,321
Software Expense	8,209	11,965	9,859	7,270	11,691
Maintenance Agreements	61,359	96,340	52,603	55,165	89,057 (17)
Dues & Subscriptions	16,965	16,908	17,801	21,617	17,309
Postage	995	1,111	602	816	858
Insurance	63,418	65,064	54,065	54,314	67,309
Conference & Training	76,095	50,480	26,105	35,362	52,229
Promotion	382	3,180	0	382	3,180
Employee Recognition	601	930	141	575	930
Transportation	41,103	37,335	23,539	38,231	45,723
Uniforms	17,192	18,643	13,524	16,404	18,251
SCADA Expense	0	700	0	0	0
Payment in Lieu of Taxes	188,995	196,630	140,344	187,593	194,685
Depreciation Expense	930,305	938,937	769,657	1,009,567	1,046,734
Amortization of Deferred Costs	(12,484)	(12,480)	(9,363)	(12,484)	(12,484)
Gross Income Tax	313,000	340,206	270,000	350,000	346,579 (18)
Bad Debt Expense	57,875	60,110	60,110	60,110	148,871 (19)
Lease Rental Payments - Principal	74,214	75,981	75,981	75,981	78,632 (20)
Lease - Copiers/Printers	2,585	5,580	1,727	2,309	2,444
Bank Fees - Credit Card	43,014	48,144	20,038	27,693	28,837
Miscellaneous	58,966	51,505	21,657	37,265	35,055
Total Operating Supplies & Expense	2,218,423	2,269,535	1,717,431	2,223,811	2,458,356
Total Expenses	21,468,034	23,382,696	17,629,424	22,531,621	24,661,571
Operating Income	932,566	801,159	1,204,325	1,407,163	1,221,644
Interest					
Interest Revenue	16,389	16,099	18,783	23,490	24,267
Interest Expense	(301,496)	(282,642)	(214,631)	(286,931)	(263,369) (21)
Total Interest Revenue (Expense)	(285,107)	(266,543)	(195,848)	(263,441)	(239,102)
Extraordinary Items					
Gain on Sale of Assets	0	0	0	0	0
Loss on Sale of Assets	(8,002)	(7,830)	(33,993)	(38,371)	(42,684)
Total Extraordinary Items	(8,002)	(7,830)	(33,993)	(38,371)	(42,684)
Net Margin	639,457	526,786	974,484	1,105,351	939,858

ELECTRIC UTILITY 2022 Budget - Final

Notes to Proposed Revenue and Expenses

Note	Description
(1)	A growth factor of 2% was used in determining the proposed 2022 revenues.
(2)	An estimated average increase in purchased power costs of 3.92%. This will be passed on to customers via the tracker adjustment.
(3)	This amount includes miscellaneous revenue such as pole attachments and the sale of scrap metal.
(4)	A 3.92% increase in purchased power costs has been estimated using estimates by IMPA. Again, this will be passed to customers via the tracker adjustment factor.
(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 \$220,000 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 7% increase in wages with inflationary adjustment along with employees moving through the advancement program.
(13)	We received a 6.2% increase for 2022 for all combined insurance along with the City Subsidy.
(14)	Funding of the Defined Benefit Plan and the Defined Contribution Plan. No increase budgeted other than increase in salaries.
(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, SCATA, NISC, Microsoft, and other misc. systems.

**ELECTRIC UTILITY
2022 Budget - Final**

Notes to Proposed Revenue and Expenses (Cont.)

Note	Description
(18)	Utility receipts tax is equal to 1.2% of total revenues.
(19)	A bad debt allowance has been set at .25%. In addition allowed \$85,000 for COVID moritorium/ broken extended pay agreements.
(20)	Lease rental principal on municipal building.
(21)	Lease rental interest on municipal building plus interest on 2013 Revenue Bonds.

ELECTRIC UTILITY
2022 Budget - Final
Capital Additions

Item	Class	Description	Code	Amount	Notes
1	A	Annexation Loop Feed - 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.	1	400,000	
2	C	Service to New Facilities - Ongoing service extensions for new customers. Lebanon has a projection of 400 additional customers in 2021. Sunbrook Phase 3, Waterford & Grant Street Addition.	1	300,000	
3	C	New and Replacement Transformers - Ongoing transformer purchase allotment for new units (customer driven).	2	300,000	
4	C	System Upgrades and Improvements - Includes but is not limited to reclosures for the annexation, wire, poles and equipment. Also includes moving a 3 phase line and relocating a transformer.	2	280,000	
5	D	Backyard Digger Derrick - 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.	1	230,000	(a),(b)
6	C	AMI - Ongoing program for replacement of meter infrastructure. Lebanon has a projection of 400 additional customers in 2021. Sunbrook Phase 2, Auburn Meadows Phase 3, Waterford & Grant Street Addition.	2	120,000	
7	C	Electric's Portion of the IT Budget - The estimated cost to the Electric Utility for IT Functions.	2	40,585	
8	D	Replacement of Vehicle #31 - Vehicle #31 is no longer useable. Will be replaced with pick-up or other vehicle.	2	35,000	(a),(b)
9	B	Meter Tester - Equipment that will allow us to test all single-phase and three-phase AMI meters.	1	25,000	
10	A	Underground Locator - Equipment that will allow us to locate underground wires.	2	7,000	
11	D	Electric's Portion of Administration Vehicles - Electric's portion of administrative vehicle replacements in agreement with our vehicle replacement program.	2	-	(a),(b)
TOTAL				1,737,585	
Operational Cash Flow				955,000	
Reserves				782,585	
Bond				-	
Outside Funding				-	
TOTAL				1,737,585	

Code:	Class:	
1	Operational Cash Flow	A
2	Reserves	B
3	Bonding	C
4	Outside Funding	D

Must Accomplish This Year
Accomplish for Improvement of System Integrity
Ongoing Program - Accomplish for Improvement of System Integrity
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
2022 Budget - Final**

Capital Projects - 5 Years Beyond Fiscal Year 2022

Item	Description	Projected 2023	Projected 2024	Projected 2025	Projected 2026	Projected 2027	Total Amount
1	Substation Install a substation in the Waterford area.	0	3,000,000	0	0	0	3,000,000
2	Service to New Facilities Install electric utility service facilities for residential, commercial and industrial customers.	300,000	200,000	200,000	120,000	120,000	940,000
3	New and Replacement Transformers Both O.H. and pad mounted types.	250,000	200,000	150,000	150,000	150,000	900,000
4	System Upgrades and Improvements On-going system improvements to provide operational flexibility. Includes capacitors, capacitor controls, reclosures, wire, poles, etc.	200,000	200,000	150,000	150,000	150,000	850,000
5	10 Year Vehicle Replacement Program Ongoing program and includes electric's portion of multi-departmental vehicle/equipment replacement program- five of ten years.	374,800	237,250	10,000	80,000	10,000	712,050
6	AMI Replacement Program On-going program to replace old AMR Meters and upgrade to AMI and for new business.	120,000	120,000	100,000	100,000	100,000	540,000
7	IT Budget On-going program. See IT 5-year capital budget for breakdown.	23,250	13,950	13,950	13,950	13,950	79,050
Totals		<u>1,268,050</u>	<u>3,971,200</u>	<u>623,950</u>	<u>613,950</u>	<u>543,950</u>	<u>7,021,100</u>
Funded by LU		1,268,050	3,971,200	623,950	613,950	543,950	7,021,100
Outside Funding		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total		<u>1,268,050</u>	<u>3,971,200</u>	<u>623,950</u>	<u>613,950</u>	<u>543,950</u>	<u>7,021,100</u>

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

Electric Utility
Projected Cash Analysis

	2022	2023	2024	2025	2026	2027
Total Cash & Investments - Beginning of Year Not Restricted by Ordinance/Regulation	7,181,420	6,883,111	7,221,314	5,016,744	6,390,760	7,954,720
Add:						
Projected Operating Income (A)	25,883,216	26,595,004	27,326,367	28,077,842	28,849,982	29,643,357
Interest	24,267	34,416	36,107	25,084	31,954	39,774
Depreciation	1,046,734	1,071,541	1,096,937	1,122,934	1,149,548	1,176,792
Less:						
Projected Operational Expenses (B)	(24,661,571)	(25,246,050)	(25,844,382)	(26,378,894)	(27,004,073)	(27,644,070)
Bond Principal and Interest	(848,975)	(846,200)	(847,900)	(849,000)	(849,500)	(849,400)
Lease Interest Expense	(4,394)	(2,457)	(498)	0	0	0
Estimated Cash & Investments Before Capital Expenditures Not Restricted by Ordinance/Regulation	8,620,696	8,489,364	8,987,944	7,014,710	8,568,670	10,321,173
Less:						
Projected Capital Expenditures	(1,737,585)	(1,268,050)	(3,971,200)	(623,950)	(613,950)	(543,950)
Estimated Cash & Investments - End of Year Not Restricted by Ordinance/Regulation	6,883,111	7,221,314	5,016,744	6,390,760	7,954,720	9,777,223
Less: Two Months of Average Operating Income	(4,110,262)	(4,207,675)	(4,307,397)	(4,396,482)	(4,500,679)	(4,607,345)
Available Cash & Investments - End of Year Not Restricted by Ordinance/Regulation	<u>2,772,849</u>	<u>3,013,639</u>	<u>709,347</u>	<u>1,994,278</u>	<u>3,454,041</u>	<u>5,169,878</u>

(A) Prior year plus increase of 2.75% 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 2.37% which is the average change in the last 10 years. Takes into account 2 highest years/2 lowest years/rate adjustments.

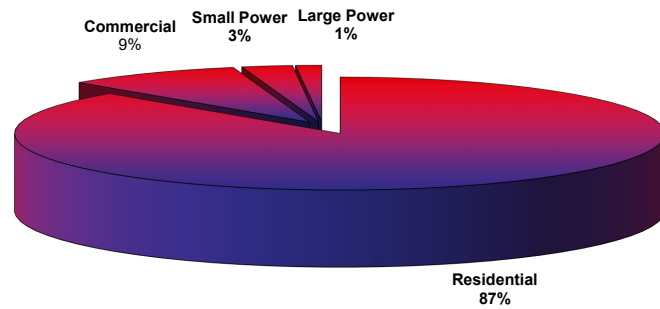
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Statistics

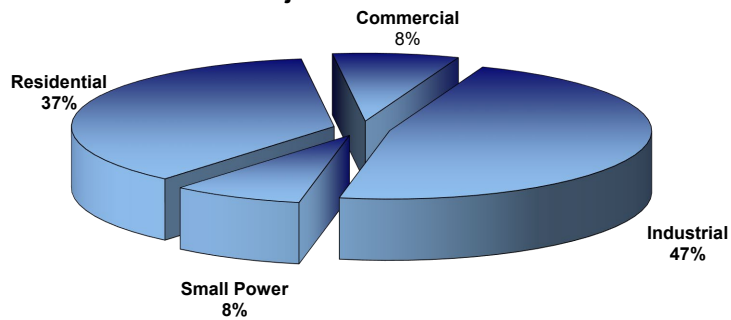
Number of Customers

Residential	7,677
Commercial	769
Small Power	220
Lg Power	113
Municipal	58

Customers



Projected 2022 Revenue



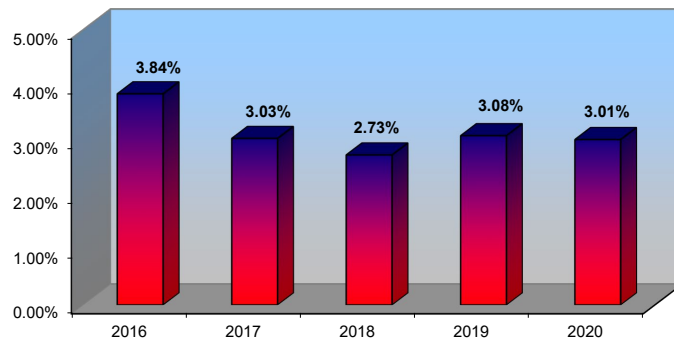
Projected 2022 Revenue

Residential	9,268,765
Commercial	1,955,769
Industrial	11,883,306
Small Power	2,021,752

Line Loss Factor

2016	3.84%
2017	3.03%
2018	2.73%
2019	3.08%
2020	3.01%

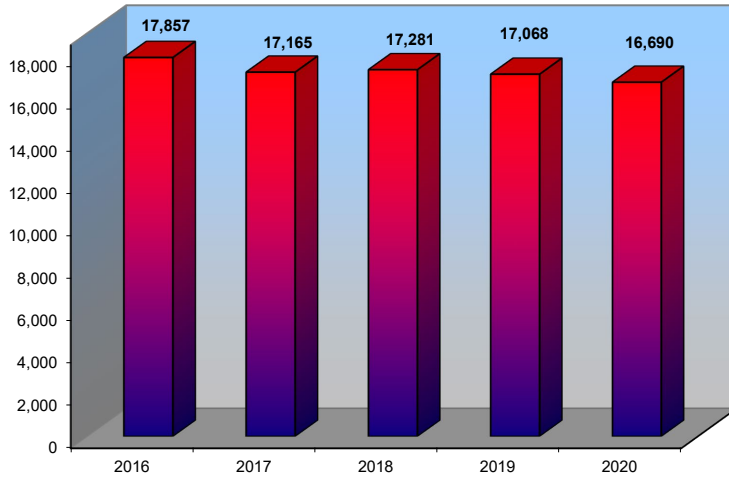
Energy Loss



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Statistics

IMPA Purchased Power (Thousands)



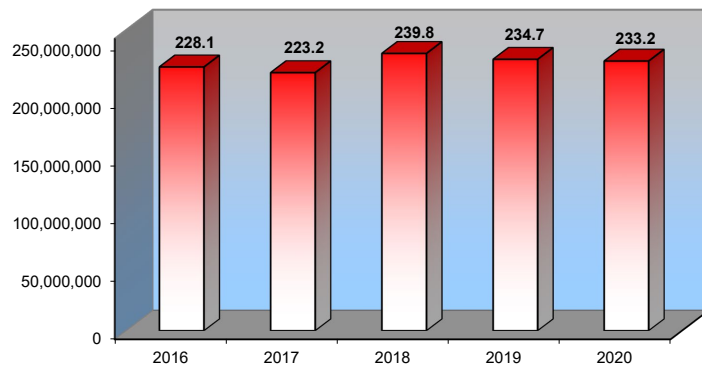
IMPA Power Bill

2016	17,857,037
2017	17,164,728
2018	17,281,403
2019	17,068,363
2020	16,689,781
**2021 Year to Date Thru Sept.	14,096,453

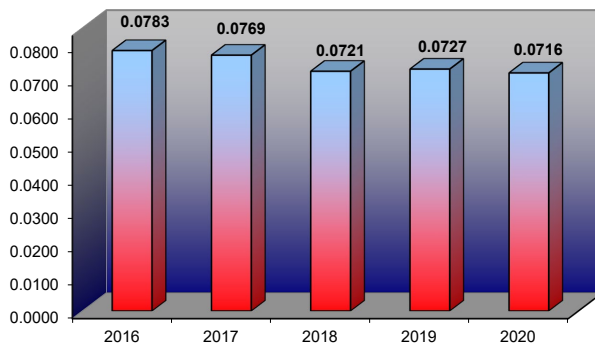
kWh Purchased

2016	228,093,436
2017	223,195,288
2018	239,805,880
2019	234,712,464
2020	233,207,942
**2021 Year to Date Thru Sept.	187,401,362

kWh Purchased (Millions)



Average Cost per kWh Purchased



Average Cost per kWh Purchased

2016	0.0783
2017	0.0769
2018	0.0721
2019	0.0727
2020	0.0716
**2021 Year to Date Thru Sept.	0.0752

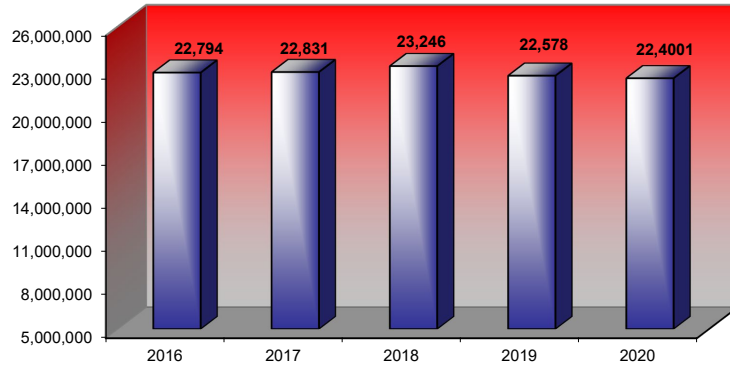
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Statistics

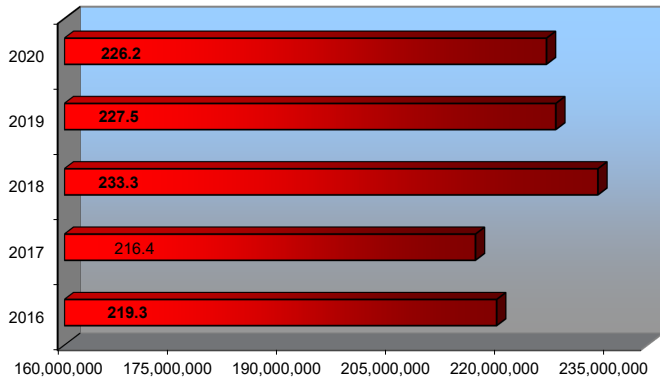
Revenue From Sales

2016	22,793,746
2017	22,831,041
2018	23,245,779
2019	22,578,279
2020	22,400,600
**2021 Year to Date Thru Sept.	18,833,749

Revenue From Sales (Thousands)



kWh Sold (Millions)



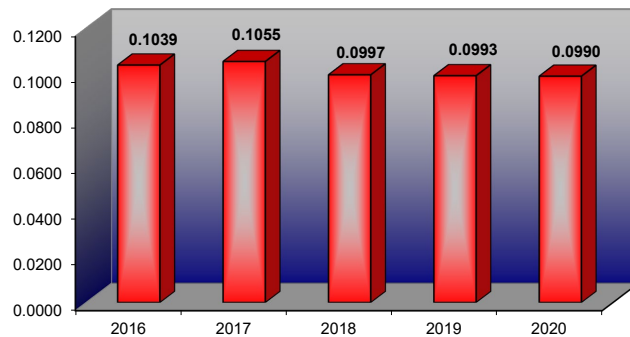
Kilowatt Hours Sold

2016	219,345,820
2017	216,431,029
2018	233,260,835
2019	227,476,176
2020	226,195,125
**2021 Year to Date Thru Sept.	185,448,655

Average Revenue per kWh Sold

2016	0.1039
2017	0.1055
2018	0.0997
2019	0.0993
2020	0.0990
**2021 Year to Date Thru Sept.	0.1016

Average Revenue Per kWh Sold



Lebanon Water Utility

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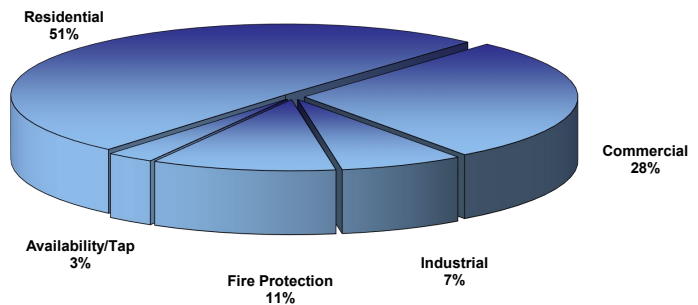
WATER UTILITY 2022 Budget - Final

Revenues

	Actual 2020	Budget 2021	9 Months 2021	Rolling 12 Months	Proposed 2022
Operating Revenue					
Residential	2,296,221	2,495,298	1,877,043	2,441,842	2,744,234
Commercial	1,252,706	1,401,437	1,065,014	1,363,289	1,544,736
Industrial	298,562	302,611	269,357	358,978	398,557
Fire Protection	486,022	533,713	404,416	525,813	591,094
Availability Fees	138,510	153,000	531,000	553,000	153,000
Rent	11,746	11,339	7,870	11,741	11,340
Late Penalties	14,678	12,495	18,441	25,209	27,637
Total Revenue from Sales	4,498,445	4,909,893	4,173,141	5,279,872	5,470,598
Other Revenue					
Interest	16,416	16,071	16,962	21,779	22,641
Other	51,544	60,102	67,883	74,254	84,030
Total Other Revenues	67,960	76,173	84,845	96,033	106,671
Total Revenue	4,566,405	4,986,066	4,257,986	5,375,905	5,577,269

Note: A growth factor of 2% for residential, commercial and industrial was used in determining the proposed 2022 revenues.
A rate increase of approx. 9% was also used.

Projected Operating Revenue by Rate Class



Rate Class	Number of Customers
Residential	5,823
Commercial	715
Industrial	61
Municipal	6
Total	6,605
	(As of 09/21)

WATER UTILITY 2022 Budget - Final

Revenues/Expenses

	Actual 2020	Budget 2021	9 Months 2021	Rolling 12 Months	Proposed 2022
Operating Revenues					
Residential	2,296,221	2,495,298	1,877,043	2,441,842	2,744,234 (1)
Commercial	1,252,706	1,401,437	1,065,014	1,363,289	1,544,736 (1)
Industrial	298,562	302,611	269,357	358,978	398,557 (1)
Fire Protection	486,022	533,713	404,416	525,813	591,094 (1)
Availability Fees	138,510	153,000	531,000	553,000	153,000 (1)
Rent	11,746	11,339	7,870	11,741	11,340 (1)
Late Penalties	14,678	12,495	18,441	25,209	27,637 (1)
Total Operating Revenue	4,498,445	4,909,893	4,173,141	5,279,872	5,470,598
Other Revenue					
Other	51,544	60,102	67,883	74,254	84,030
Total Other Revenue	51,544	60,102	67,883	74,254	84,030
Total Revenue (less Interest)	4,549,989	4,969,995	4,241,024	5,354,126	5,554,628
Purchased Services					
Engineering Fees	61,814	48,800	26,088	160,356	75,000 (2)
Accounting Fees	0	24,750	4,902	4,902	24,750 (3)
Legal Fees	38,893	35,419	19,496	36,595	53,173 (4)
Contractual Services - Testing	30,026	12,742	11,051	31,231	15,000
Contractual Services - IT	95,973	100,772	63,867	95,858	101,586 (5)
Contractual Services - Other	112,196	238,549	75,658	98,979	195,398 (6)
Telephone Expense	14,850	14,541	11,800	15,958	16,677
Utilities	156,369	163,362	116,796	157,970	166,257
Total Purchased Services	510,121	638,935	329,658	601,849	647,841
Wages & Benefits					
Salaries WT	174,767	174,242	123,120	185,548	175,651 (7)
Salaries WD	209,826	208,184	161,572	234,126	230,509 (7)
Meter Reading	45,924	55,630	43,018	58,242	61,372 (7)
Billing Salaries	35,539	38,140	20,422	29,466	29,135 (7)
Administrative Salaries	166,963	174,936	124,962	173,052	178,279 (7)
Office Salaries	135,667	127,548	105,796	152,367	150,936 (7)
COVID-19 Salaries	29,063	0	0	1,894	0
Line Locating	19,843	21,781	13,377	17,918	19,085 (7)
Sick/Vacation Leave	130,286	125,557	79,520	143,857	113,449 (7)
FICA Taxes	67,480	66,219	48,690	69,841	69,464 (7)
Pension	52,641	269,531	115,121	60,954	164,239 (8)
Group Insurance	254,897	293,921	211,542	263,108	299,543 (9)
Total Wages & Benefits	1,322,896	1,555,689	1,047,140	1,390,373	1,491,663

WATER UTILITY 2022 Budget - Final

Revenues/Expenses (Cont.)

	Actual 2020	Budget 2021	9 Months 2021	Rolling 12 Months	Proposed 2022
Operating Supplies & Expense					
Chemicals	45,911	55,141	36,581	50,682	62,712
Materials & Supplies	20,008	21,570	24,998	30,049	33,591
Meter Expense	9,920	12,136	6,929	7,245	8,736
Meter Repair & Maintenance	0	1,500	0	0	1,500
Office Supplies	7,891	10,867	8,806	11,192	14,155
Janitorial Services	5,870	5,881	4,413	5,634	5,881
Interior Landscaping	0	177	0	0	177
Exterior Landscaping	1,779	2,509	1,239	1,540	2,509
Sand / Gravel / Pavement	8,747	7,057	5,040	7,164	8,359
SCADA Expense	0	0	16,861	0	11,915
Safety Equipment	1,894	303	3,320	5,115	5,057
Miscellaneous Equipment	5,493	6,594	1,210	1,541	2,123
Tools	5,076	5,105	845	2,017	1,666
Transportation	26,027	23,633	21,347	32,978	40,398
Insurance	65,620	66,678	74,455	74,704	79,186
Regulatory Expense	4,440	5,284	4,440	4,440	5,491
Well Expense	1,375	2,350	991	991	1,226
Dues & Subscriptions	9,833	14,908	10,467	13,841	11,408
Promotional Expense	382	4,180	0	382	4,180
Employee Recognition	626	930	191	625	930
Bad Debt Expense	10,921	12,275	12,275	12,275	29,676 (10)
Postage	1,881	2,041	773	1,112	1,136
Conferences & Training	12,803	26,080	11,702	12,698	25,829
Uniforms - Cleaning	15,234	14,904	9,075	13,846	13,751
General Maintenance	24,691	45,245	30,710	27,494	36,274
Computer Equipment	9,236	11,355	100	118	7,321
Software Expense	7,274	10,213	9,263	6,377	9,926
Maintenance Agreements	39,897	71,026	38,682	41,209	49,176 (11)
Payment in Lieu of Taxes	186,673	186,884	141,436	188,104	199,643
Depreciation	473,536	473,375	430,822	556,317	585,918
Gross Income Tax	56,000	59,640	51,500	67,500	66,656
Lease Rental Payments - Principal	74,214	75,981	75,981	75,981	78,632 (12)
Lease - Copiers/Printers	2,585	5,580	1,727	2,309	2,444
Bank Fees - Credit Card	41,715	46,684	19,449	26,877	27,989
Miscellaneous	28,776	23,799	13,161	23,853	21,943
Total Operating Supplies & Expense	1,206,328	1,311,885	1,068,789	1,306,210	1,457,512
Total Expenses	3,039,345	3,506,509	2,445,587	3,298,432	3,597,017
Operating Income	1,510,644	1,463,486	1,795,437	2,055,694	1,957,611
Interest					
Interest Revenue	16,416	16,071	16,962	21,779	22,641
Interest Expense	(73,556)	(201,527)	(54,248)	(69,653)	(219,451) (13)
Total Interest Revenue (Expense)	(57,140)	(185,456)	(37,286)	(47,874)	(196,810)
Extraordinary Items					
Gain on Sale of Assets	0	0	0	0	0
Loss on Sale of Assets	0	(108,000)	(482)	(482)	(111,600) (14)
Total Extraordinary Items	0	(108,000)	(482)	(482)	(111,600)
Net Margin	1,453,504	1,170,030	1,757,669	2,007,338	1,649,202

WATER UTILITY 2022 Budget - Final

Notes to Proposed Revenue and Expenses

Note	Description
(1)	An overall growth factor of 2% was used in determining the proposed 2022 revenues. Also, a rate adjustment of approx. 9% will go into affect January 1, 2022.
(2)	Includes \$30,000 for TAC Meetings, \$30,000 for on-call services and \$15,000 for CIP update.
(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 7% 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. No increase budgeted other than increase in salaries.
(9)	We received a 6.2% increase for 2022 for all combined insurance along with the City Subsidy.
(10)	A bad debt allowance has been set at .25%. In addition allowed \$16,000 for COVID moritorium/ broken extended pay agreements.
(11)	General maintenance agreements on items such as NISC, Microsoft and other misc. systems.
(12)	Lease rental principal on municipal building.
(13)	Lease rental interest on municipal building and loan interest on the 2019 and 2021 SRF loan.
(14)	Replacing 20% of the water meters. Estimate of book value.

WATER UTILITY 2022 Budget - Final

Capital Additions

Item	Class	Description	Code	Amount	Notes
1	A	Abner Longley Water Storage Facility - Construction of a 2 MG storage tank, booster station and water main.	3	6,721,150	
2	A	Offsite Water Extension - Extension of a 16" water main through the Waterford development.	4	5,500,000	
3	A	Water Main Extension for South SR 39 Development - Construction of water main for the Card development.	4	1,000,000	
4	C	Automated Meter Infrastructure - Annual amount for meter replacements as needed. This is year 2 of a 5 year program.	2	218,032	
5	C	Facility Rehab & Improvements - Miscellaneous facility improvements as deemed necessary.	2	150,000	
6	A	Water Tower Asset Management Program - Asset management program to maintain OSHA and AWWA compliance.	2	145,000	
7	A	Ulen/Elmwood Bridge Water Main Reroute - Relocation of 6" water main as part of the bridge replacement project. (380' of 6" main).	2	120,000	
8	A	Grant Street Water Main Improvements Phase 1 - Upsize water main along Grant St. from 6" to 8".	2	110,000	
9	C	Air Release Valve Replacement Program on 24-inch Water Main - Program to replace leaking air release valves.	2	100,000	
10	A	Chicago Street Backwash Tank Rehab - Rehab work on the Chicago St. backwash holding tank.	2	100,000	
11	C	Well Improvement, Rehab and Upgrades - Program to upgrade, maintain and clean wells.	1	80,000	
12	C	Unforeseen Equipment Repair & Replacement - Allows for misc. equipment repair or replacement.	1	75,000	
13	C	Water's Portion of the IT Budget - The estimated cost to the Water Utility for IT Functions.	2	40,585	
14	D	Water's Portion of Administration Vehicles - Water's portion of administrative vehicle replacements in agreement with our vehicle replacement program.	2	-	(a),(b)

TOTAL 14,359,767

Operational Cash Flow 155,000

Reserves 983,617

Bond 6,721,150

Outside Funding 6,500,000

TOTAL 14,359,767

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	Outside Funding	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
2022 Budget - Final**

Capital Projects - 5 Years Beyond Fiscal Year 2022

Item	Description	2023	2024	2025	2026	2027	Total Amount
1	Additional Water Source Connection to or creation of an additional water source to meet demands.	0	0	0	0	30,500,000	30,500,000
2	Indianapolis Avenue - Phase III 16" waterline from Spencer Ave. to Busby.	3,200,000	0	0	0	0	3,200,000
3	Automated Meter Infrastructure Ongoing Program for AMR/AMI System	243,500	232,500	226,500	60,000	50,000	812,500
4	Facility Rehab & Improvements Miscellaneous improvements as deemed necessary by staff.	150,000	150,000	150,000	150,000	150,000	750,000
5	Air Release Valve Replacement Program Program to replace leaking air release valves.	100,000	100,000	100,000	100,000	100,000	500,000
6	10 Year Vehicle/Mower Replacement Program Ongoing program including support departments, IT, Meter Engineering	114,800	101,000	105,000	10,000	140,000	470,800
7	Unforeseen Equipment Repair & Replacement Miscellaneous repairs and replacement.	85,000	85,000	90,000	95,000	95,000	450,000
8	Well Improvement, Rehab & Upgrades Program to maintain and clean wells. We have 10 active wells and work on two wells per year.	80,000	80,000	85,000	85,000	85,000	415,000
9	South Street Water Main Improvements Upsize water main from 4" to 6" from Indianapolis Ave. to Grant Street.	0	0	400,000	0	0	400,000
10	IT Budget See IT capital budget for breakdown.	23,250	13,950	13,950	13,950	13,950	79,050
Total		<u>3,996,550</u>	<u>762,450</u>	<u>1,170,450</u>	<u>513,950</u>	<u>31,133,950</u>	<u>37,577,350</u>
Funded by LU		3,996,550	762,450	1,170,450	513,950	31,133,950	37,577,350
Outside Funding		0	0	0	0	0	0
Total		<u>3,996,550</u>	<u>762,450</u>	<u>1,170,450</u>	<u>513,950</u>	<u>31,133,950</u>	<u>37,577,350</u>

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

Water Utility

Projected Cash Analysis

	2022	2023	2024	2025	2026	2027
Total Cash & Investments - Beginning of Year Not Restricted by Ordinance/Regulation	12,990,825	7,066,821	4,908,805	5,988,692	6,753,609	8,190,516
Add:						
Projected Operating Income (A)	5,554,628	5,647,945	5,742,831	5,839,311	5,937,411	6,037,159
Interest	22,641	35,334	24,544	29,943	33,768	40,953
Bond Proceeds	-	-	-	-	-	27,500,000
Depreciation	585,918	597,636	609,589	621,781	634,216	646,901
Less:						
Projected Operational Expenses (B)	(3,597,017)	(3,690,539)	(3,786,493)	(3,806,942)	(3,905,922)	(4,007,476)
Bond Principal and Interest	(501,057)	(624,430)	(622,680)	(623,770)	(623,660)	(623,380)
Reserve Transfers	(124,956)	(124,956)	(124,956)	(124,956)	(124,956)	(124,956)
Lease Interest Expense	(4,394)	(2,457)	(498)	0	0	0
Estimated Cash & Investments Before Capital Expenditures Not Restricted by Ordinance/Regulation	14,926,589	8,905,355	6,751,142	7,924,059	8,704,466	37,659,717
Less:						
Projected Capital Expenditures	(7,859,767)	(3,996,550)	(762,450)	(1,170,450)	(513,950)	(31,133,950)
Estimated Cash & Investments - End of Year Not Restricted by Ordinance/Regulation	7,066,821	4,908,805	5,988,692	6,753,609	8,190,516	6,525,767
Less: Two Months of Average Operation Expense	(599,503)	(615,090)	(631,082)	(634,490)	(650,987)	(667,913)
Available Cash & Investments - End of Year Not Restricted by Ordinance/Regulation	<u>6,467,319</u>	<u>4,293,715</u>	<u>5,357,610</u>	<u>6,119,119</u>	<u>7,539,529</u>	<u>5,857,854</u>

(A) Prior year plus increase of 1.68% 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. Also factored in a 9% rate increase 2022.

(B) Prior year plus increase of 1.26% which is the average change in the last 10 years. Takes into account 2 highest years/2 lowest years/rate adjustments.

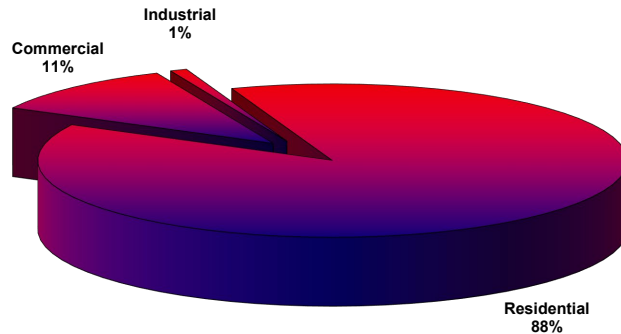
WATER UTILITY 2022 Budget - Final

Statistics

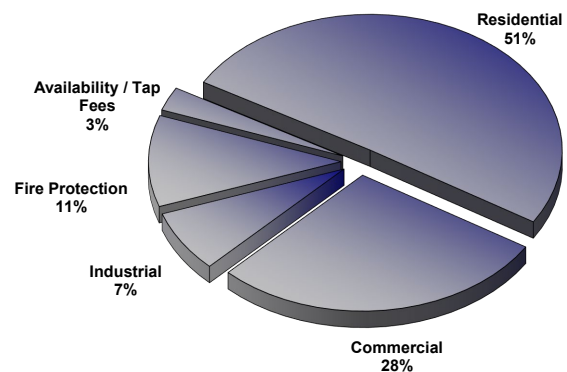
Number of Customers

Residential	5,823
Commercial	715
Industrial	61
Municipal	6

Customers



Projected 2022 Revenue



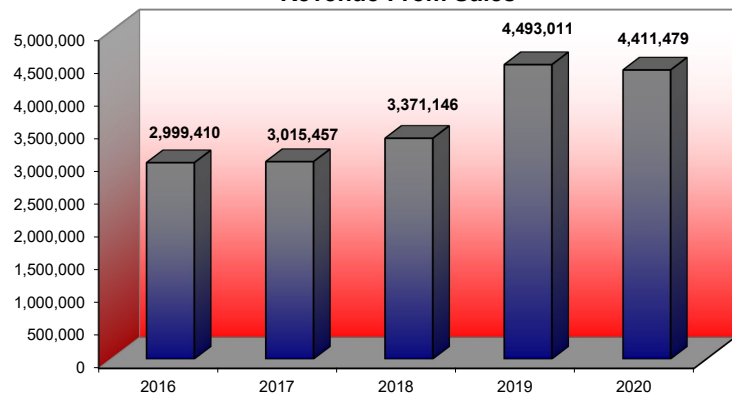
Projected 2022 Revenue

Residential	2,744,234
Commercial	1,544,736
Industrial	398,557
Fire Protection	591,094
Availability / Tap Fees	153,000

Revenue From Sales

2016	2,999,410
2017	3,015,457
2018	3,371,146
2019	4,493,011
2020	4,411,479
**2021 Year to Date Thru Sept.	3,710,024
***Does not include Availability Fees or non-recurring fees.	
2019	4,493,011

Revenue From Sales



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Statistics

Gallons Pumped (Series 1)

2016	633,820,000
2017	584,075,000
2018	587,420,000
2019	578,188,000
2020	619,007,000

**2021 Year to Date Thru Sept.

494,013,000

Gallons Sold (Series 2)

2016	470,805,471 *
2017	475,208,362 *
2018	502,758,229 *
2019	545,570,000 *
2020	549,594,000 *

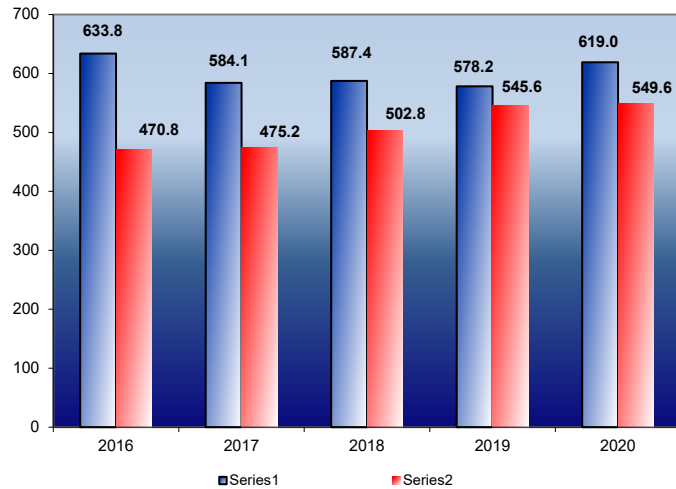
**2021 Year to Date Thru Sept.

420,046,000 *

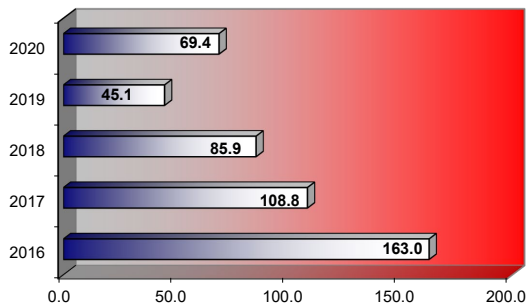
Yearly Backflush

Add *	15,157,000
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Gallons Pumped (Millions)



Water Loss (Millions)



Water Loss (Millions)

2016	163,014,529
2017	108,866,638
2018	84,661,771
2019	45,074,123
2020	69,413,000

**2021 Year to Date Thru Sept.

73,967,000

Lebanon Wastewater Utility

2022 Budget - Final

WASTEWATER UTILITY

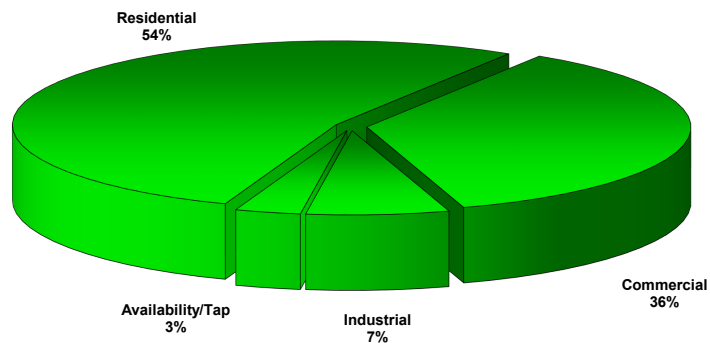
2022 Budget - Final

Revenues

	<u>Actual 2020</u>	<u>Budget 2021</u>	<u>9 Months 2021</u>	<u>Rolling 12 Months</u>	<u>Proposed 2022</u>
Operating Revenue					
Residential	2,903,791	2,974,598	2,169,145	2,870,133	2,938,786
Commercial	2,005,166	2,070,114	1,494,064	1,915,765	1,993,004
Industrial	348,609	388,831	250,807	393,500	391,234
Availability Fees	86,631	180,000	343,416	368,572	180,000
Surcharges	155,021	160,793	96,534	129,608	121,743
Inspection Fees	5,400	6,018	3,350	4,100	4,369
Late Penalties	64,962	67,669	71,228	100,176	114,525
Total Revenue from Sales	<u>5,569,580</u>	<u>5,848,023</u>	<u>4,428,544</u>	<u>5,781,854</u>	<u>5,743,661</u>
Other Revenue					
Other	24,300	27,129	29,132	32,157	36,210
Interest	14,920	14,491	15,192	19,457	20,661
Total Other Revenues	<u>39,220</u>	<u>41,620</u>	<u>44,324</u>	<u>51,614</u>	<u>56,871</u>
Total Revenue	<u><u>5,608,800</u></u>	<u><u>5,889,644</u></u>	<u><u>4,472,868</u></u>	<u><u>5,833,468</u></u>	<u><u>5,800,532</u></u>

Note: A growth factor of 2% for residential, commercial and industrial was used in determining the proposed 2022 revenues

Projected Revenue by Rate Class



<u>Rate Class</u>	<u>Number of Customers</u>
Residential	5,815
Commercial	781
Industrial	60
Total	<u><u>6,656</u></u>
	(As of 09/21)

WASTEWATER UTILITY

2022 Budget - Final

Revenues/Expenses

	Actual 2020	Budget 2021	9 Months 2021	Rolling 12 Months	Proposed 2022	
Operating Revenues						
Residential	2,903,791	2,974,598	2,169,145	2,870,133	2,938,786	(1)
Commercial	2,005,166	2,070,114	1,494,064	1,915,765	1,993,004	(1)
Industrial	348,609	388,831	250,807	393,500	391,234	(1)
Availability Fees	86,631	180,000	343,416	368,572	180,000	(1)
Surcharges	155,021	160,793	96,534	129,608	121,743	(1)
Inspection Fees	5,400	6,018	3,350	4,100	4,369	(1)
Late Penalties	64,962	67,669	71,228	100,176	114,525	(1)
Total Operating Revenues	5,569,580	5,848,023	4,428,544	5,781,854	5,743,661	
Other Revenues						
Other	24,300	27,129	29,132	32,157	36,210	
Total Other Revenue	24,300	27,129	29,132	32,157	36,210	
Total Revenue (less Interest)	5,593,880	5,875,153	4,457,676	5,814,011	5,779,871	
Purchased Services						
Engineering Fees	73,509	68,652	39,562	60,612	90,000	(2)
Accounting Fees	0	24,750	6,277	6,277	24,750	(3)
Legal Fees	68,239	56,203	26,606	56,433	68,711	(4)
Contractual Services - Sludge Removal	75,261	80,000	59,763	80,952	80,000	
Contractual Services - IT	95,973	100,772	63,867	95,858	101,586	(5)
Contractual Services - Other	161,817	290,549	54,334	112,271	378,598	(6)
Telephone Expense	15,459	16,181	10,154	13,796	14,487	
Utilities	290,516	298,974	206,780	285,742	297,563	
Total Purchased Services	780,774	936,080	467,343	711,941	1,055,696	
Wages & Benefits						
Salaries WWC	201,751	212,699	153,519	221,815	219,020	(7)
Salaries WWT	228,039	224,541	173,695	252,424	247,805	(7)
Meter Reading	45,924	56,457	43,018	58,242	61,372	(7)
Line Locating	17,562	18,588	13,053	17,594	18,622	(7)
Mapping	2,387	3,342	1,009	1,009	1,440	(7)
Billing Salaries	35,539	38,140	20,422	29,466	29,135	(7)
Laboratory Salaries	59,184	65,935	41,444	57,531	59,127	(7)
Administrative Salaries	166,963	174,936	124,962	173,052	178,279	(7)
Office Salaries	135,983	127,991	105,796	152,367	150,936	(7)
COVID-19 Salaries	36,364	0	0	1,993	0	
Vacation/Sick Leave	115,880	70,119	81,499	158,046	116,272	(7)
FICA Taxes	80,226	79,673	56,551	80,838	80,679	(7)
Pension	195,914	195,135	134,713	191,245	192,191	(8)
Group Insurance	279,279	321,722	235,500	290,660	333,468	(9)
Total Wages & Benefits	1,600,995	1,589,277	1,185,181	1,686,282	1,688,346	

WASTEWATER UTILITY
2022 Budget

Revenues/Expenses (Cont.)

	Actual 2020	Budget 2021	9 Months 2021	Rolling 12 Months	Proposed 2022
Chemicals	35,365	36,538	20,286	28,974	29,692
Materials & Supplies	2,893	2,856	440	1,496	1,104
Lab	11,826	8,266	8,121	11,285	11,720
Liftstations	13,566	21,697	4,966	6,845	7,137
Office Supplies	8,753	9,075	8,897	11,374	12,315
Janitorial Services	5,870	5,881	4,413	5,634	5,881
Interior Landscaping	0	177	0	0	177
Exterior Landscaping	1,779	2,509	1,239	1,540	2,509
Meter Expense	2,639	3,937	11,498	11,498	14,219
Safety Equipment	1,894	758	271	2,066	1,286
SCADA Equipment	13,034	7,476	7,584	14,336	12,957
Sand / Gravel / Pavement	1,264	860	490	490	606
Miscellaneous Equipment	6,147	3,086	5,874	11,995	10,508
General Maintenance	49,103	44,868	28,019	46,416	44,401
Transportation	15,306	14,684	6,959	10,705	13,139
Computer Equipment	10,657	11,355	286	304	7,321
Software Expense	8,369	11,862	9,590	7,016	10,495
Maintenance Agreements	43,169	75,851	42,531	44,804	53,801 (10)
Insurance	60,737	61,697	52,210	52,460	55,608
Promotional Expense	382	6,180	0	382	6,180
Employee Recognition	1,122	930	191	625	930
Regulatory Expense	9,500	11,305	9,500	9,500	11,748
Bad Debt Expense	14,100	14,620	14,620	14,620	30,359 (11)
Dues & Subscriptions	9,727	14,608	10,608	14,026	11,409
Postage	1,674	1,999	660	1,006	1,000
Conferences & Training	13,888	26,080	13,411	14,617	25,829
Uniforms	15,347	15,587	9,448	13,759	13,969
Safety Training Expense	1,721	4,163	901	1,336	1,345
Payment in Lieu of Taxes	268,997	268,158	210,283	277,532	295,692
Depreciation Expense	826,721	842,327	739,979	946,836	1,006,371
Amortization - Deferred Costs	1,909	5,388	(1,178)	(1,571)	(1,572)
Lease Rental Payments - Principal	74,214	75,981	75,981	75,981	78,632 (12)
Lease - Copiers/Printers	2,585	5,580	1,727	2,309	2,444
Bank Fees - Credit Card	41,715	46,630	19,449	26,877	27,488
Miscellaneous	41,089	61,356	20,545	6,651	18,043
Total Operating Supplies & Expense	1,617,062	1,724,326	1,339,799	1,673,724	1,824,745
Total Expenses	3,998,831	4,249,683	2,992,323	4,071,947	4,568,787
Operating Income	1,595,049	1,625,470	1,465,353	1,742,064	1,211,083
Interest					
Interest Revenue	14,920	14,491	15,192	19,457	20,661
Interest Expense	(433,653)	(418,324)	(316,766)	(421,713)	(402,076) (13)
Total Interest Revenue (Expense)	(418,733)	(403,833)	(301,574)	(402,256)	(381,415)
Extraordinary Items					
Gain on Sale of Assets	0	0	0	0	0
Loss on Sale of Assets	0	(108,000)	(8,069)	(8,069)	(111,600) (14)
Total Extraordinary Items	0	(108,000)	(8,069)	(8,069)	(111,600)
NET MARGIN	1,176,316	1,113,636	1,155,710	1,331,739	718,069

WASTEWATER UTILITY 2022 Budget - Final

Notes to Proposed Revenue and Expenses

Note	Description
(1)	An overall growth factor of 2% was used in determining the proposed 2022 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. Includes \$100,000 for interceptor cleaning and \$100,000 for ditch cleaning.
(7)	Assumes an overall 7% 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. No increase budgeted other than increase in salaries.
(9)	We received a 6.2% increase for 2022 for all combined insurance along with the City Subsidy.
(10)	General maintenance agreements on items such as NISC, Microsoft and other misc. systems.
(11)	A bad debt allowance has been set at .25%. In addition allowed \$16,000 for COVID moratorium/ broken extended pay agreements.
(12)	Lease rental principal on municipal building.
(13)	Lease rental interest on municipal building and bond interest on the 2014 and 2018 bonds.
(14)	Replacing 20% of the meters. Estimate of book value.

WASTEWATER UTILITY

2022 Budget - Final

Capital Additions

Item	Class	Description	Code	Amount	Notes
1	A	Forcemain for Southeast Regional Lift Station - Force main from southeast regional lift station to the wastewater treatment plant.	4	8,000,000	
2	A	Southeast Regional Lift Station - Construction of New regional lift station east of the 4-H grounds.	4	5,500,000	
3	A	Waterford Lift Station and Force Main - Local lift station to serve the Waterford development.	4	4,600,575	
4	A	Reese Park Lift Station & Gravity Sewer Improvements Phase I - Construction of lift station and force main to reduce SSO's.	4	1,750,000	
5	A	South SR39 Local Lift Station & Gravity Sewers - Upsize lift station and sewers for south SR39 to accommodate future growth.	4	1,500,000	
6	A	North SR39 Gravity Sewer Extension & Lift Station - Gravity sewers and lift station to serve new development.	4	1,500,000	
7	A	Edgewood Lift Station & Force Main Reroute & Gravity Sewer Upgrades - Force main extension and gravity sewer upgrades to eliminate exposed creek crossings.	2	450,000	
8	A	WWTP Raw Sewage Pump Replacement - Replace and upsize pumps at WWTP originally installed in 2005.	2	400,000	
9	C	Line Repair/Replacement & Manhole Rehab Program - Ongoing project to help reduce I&I.	2	350,000	
10	A	South SR39 Local Lift Station & Gravity Sewer Upsize - Upsize of lift station and sewers for south SR 39 to accommodate future growth.	2	250,000	
11	A	North SR39 Gravity Sewer Extension & Lift Station Upsize - Upsize of lift station and sewers for north SR 39 to accommodate future growth.	2	250,000	
12	C	Automated Meter Infrastructure - Annual amount for meter replacements as needed.	2	218,032	
13	C	Existing Lift Station Repairs & Upgrades - Used for various repairs and upgrades to the existing lift stations.	2	180,000	
14	D	Sewer Maintenance Vehicle - Will replace vehicle #26 which was a 2008.	2	170,000	(a),(b)

WASTEWATER UTILITY 2022 Budget - Final

Capital Additions (Cont)

Item	Class	Description	Code	Amount	Notes
15	C	Collection System Repairs & Upgrades - Used for various repairs and upgrades in the collection system.	2	100,000	
16	A	Retirement of 4-H Fairgrounds Lift Station - Gravity sewers to redirect flow from the 4-H to the southeast regional lift station.	4	100,000	
17	C	WWTP Unforeseen Repairs & Upgrades - Various repairs and upgrades to the WWTP.	2	60,000	
18	C	Equipment Replacement - Replace equipment as needed.	2	55,000	
19	A	WWTP RAS/WAS Interconnection for Clarifier 3 - Will connect RAS and WAS systems.	1	50,000	
20	D	Dodge RAM with Snow Plow - Will replace vehicle #12 which was a 2001.	2	50,000	(a),(b)
21	D	Duetz / Allis Tractor - Will replace vehicle #E41 which was a 1987.	2	50,000	(a),(b)
22	C	Wastewater's Portion of the IT Budget - The estimated cost to the Wastewater Utility for IT	2	40,585	
23	D	Toro Z Master - Will replace vehicle #E45 which was a 2002.	2	10,000	(a),(b)
24	D	Wastewater's Portion of Administration Vehicles - Wastewater's portion of administrative vehicle replacements in agreement with our vehicle replacement program.	2	0	(a),(b)
TOTAL				<u><u>25,634,192</u></u>	
Operational Cash Flow				50,000	
Reserves				2,633,617	
Bonding				0	
Outside Funding				<u>22,950,575</u>	
TOTAL				<u><u>25,634,192</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	Outside Funding	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
2022 Budget Final
Capital Projects - 5 Years Beyond Fiscal Year 2022

Item	Description	2023	2024	2025	2026	2027	Total Amount
1	Business Park Regional Lift Station New regional lift station, sewers, force mains for the Business Park.	0	0	7,250,000 (A)	0	0	7,250,000
				(1/2 outside funding)			(1/2 outside funding)
2	South SR39 Local Lift Station Permanent Force Main Upsize of lift station and sewers for south SR39 to accommodate future growth.	0	3,500,000	0	0	0	3,500,000
			(Bond)				
3	Southeast Gravity Trunk Sewers Gravity sewers to direct future growth flows to the southeast regional lift station.	0	1,000,000	1,000,000	500,000	500,000	3,000,000
			(Bond)	(Bond)			
4	Reese Park Lift Station & Gravity Sewer Imp's - Phase II Gravity sewers upstream of new lift station to reduce SSO's.	2,000,000	0	0	0	0	2,000,000
5	Line Repair and Replacement & Manhole Program Ongoing project to help with infiltration.	350,000	350,000	350,000	350,000	350,000	1,750,000
6	North SR39 Gravity Sewer Extension & Lift Station Gravity sewers and lift station to serve new development.	500,000	500,000	0	0	0	1,000,000
		(outside funding)	(outside funding)				(outside funding)
7	WWTP - Oxidation Ditch Effluent Pipe Upsize Upsize effluent piping to increase WWTP peak flow to 18 MGD.	0	0	0	1,000,000	0	1,000,000
8	Elimination of 4-H Fairgrounds Lift Station Gravity sewers to redirect flow from the 4-H to the southeast regional lift station.	900,000	0	0	0	0	900,000
		(outside funding)					(outside funding)
9	AMI Replacement Program Ongoing Program for AMR/AMI System	243,500	232,500	226,500	60,000	60,000	822,500
10	10 Year Vehicle/Equipment Replacement Program Ongoing program and includes wastewater's portion of multi-departmental equipment replacement program- five of ten years.	99,800	105,000	262,000	90,500	165,000	722,300
11	Existing Lift Station Repairs & Upgrades. Used for various repairs and upgrades to existing lift stations.	180,000	160,000	140,000	120,000	110,000	710,000

Notes:

(A) - This project has a potential outside funding of 100%.

**WASTEWATER UTILITY
2022 Budget Final**

Capital Projects - 5 Years Beyond Fiscal Year 2022

Item	Description	2023	2024	2025	2026	2027	Total Amount
12	North SR39 Gravity Sewer Extension & Lift Station Upsize Upsize of lift station and sewers for north SR39 to accommodate future growth.	250,000	250,000	0	0	0	500,000
13	Collection System Repairs & Upgrades Various repairs and upgrades to the collections system.	100,000	70,000	70,000	70,000	70,000	380,000
14	WWTP Unforeseen Repairs & Upgrades Various repairs and upgrades to the WWTP.	60,000	60,000	60,000	60,000	60,000	300,000
15	Equipment Replacement Replace equipment as needed.	55,000	55,000	55,000	55,000	55,000	275,000
16	South SR39 Local Lift Station & Gravity Sewer Upsize Upsize of lift station and sewers for south SR39 to accommodate future growth.	250,000	0	0	0	0	250,000
17	WWTP - Clarifier Drive Mechanism Improvements Rebuild/replace drive mechanisms.	175,000	0	0	0	0	175,000
18	WWTP - Clarifier Mechanism Recoating Recoat metal structures that have been in service since 1998.	175,000	0	0	0	0	175,000
19	WWTP - Headworks Lab Building Roof Rehabilitation Perform maintenance/replace TPO roof.	0	100,000	0	0	0	100,000
20	IT Budget See IT capital budget for breakdown.	23,250	13,950	13,950	13,950	13,950	79,050
21	WWTP - Covered Storage for Alum Totes Extend chemical feed structure to provide heated storage.	25,000	0	0	0	0	25,000
Total		<u>5,386,550</u>	<u>6,396,450</u>	<u>9,427,450</u>	<u>2,319,450</u>	<u>1,383,950</u>	<u>24,913,850</u>
Funded by LU		3,986,550	5,896,450	5,802,450	2,319,450	1,383,950	19,388,850
Outside Funding		<u>1,400,000</u>	<u>500,000</u>	<u>3,625,000</u>	<u>0</u>	<u>0</u>	<u>5,525,000</u>
Total		<u>5,386,550</u>	<u>6,396,450</u>	<u>9,427,450</u>	<u>2,319,450</u>	<u>1,383,950</u>	<u>24,913,850</u>

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

WASTEWATER UTILITY

Projected Cash Analysis

	2022	2023	2024	2025	2026	2027
Total Cash & Investments - Beginning of Year Not Restricted by Ordinance/Regulation	5,681,925	4,197,776	1,479,145	2,412,755	(2,225,169)	(3,299,244)
Add:						
Projected Operating Income (A)	5,779,871	5,904,716	6,032,258	6,162,555	6,295,666	6,431,652
Interest	20,661	20,989	7,396	12,064	0	0
Depreciation & Amortization	1,004,799	1,024,895	1,045,393	1,066,301	1,087,627	1,109,380
Bond Proceeds	-	-	5,500,000	-	-	-
Less:						
Projected Operational Expenses (B)	(4,568,787)	(4,637,319)	(4,706,879)	(4,699,482)	(4,769,974)	(4,841,524)
Bond Principal & Interest Payments	(1,032,682)	(1,042,905)	(1,047,610)	(1,376,911)	(1,367,944)	(1,367,244)
Lease Interest Expense	(4,394)	(2,457)	(498)	0	0	0
Estimated Cash & Investments Before Capital Expenditures Not Restricted by Ordinance/Regulation	6,881,393	5,465,695	8,309,205	3,577,281	(979,794)	(1,966,980)
Less:						
Projected Capital Expenditures	(2,683,617)	(3,986,550)	(5,896,450)	(5,802,450)	(2,319,450)	(1,383,950)
Estimated Cash & Investments - End of Year Not Restricted by Ordinance/Regulation	4,197,776	1,479,145	2,412,755	(2,225,169)	(3,299,244)	(3,350,930)
Less: Two Months of Average Operation Expense	(761,465)	(772,887)	(784,480)	(783,247)	(794,996)	(806,921)
Available Cash & Investments - End of Year Not Restricted by Ordinance/Regulation	<u>3,436,311</u>	<u>706,258</u>	<u>1,628,275</u>	<u>(3,008,416)</u>	<u>(4,094,240)</u>	<u>(4,157,851)</u>

(A) Prior year plus increase of 2.16% which is the average change in the last 10 years.
Takes into account 2 highest years/2 lowest years/rate adjustments.

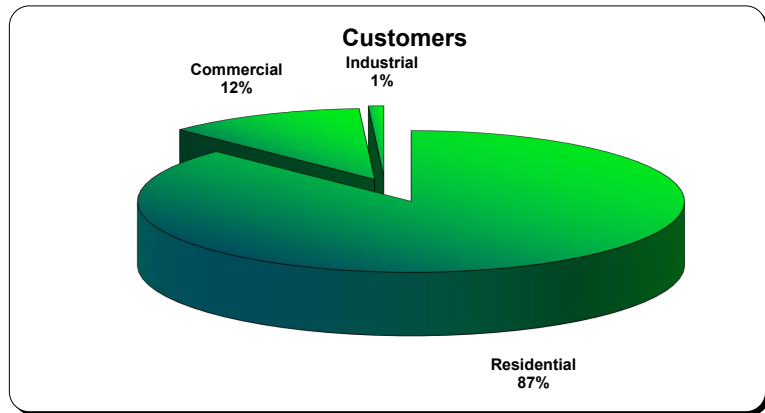
(B) Prior year plus increase of 1.5% which is the average change in the last 10 years. Takes into account 2 highest years/2 lowest years/rate adjustments.

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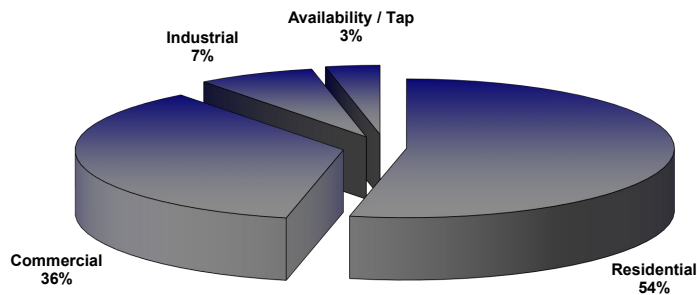
Statistics

Number of Customers

Residential	5,815
Commercial	781
Industrial	60



Projected 2022 Revenue



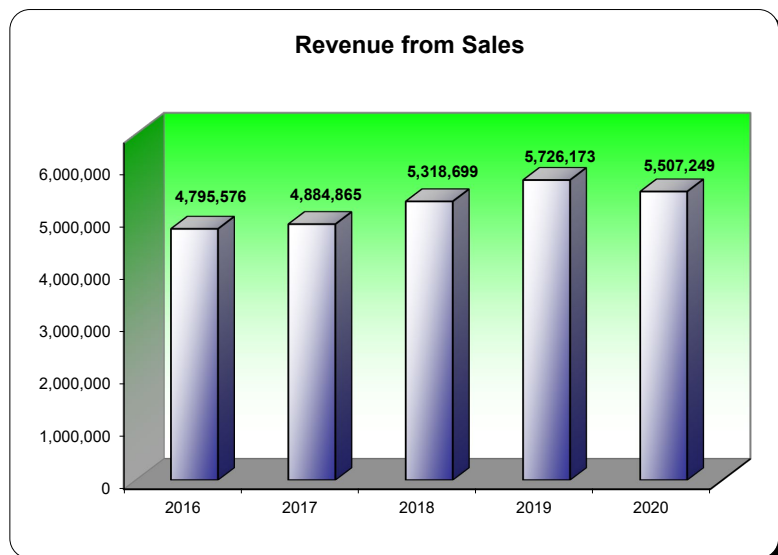
Projected 2022 Revenue

Residential	2,938,786
Commercial	1,993,004
Industrial	391,234
Availability / Tap	180,000

Revenue From Sales

2016	4,795,576
2017	4,884,865
2018	5,318,699
2019	5,726,173
2020	5,507,249
**2021 Year to Date Thru Sept.	4,114,260

***Does not include Availability Fees.



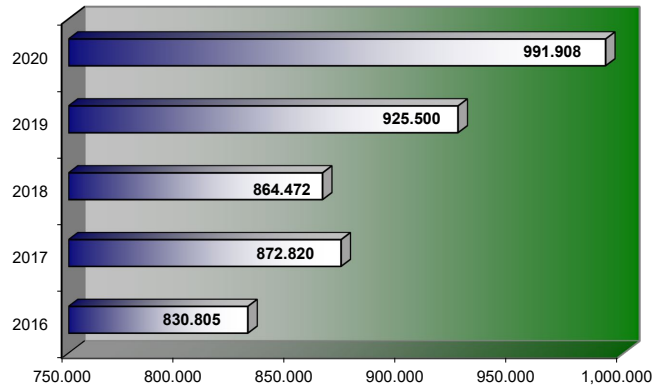
WASTEWATER UTILITY 2022 Budget - Final

Statistics

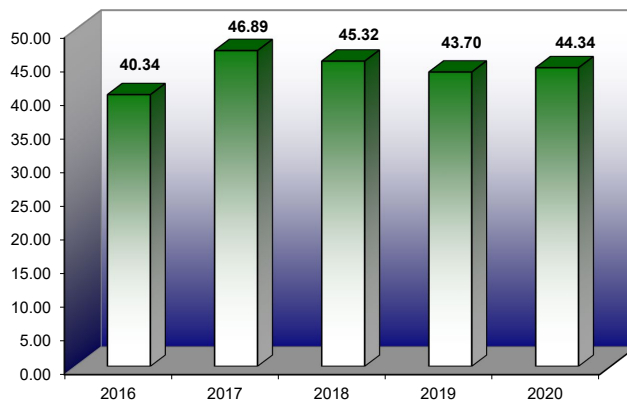
Effluent (1,000,000 Gallons)

2016	830.805
2017	872.820
2018	864.472
2019	925.500
2020	991.908
**2021 Year to Date Thru Sept.	789.213

Effluent (Millions per Year)



Rainfall (Inches)



Rainfall (Inches)

2016	40.34
2017	46.89
2018	45.32
2019	43.70
2020	44.34
**2021 Year to Date Thru Sept.	36.44

Telecommunications Division

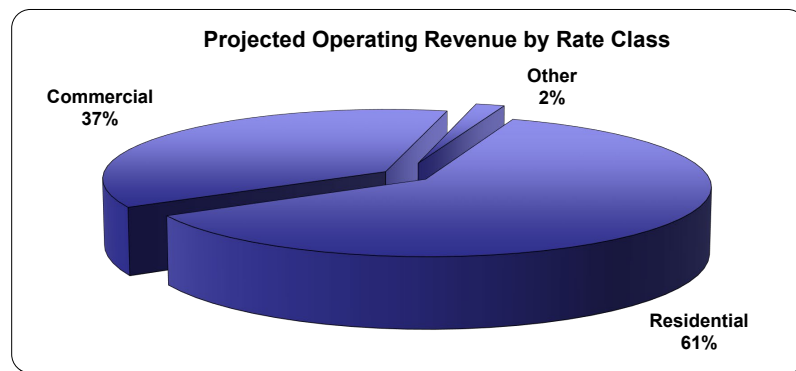
2022 Budget - Final

TELECOMMUNICATIONS DIVISION
2022 Budget - Final

Revenues

	<u>Actual 2020</u>	<u>Budget 2021</u>	<u>9 Months 2021</u>	<u>Rolling 12 Months</u>	<u>Proposed 2022</u>
Operating Revenue					
Residential	388,604	256,059	415,875	548,199	562,376
Commercial	200,589	177,629	200,571	266,240	272,171
Custom Commercial	81,731	88,480	50,203	66,872	68,243
Installations	8,544	8,338	2,938	4,898	4,496
Equipment	133,704	274,310	0	0	0
Set-up Charges	6,159	5,654	4,858	6,589	6,664
Late Penalties	3,876	3,056	3,891	5,680	5,543
Total Revenue from Sales	<u>823,207</u>	<u>813,525</u>	<u>678,336</u>	<u>898,478</u>	<u>919,492</u>
Other Revenue					
Interest	1,277	1,290	1,574	1,938	2,059
Other	44,914	49,663	37,282	45,678	50,704
Total Other Revenues	<u>46,191</u>	<u>50,954</u>	<u>38,856</u>	<u>47,616</u>	<u>52,762</u>
Total Revenue	<u><u>869,398</u></u>	<u><u>864,478</u></u>	<u><u>717,192</u></u>	<u><u>946,094</u></u>	<u><u>972,254</u></u>

Note: An average growth factor of 2% was used in determining the proposed 2022 revenues.



<u>Rate Class</u>	<u>Number of Customers</u>
Wireless	1,266
Fiber	6
Total	<u><u>1,272</u></u>
	(As of 9-21)

TELECOMMUNICATIONS DIVISION
2022 Budget - Final

Revenues/Expenses

	<u>Actual 2020</u>	<u>Budget 2021</u>	<u>9 Months 2021</u>	<u>Rolling 12 Months</u>	<u>Proposed 2022</u>	
Operating Revenues						
Residential	388,604	256,059	415,875	548,199	562,376	(1)
Commercial	200,589	177,629	200,571	266,240	272,171	(1)
Custom Commercial	81,731	88,480	50,203	66,872	68,243	(1)
Installations	8,544	8,338	2,938	4,898	4,496	(1)
Equipment	133,704	274,310	0	0	0	(1)
Set-up Charges	6,159	5,654	4,858	6,589	6,664	(1)
Late Penalties	3,876	3,056	3,891	5,680	5,543	(1)
Total Operating Revenue	823,207	813,525	678,336	898,478	919,492	
Other Revenue						
Other	44,914	49,663	37,282	45,678	50,704	
Total Other Revenue	44,914	49,663	37,282	45,678	50,704	
Total Revenue (less Interest)	868,121	863,188	715,618	944,156	970,196	
Purchased Services						
Bandwidth	74,267	75,661	56,045	74,637	79,163	
Telephone	2,570	2,705	1,932	2,489	2,684	
Contractual Services - Other	11,329	22,627	12,444	15,175	27,135	(2)
Contractual Services - IT	8,997	9,446	5,988	8,987	22,939	(3)
Accounting Fees	0	18,000	1,774	1,774	18,000	(4)
Legal Fees	8,570	8,498	3,233	6,521	10,741	(5)
Utilities	9,799	9,755	6,999	9,898	10,186	
Total Purchased Services	115,532	146,692	88,415	119,481	170,848	
Wages & Benefits						
Customer Install	36,642	45,398	27,016	39,339	43,543	(6)
Billing	3,302	3,532	1,916	2,765	2,733	(6)
Administrative	89,284	89,403	64,062	90,681	91,395	(6)
Office Personnel	20,631	30,012	14,928	21,520	26,297	(6)
Covid-19	2,093	0	0	98	0	
Sick/Vacation Pay	21,149	18,245	15,649	29,135	22,326	(6)
FICA Taxes	12,532	11,988	8,989	12,958	12,824	(6)
Group Insurance	47,378	61,514	45,540	55,146	64,485	(7)
Pension	35,762	22,998	16,603	35,938	23,687	(8)
Total Wages & Benefits	268,773	283,089	194,703	287,580	287,291	

TELECOMMUNICATIONS DIVISION
2022 Budget - Final

Revenues/Expenses (Cont.)

	Actual 2020	Budget 2021	9 Months 2021	Rolling 12 Months	Proposed 2022
Operating Supplies & Expense					
Tools & Equipment	1,054	1,358	5,869	6,065	7,464
Installation Supplies	8,145	8,312	4,962	6,461	6,931
Tower Rent	19,619	21,101	10,289	20,495	23,133
Maintenance of Equipment	272	656	140	330	274
General Maintenance	528	429	1,126	1,379	1,527
Office Supplies	1,707	1,474	1,289	1,948	1,943
Janitorial Services	1,325	1,327	996	1,328	1,327
Interior Landscaping	0	39	0	0	39
Exterior Landscaping	402	567	280	348	567
Communications Equipment	5,533	10,385	3,778	5,408	5,536
Computer Equipment	1,071	5,134	667	690	1,438
Software Expense	1,315	2,101	1,237	627	1,206
Maintenance Agreements	5,974	9,535	8,047	8,541	10,213
Dues & Subscriptions	9,717	10,377	9,247	11,342	12,249
Postage	92	102	56	76	80
Insurance	4,819	4,858	4,526	4,582	4,617
Conference & Training	1,965	4,071	2,157	2,382	5,429
Promotion	86	460	0	86	460
Employee Recognition	128	210	16	112	210
Transportation	5,320	4,299	3,115	5,528	6,365
Freight / Shipping	2,704	2,721	1,090	1,583	1,609
Payment in Lieu of Taxes	2,412	2,455	1,794	2,397	2,538
Depreciation Expense	48,634	50,701	31,448	42,728	42,769
Gross Income Tax	11,500	11,390	10,300	13,300	11,642
Bad Debt Expense	2,760	3,284	3,284	3,284	5,799 (9)
Lease Rental Payments - Principal	16,758	17,157	17,157	17,157	17,756 (10)
Lease - Copiers/Printers	584	1,260	390	522	552
Bank Fees - Credit Card	3,911	4,376	1,823	2,520	2,624
Miscellaneous	29,424	22,902	23,766	34,405	35,029
Total Operating Supplies & Expense	187,759	203,041	148,849	195,624	211,327
Total Expenses	572,064	632,822	431,967	602,685	669,465
Operating Income	296,057	230,366	283,651	341,471	300,730
Interest					
Interest Revenue	1,277	1,290	1,574	1,938	2,059
Interest Expense	(1,828)	(1,414)	(1,415)	(1,415)	(992) (11)
Total Interest Revenue (Expense)	(551)	(124)	159	523	1,067
Extraordinary Items					
Gain on Sale of Assets	0	0	0	0	0
Loss on Sale of Assets	(1,047)	(5,000)	0	(1,047)	(5,000)
Total Extraordinary Items	(1,047)	(5,000)	0	(1,047)	(5,000)
Net Margin	294,459	225,243	283,810	340,947	296,797

TELECOMMUNICATIONS DIVISION
2022 Budget - Final

Notes to Proposed Revenue and Expenses

Note	Description
(1)	The revenue numbers are based on a 2% increase in revenue for 2022.
(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 7% increase in wages with inflationary adjustment along with employees moving through the advancement program.
(7)	We received a 6.2% increase for 2022 for all combined insurance along with the City Subsidy.
(8)	Funding of the Defined Benefit Plan and the Defined Contribution Plan. No increase budgeted other than increase in salaries.
(9)	A bad debt allowance has been set at .25%. In addition allowed \$3,500 for COVID moritorium/ broken extended pay agreements.
(10)	Lease rental principal on municipal building.
(11)	Includes a portion for the interest on the lease for the municipal building.

TELECOMMUNICATIONS DIVISION 2022 Budget - Final

Capital Additions

Item	Class	Description	Code	Amount	Notes
1	B	Wireless Technology Upgrade - Buying and testing new equipment allowing for possible upgrade.	2	35,000	
2	C	Backhaul Upgrades - To maintain or upgrade the radios that feed the different locations.	2	20,000	
3	C	Wireless Installs/Maintenance - Annual amount for routine break/fix and required upgrades. This will cover approx. 150 customers.	2	15,000	
4	C	Fiber Maintenance/Upgrades - Annual amount for routine break/fix and required upgrades.	2	15,000	
5	B	Fiber Project - Replace old air-blown fiber cable from the municipal building to the Elm Street water tower.	2	10,000	
6	C	Telecom's Portion of the IT Budget - The estimated cost to the Telecommunication Utility for IT Functions.	2	9,164	
7	C	Tower AP Upgrades - Additional access points, antennas or upgrade access points to provide faster service.	2	8,000	
8	C	Router/Switch Upgrades - Upgrade routing and switching infrastructure for the internet service.	2	5,000	
9	D	Telecom's Portion of the Administration Vehicles - Telecom's portion of administrative vehicle replacements in agreement with our vehicle replacement program.	2	-	(a),(b)
TOTAL				117,164	
Operational Cash Flow				-	
Reserves				117,164	
Bonding				-	
Outside Funding				-	
TOTAL				117,164	

Code:

1 Operational Cash Flow
2 Reserves
3 Bonding
4 Outside Funding

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
2022 Budget - Final

Capital Projects - 5 Years Beyond Fiscal Year 2022

Item	Description	Projected 2023	Projected 2024	Projected 2025	Projected 2026	Projected 2027	Total Amount
1	Wireless Installs/Maintenance Equipment on customer premises.	15,000	15,000	15,000	15,000	15,000	75,000
2	10 Year Vehicle Replacement Program Ongoing program and includes telecoms portion of multi-departmental equipment replacement program-five of ten years.	5,600	30,000	30,000	0	0	65,600
3	CPE Upgrades Upgrade existing customer equipment.	0	0	50,000	0	0	50,000
4	Fiber Maintenance/Upgrades Major maintenance and repair.	10,000	10,000	10,000	10,000	10,000	50,000
5	Backhaul upgrades To maintain or upgrade the radios that feed the remote locations.	10,000	10,000	10,000	10,000	10,000	50,000
6	Tower AP Upgrades Additional access points, antennas or upgrade access points to provide for faster service.	2,000	8,000	2,000	8,000	2,000	22,000
7	IT Budget See IT capital budget for breakdown.	5,250	3,150	3,150	3,150	3,150	17,850
8	Router/Switch Upgrades Upgrade routing and switching infrastructure for the internet service.	0	2,000	0	2,000	0	4,000
Total		<u>47,850</u>	<u>78,150</u>	<u>120,150</u>	<u>48,150</u>	<u>40,150</u>	<u>334,450</u>
Funded by LU		47,850	78,150	120,150	48,150	40,150	334,450
Outside Funding		0	0	0	0	0	0
Total		<u>47,850</u>	<u>78,150</u>	<u>120,150</u>	<u>48,150</u>	<u>40,150</u>	<u>334,450</u>

Telecommunications Division

Projected Cash Analysis

	2022	2023	2024	2025	2026	2027
Total Cash & Investments - Beginning of Year Not Restricted by Ordinance/Regulation	657,036	690,237	901,278	1,190,921	1,464,958	1,820,132
Add:						
Projected Operating Income (A)	970,196	989,600	1,009,392	1,029,580	1,050,171	1,071,175
Interest	2,059	3,451	4,495	5,932	7,305	9,070
Depreciation & Amortization	48,568	49,539	50,530	51,541	52,572	53,623
Less:						
Projected Operational Expenses (B)	(669,465)	(682,855)	(696,512)	(692,866)	(706,723)	(720,858)
Interest on Lease	(992)	(555)	(112)	0	0	0
Repayment of Loan	(200,000)	(100,289)	0	0	0	0
Estimated Cash & Investments Before Capital Expenditures Not Restricted by Ordinance/Regulation	807,401	949,128	1,269,071	1,585,108	1,868,282	2,233,141
Less:						
Projected Capital Expenditures	(117,164)	(47,850)	(78,150)	(120,150)	(48,150)	(40,150)
Estimated Cash & Investments - End of Year Not Restricted by Ordinance/Regulation	690,237	901,278	1,190,921	1,464,958	1,820,132	2,192,991
Less: Two Months of Average Operation Expense	(111,578)	(113,809)	(116,085)	(115,478)	(117,787)	(120,143)
Available Cash & Investments - Beginning of Year Not Restricted by Ordinance/Regulation	<u>578,659</u>	<u>787,469</u>	<u>1,074,836</u>	<u>1,349,480</u>	<u>1,702,345</u>	<u>2,072,848</u>

(A) Prior year plus increase of 2% in 2022 - 2026.

(B) Prior year plus increase of 2% in 2022 - 2026 which will need to be monitored by staff.

**If funds permit more will be applied to the loan.

IT Capital Program

2022 Budget - Final

**IT
2022 Budget - Final**

Capital Additions

Item	Class	Description	Code	Amount	Department
1	B	Accounting Software - Replace the Accounting/Finance Software.	2	76,800	IT
2	C	Incidental Hardware - Incidental hardware purchases that may arise.	1	30,000	IT
3	C	Incidental Software - Incidental software purchases that may arise.	1	15,000	IT
4	B	Building Automation System Upgrade - Upgrade the control system for the HVAC System. Current system is outdated and parts are no longer available.	2	9,120	IT
TOTAL				<u>130,920</u>	
Operational Cash Flow				45,000	
Other				<u>85,920</u>	
TOTAL				<u>130,920</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 2022 Budget - Final

Capital Projects - 5 Years Beyond Fiscal Year 2022

Item	Description	Projected 2023	Projected 2024	Projected 2025	Projected 2026	Projected 2027	Total Amount
1	Incidental Hardware Incidental hardware purchases that may arise.	30,000	30,000	30,000	30,000	30,000	150,000
2	Incidental Software Incidental software purchases that may arise.	15,000	15,000	15,000	15,000	15,000	75,000
3	Firewall Hardware Firewall will be close to EOL.	30,000	0	0	0	0	30,000
Total		<u>75,000</u>	<u>45,000</u>	<u>45,000</u>	<u>45,000</u>	<u>45,000</u>	<u>255,000</u>
Electric		23,250	13,950	13,950	13,950	13,950	79,050
Water		23,250	13,950	13,950	13,950	13,950	79,050
Sewer		23,250	13,950	13,950	13,950	13,950	79,050
Telecom		<u>5,250</u>	<u>3,150</u>	<u>3,150</u>	<u>3,150</u>	<u>3,150</u>	<u>17,850</u>
		<u>75,000</u>	<u>45,000</u>	<u>45,000</u>	<u>45,000</u>	<u>45,000</u>	<u>255,000</u>

Vehicle Replacement Plan

2022 Budget - Final

**ALL UTILITIES
2022 Budget - Final**

Vehicles - 10 Year Replacement Plan

Dept.	Year	No.	Description	Cycle Years	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Electric:														
Electric Distribution														
I. Light Vehicles														
	2018	91	Ford F150	10							30,000			
	2016	28	Ford Pick-Up	10					40,000					
	2016	81	Ford F-150 4X4	10					40,000					
	2014	31	Ford Escape	10	35,000									
	2013	88	Dodge Van	10		30,000								
II. Bucket Trucks														
	2018	17	Chevy Duramax C 7500	10										
	2016	3	GMC C 6500	10										
	2013	11	Line Bucket 45ft	10			217,250							
	2009	8	Ford 550 (Service Bucket)	10										
III. Line Trucks														
	2017	22	International 4300	10										
	2007	19	International 4300	10		320,000								
IV. Misc. Trucks														
	2008	7	1T Ford Dump Truck	10										
V. Other Equipment														
	2020		New Wire Trailer	None									30,000	
	2009		Cable Puller	None										
	2008		Forklift Clark	None										
	2003		Trencher Trailer	10										
	2002		Bandit Chipper	None										
	2002		Pole Trailer	None										
	2002		Case DBH4 Trencher	10										
	1997		1PL Wire Trailer	None										
	1985		2PL Wire Trailer	None										
	2022		Backyard Digger Derrick	None	230,000									
	2013		Hole Vac	None										
Subtotal Vehicles					35,000	350,000	217,250	0	80,000	0	30,000	0	0	0
Subtotal Other Equipment					230,000	0	0	0	0	0	0	0	30,000	0
Total					<u>265,000</u>	<u>350,000</u>	<u>217,250</u>	<u>0</u>	<u>80,000</u>	<u>0</u>	<u>30,000</u>	<u>0</u>	<u>30,000</u>	<u>0</u>

ALL UTILITIES
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Vehicles - 10 Year Replacement Plan

Dept.	Year	No.	Description	Cycle Years	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Water:														
Administration:														
I. Vehicles														
	2013	20	Ford Escape (1/2)	10		12,500								
	2006	14	Ford Escape (1/2)	10		12,500								
Water Plant:														
I. Vehicles														
	2016	15	Dodge with Snow Plow	10							35,000			
	2015	34	Chevy Silverado	10				35,000						
	2004	92	GMC Canyon	10										
II. Other Equipment														
	2020		Toro ZTR	None										
	2005		John Deere Z930M	None							8,500			
	2003		John Deere Lawn Mower	None										
Water Distribution:														
I. Vehicles														
	2015	10	1T Service Truck	10						65,000				
	2015	6	Ford F 350 Service Truck	10						65,000				
II. Dump Trucks														
	2004	29	1 1/2T Ford F450	15				60,000						
	2002	18	GMC 2T Dump Truck	10			70,000							
III. Other Equipment														
	2020		Toro Zero Turn	None									6,500	
	2021		Case Backhoe	None										
	2004		Vemeer - Pull behind Vac	None		65,000								
	2003		Sullair - Air Compressor	None					10,000					
	1997		Trailer	None			4,000							
	1977		Bame Backhoe Trailer	None			7,000							
Subtotal Vehicles					0	25,000	70,000	95,000	0	130,000	35,000	0	0	0
Subtotal Other Equipment					0	65,000	11,000	0	10,000	0	8,500	0	6,500	0
Total					0	90,000	81,000	95,000	10,000	130,000	43,500	0	6,500	0

**ALL UTILITIES
2022 Budget - Final**

Vehicles - 10 Year Replacement Plan

Dept.	Year	No.	Description	Cycle Years	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Wastewater:														
Administration:														
I. Vehicles														
	2013	20	Ford Escape (1/2)	10		12,500								
	2006	14	Ford Escape (1/2)	10		12,500								
Wastewater Treatment Plant:														
I. Vehicles														
	2022	12	Dodge Ram with Snow Plow	10	50,000									
	2020	35	Operations Vehicle	10									50,000	
	2007	37	GMC Sierra	10		35,000								
II. Other Equipment														
	2022	E45	Toro Z Master	None	10,000									
	2022	E41	Deutz / Allis Tractor	None	50,000									
	2020		Front Deck Mower - Kubota F3990	None									17,000	
	2015	E49	Com PRO Trailer	None							2,700			
	2011	E46	Toro Z Master	10			15,000							
	2008	E48	Kubota Mower	None					8,500					
	2008	E47	Kubota RTV900	None		15,000								
Sewer Maintenance:														
I. Vehicles														
	2022	26	Ford F 350 Super Duty	10	170,000									
	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							130,000			
II. Dump Trucks														
	2009	25	Ford F 450 Dump	10				60,000						
	2002	13	Ford F 650 2T Dump	10			70,000							
III. Other Equipment														
	2009		Case Backhoe 580 Super	10						120,000				
	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							230,000			
Subtotal Vehicles					220,000	60,000	70,000	180,000	60,000	35,000	130,000	0	50,000	0
Subtotal Other Equipment					60,000	15,000	15,000	72,000	30,500	120,000	232,700	0	17,000	0
Total					280,000	75,000	85,000	252,000	90,500	155,000	362,700	0	67,000	0

ALL UTILITIES
2022 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 2022</u>	<u>FY 2023</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>
Telecommunications														
I. Vehicles														
	2014	51	Ford E Series E150	8			30,000							
	2014	85	Ford E Series E150	8				30000						
			Total		<u>0</u>	<u>0</u>	<u>30,000</u>	<u>30,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

ALL UTILITIES
2022 Budget - Final

Vehicles - 10 Year Replacement Plan

Dept.	Year	No.	Description	Dept.	Cycle Years	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Miscellaneous:															
Meter Technicians:															
I. Vehicles															
	2017	16	Ford F150	Metering	7			30,000							
	2017	80	Ford F150	Metering	7			30,000							
	2018	21	Ford F150	Metering	7				30,000						
II. Locator Vehicles															
	2020	33	Ford Ranger		7					30,000					
Administration:															
I. Vehicles															
	2010	90	GMC Pick-Up	Facility	10		35,000								
	2014	1	Jeep Cherokee	Office	7		45,000								
Total						<u>0</u>	<u>80,000</u>	<u>60,000</u>	<u>30,000</u>	<u>0</u>	<u>30,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
				E		0	24,800	20,000	10,000	0	10,000	0	0	0	0
				W		0	24,800	20,000	10,000	0	10,000	0	0	0	0
				WW		0	24,800	20,000	10,000	0	10,000	0	0	0	0
				T		0	5,600	0	0	0	0	0	0	0	0
						<u>0</u>	<u>80,000</u>	<u>60,000</u>	<u>30,000</u>	<u>0</u>	<u>30,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>