City of Stoughton, 207 South Forrest Street, Stoughton WI 53589

RESOLUTION FROM THE UTILTIES COMMITTEE TO THE STOUGHTON COMMON COUNCIL			
Authorizing and directing the proper City official(s) to approve the Stoughton Utilities 2021 budget and five-year (2021-2025) Capital Improvement Plan (CIP).			
Committee Action:	Utilities Committee recommended Committee of the Whole and Common Council approval 7-0 Committee of the Whole recommended Common Council approval 12-0		
Fiscal Impact:	Revenue Neutral		
File Number:	R-168-2020	**Date Introduced:**	November 10, 2020

WHEREAS, in early 2020, City of Stoughton and Stoughton Utilities staff, along with their engineering and financial consultants, initiated the development of the proposed 2021 Stoughton Utilities Budget and five-year (2021-2025) Capital Improvement Program, and

WHEREAS, the Stoughton Utilities Committee approved and recommended the approval of the proposed 2021 Stoughton Utilities Budget and five-year (2021-2025) Capital Improvement Plan to the Common Council on October 19, 2020, and

WHEREAS, the Stoughton Committee of the Whole reviewed the proposed 2021 Stoughton Utilities Budget and five-year (2021-2025) Capital Improvement Plan during their budget workshop on October 22, 2020, and

WHEREAS, the Stoughton Committee of the Whole approved, and recommended the approval of the proposed 2021 Stoughton Utilities Budget and five-year (2021-2025) Capital Improvement Plan to the Common Council on October 29, 2020, now therefore

BE IT RESOLVED by the Common Council of the City of Stoughton that the proper city official(s) approve and adopt the 2021 Stoughton Utilities Budget and five-year (2021-2025) Capital Improvement Plan.

Council Action: ☐ **Adopted** ☐ **Failed** **Vote:** _____

Mayoral Action: ☐ **Accept** ☐ **Veto**

_____ _____
Mayor Timothy Swadley Date

Council Action: _____ ☐ **Override** **Vote:** _____

Business:

1. Wastewater 2019 Compliance Maintenance Annual Report (CMAR)
2. Naming the Stoughton Utilities Director and/or the Stoughton Director of Finance/Comptroller as Authorized Representatives to File Applications for Financial Assistance from the State of Wisconsin Environmental Improvement Fund

Discussion followed.

Stoughton Utilities Proposed 2021 Budget and Five Year (2021 – 2025) Capital Improvement Projects (CIP) Plan: Stoughton Utilities and City staff presented and discussed the proposed 2021 Stoughton Utilities budget. Discussion followed. Stoughton Utilities and City staff presented and discussed the proposed 2021 five-year (2021-2025) Capital Improvement Projects (CIP) Plan. Discussion followed.

Motion by Hirsch, the motion seconded by Jenson, to approve the Stoughton Utilities 2021 budget and the Stoughton Utilities 2021 five-year (2021-2025) Capital Improvement Projects (CIP) Plan and recommend approval to the Stoughton Common Council. The motion carried unanimously 7 to 0.

Ordinance to Amend Sections 74-15(a) and 74-15(b) and Create Sections 74-15 (c) through (e) of the City of Stoughton Code of Ordinances, Relating to the Placement of Water Metering Facilities and the Replacement of Inaccessible Metering Facilities: Stoughton Utilities staff presented and discussed a draft ordinance that would require the standardization of existing water metering plumbing arrangements that would not meet current plumbing codes. This ordinance is being proposed in preparation for our upcoming lead service line replacement program. Inaccessible metering locations not only pose accessibility concerns when servicing the meter, but can also pose potential dangers to servicing technicians. Discussion followed.

Motion by Heili, the motion seconded by Jenson, to approve amending Sections 74-15(a) and 74-15(b) and creating Sections 74-15 (c) through (e) of the City of Stoughton Code of Ordinances, relating to the placement of water metering facilities and the replacement of inaccessible metering facilities, and recommend approval of the adopting ordinance to the Stoughton Common Council. The motion carried unanimously 7 to 0.

Ordinance to Amend Sections 74-2(a) and 74-2(b) and Create Sections 74-2 (g) through (h) of the City of Stoughton Code of Ordinances, Relating to the Replacement of Indirect Service Lateral Connections: Stoughton Utilities staff presented and discussed a draft ordinance that would require privately-owned service connection lines be connected directly to the public system, and where any indirect service connections are discovered, provides a method to require such indirect connections be relocated to directly connect to the public system. This ordinance is intended to address scenarios where a home or building on one parcel has a water or sanitary sewer service line that connects to service line that provides service to a home or building on a neighboring parcel. Utilities staff is aware of several locations where such connections exist, and examples of the issues that can arise from such indirect connections were given. Discussion followed.

Motion by Heili, the motion seconded by Jenson, to approve amending Sections 74-2(a) and 74-2(b) and Create Sections 74-2 (g) through (h) of the City of Stoughton Code of Ordinances, relating to the replacement of indirect service lateral connections, and recommend approval of the adopting ordinance to the Stoughton Common Council. The motion carried unanimously 7 to 0.

Stoughton Utilities

600 South Fourth Street
P.O. Box 383
Stoughton, WI 53589-0383

Serving Electric, Water & Wastewater Since 1886

Date: October 13, 2020

To: Stoughton Utilities Committee

From: Jamin Friedl, CPA
City of Stoughton Finance Director

Jill M. Weiss, P.E.
Stoughton Utilities Director

Subject: Stoughton Utilities Proposed 2021 Budget and Five Year (2021 – 2025) Capital Improvement Projects (CIP) Plan.

We have completed efforts utilizing system plans, projections and engineering studies, and 2020 financial forecasts to develop our Proposed 2021 Budget and Five-Year CIP Plan. The following items are meant to illustrate changes in the financial summary from prior periods:

- At this point in time, we incorporated significant increases to the Utilities wages in anticipation of implementing a staffing and realignment strategy in 2021.
- The following inflationary amounts were used where appropriate:
  - Electric O&M – 2.50%
  - Electric PILOT – (0.25%)
  - Water O&M – 1.50%
  - Water PILOT – (0.25%)
  - Wastewater O&M – 1.25%
- The proposed 2021 budget reflects a proposed 3% increase in water rates with an estimated implementation date of April 1, 2021.
  - The adjustment will result in an increase of approximately $.75 to the average water residential customer's monthly bill assuming 3,000 gallons per month.
- The proposed 2021 budget does not reflect any increases in wastewater rates.
- The proposed 2021 budget does not reflect any increase in electric rates.
- The Water Utility is anticipating the replacement of 700+ lead water services in 2021 at a potential cost to rate payers of $3.1 million. The scope of this project is still being determined and is considered fluid at this point in time.

The Stoughton Utilities Proposed 2021 Budget and Five-Year CIP is provided for approval and recommendation to the City of Stoughton Common Council. It will be presented at the October 22, 2020 Common Council workshop, and is scheduled for Common Council adoption on November 10, 2020.

STOUGHTON UTILITIES

Proposed Annual Budget for the Year
2021

FOR THE FISCAL YEAR
JANUARY 1, 2021 THROUGH
DECEMBER 31, 2021
Jamin Friedl, CPA

Stoughton Utilities
2021 Proposed Budget Summary

accounting shared/budget/

	Electric	Water	Wastewater	Total
OPERATING REVENUES	$ 15,010,489	$ 2,387,987	$ 2,211,053	$ 19,609,529
OPERATING EXPENSES				
Operation & Maintenance Expense	$ 13,096,048	$ 1,091,845	$ 1,130,546	$ 15,318,439
Taxes (PILOT)	$ 476,318	$ 459,813	$ -	$ 936,131
Depreciation	$ 1,114,995	$ 415,216	$ 899,166	$ 2,429,377
Total Operating Expenses	$ 14,687,361	$ 1,966,874	$ 2,029,712	$ 18,683,947
OPERATING INCOME	**$ 323,128**	**$ 421,113**	**$ 181,341**	**$ 925,582**
RATE OF RETURN (ROR)	**2.00%**	**3.27%**		

STOUGHTON ELECTRIC UTILITY 10/14/2020 13:30

OPERATING REVENUES AND EXPENSES

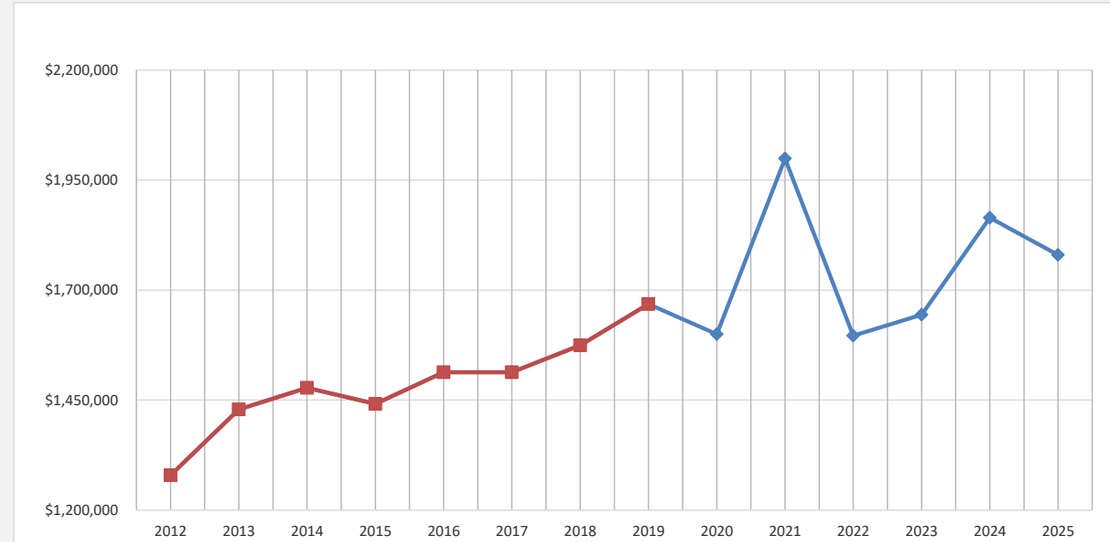
FORECASTED FOR THE YEAR 2021

OPERATING REVENUES **Sales**	Proposed 2021	% Change 2021/2020	Estimated 2020	Actual 2019	Actual 2018	Actual 2017
Residential	$ 7,438,154	2.6%	$ 7,246,853	$ 7,292,072	$ 7,661,302	$ 7,579,894
General Service	$ 1,893,699	3.1%	$ 1,835,947	$ 1,857,094	$ 1,836,320	$ 1,881,879
Small Power CP1 Customers	$ 1,624,747	3.5%	$ 1,569,705	$ 1,581,750	$ 1,650,121	$ 1,628,053
Large Power CP2 Customers	$ 1,006,092	3.5%	$ 972,102	$ 963,312	$ 1,072,894	$ 1,122,227
Industrial Power CP3 Customers	$ 2,771,486	3.9%	$ 2,666,579	$ 2,668,331	$ 2,661,544	$ 2,770,652
Street Lighting	$ 131,311	10.8%	$ 118,521	$ 106,614	$ 113,848	$ 123,881
Total Sales	$ 14,865,489	3.2%	$ 14,409,707	$ 14,469,173	$ 14,996,029	$ 15,106,586
Other Operating Revenues						
Forfeited Discounts (Penalties, NSF, Reconnect)	$ 31,481	3.2%	$ 30,516	$ 30,642	$ 32,444	$ 32,924
Other (Permits, ATC Common Facilities, etc.)	$ 113,519	-0.8%	$ 114,484	$ 124,757	$ 107,557	$ 110,113
Total Other Operating Revenues	$ 145,000		$ 145,000	$ 155,399	$ 140,001	$ 143,037
Total Operating Revenues	$ 15,010,489		$ 14,554,707	$ 14,624,572	$ 15,136,030	$ 15,249,623
OPERATING EXPENSES						
Power Production Expenses (WPPI-Wholesale Power)	$ 10,918,595	2.6%	$ 10,640,043	$ 10,832,755	$ 11,288,599	$ 11,501,767
Transmission/Distribution (Substations, Poles, Lines, etc.)	$ 764,110	14.6%	$ 666,480	$ 720,214	$ 614,409	$ 637,495
Customer Accounting and Collection	$ 304,380	3.0%	$ 295,500	$ 284,840	$ 274,725	$ 259,425
Administrative and General (Salaries, Benefits, Insurance)	$ 909,689	11.9%	$ 813,087	$ 834,880	$ 861,890	$ 789,731
2021 Add'l Pay Adjustments/Strategic Planning	$ 199,274					
Depreciation	$ 1,114,995	4.0%	$ 1,072,558	$ 1,044,044	$ 964,067	$ 881,530
PILOT	$ 476,318	3.9%	$ 458,258	$ 452,940	$ 432,589	$ 394,626
Total Operating Expenses	$ 14,687,361		$ 13,945,926	$ 14,169,673	$ 14,436,279	$ 14,464,574
REGULATORY OPERATING INCOME (LOSS)	$ 323,128		$ 608,781	$ 454,899	$ 699,751	$ 785,049
ROR	2.00%		3.81%	2.87%	4.99%	6.46%

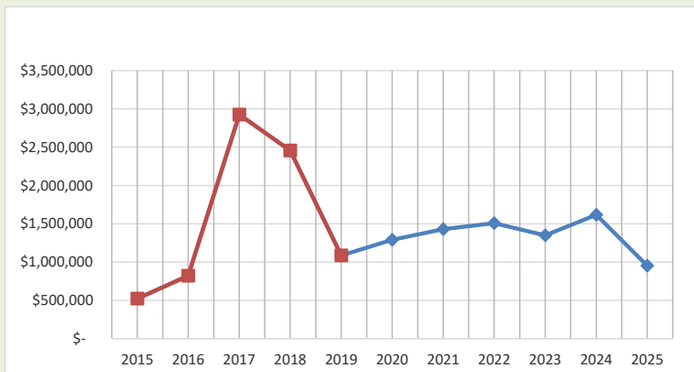
ELECTRIC

		O&M	$ Change from Prior Year	% Change from Prior Year	
ACTUAL	2008	$ 1,340,925			
	2009	$ 1,361,451	$ 20,526	1.53%	
	2010	$ 1,372,746	$ 11,295	0.83%	
	2011	$ 1,399,875	$ 27,129	1.98%	
	2012	$ 1,279,340	$ (120,535)	-8.61%	
	2013	$ 1,429,003	$ 149,663	11.70%	
	2014	$ 1,478,092	$ 49,089	3.44%	
	2015	$ 1,441,526	$ (36,566)	-2.47%	
	2016	$ 1,513,462	$ 71,936	4.99%	
	2017	$ 1,513,434	$ (28)	0.00%	
	2018	$ 1,574,655	$ 61,221	4.05%	
	2019	$ 1,668,241	$ 93,586	5.94%	
FORECASTED	2020	$ 1,599,940	$ (68,301)	-4.09%	*Decrease due to $104,000 in 2019 tree trimming*
	2021	$ 1,998,824	$ 398,884	24.93%	*$175K Tree Trimming; Admin Building Blacktop; $169K in add'l wage increases/strategic planning*
	2022	$ 1,596,508	$ (402,316)	-20.13%	
	2023	$ 1,644,218	$ 47,710	2.99%	
	2024	$ 1,864,708	$ 220,490	13.41%	*$175K Tree Trimming*
	2025	$ 1,779,951	$ (84,757)	-4.55%	*$29,900 Substation Maint.; $24,600 System Study*

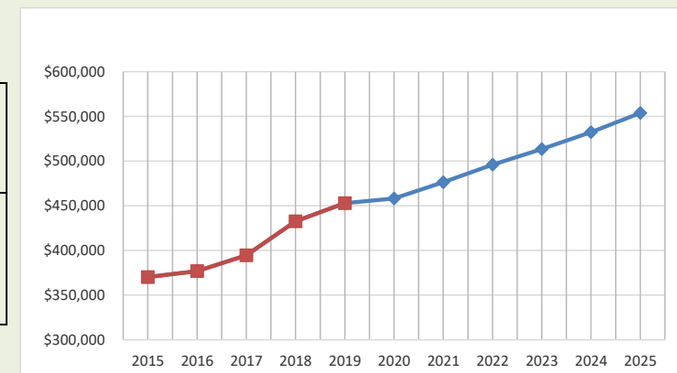
Annual inflation over last five years	1.17%	*Not including 2019 tree trimming costs*
Annual inflation over last ten years	1.49%	*Not including 2019 tree trimming costs*
Estimated annual inflation from 2019 to 2024	2.15%	*Not including 2019 tree trimming costs*



		Capital Expenditures
ACTUAL	2015	$ 521,946
	2016	$ 822,127
	2017	$ 2,924,828
	2018	$ 2,455,183
	2019	$ 1,086,868
FORECASTED	2020	$ 1,290,241
	2021	$ 1,430,876
	2022	$ 1,506,386
	2023	$ 1,348,654
	2024	$ 1,617,018
	2025	$ 951,289

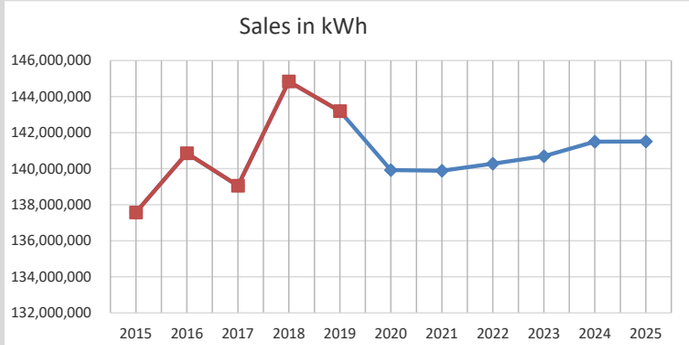


		PILOT
ACTUAL	2015	$ 370,260
	2016	$ 376,785
	2017	$ 394,626
	2018	$ 432,589
	2019	$ 452,940
FORECASTED	2020	$ 458,258
	2021	$ 476,318
	2022	$ 496,021
	2023	$ 513,417
	2024	$ 532,370
	2025	$ 553,750

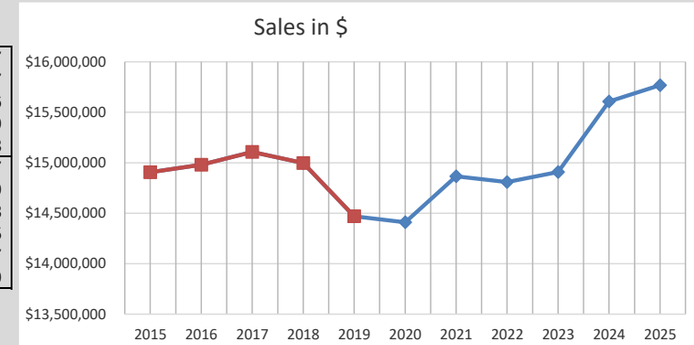


		Sales in kWh
ACTUAL	2015	137,577,981
	2016	140,856,210
	2017	139,053,623
	2018	144,838,065
	2019	143,198,603
FORECASTED	2020	139,924,041
	2021	139,881,136
	2022	140,273,761
	2023	140,689,039
	2024	141,495,051
	2025	141,507,321

Through 9/30/20 -3.11%



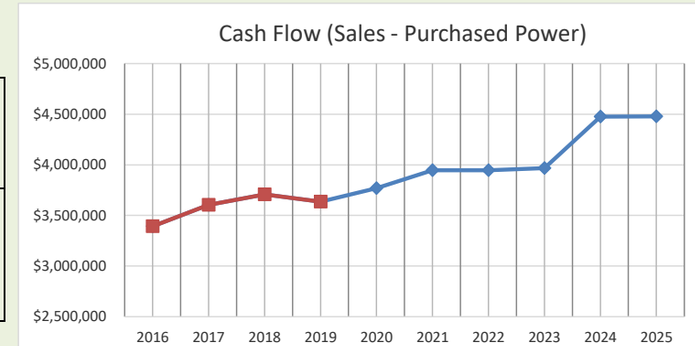
		Sales in $
ACTUAL	2015	$ 14,906,357
	2016	$ 14,980,937
	2017	$ 15,106,586
	2018	$ 14,996,029
	2019	$ 14,469,173
FORECASTED	2020	$ 14,409,707
	2021	$ 14,865,489
	2022	$ 14,809,298
	2023	$ 14,908,725
	2024	$ 15,607,347
	2025	$ 15,768,179

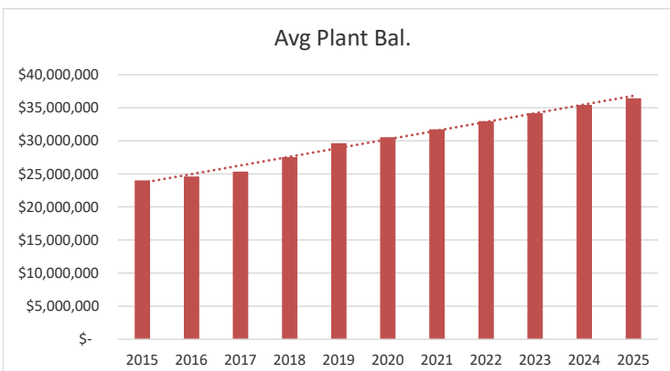


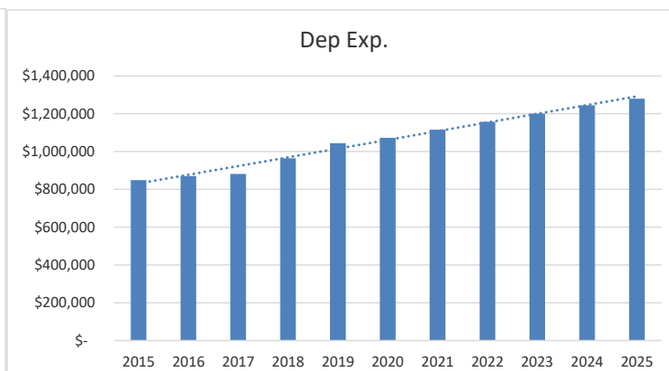
UTILITY FINANCED PLANT

	Avg Plant Bal.	Dep Exp.	Composite Dep. Rate
2015	$ 24,018,074	$ 848,328	3.53%
2016	$ 24,611,779	$ 869,843	3.53%
2017	$ 25,356,009	$ 881,531	3.48%
2018	$ 27,556,378	$ 963,967	3.50%
2019	$ 29,652,774	$ 1,044,044	3.52%
2020	$ 30,536,364	$ 1,072,558	3.51%
2021	$ 31,744,573	$ 1,114,995	3.51%
2022	$ 32,958,632	$ 1,157,637	3.51%
2023	$ 34,157,265	$ 1,199,738	3.51%
2024	$ 35,425,086	$ 1,244,269	3.51%
2025	$ 36,438,434	$ 1,279,862	3.51%

		Cash Flow (Sales - PP)
ACTUAL	2015	$ 3,249,685
	2016	$ 3,392,798
	2017	$ 3,604,819
	2018	$ 3,707,430
	2019	$ 3,636,418
FORECASTED	2020	$ 3,769,663
	2021	$ 3,946,894
	2022	$ 3,946,751
	2023	$ 3,968,354
	2024	$ 4,475,320
	2025	$ 4,478,508







ELECTRIC

	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
OPERATING REVENUES										
Sales of electricity	$ 14,980,937	$ 15,106,586	$ 14,996,029	$ 14,469,173	$ 14,409,707	$ 14,865,489	$ 14,809,298	$ 14,908,725	$ 15,607,347	$ 15,768,179
Other	135,267	143,037	140,001	155,399	145,000	145,000	145,000	145,000	145,000	145,000
Total Operating Revenues	$ 15,116,204	$ 15,249,623	$ 15,136,030	$ 14,624,572	$ 14,554,707	$ 15,010,489	$ 14,954,298	$ 15,053,725	$ 15,752,347	$ 15,913,179
					-0.41%	3.16%	-0.38%	0.67%	4.69%	1.03%
OPERATING EXPENSES										
Purchased power	$ 11,588,139	$ 11,501,767	$ 11,288,599	$ 10,832,755	$ 10,640,043	$ 10,918,595	$ 10,862,547	$ 10,940,371	$ 11,132,027	$ 11,289,671
Operation and maintenance	1,513,462	1,513,433	1,574,655	1,668,241	1,599,940	1,998,824	1,596,508	1,644,218	1,864,708	1,779,951
Taxes	170,684	173,217	176,369	171,693	175,127	178,629	182,202	185,846	189,563	193,354
Depreciation (Utility Financed)	869,843	881,531	964,067	1,044,044	1,072,558	1,114,995	1,157,637	1,199,738	1,244,269	1,279,862
PILOT	376,785	394,626	432,589	452,940	458,258	476,318	496,021	513,417	532,370	553,750
Total Operating Expenses	$ 14,518,913	$ 14,464,574	$ 14,436,279	$ 14,169,673	$ 13,945,926	$ 14,687,361	$ 14,294,914	$ 14,483,590	$ 14,962,937	$ 15,096,588
			-1.17%	-3.95%	-4.85%	5.53%	-3.55%	1.01%	3.28%	0.56%
SALES TO PURCHASED POWER MARGIN - W/ INCREASE	**29.28%**	**31.34%**	**32.84%**	**33.57%**	**35.43%**	**36.15%**	**36.33%**	**36.27%**	**40.20%**	**39.67%**
REGULATORY OPERATING INCOME	**$ 597,291**	**$ 785,049**	**$ 699,751**	**$ 454,899**	**$ 608,781**	**$ 323,128**	**$ 659,384**	**$ 570,135**	**$ 789,410**	**$ 816,591**
AVERAGE NET RATE BASE	$ 12,074,572	$ 12,158,175	$ 14,014,445	$ 15,854,822	$ 15,963,429	$ 16,160,032	$ 16,422,167	$ 16,600,447	$ 16,778,881	$ 16,612,376
RATE OF RETURN (Allowed - 4.90%)	**4.95%**	**6.46%**	**4.99%**	**2.87%**	**3.81%**	**2.00%**	**4.02%**	**3.43%**	**4.70%**	**4.92%**

OPERATING CASH FLOWS	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**
Sales of Electricity	$ 15,102,332	$ 15,265,754	$ 15,222,634	$ 14,697,605	$ 14,409,707	$ 14,865,489	$ 14,809,298	$ 14,908,725	$ 15,607,347	$ 15,768,179
Routine operating expenditures	(13,076,112)	(13,114,417)	(12,961,804)	(12,496,691)	(12,239,983)	(12,917,419)	(12,459,055)	(12,584,589)	(12,996,735)	(13,069,622)
Taxes (Including PILOT)	(540,944)	(550,002)	(570,995)	(604,282)	(628,067)	(636,887)	(658,520)	(681,867)	(702,980)	(725,724)
Miscellaneous income	(21,213)	(12,698)	(27,975)	(27,902)	145,000	145,000	145,000	145,000	145,000	145,000
Total Operating Cash Flows	$ 1,464,063	$ 1,588,637	$ 1,661,860	$ 1,568,730	$ 1,686,656	$ 1,456,183	$ 1,836,723	$ 1,787,269	$ 2,052,632	$ 2,117,832
CAPITAL AND FINANCING CASH FLOWS										
Acquisition of capital assets	$ (822,127)	$ (2,924,828)	$ (2,455,183)	$ (1,086,868)	$ (1,290,241)	$ (1,430,876)	$ (1,506,386)	$ (1,348,654)	$ (1,617,018)	$ (951,289)
Principal paid	(2,231,474)	(610,000)	(610,000)	(620,000)	(660,000)	(670,000)	(685,000)	(690,000)	(110,000)	(115,000)
Interest paid	(112,620)	(166,122)	(122,707)	(110,153)	(96,513)	(82,813)	(68,438)	(53,856)	(45,450)	(43,200)
Debt proceeds	4,005,000	-	-	-	-	-	-	-	-	-
Advance to municipality	49,500	50,490	51,499	52,529	53,580	54,652	55,745	56,860	48,988	6,109
	$ 888,279	$ (3,650,460)	$ (3,136,391)	$ (1,764,492)	$ (1,993,174)	$ (2,129,037)	$ (2,204,079)	$ (2,035,650)	$ (1,723,480)	$ (1,103,380)
INVESTING ACTIVITIES CASH FLOWS										
Investment income	$ 30,632	$ 339,760	$ 255,199	$ 962,166	$ 17,684	$ 16,762	$ 15,686	$ 14,842	$ 14,917	$ 16,611
Net Change in Cash	$ 2,382,974	$ (1,722,063)	$ (1,219,332)	$ 766,404	$ (288,834)	$ (656,092)	$ (351,670)	$ (233,539)	$ 344,069	$ 1,031,063
ENDING CASH BALANCE	**$ 10,633,116**	**$ 8,651,335**	**$ 7,248,376**	**$ 7,211,414**	**$ 6,922,580**	**$ 6,266,488**	**$ 5,914,819**	**$ 5,681,280**	**$ 6,025,349**	**$ 7,056,412**
UNRESTRICTED CASH BALANCE	**$ 7,460,355**	**$ 7,297,390**	**$ 6,131,838**	**$ 6,057,312**	**$ 5,911,881**	**$ 5,248,089**	**$ 4,896,306**	**$ 5,401,667**	**$ 5,742,536**	**$ 6,774,174**
UNRESTRICTED MONTHS ON HAND	**5.98**	**5.80**	**4.91**	**5.02**	**4.92**	**4.24**	**3.97**	**4.35**	**4.42**	**5.16**
RATE INCREASE NEEDED					**0.00%**	**0.00%**	**0.00%**	**0.00%**	**3.25%**	**0.00%**
DEBT ISSUE NEEDED					**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

ELECTRIC

DEBT COVERAGE	2020	2021	2022	2023	2024	2025
Operating revenues	$ 14,554,707	$ 15,010,489	$ 14,954,298	$ 15,053,725	$ 15,752,347	$ 15,913,179
PILOT	(458,258)	(476,318)	(496,021)	(513,417)	(532,370)	(553,750)
O & M expenses	(12,415,110)	(13,096,048)	(12,641,257)	(12,770,435)	(13,186,298)	(13,262,976)
Net defined earnings	$ 1,681,338	$ 1,438,122	$ 1,817,021	$ 1,769,873	$ 2,033,679	$ 2,096,452
Highest annual debt service	$ 753,438	$ 753,438	$ 743,856	$ 160,475	$ 160,475	$ 160,475
Coverage factor	1.30	1.30	1.30	1.30	1.30	1.30
Minimum required earnings	$ 979,469	$ 979,469	$ 967,013	$ 208,618	$ 208,618	$ 208,618
ACTUAL DEBT COVERAGE	**2.23**	**1.91**	**2.44**	**11.03**	**12.67**	**13.06**

STOUGHTON WATER UTILITY
OPERATING REVENUES AND EXPENSES
FORECASTED FOR THE YEAR 2021

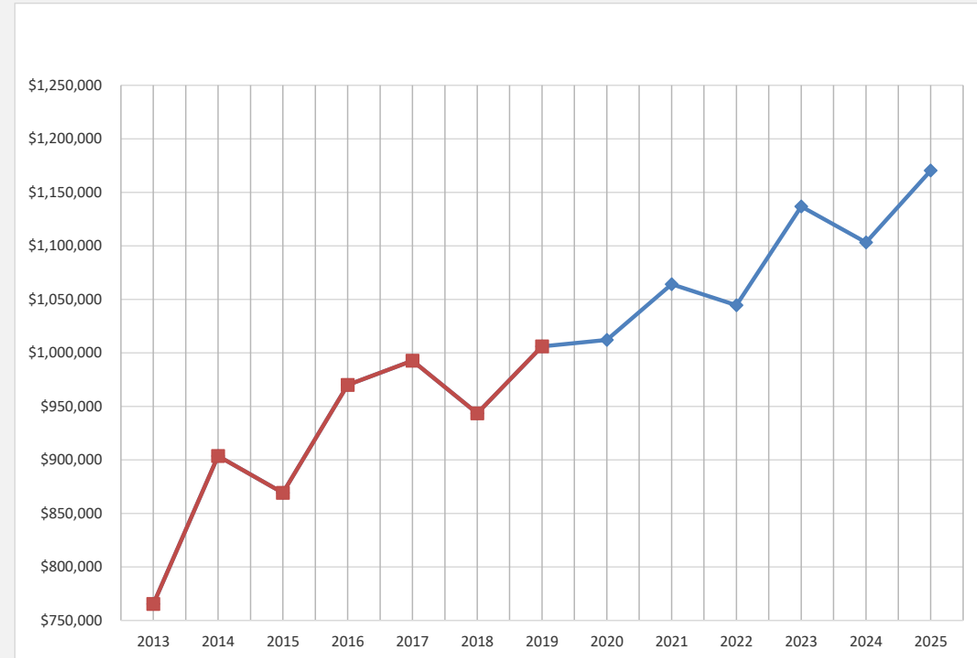
10/14/2020 13:30

OPERATING REVENUES	Proposed	% Change	Estimated	Actual	Actual	Actual
Sales	2021	2021/2020	2020	2019	2018	2017
Residential	$ 1,077,146	3.0%	$ 1,045,462	$ 1,048,932	$ 932,753	$ 899,423
Multi-family Residential	$ 113,894	3.1%	$ 110,448	$ 111,132	$ 83,239	$ 74,247
Commercial	$ 170,012	3.1%	$ 164,907	$ 165,042	$ 176,296	$ 170,380
Industrial	$ 326,601	3.0%	$ 316,965	$ 318,340	$ 283,369	$ 301,957
Public Authority (City Buildings)	$ 24,728	3.0%	$ 24,002	$ 25,510	$ 21,093	$ 19,310
Private Fire Protection	$ 57,264	3.0%	$ 55,596	$ 55,087	$ 46,711	$ 43,901
Public Fire Protection	$ 573,342	3.2%	$ 555,434	$ 551,749	$ 530,529	$ 520,495
Total Sales	$ 2,342,987		$ 2,272,814	$ 2,275,792	$ 2,073,990	$ 2,029,713
Other Operating Revenues						
Forfeited Discounts (Penalties, NSF, Reconnect)	$ 7,126	3.1%	$ 6,913	$ 6,922	$ 6,597	$ 6,420
Other (Joint Metering Allocation, Permits)	$ 37,874	-0.6%	$ 38,087	$ 33,803	$ 40,514	$ 35,096
Total Other Operating Revenues	$ 45,000		$ 45,000	$ 40,725	$ 47,111	$ 41,516
Total Operating Revenues	$ 2,387,987		$ 2,317,814	$ 2,316,517	$ 2,121,101	$ 2,071,229
OPERATING EXPENSES						
Source of Supply (Maintenance of Wells)	$ 142	1.4%	$ 140	$ 133	$ 138	$ 138
Pumping (Well Pumps and Fuel)	$ 160,143	14.7%	$ 139,580	$ 154,056	$ 171,522	$ 196,642
Water Treatment (Chemicals)	$ 86,164	1.5%	$ 84,890	$ 88,293	$ 90,237	$ 73,359
Transmission/Distribution (Mains,Towers,Services,Hydrants)	$ 300,391	5.0%	$ 286,099	$ 271,429	$ 238,718	$ 270,140
Customer Accounting and Collection	$ 105,986	1.5%	$ 104,420	$ 105,765	$ 104,041	$ 108,268
Administrative and General (Salaries, Benefits, Insurance)	$ 425,669	0.3%	$ 424,222	$ 413,163	$ 361,165	$ 366,310
2021 Add'l Pay Adjustments/Strategic Planning	$ 13,350					
Depreciation	$ 415,216	11.3%	$ 373,142	$ 351,993	$ 330,652	$ 315,908
PILOT	$ 459,813	3.2%	$ 445,620	$ 431,034	$ 423,351	$ 420,305
Total Operating Expenses	$ 1,966,874		$ 1,858,113	$ 1,815,866	$ 1,719,824	$ 1,751,070
REGULATORY OPERATING INCOME (LOSS)	$ 421,113		$ 459,701	$ 500,651	$ 401,277	$ 320,159
ROR	3.27%		4.06%	4.65%	3.91%	3.23%

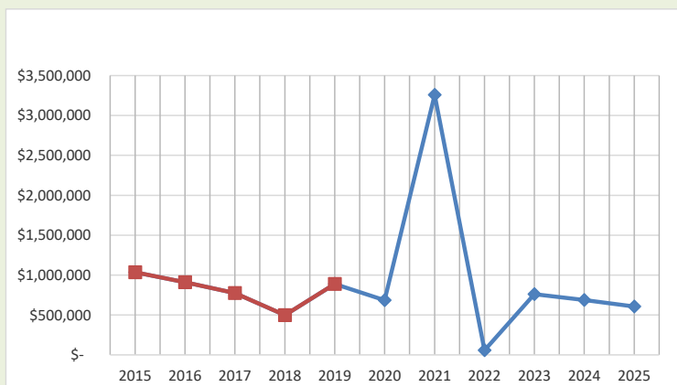
WATER

		O&M	$ Change from Prior Year	% Change from Prior Year	
ACTUAL	2008	$ 737,856			
	2009	$ 694,227	$ (43,629)	-5.91%	
	2010	$ 710,376	$ 16,149	2.33%	
	2011	$ 772,586	$ 62,210	8.76%	
	2012	$ 731,538	$ (41,048)	-5.31%	
	2013	$ 765,381	$ 33,843	4.63%	
	2014	$ 903,595	$ 138,214	18.06%	
	2015	$ 869,159	$ (34,436)	-3.81%	
	2016	$ 969,933	$ 100,774	11.59%	
	2017	$ 992,653	$ 22,720	2.34%	
	2018	$ 943,589	$ (49,064)	-4.94%	
	2019	$ 1,006,142	$ 62,553	6.63%	
FORECASTED	2020	$ 1,012,070	$ 5,928	0.59%	
	2021	$ 1,064,080	$ 52,010	5.14%	*$10,000 Resorvoir Drain and Inspection; $9,000 Succession Planning; Admin Building Blacktop; $55K in add'l wage increases/strategic planning*
	2022	$ 1,044,447	$ (19,633)	-1.85%	
	2023	$ 1,136,742	$ 92,295	8.84%	*$50,000 Well 4 and 6 Rehab; $15,000 Water System Model Update*
	2024	$ 1,103,289	$ (33,453)	-2.94%	*$25,000 Well 5 Rehab; $6,000 Large Meter Testing*
	2025	$ 1,170,333	$ 67,044	6.08%	*$25,000 Well 7 Rehab; $25,000 Service Area Plan; $31,500 Water System Model*

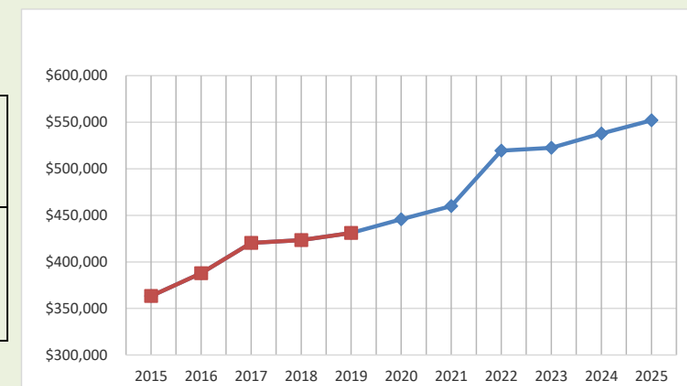
Annual % inflation from 2015 to 2019	1.17%
Annual % inflation from 2010 to 2019	2.48%
Estimated annual inflation from 2020 to 2025	1.36%



		Capital Expenditures
ACTUAL	2015	$ 1,035,382
	2016	$ 911,032
	2017	$ 774,325
	2018	$ 498,588
	2019	$ 889,708
FORECASTED	2020	$ 683,600
	2021	$ 3,258,070
	2022	$ 56,700
	2023	$ 761,928
	2024	$ 687,700
	2025	$ 605,280

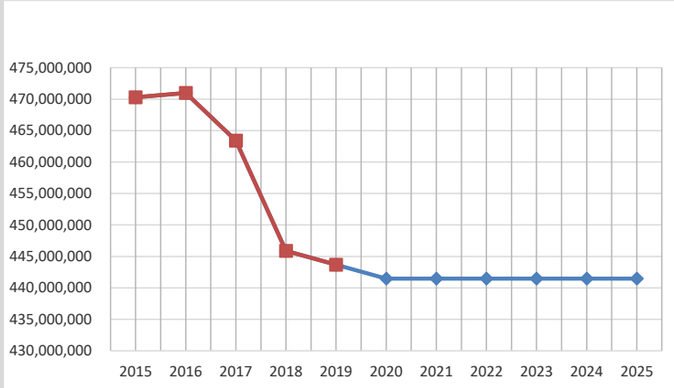


		PILOT
ACTUAL	2015	$ 363,249
	2016	$ 387,855
	2017	$ 420,305
	2018	$ 423,351
	2019	$ 431,034
FORECASTED	2020	$ 445,620
	2021	$ 459,813
	2022	$ 519,387
	2023	$ 522,413
	2024	$ 537,890
	2025	$ 551,982

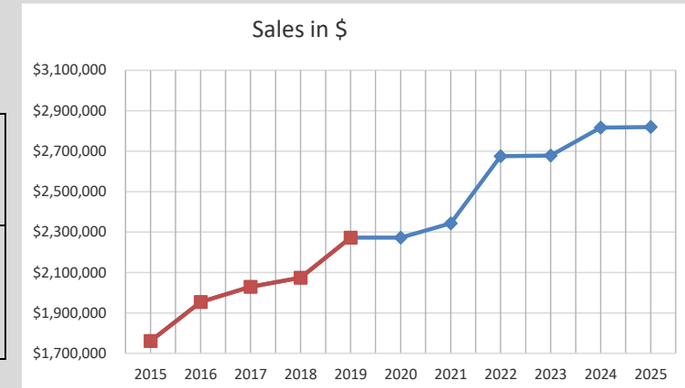


		Sales in Gallons
ACTUAL	2015	470,300,000
	2016	470,982,000
	2017	463,406,000
	2018	445,868,000
	2019	443,695,000
FORECASTED	2020	441,473,000
	2021	441,473,000
	2022	441,473,000
	2023	441,473,000
	2024	441,473,000
	2025	441,473,000

Through 9/30/20 -0.90%

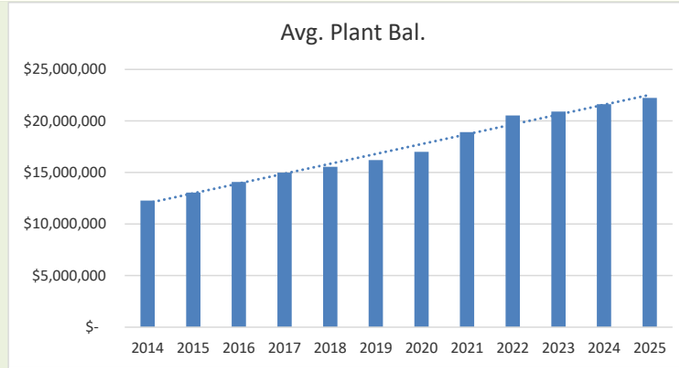


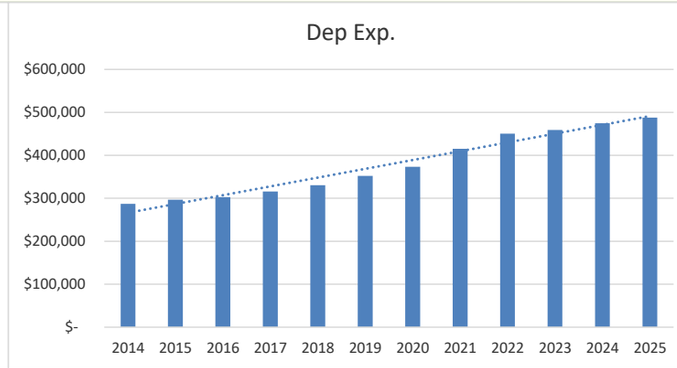
		Sales in $
ACTUAL	2015	$ 1,761,033
	2016	$ 1,953,826
	2017	$ 2,029,711
	2018	$ 2,073,990
	2019	$ 2,272,390
FORECASTED	2020	$ 2,272,814
	2021	$ 2,342,987
	2022	$ 2,675,168
	2023	$ 2,677,976
	2024	$ 2,816,343
	2025	$ 2,819,292



UTILITY FINANCED PLANT

	Avg. Plant Bal.	Dep Exp.	Composite Dep. Rate
2014	$ 12,270,420	$ 286,929	2.3%
2015	$ 13,054,336	$ 296,895	2.3%
2016	$ 14,076,870	$ 302,956	2.2%
2017	$ 14,982,697	$ 315,908	2.1%
2018	$ 15,556,237	$ 330,652	2.1%
2019	$ 16,209,867	$ 351,993	2.2%
2020	$ 16,998,853	$ 373,142	2.2%
2021	$ 18,915,566	$ 415,216	2.2%
2022	$ 20,525,751	$ 450,561	2.2%
2023	$ 20,915,692	$ 459,120	2.2%
2024	$ 21,617,759	$ 474,531	2.2%
2025	$ 22,230,571	$ 487,983	2.2%





WATER - 2021 LSL REPLACEMENT

	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
OPERATING REVENUES										
Sales of water	$ 1,416,545	$ 1,465,315	$ 1,496,750	$ 1,665,554	$ 1,661,784	$ 1,712,381	$ 1,954,765	$ 1,956,287	$ 2,057,006	$ 2,058,604
Public Fire Protection	498,439	520,495	530,529	551,749	555,434	573,342	655,121	656,407	690,787	692,138
Private Fire Protection	38,842	43,901	46,711	55,087	55,596	57,264	65,282	65,282	68,550	68,550
Other	47,298	41,518	47,111	44,127	45,000	45,000	45,000	45,000	45,000	45,000
Total Operating Revenues	$ 2,001,124	$ 2,071,229	$ 2,121,101	$ 2,316,517	$ 2,317,814	$ 2,387,987	$ 2,720,168	$ 2,722,976	$ 2,861,343	$ 2,864,292
					0.02%	3.09%	14.18%	0.10%	5.17%	0.10%
OPERATING EXPENSES										
Operation and maintenance	$ 969,933	$ 992,653	$ 943,589	$ 1,006,142	$ 1,012,070	$ 1,064,080	$ 1,044,447	$ 1,136,742	$ 1,103,289	$ 1,170,333
Taxes	22,271	22,204	22,232	26,697	27,282	27,766	28,272	28,798	29,500	30,223
Depreciation (Utility Financed)	302,978	315,908	330,652	351,993	373,142	415,216	450,561	459,120	474,531	487,983
PILOT	387,855	420,305	423,351	431,034	445,620	459,813	519,387	522,413	537,890	551,982
Total Operating Expenses	$ 1,683,037	$ 1,751,070	$ 1,719,824	$ 1,815,866	$ 1,858,114	$ 1,966,874	$ 2,042,666	$ 2,147,073	$ 2,145,211	$ 2,240,521
		2.34%	-4.94%	6.63%	7.26%	5.14%	-1.85%	8.84%	-2.94%	6.08%
REGULATORY OPERATING INCOME	**$ 318,087**	**$ 320,159**	**$ 401,277**	**$ 500,651**	**$ 459,701**	**$ 421,113**	**$ 677,502**	**$ 575,904**	**$ 716,132**	**$ 623,771**
AVERAGE NET RATE BASE	$ 9,201,577	$ 9,904,869	$ 10,271,417	$ 10,772,825	$ 11,320,440	$ 12,892,350	$ 14,113,407	$ 14,063,313	$ 14,316,104	$ 14,458,396
RATE OF RETURN (Allowed - 5.00%)	**3.46%**	**3.23%**	**3.91%**	**4.65%**	**4.06%**	**3.27%**	**4.80%**	**4.10%**	**5.00%**	**4.31%**
OPERATING CASH FLOWS	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**
Sales of water	$ 1,953,428	$ 2,036,464	$ 2,083,445	$ 2,293,667	$ 2,272,814	$ 2,342,987	$ 2,675,168	$ 2,677,976	$ 2,816,343	$ 2,819,292
Routine operating expenditures	(980,187)	(1,031,439)	(1,030,058)	(990,609)	(1,012,070)	(1,064,080)	(1,044,447)	(1,136,742)	(1,103,289)	(1,170,333)
Transfers and taxes	(359,016)	(391,598)	(426,565)	(423,351)	(458,317)	(473,386)	(488,085)	(548,184)	(551,913)	(568,113)
Miscellaneous income	47,298	41,518	47,111	44,127	45,000	45,000	45,000	45,000	45,000	45,000
Total Operating Cash Flows	$ 661,523	$ 654,945	$ 673,933	$ 923,834	$ 847,428	$ 850,521	$ 1,187,637	$ 1,038,050	$ 1,206,141	$ 1,125,847
CAPITAL AND FINANCING CASH FLOWS										
Acquisition of capital assets	$ (911,032)	$ (774,325)	$ (498,588)	$ (844,708)	$ (683,600)	$ (3,258,070)	$ (56,700)	$ (761,928)	$ (687,700)	$ (605,280)
Principal paid	(1,399,957)	(373,677)	(369,415)	(365,174)	(490,952)	(486,751)	(571,116)	(598,770)	(426,481)	(437,253)
Interest paid	(88,323)	(56,726)	(52,040)	(47,010)	(86,524)	(101,213)	(112,926)	(101,151)	(90,164)	(79,740)
Debt proceeds	2,520,000	-	-	1,818,218	-	2,200,000	-	-	-	-
Special assessments	-	65,134	236,757	38,314	37,153	35,992	34,831	33,670	32,509	31,348
	$ 120,688	$ (1,139,594)	$ (683,286)	$ 599,640	$ (1,223,923)	$ (1,610,042)	$ (705,910)	$ (1,428,178)	$ (1,171,836)	$ (1,090,925)
INVESTING ACTIVITIES CASH FLOWS										
Investment income	$ 37,294	$ 38,866	$ 29,319	$ 38,880	$ 6,400	$ 5,040	$ 4,691	$ 4,706	$ 4,159	$ 4,151
Net Change in Cash	$ 819,505	$ (445,783)	$ 19,966	$ 1,562,354	$ (370,095)	$ (754,481)	$ 486,417	$ (385,422)	$ 38,465	$ 39,072
PRELIMINARY ENDING CASH BALANCE	$ 1,588,175	$ 1,110,284	$ 1,110,651	$ 2,664,194	$ 2,371,290	$ 1,616,809	$ 2,103,226	$ 1,717,804	$ 1,756,269	$ 1,795,341
ENDING ACCOUNTS RECEIVABLE/PAYABLE				$ 122,191	$ -	$ -	$ -	$ -	$ -	$ -
REMAINING CONSTRUCTION CONTRACT				$ (45,000)	$ -	$ -	$ -	$ -	$ -	$ -
RECOMMENDED REDUCTION					**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
ENDING CASH BALANCE	**$ 1,588,175**	**$ 1,110,284**	**$ 1,110,651**	**$ 2,741,385**	**$ 2,371,290**	**$ 1,616,809**	**$ 2,103,226**	**$ 1,717,804**	**$ 1,756,269**	**$ 1,795,341**
RESTRICTED CASH BALANCE	**$ 846,941**	**$ 631,311**	**$ 572,417**	**$ 1,472,684**	**$ 782,734**	**$ 823,028**	**$ 842,026**	**$ 387,581**	**$ 733,717**	**$ 743,030**
UNRESTRICTED CASH BALANCE	**$ 741,234**	**$ 478,973**	**$ 538,234**	**$ 1,268,701**	**$ 1,588,556**	**$ 793,781**	**$ 1,261,201**	**$ 1,330,223**	**$ 1,022,551**	**$ 1,052,311**
UNRESTRICTED MONTHS ON HAND	**4.55**	**2.83**	**3.11**	**6.70**	**8.39**	**4.07**	**5.66**	**5.96**	**4.36**	**4.48**
RATE INCREASE NEEDED					**0.00%**	**3.00%**	**14.00%**	**0.00%**	**5.00%**	**0.00%**
DEBT ISSUE NEEDED					**$ -**	**$ 2,200,000**	**$ -**	**$ -**	**$ -**	**$ -**

WATER - 2021 LSL REPLACEMENT

DEBT COVERAGE	2020	2021	2022	2023	2024	2025
Operating revenues	$ 2,317,814	$ 2,387,987	$ 2,720,168	$ 2,722,976	$ 2,861,343	$ 2,864,292
O & M expenses	(1,039,352.15)	(1,091,846)	(1,072,719)	(1,165,540)	(1,132,789)	(1,200,556)
Net defined earnings	$ 1,278,462	$ 1,296,141	$ 1,647,450	$ 1,557,437	$ 1,728,554	$ 1,663,736
Annual debt service	$ 509,864	$ 642,950	$ 642,950	$ 462,027	$ 462,027	$ 462,027
Coverage factor	1.30	1.30	1.30	1.30	1.30	1.30
Minimum required earnings	$ 662,823	$ 835,835	$ 835,835	$ 600,635	$ 600,635	$ 600,635
ACTUAL DEBT COVERAGE	**2.51**	**2.02**	**2.56**	**3.37**	**3.74**	**3.60**

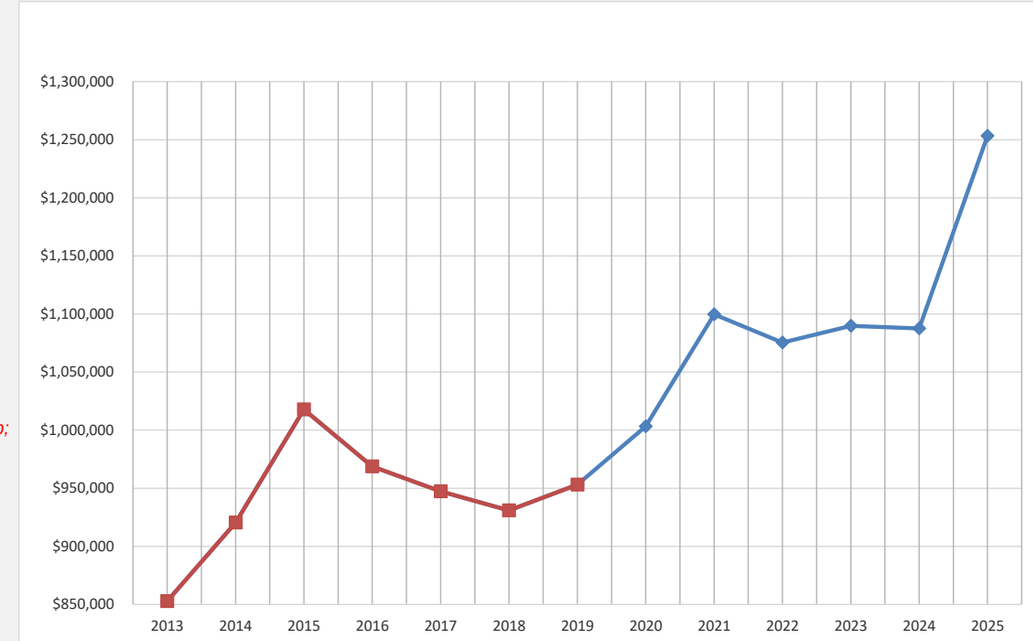
STOUGHTON WASTEWATER UTILITY
OPERATING REVENUES AND EXPENSES 10/14/2020 13:30
FORECASTED FOR THE YEAR 2021

OPERATING REVENUES	Proposed	% Change	Estimated	Actual	Actual	Actual
Sales	2020	2020/2019	2020	2019	2018	2017
Residential	$ 1,485,093	2.41%	$ 1,450,143	$ 1,365,623	$ 1,374,695	$ 1,386,580
Commercial	$ 467,913	2.41%	$ 456,901	$ 430,271	$ 452,154	$ 440,709
Industrial	$ 183,363	2.41%	$ 179,048	$ 168,612	$ 116,712	$ 121,253
Public Authority (City Buildings)	$ 29,184	2.41%	$ 28,497	$ 26,836	$ 27,534	$ 23,866
Total Sales	$ 2,165,553		$ 2,114,589	$ 1,991,342	$ 1,971,095	$ 1,972,408
Other Operating Revenues						
Forfeited Discounts (Penalties, NSF, Reconnect)	$ 4,359	2.41%	$ 4,256	$ 4,008	$ 4,375	$ 4,499
Other (BOD/Suspended Solids Surcharge)	$ 41,141	0.98%	$ 40,744	$ 133,075	$ 80,406	$ 74,406
Total Operating Revenues	$ 2,211,053		$ 2,159,589	$ 2,128,425	$ 2,055,876	$ 2,051,313
OPERATING EXPENSES						
Plant (General WWTP Plant Maintenance)	$ 476,470	5.0%	$ 453,800	$ 399,285	$ 424,317	$ 421,365
Customer Accounting and Collection	$ 146,640	1.2%	$ 144,830	$ 143,046	$ 136,056	$ 146,128
Administrative and General (Salaries, Benefits, Insurance)	$ 469,186	7.9%	$ 434,773	$ 440,425	$ 400,081	$ 409,499
2021 Add'l Pay Adjustments/Strategic Planning	$ 38,250					
Depreciation	$ 899,166	2.1%	$ 880,522	$ 856,914	$ 820,778	$ 811,239
Total Operating Expenses	$ 2,029,712		$ 1,913,925	$ 1,839,670	$ 1,781,232	$ 1,788,231
OPERATING INCOME	$ 181,341		$ 245,664	$ 288,755	$ 274,644	$ 263,082

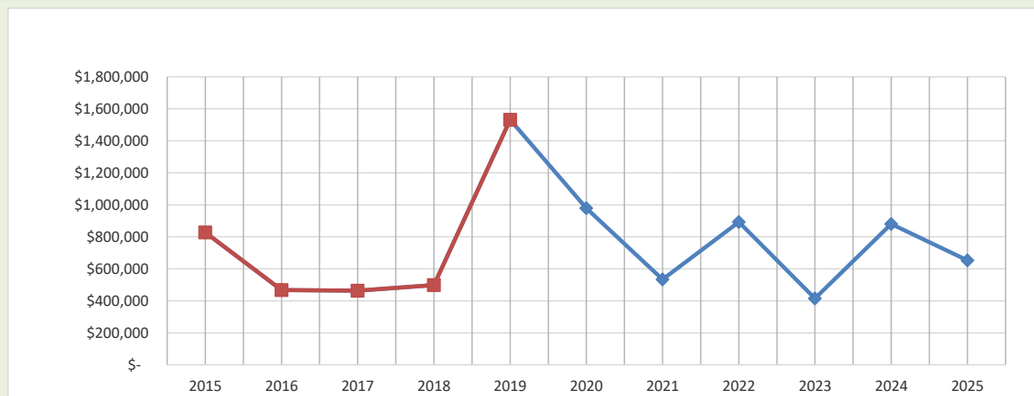
WASTEWATER

		O&M	$ Change from Prior Year	% Change from Prior Year	
ACTUAL	2007	$ 876,213			
	2008	$ 841,128	$ (35,085)	-4.00%	
	2009	$ 895,052	$ 53,924	6.41%	
	2010	$ 877,416	$ (17,636)	-1.97%	
	2011	$ 881,409	$ 3,993	0.46%	
	2012	$ 853,923	$ (27,486)	-3.12%	
	2013	$ 852,874	$ (1,049)	-0.12%	
	2014	$ 920,411	$ 67,537	7.92%	
	2015	$ 1,017,847	$ 97,436	10.59%	
	2016	$ 968,836	$ (49,011)	-4.82%	
	2017	$ 947,317	$ (21,519)	-2.22%	
	2018	$ 930,981	$ (16,336)	-1.72%	
	2019	$ 953,146	$ 22,165	2.38%	
FORECASTED	2020	$ 1,003,200	$ 50,054	5.25%	*$10,000 Increase in Sludge Disposal Costs; 2020 Wage Adjustments*
	2021	$ 1,099,740	$ 96,540	9.62%	*$12,000 Plant Digester Cleaning/Inspection; $5,000 Sludge Transfer Pump Rebuild; Admin Building Blacktop; $36K in add'l wage increases and strategic planning*
	2022	$ 1,075,420	$ (24,320)	-2.21%	
	2023	$ 1,089,780	$ 14,360	1.34%	*$15,000 Digester Cover Painting*
	2024	$ 1,087,575	$ (2,205)	-0.20%	
	2025	$ 1,253,355	$ 165,780	15.24%	*$35,000 System Study; $45,000 Facilities Study; $75,000 WWTP Parking Lot*

Annual % inflation from 2015 to 2019	0.94%
Annual % inflation from 2010 to 2019	0.28%
Estimated annual inflation from 2020 to 2025	2.59%

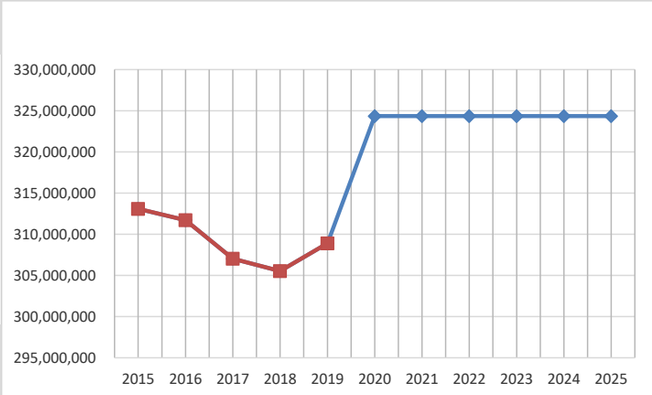


		Capital Expenditures
ACTUAL	2015	$ 827,288
	2016	$ 467,678
	2017	$ 463,630
	2018	$ 498,397
	2019	$ 1,531,517
FORECASTED	2020	$ 979,055
	2021	$ 534,463
	2022	$ 893,000
	2023	$ 414,850
	2024	$ 880,500
	2025	$ 652,975

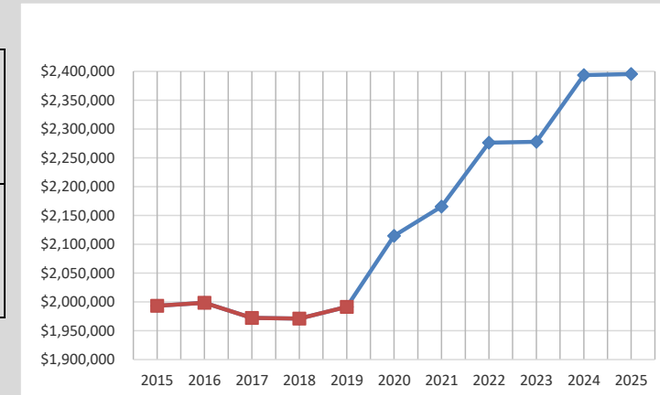


		Sales in Gallons
ACTUAL	2015	313,093,000
	2016	311,726,000
	2017	307,018,000
	2018	305,530,000
	2019	308,908,000
FORECASTED	2020	324,353,400
	2021	324,353,400
	2022	324,353,400
	2023	324,353,400
	2024	324,353,400
	2025	324,353,400

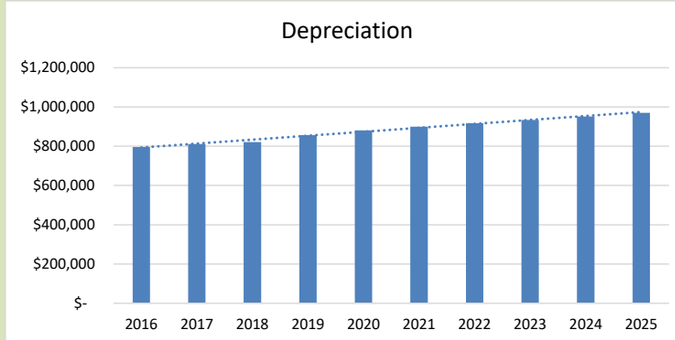
Through 9/30/20 6.58%

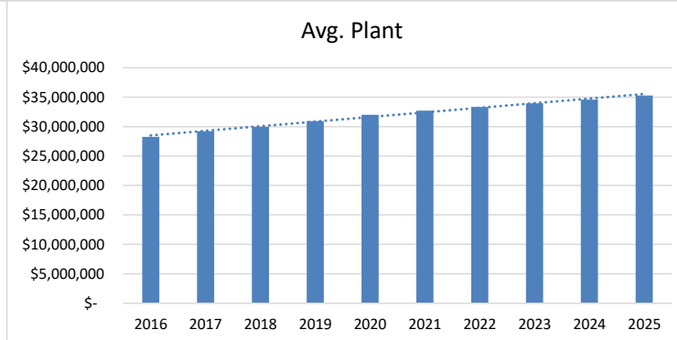


		Sales in $
ACTUAL	2015	$ 1,993,392
	2016	$ 1,998,543
	2017	$ 1,972,408
	2018	$ 1,971,095
	2019	$ 1,991,343
FORECASTED	2020	$ 2,114,589
	2021	$ 2,165,553
	2022	$ 2,276,243
	2023	$ 2,277,734
	2024	$ 2,393,778
	2025	$ 2,395,351



	Composite Dep. Rate
2014	2.87%
2015	2.86%
2016	2.82%
2017	2.78%
2018	2.74%
2019	2.77%
2020	2.75%
2021	2.75%
2022	2.75%
2023	2.75%
2024	2.75%
2025	2.75%





WASTEWATER

OPERATING CASH FLOWS	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Treatment charges	$ 1,990,440	$ 1,962,194	$ 1,972,206	$ 1,978,732	$ 2,114,589	$ 2,165,553	$ 2,276,243	$ 2,277,734	$ 2,393,778	$ 2,395,351
Routine operating expenditures	(931,714)	(989,095)	(960,633)	(1,005,804)	(1,003,200)	(1,099,740)	(1,075,420)	(1,089,780)	(1,087,575)	(1,253,355)
Taxes	(28,955)	(29,675)	(29,473)	(29,610)	(30,202)	(30,806)	(31,422)	(32,051)	(32,692)	(33,346)
Miscellaneous income	37,459	78,905	84,781	137,083	45,000	45,500	46,000	46,500	47,000	47,500
Total Operating Cash Flows	$ 1,067,230	$ 1,022,329	$ 1,066,881	$ 1,080,401	$ 1,126,187	$ 1,080,507	$ 1,215,401	$ 1,202,403	$ 1,320,511	$ 1,156,150
CAPITAL AND FINANCING CASH FLOWS										
Acquisition of capital assets	$ (467,678)	$ (463,430)	$ (498,397)	$ (1,231,517)	$ (979,055)	$ (534,463)	$ (893,000)	$ (414,850)	$ (880,500)	$ (652,975)
Principal paid	(434,390)	(447,396)	(458,702)	(470,323)	(439,676)	(374,971)	(385,930)	(395,126)	(293,975)	(302,602)
Interest paid	(150,466)	(137,032)	(124,889)	(112,429)	(100,296)	(89,652)	(79,875)	(69,838)	(61,064)	(53,542)
Debt proceeds	-	-	-	-	-	-	-	-	-	-
Special assessments	-	44,666	162,362	26,275	25,479	24,682	23,886	23,090	22,294	21,498
	$ (1,052,534)	$ (1,003,192)	$ (919,626)	$ (1,787,994)	$ (1,493,548)	$ (974,404)	$ (1,334,919)	$ (856,724)	$ (1,213,245)	$ (987,621)
INVESTING ACTIVITIES CASH FLOWS										
Investment income	$ (336,570)	$ 52,538	$ 52,657	$ 55,868	$ 5,603	$ 5,349	$ 5,684	$ 5,820	$ 5,985	$ 6,223
Net Change in Cash	$ (321,874)	$ 71,675	$ 199,912	$ (651,725)	$ (361,758)	$ 111,451	$ (113,834)	$ 351,499	$ 113,251	$ 174,752
ENDING CASH BALANCE	**$ 2,949,885**	**$ 2,987,712**	**$ 3,156,294**	**$ 2,429,332**	**$ 2,067,574**	**$ 2,179,026**	**$ 2,065,191**	**$ 2,416,690**	**$ 2,529,941**	**$ 2,704,693**
RESTRICTED CASH BALANCE	**$ 1,616,203**	**$ 1,625,760**	**$ 1,586,641**	**$ 1,587,782**	**$ 1,564,225**	**$ 1,585,897**	**$ 1,599,838**	**$ 1,547,426**	**$ 1,564,188**	**$ 1,585,089**
UNRESTRICTED CASH BALANCE	**$ 1,333,682**	**$ 1,361,952**	**$ 1,569,653**	**$ 845,452**	**$ 503,349**	**$ 593,128**	**$ 465,353**	**$ 869,264**	**$ 965,753**	**$ 1,119,604**
UNRESTRICTED MONTHS ON HAND	**8.01**	**8.29**	**9.56**	**5.09**	**2.86**	**3.29**	**2.45**	**4.58**	**4.84**	**5.61**
RATE INCREASE NEEDED					**4.78%**	**0.00%**	**5.00%**	**0.00%**	**5.00%**	**0.00%**
DEBT ISSUE NEEDED					**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

WASTEWATER

DEBT COVERAGE	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Operating revenues	$ 2,036,002	$ 2,051,313	$ 2,055,876	$ 2,128,425	$ 2,159,589	$ 2,211,053	$ 2,322,243	$ 2,324,234	$ 2,440,778	$ 2,442,851
Investment income	2,485	33,367	29,344	61,695	5,603	5,349	5,684	5,820	5,985	6,223
O & M expenses	(1,020,298)	(1,012,657)	(959,399)	(1,025,314)	(1,033,402)	(1,130,546)	(1,106,842)	(1,121,831)	(1,120,267)	(1,286,701)
Net defined earnings	$ 1,018,189	$ 1,072,023	$ 1,125,821	$ 1,164,806	$ 1,131,790	$ 1,085,855	$ 1,221,085	$ 1,208,223	$ 1,326,496	$ 1,162,373
Highest annual debt service	$ 544,307	$ 544,152	$ 543,992	$ 582,752	$ 465,805	$ 465,805	$ 464,964	$ 356,143	$ 356,143	$ 317,628
Coverage factor	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
Minimum required earnings	$ 598,738	$ 598,567	$ 598,391	$ 641,027	$ 512,386	$ 512,386	$ 511,460	$ 391,757	$ 391,757	$ 349,391
ACTUAL DEBT COVERAGE	**1.87**	**1.97**	**2.07**	**2.00**	**2.43**	**2.33**	**2.63**	**3.39**	**3.72**	**3.66**

Stoughton Utilities – Program Summary

Capital Operations Program – 2021-2025

October 13, 2020

Division	2021	2022	2023	2024	2025	Grand Total
Electric Division	$1,419,658.00	$1,192,986.00	$1,312,036.00	$1,793,618.00	$987,544.00	**$6,705,842.00**
Water Division	$3,277,500.00	$98,700.00	$845,200.00	$748,400.00	$723,900.00	**$5,693,700.00**
Wastewater Division	$533,000.00	$947,500.00	$464,800.00	$911,000.00	$843,000.00	**$3,699,300.00**
Technical Operations Division	$440,695.00	$381,811.00	$150,686.00	$103,345.00	$120,811.00	**$1,197,348.00**
Annual Total:	**$5,670,853.00**	**$2,620,997.00**	**$2,772,722.00**	**$3,556,363.00**	**$2,675,255.00**	**$17,296,190.00**

Stoughton Utilities – Electric Division

Capital Operations Program – 2021-2025

October 13, 2020

Projects:	Funding:	2021	2022	2023	2024	2025	Total:
2021 East Sub: SCADA Programming and Panel Updates (#4)	Utility Reserve	$64,700.00	$ -	$ -	$ -	$ -	**$64,700.00**
2021 TDS Dark Fiber	Utility Reserve	$180,000.00	$ -	$ -	$ -	$ -	**$180,000.00**
2022 North Sub: East Bay New Regulators (#5)	Utility Reserve	$ -	$84,100.00	$ -	$ -	$ -	**$84,100.00**
2023 Distribution: Add west tie circuit (#9)	Utility Reserve	$ -	$ -	$583,600.00	$ -	$ -	**$583,600.00**
2024 Distribution: Rebuild CTH B: Williams to CTH N (#11)	Utility Reserve	$ -	$ -	$ -	$242,600.00	$ -	**$242,600.00**
2024 Distribution: Rebuild CTH N: USH 51 to CTH B (#12)	Utility Reserve	$251,200.00	$ -	$ -	$299,000.00	$ -	**$550,200.00**
2024 New Feeder N1 to loop thru North Business Park to N2 (#10)	Utility Reserve	$ -	$ -	$ -	$394,000.00	$ -	**$394,000.00**
AMR Enhancements	Utility Reserve	$ -	$40,000.00	$ -	$ -	$ -	**$40,000.00**
Distribution Capacity/Reconstruction Projects	Utility Reserve	$500,000.00	$500,000.00	$500,000.00	$500,000.00	$500,000.00	**$2,500,000.00**
Electric Meter Test Board (CO)	Utility Reserve	$35,000.00	$ -	$ -	$ -	$ -	**$35,000.00**
SCADA: Upgrades for Substation Projects	Utility Reserve	$10,600.00	$ -	$22,500.00	$23,900.00	$27,500.00	**$84,500.00**
Transformers	Utility Reserve	$88,558.00	$92,986.00	$97,636.00	$102,518.00	$107,644.00	**$489,342.00**
	Projects Section Total:	**$1,130,058.00**	**$717,086.00**	**$1,203,736.00**	**$1,562,018.00**	**$635,144.00**	**$5,248,042.00**

Maintenance:	Funding:	2021	2022	2023	2024	2025	Total:
General Tools: New & Replacement	Utility Reserve	$20,000.00	$20,000.00	$20,000.00	$20,000.00	$20,000.00	**$100,000.00**
Meters: New & Replacement	Utility Reserve	$15,000.00	$15,000.00	$15,000.00	$15,000.00	$17,000.00	**$77,000.00**
SCADA: OSI Software & Security Upgrades	Utility Reserve	$ -	$ -	$ -	$ -	$15,000.00	**$15,000.00**
Study: Distribution System	Utility Reserve	$ -	$ -	$ -	$ -	$24,600.00	**$24,600.00**
Substations: Scheduled Maintenance and Repairs	Utility Reserve	$ -	$ -	$ -	$ -	$29,900.00	**$29,900.00**
Substations: Seal Coat Drives	Utility Reserve	$ -	$ -	$ -	$ -	$4,000.00	**$4,000.00**
Substations: Unscheduled Repairs	Utility Reserve	$10,600.00	$10,900.00	$11,300.00	$11,600.00	$11,900.00	**$56,300.00**
Tree Trimming Maintenance	Utility Reserve	$175,000.00	$ -	$ -	$175,000.00	$ -	**$350,000.00**
	Maintenance Section Total:	**$220,600.00**	**$45,900.00**	**$46,300.00**	**$221,600.00**	**$122,400.00**	**$656,800.00**

Vehicles:	Funding:	2021	2022	2023	2024	2025	Total:
Line Bucket Truck #12 (2011)	Utility Reserve	$ -	$ -	$ -	$ -	$230,000.00	**$230,000.00**
Line Bucket Truck #16 (2010)	Utility Reserve	$ -	$230,000.00	$ -	$ -	$ -	**$230,000.00**
Line Bucket Truck/Backyard Machine (add)	Utility Reserve	$ -	$200,000.00	$ -	$ -	$ -	**$200,000.00**
Line Chipper (2007)	Utility Reserve	$ -	$ -	$37,000.00	$ -	$ -	**$37,000.00**
Line Wire Reel Trailers (2003)	Utility Reserve	$ -	$ -	$25,000.00	$ -	$ -	**$25,000.00**
Pole Trailer (1995)	Utility Reserve	$ -	$ -	$ -	$10,000.00	$ -	**$10,000.00**
	Vehicles Section Total:	**$ -**	**$430,000.00**	**$62,000.00**	**$10,000.00**	**$230,000.00**	**$732,000.00**

Developer:	Funding:	2021	2022	2023	2024	2025	Total:
2021 Fused 200A Feed to North Business Park (#1)	Developer Financed	$69,000.00	$ -	$ -	$ -	$ -	**$69,000.00**
	Developer Section Total:	**$69,000.00**	**$ -**	**$ -**	**$ -**	**$ -**	**$69,000.00**

	Grand Total:	**$1,419,658.00**	**$1,192,986.00**	**$1,312,036.00**	**$1,793,618.00**	**$987,544.00**	**$6,705,842.00**

Stoughton Utilities – Water Division

Capital Operations Program – 2021-2025

October 13, 2020

Projects:	Funding:	2021	2022	2023	2024	2025	Total:
*2023-2025 Main Replacement & Engineering	Utility Reserve	$ -	$ -	$685,000.00	$635,000.00	$530,000.00	**$1,850,000.00**
*Water Valve Adjustments for Street Projects	Utility Reserve	$ -	$ -	$12,500.00	$12,700.00	$ -	**$25,200.00**
Lead Service Replacements	Revenue Bonds	$3,175,000.00	$ -	$ -	$ -	$ -	**$3,175,000.00**
Meters - Large: Replacements	Revenue Bonds	$25,000.00	$25,000.00	$ -	$ -	$ -	**$50,000.00**
Meters - Standard: New and Replacements	Revenue Bonds	$26,500.00	$26,500.00	$26,500.00	$26,500.00	$26,500.00	**$132,500.00**
	Projects Section Total:	**$3,226,500.00**	**$51,500.00**	**$724,000.00**	**$674,200.00**	**$556,500.00**	**$5,232,700.00**

Maintenance:	Funding:	2021	2022	2023	2024	2025	Total:
Chemicals	Utility Reserve	$23,000.00	$23,000.00	$23,000.00	$25,000.00	$25,000.00	**$119,000.00**
Driveways: Sealcoating	Utility Reserve	$ -	$ -	$ -	$ -	$2,500.00	**$2,500.00**
Generator Testing: Wells 5 & 7, Tower II	Utility Reserve	$3,000.00	$3,200.00	$3,200.00	$3,200.00	$3,400.00	**$16,000.00**
Meters - Large: Testing	Utility Reserve	$ -	$6,000.00	$ -	$6,000.00	$ -	**$12,000.00**
Sampling: WDNR Regulatory	Utility Reserve	$15,000.00	$15,000.00	$30,000.00	$15,000.00	$15,000.00	**$90,000.00**
Study: Water Distribution System	Utility Reserve	$ -	$ -	$ -	$ -	$31,500.00	**$31,500.00**
Study: Water Supply Service Area - NR 854	Utility Reserve	$ -	$ -	$ -	$ -	$25,000.00	**$25,000.00**
Study: Water System Model Update	Utility Reserve	$ -	$ -	$15,000.00	$ -	$ -	**$15,000.00**
Well No. 4: Rehab (2015)	Utility Reserve	$ -	$ -	$25,000.00	$ -	$ -	**$25,000.00**
Well No. 5: Rehab (2016)	Utility Reserve	$ -	$ -	$ -	$25,000.00	$ -	**$25,000.00**
Well No. 5: Reservoir: Drain & Inspection (2016)	Utility Reserve	$10,000.00	$ -	$ -	$ -	$ -	**$10,000.00**
Well No. 6: Rehab (2014)	Utility Reserve	$ -	$ -	$25,000.00	$ -	$ -	**$25,000.00**
Well No. 7: Rehab (2016)	Utility Reserve	$ -	$ -	$ -	$ -	$25,000.00	**$25,000.00**
	Maintenance Section Total:	**$51,000.00**	**$47,200.00**	**$121,200.00**	**$74,200.00**	**$127,400.00**	**$421,000.00**

Vehicles:	Funding:	2021	2022	2023	2024	2025	Total:
Water Service Truck # 3 (2015)	Utility Reserve	$ -	$ -	$ -	$ -	$40,000.00	**$40,000.00**
	Vehicles Section Total:	**$ -**	**$ -**	**$ -**	**$ -**	**$40,000.00**	**$40,000.00**

Grand Total:	**$3,277,500.00**	**$98,700.00**	**$845,200.00**	**$748,400.00**	**$723,900.00**	**$5,693,700.00**

Stoughton Utilities – Wastewater Division

Capital Operations Program – 2021-2025

October 13, 2020

Projects:	Funding:	2021	2022	2023	2024	2025	Total:
*2021-2022 Main Replacement - Engineering Only	Utility Reserve	$15,000.00	$213,000.00	$ -	$ -	$ -	**$228,000.00**
*2023-2025 Main Replacement & Engineering	Utility Reserve	$ -	$ -	$200,000.00	$706,300.00	$312,000.00	**$1,218,300.00**
2022 Academy: East to Moline	Utility Reserve	$ -	$249,000.00	$ -	$ -	$ -	**$249,000.00**
2022 Academy: Moline to E South	Revenue Bonds	$ -	$309,000.00	$ -	$ -	$ -	**$309,000.00**
Lift station: Stone Crest (2002)	Utility Reserve	$ -	$ -	$ -	$40,000.00	$ -	**$40,000.00**
Lift station: Vennevoll - Gas Generator	Utility Reserve	$25,000.00	$ -	$ -	$ -	$ -	**$25,000.00**
MMSD Full Scale Adaptive Management	Utility Reserve	$2,000.00	$2,000.00	$2,000.00	$2,000.00	$2,000.00	**$10,000.00**
Permit Reissuance	Utility Reserve	$ -	$5,000.00	$ -	$ -	$ -	**$5,000.00**
Plant: Asphalt - Pulverize and pave parking lot	Utility Reserve	$ -	$ -	$ -	$ -	$75,000.00	**$75,000.00**
Plant: UV disinfection upgrade	Utility Reserve	$ -	$ -	$ -	$ -	$180,000.00	**$180,000.00**
Sanitary Sewer Rehab: Main Lining	Utility Reserve	$110,000.00	$ -	$ -	$ -	$ -	**$110,000.00**
Sanitary Sewer Rehab: Replace manholes and mains	Utility Reserve	$90,000.00	$40,500.00	$45,800.00	$45,700.00	$45,000.00	**$267,000.00**
Televising Equipment (2015)	Utility Reserve	$100,000.00	$ -	$ -	$ -	$ -	**$100,000.00**
	Projects Section Total:	**$342,000.00**	**$818,500.00**	**$247,800.00**	**$794,000.00**	**$614,000.00**	**$2,816,300.00**

Maintenance:	Funding:	2021	2022	2023	2024	2025	Total:
Annual sludge disposal	Utility Reserve	$35,000.00	$38,000.00	$38,000.00	$38,000.00	$40,000.00	**$189,000.00**
Generator Maintenace: Plant and lifts	Utility Reserve	$4,000.00	$4,000.00	$4,000.00	$4,000.00	$4,000.00	**$20,000.00**
Plant Equipment Replacement (see schedule)	Utility Reserve	$75,000.00	$75,000.00	$75,000.00	$75,000.00	$75,000.00	**$375,000.00**
Plant: Clarifier Final 1 & 2: Baffles/Weirs	Utility Reserve	$50,000.00	$ -	$ -	$ -	$ -	**$50,000.00**
Plant: Clarifier Primary 1 & 2: Chains and wear stripes	Utility Reserve	$ -	$ -	$85,000.00	$ -	$ -	**$85,000.00**
Plant: Digester cleaning/inspection - North	Utility Reserve	$12,000.00	$ -	$ -	$ -	$ -	**$12,000.00**
Plant: Digester cleaning/inspection - South	Utility Reserve	$ -	$12,000.00	$ -	$ -	$ -	**$12,000.00**
Plant: Digester cover painting - South	Utility Reserve	$ -	$ -	$15,000.00	$ -	$ -	**$15,000.00**
Plant: GBT Rollers & Brackets Replacement	Utility Reserve	$10,000.00	$ -	$ -	$ -	$ -	**$10,000.00**
Plant: Sludge Transfer Pump - Monyo Rebuild	Utility Reserve	$5,000.00	$ -	$ -	$ -	$ -	**$5,000.00**
Study: Plant Facilities	Utility Reserve	$ -	$ -	$ -	$ -	$45,000.00	**$45,000.00**
Study: Sanitary Sewer Collection System (CO)	Utility Reserve	$ -	$ -	$ -	$ -	$35,000.00	**$35,000.00**
	Maintenance Section Total:	**$191,000.00**	**$129,000.00**	**$217,000.00**	**$117,000.00**	**$199,000.00**	**$853,000.00**

Vehicles:	Funding:	2021	2022	2023	2024	2025	Total:
Wastewater Service Truck #9 (2012)	Utility Reserve	$ -	$ -	$ -	$ -	$30,000.00	**$30,000.00**
	Vehicles Section Total:	**$ -**	**$ -**	**$ -**	**$ -**	**$30,000.00**	**$30,000.00**

Grand Total:	**$533,000.00**	**$947,500.00**	**$464,800.00**	**$911,000.00**	**$843,000.00**	**$3,699,300.00**

Stoughton Utilities – Technical Operations Division

Capital Operations Program – 2021-2025

October 13, 2020

Projects:	Funding:	2021	2022	2023	2024	2025	Total:
Outage Management System	Utility Reserve	$100,000.00	$300,000.00	$ -	$ -	$ -	**$400,000.00**
Physical Security: Gate Access - Admin Office	Utility Reserve	$20,000.00	$ -	$ -	$ -	$ -	**$20,000.00**
Physical Security: Gate Access - WWTP	Utility Reserve	$20,000.00	$ -	$ -	$ -	$ -	**$20,000.00**
Physical Security: Video - EL Substations	Utility Reserve	$ -	$ -	$21,408.00	$ -	$ -	**$21,408.00**
Physical Security: Video - WT Towers	Utility Reserve	$ -	$ -	$6,804.00	$ -	$ -	**$6,804.00**
Physical Security: Video - WT Wells	Utility Reserve	$ -	$ -	$29,484.00	$ -	$ -	**$29,484.00**
Physical Security: Video - WWTP	Utility Reserve	$ -	$ -	$7,000.00	$ -	$ -	**$7,000.00**
Position Analysis: Recruitment/Succession/Reorg	Utility Reserve	$40,000.00	$ -	$ -	$ -	$ -	**$40,000.00**
	Projects Section Total:	**$180,000.00**	**$300,000.00**	**$64,696.00**	**$ -**	**$ -**	**$544,696.00**

Maintenance:	Funding:	2021	2022	2023	2024	2025	Total:
Administration Building Generator Annual Testing	Utility Reserve	$500.00	$500.00	$500.00	$500.00	$500.00	**$2,500.00**
Bill stuffing machine	Utility Reserve	$ -	$ -	$8,200.00	$ -	$ -	**$8,200.00**
Blacktop Grind and Overlay - Admin Building	Utility Reserve	$75,000.00	$ -	$ -	$ -	$3,500.00	**$78,500.00**
Building Awnings - Administation Bldg - Replace	Utility Reserve	$ -	$ -	$ -	$5,000.00	$ -	**$5,000.00**
Communications: EL SCADA Radio System	Utility Reserve	$ -	$ -	$12,000.00	$ -	$ -	**$12,000.00**
Communications: WT/WW SCADA Radio System	Utility Reserve	$ -	$ -	$ -	$27,000.00	$ -	**$27,000.00**
Furniture: Lobby (2009)	Utility Reserve	$ -	$ -	$ -	$5,000.00	$ -	**$5,000.00**
Furniture: Office Chairs	Utility Reserve	$ -	$ -	$7,000.00	$ -	$ -	**$7,000.00**
Generator Maintenance	Utility Reserve	$1,000.00	$1,000.00	$1,000.00	$1,000.00	$1,000.00	**$5,000.00**
Physical security: Access Control System	Utility Reserve	$5,000.00	$ -	$ -	$ -	$11,000.00	**$16,000.00**
Postage meter upgrade	Utility Reserve	$ -	$ -	$7,000.00	$ -	$ -	**$7,000.00**
Technology: Computing	Utility Reserve	$14,845.00	$13,011.00	$4,220.00	$14,745.00	$14,511.00	**$61,332.00**
Technology: Conference Room AV	Utility Reserve	$6,000.00	$ -	$ -	$ -	$ -	**$6,000.00**
Technology: Networking	Utility Reserve	$71,750.00	$5,000.00	$6,750.00	$ -	$6,100.00	**$89,600.00**
Technology: Printing	Utility Reserve	$27,600.00	$ -	$ -	$2,500.00	$ -	**$30,100.00**
Technology: Servers, Data Storage	Utility Reserve	$27,500.00	$26,000.00	$ -	$3,100.00	$32,900.00	**$89,500.00**
Technology: Software/Licensing	Utility Reserve	$31,500.00	$36,300.00	$39,320.00	$44,500.00	$51,300.00	**$202,920.00**
	Maintenance Section Total:	**$260,695.00**	**$81,811.00**	**$85,990.00**	**$103,345.00**	**$120,811.00**	**$652,652.00**

Grand Total:	**$440,695.00**	**$381,811.00**	**$150,686.00**	**$103,345.00**	**$120,811.00**	**$1,197,348.00**

City of Stoughton, 207 South Forrest Street, Stoughton WI 53589

RESOLUTION FROM THE UTILTIES COMMITTEE TO THE STOUGHTON COMMON COUNCIL			
Authorizing and directing the proper City official(s) to approve the Stoughton Utilities 2021 budget and five-year (2021-2025) Capital Improvement Plan (CIP).			
Committee Action:	Utilities Committee recommended Committee of the Whole and Common Council approval 7-0 Committee of the Whole recommended Common Council approval _-0		
Fiscal Impact:	Revenue Neutral		
File Number:	R-xxx-2020	**Date Introduced:**	November 10, 2020

WHEREAS, in early 2020, City of Stoughton and Stoughton Utilities staff, along with their engineering and financial consultants, initiated the development of the proposed 2021 Stoughton Utilities Budget and five-year (2021-2025) Capital Improvement Program, and

WHEREAS, the Stoughton Utilities Committee approved and recommended the approval of the proposed 2021 Stoughton Utilities Budget and five-year (2021-2025) Capital Improvement Plan to the Common Council on October 19, 2020, and

WHEREAS, the Stoughton Committee of the Whole reviewed the proposed 2021 Stoughton Utilities Budget and five-year (2021-2025) Capital Improvement Plan during their budget workshop on October 22, 2020, and

WHEREAS, the Stoughton Committee of the Whole approved, and recommended the approval of the proposed 2021 Stoughton Utilities Budget and five-year (2021-2025) Capital Improvement Plan to the Common Council on October 29, 2020, now therefore

BE IT RESOLVED by the Common Council of the City of Stoughton that the proper city official(s) approve and adopt the 2021 Stoughton Utilities Budget and five-year (2021-2025) Capital Improvement Plan.

Council Action: ☐ **Adopted** ☐ **Failed** **Vote:** _____

Mayoral Action: ☐ **Accept** ☐ **Veto**

_____ _____

Mayor Timothy Swadley Date

Council Action: _____ ☐ **Override** **Vote:** _____