

**Fiscal Year 2023-2024 Flow Development Worksheet  
and Other Income -**

**REVISED 1.6.2023**

**Notes**

- This spreadsheet is based on the FY2023 2024 Budget spreadsheet.
- The same formulas have been used as in the previous budget preparation process.
- Known values: 2.5% Contract Salary increase plus steps, merit increase, 15% Medical costs increase over Current Costs, 22.3% MERF Contrib from Mattabassett, currently 19.1% , Electricity increase 17% over current budget
- Sludge/Septage Income \$900,000  
Interest Income Projected \$15,000 - Actual FY22 is 16.6K W/OUT NB, B, C Reserve Interest.  
Misc Income \$30,000  
Excess Income Transfer \$0.00 - Need to buildup Reserves and CNR Accounts for future projects and emergencies.  
Reserve fund transfer \$0.00 already used funds in previous FY's to reduce debt service

**5 Overall Budget Increase = 11.23% over FY23's budget**  
**6 Excluding Capital & Electricity the FY22 budget increased = 4.64% over FY23's budget**

**The Following Input has been derived from the Flow Worksheet: FLOW UPDATE IS THROUGH DEC 2022**

Municipality	2020 Flows				2021 Flows				2022 Flows January through December				Reserved Allocation 1986			Peak Flow	Peak Through Secondary	
	Total	Average	% Constit	% Tot Flow	Total	Average	% Constit	% Tot Flow	Total	Average	% Constit	% Tot Flow	Flow MGD	% of Constit	% of Total			
	New Britain (Incl Farm)	3656.06	10.02	49.79%	47.88%	3831.82	10.50	48.83%	46.99%	3555.48	9.74	45.25%	43.72%	12.60	70.39%			57.27%
Berlin	1223.20	3.35	16.66%	16.02%	1306.39	3.58	16.65%	16.02%	1732.84	4.75	22.05%	21.31%	3.30	18.44%	15.00%	BERLIN	12.00	5.25
Cromwell	372.38	1.02	5.07%	4.88%	404.74	1.11	5.16%	4.96%	374.65	1.03	4.77%	4.61%	2.00	11.17%	9.09%	CROM	7.27	3.18
Middletown W/WWTP	2091.14	5.73	28.48%	27.39%	2304.47	6.31	29.37%	28.26%	2194.92	6.01	27.93%	26.99%	2.50	N/A	11.37%	MIDDLE	9.10	3.98
MDC	292.58	0.80	N/A	3.83%	307.19	0.84	N/A	3.77%	274.82	0.75	N/A	3.38%	1.60	N/A	7.27%	MDC	5.82	2.54
Farmington (Not in Tot)	4.60	N/A	N/A	0.06%	4.60	N/A	N/A	N/A	4.60	N/A	N/A	N/A	N/A	N/A	N/A			
<b>Total</b>	<b>7635.36</b>	<b>20.92</b>	<b>100.00%</b>	<b>100.00%</b>	<b>8154.61</b>	<b>22.34</b>	<b>100.00%</b>	<b>100.00%</b>	<b>8132.71</b>	<b>22.28</b>	<b>100.00%</b>	<b>100.00%</b>	<b>22.00</b>		<b>100.00%</b>		<b>80.00</b>	<b>35.00</b>

Municipality	2016-2020 Average Flows				2017-2021 Average Flows				2018-2022 Average Flows January through December 2021				2015-2031 Reserved Allocation			Primary	Peak Through Secondary	From Storm 10.25.17		
	Total	Average	% Constit	% Tot Flow	Total	Average	% Constit	% Tot Flow	Total	Average	% Constit	% Tot Flow	Flow MGD	% of Constit	% of Total					
	New Britain (Incl Farm)	3753.21	10.28	51.77%	49.82%	3899.99	10.68	51.42%	48.49%	3913.15	10.72	50.52%	48.65%	14.25	42.86%				40.89%	NB
Berlin	1132.28	3.10	15.62%	15.03%	1215.42	3.33	16.02%	15.11%	1300.00	3.56	16.78%	16.16%	5.00	15.04%	14.35%	BERLIN	12.00	7.89	20.96%	17.51% Berlin 9.63 PEAK + other stations
Cromwell	391.19	1.07	5.40%	5.19%	401.40	1.10	5.29%	4.99%	400.33	1.10	5.17%	4.98%	3.00	9.02%	8.61%	CROM	7.27	4.73	12.58%	
Middletown W/WWTP	1973.76	5.41	27.22%	26.20%	2068.21	5.67	27.27%	25.71%	2131.88	5.84	27.52%	26.51%	11.00	33.08%	31.56%	MIDDLE	39.10	17.36		
MDC	283.82	0.78	N/A	3.77%	296.93	0.81	N/A	3.69%	297.74	0.82	N/A	3.70%	1.60	N/A	4.59%	MDC	5.82	2.53	6.71%	
Farmington (Not in Tot)	4.60	0.01	N/A	N/A	4.60	0.01	N/A	N/A	4.60	0.01	N/A	N/A	N/A	N/A	N/A					
<b>Total</b>	<b>7534.25</b>	<b>20.64</b>	<b>100.00%</b>	<b>100.00%</b>	<b>7881.96</b>	<b>21.60</b>	<b>100.00%</b>	<b>98.00%</b>	<b>8043.10</b>	<b>22.05</b>	<b>100.00%</b>	<b>100.00%</b>	<b>34.85</b>	<b>100.00%</b>	<b>100.00%</b>		<b>110</b>	<b>55</b>		

For the Assessment Worksheet Provide the following Projections

Estimate of Interest Income for the Budgeted Fiscal Year (Reduced due to COVID and low interest rates)	\$100,000	<b>Last FY</b>	<b>Diff</b>
Estimate of Septage and Grease Income	\$150,000		
Estimate of Sludge Revenue	\$900,000		
Estimate of Miscellaneous Income with NITROGEN CREDIT	\$130,000		
<b>Estimate of Misc, Nitrogen Loan/Bond Income</b>	<b>\$0</b>		
Reserve Fund Transfer for Operations Expenses (Misc. Eversource Electricity Lower, Gas, Chemicals)	\$500,000		
Reserve Fund Transfer to reduce Assessment burden from large Capital Projects,	\$1,000,000		
<b>\$13,000,000 Res Fund Transfer for NB, B, C 2016-2017 Start, Amt. Reduced each Yr</b>	<b>\$713,570.95</b>		
New Britain	\$504,638	\$550,906	-\$46,267
Berlin	\$135,110	\$148,405	-\$13,295
Cromwell	\$73,822	\$78,655	-\$4,833
<b>MIDDLETOWN PUMP STATION GRIT REMOVAL SYSTEM CAPITAL CREDIT</b>	<b>\$55,000</b>		

**LEGAL NOTICE**

**THE MATTABASSETT DISTRICT  
Budget January 31, 2023  
Finance Committee Approved 01/31/2023  
Fiscal Year July 1, 2023 to June 30, 2024**

**EXPENDITURES**

Liability Insurance	\$159,940.
Engineering Services	\$209,000.
Legal & Accounting	\$113,500.
Training, Travel, & Meetings	\$52,000.
Office/Bus Services & Supplies	\$265,750.
Permit Fees	\$25,000.
Nitrogen Credits Purchase	\$0.
Salaries	\$3,459,041.
Employee Health Insurance	\$749,893.
Retirement	\$825,060.
Workers Comp Insurance	\$70,000.
Misc Employee Services	\$44,520.
Operations Supplies	\$57,500.
Sludge, Grit, Rags & Ash Disposal	\$201,500.
Outfall, Odor Towers, Incin. Carbon	\$283,000.
Electricity	\$2,142,000.
Natural Gas, Diesel & Gasoline	\$257,000.
Chemicals	\$859,500.
Water	\$70,000.
Bldgs, Grds & Equip Maintenance	\$954,500.
Laboratory	\$66,000.
Contingencies	<u>\$150,000.</u>
<b>Total Operations Budget</b>	<b>\$11,014,704.</b>
Bonded Debt Payment	\$4,915,869.
Capital Outlay Gen & Plant	\$3,545,000.
Capital Nitrogen	\$50,000.
Legislative Payment Cromwell	<u>\$100,000.</u>
CREDITS to TOWNS	<u>\$15,000.</u>
Operations, Debt & Capital Budgets	\$19,640,572.
<b>Total Budget</b>	<b>19,640,572</b>

**REVENUE**

New Britain	\$7,133,922
Berlin	\$2,395,586
Cromwell	\$1,064,516
Middletown	\$4,803,293
Metropolitan District Commission	\$737,188
Farmington	\$12,496
Interest Income	\$100,000
Sludge Management	\$1,050,000
Operating Fund Excess Income	\$500,000
New Britain, Berlin, Cromwell, Credits	\$713,571
Reserve Fund Debt Transfer	\$1,000,000
Miscellaneous Income:	\$130,000
<b>Total Revenue</b>	<b>\$19,640,572</b>

**Approved by Board of Directors: 2/21/2023**

**THE MATTABASSETT DISTRICT**  
**FY 23-24 BUDGET**  
**Finance Committee - 01/31/2023**

<u>ACCOUNT</u>	<u>FY 22-23 BUDGET</u>	<u>FY 23-24 BUDGET</u>	<u>CHANGE</u>	<u>NOTES</u>
51000 Liability Insurance	\$144,100	\$159,940	10.99%	
52100 Engineering Services	\$166,000	\$209,000	25.90%	
52200 Legal	\$87,000	\$87,000	0.00%	
52300 Accounting	\$26,500	\$26,500	0.00%	
52400 Training, Conf & Meetings	\$52,000	\$52,000	0.00%	
52500 Board Meetings	\$27,250	\$27,250	0.00%	
53000 Business Services	\$166,000	\$198,500	19.58%	
53510 Permit Fees	\$27,500	\$25,000	-9.09%	
53550 Nitrogen Credits Purchase	\$0	\$0		
54000 Office Supplies	\$16,500	\$21,000	27.27%	
54500 Miscellaneous	\$15,000	\$19,000	26.67%	
56000 Salaries	\$3,296,057	\$3,312,417	0.50%	
56600 Overtime & Meal Allowances	\$100,576	\$103,417	2.83%	
56700 Shift Differential	\$43,206	\$43,206	0.00%	
57100 Worker's Compensation Insur.	\$60,000	\$70,000	16.67%	
57200 Employee Health Insurance	\$693,420	\$749,893	8.14%	
57400 Unemployment Compensation	\$8,000	\$8,000	0.00%	
58000 Retirement Benefits	\$809,143	\$825,060	1.97%	
59000 Uniforms, Shoes, Physicals, EAP	\$36,520	\$36,520	0.00%	
61100 Operations Supplies	\$36,000	\$32,500	-9.72%	
61150 Cleaning Supplies	\$25,000	\$25,000	0.00%	
61200 Chemicals	\$459,500	\$859,500	87.05%	
61300 Electricity	\$2,131,000	\$2,142,000	0.52%	
61400 Fuel: Natural Gas & Fuel Oil	\$175,000	\$245,000	40.00%	
61500 Potable Water	\$62,000	\$70,000	12.90%	
61600 Gasoline & Diesel Fuel	\$7,700	\$12,000	55.84%	
61700 Disposal - Sludge, Grit, Rags	\$33,500	\$81,500	143.28%	
61800 Ash Handling	\$120,000	\$120,000	0.00%	
61810 OUTFALL Cleaning and Jetting	\$35,000	\$40,000	14.29%	

<u>ACCOUNT</u>	<u>FY 22-23 BUDGET</u>	<u>FY 23-24 BUDGET</u>	<u>CHANGE</u>	<u>NOTES</u>
61815 Odor Control Acid Cleaning (2/Yr)	\$25,000	\$30,000	20.00%	
61820 Odor Control CARBON CHANGEOUT	\$110,000	\$120,000	9.09%	
61825 Sludge Storage Tank Cleaning (1/Yr)	\$17,000	\$18,000	5.88%	
61830 IDI Carbon Change 1/ Yr	\$65,000	\$75,000	15.38%	
62100 Plant Maintenance Supplies	\$319,500	\$351,500	10.02%	
62200 Lubricants	\$35,000	\$35,000	0.00%	
62300 Plant Maintenance Services	\$350,000	\$273,000	-22.00%	
62400 Building & Grounds	\$339,500	\$295,000	-13.11%	
63100 Laboratory Supplies	\$36,000	\$36,000	0.00%	
63200 Laboratory Services	\$30,000	\$30,000	0.00%	
69000 Contingency	<u>\$120,000</u>	<u>\$150,000</u>	<u>25.00%</u>	
<b>Total Ops Budget</b>	<b>\$10,306,472</b>	<b>\$11,014,704</b>	<b>6.87%</b>	
64000 Bonded Debt Payment	\$4,996,783	\$4,915,869	-1.62%	
<b>Total Ops &amp; Debt Budget</b>	<b>\$15,303,255</b>	<b>\$15,930,572</b>	<b>4.10%</b>	
71000 Capital Gen & Plant	\$2,190,000	\$3,545,000	61.87%	
71030 Capital Nitrogen	<u>\$50,000</u>	<u>\$50,000</u>	<u>0.00%</u>	
<b>Total Ops &amp; Cap Budgets</b>	<b>\$17,543,255</b>	<b>\$19,525,572</b>	<b>11.30%</b>	
73000 Nitrogen Upgrade & CA/OPM	\$0	\$0		
84000 Legislative Payment Cromwell	\$100,000	<u>\$100,000</u>	0.00%	
91000 CREDITS TO TOWNS	\$15,000	<u>\$15,000</u>		
<b>Total Budget</b>	<b>\$17,658,255</b>	<b>\$19,640,572</b>	<b>11.23%</b>	
<b>TOTAL Budget W/OUT Capital or Electricity</b>	<b>\$13,287,255</b>	<b>\$13,903,572</b>	<b>4.64%</b>	<b>\$616,317.</b>

**FIVE YEAR CAPITAL PLAN**  
**DEPARTMENT REQUESTS**  
**January XX, 2023**

**Priority Ratings:**

1. Essential for the operation of the facility
2. Required by State and Federal regulations.
3. Required to lower impact to community.
4. Funded by Nitrogen Project.
5. Enhance or make more efficient provision of current level of service.
6. Funded by energy performance contract.
7. Funded from CNR.

DEPT. #		2023/24 DEPT. REQUESTS	2024/25 PLAN	2025/26 PLAN	2026/27 PLAN	2027/28 PLAN	TOTAL REQUEST	
01	<b>LABORATORY</b>						\$0	
	Nutrient Analyzer Partial (2 of 2)						\$0	
	Distilled Water System						\$0	
	Refrigerator LAB Samples/Blanks						\$0	
	Muffle Furnace Volatiles						\$0	
	Balance- Top Loading 25 Yrs Old						\$0	
	Atomic Analyzer						\$0	
	Fume Hoods (2 Total)						\$0	
	Dishwasher						\$0	
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
02	<b>MAINTENANCE</b>						\$0	
	Plant DUMP TRUCK with Plow						\$0	
	Plant CANYON PICKUP TRUCK						\$0	
	New HOLLAND TRACTOR REPL.						\$0	
	Gator Tractor						\$0	
	Diesel Fuel Storage Tank (1000 gal Convault) DEFER						\$0	
	Cone Valves Rebuild/Replace (ENERGY PERF. CONTRACT)	200,000	200,000	200,000			\$600,000	
	Raw Sewage Pump Rebuild (total of 6, Include CAPITAL for one Year, for ENERGY PERFORM. CONTRACT)						\$0	
	Windows Dewatering,						\$0	
	Primary Tank Flight Drives						\$0	
	Wood Chipper						\$0	
	Brushhog Bobcat						\$0	
	Roofing Replacement Various (Ops Locker)						\$0	
	HVAC Ductwork Replacement Various Control Room						\$0	
	Watermain Rehab and Improvements						\$0	
	Generator 52GM Breaker Panel Upgrade						\$0	
	A Building chiller replacement	95,000					\$95,000	
		\$200,000	\$200,000	\$200,000	\$0	\$0	\$600,000	\$600,000
03	<b>OPERATIONS</b>						\$0	
	IDI Carbon Change (1 per year)						\$0	
	IDI Secondary Heat Exchanger						\$0	
	Reline Clay Lagoon (Design)						\$0	
	Reline Clay Lagoon (Constr) (DEFER)						\$0	
	Auto Degrit/Rag (Design)						\$0	
	Acid Cleaning Odor Control (2 per year)						\$0	
	Odor Control Carbon Changeout						\$0	

DEPT. #		2023/24 DEPT. REQUESTS	2024/25 PLAN	2025/26 PLAN	2026/27 PLAN	2027/28 PLAN	TOTAL REQUEST
	Odor Control Dedicated Unit for Centrate and Sludge Unload						
	Odor Control New Unit for Middletown Connection DESIGN	50,000					
	Odor Control New Bar Rack Building DESIGN	100,000	1,000,000				
	Painting, Epoxy Wall and Column Repairs RSP Building						
	Sludge Storage Tank Cleaning (1 per year)						\$0
	Sludge Storage Tank DIFFUSERS						\$0
	Aeration Tank Diffusers (4 Total with SSR)						\$0
	Aeration Tank DO Probes (Replacement 42/Yr)						\$0
	Aeration Tanks SSR Blower		1,500,000				\$1,500,000
	WAS Pumps Rebuild ( 2)						\$0
	Aeration Blowers Siemens Level 1 Service Fluidizing (2) (Oper)						\$0
	Sludge Storage Recirculation Pump Replacement						\$0
	Sludge Unloading Pumps (2) replace every 3 years						\$0
	CO Sensors for GAC Unit						\$0
	Centrifuge REBUILD/REPLACE	150,000		400,000			\$550,000
	TRUNK LINE VIDEO DESIGN	100,000					\$100,000
	Trunkline/Crossing Repairs		1,000,000				\$1,000,000
	OUTFALL Cleaning and Jetting (Every 1 Yrs) Move to Maint						\$0
	Final Clarifier#1 Centerpost Squeegees and Seals						\$0
	Canopy for Switchgear and Transformer Downsized						\$0
	Putzmeister Pumps (Cake Feed to Incinerator	100,000		100,000			\$200,000
	GAC SYSTEM HEATER for Incinerator						\$0
	Raw Sewage Pumps Variable Drives and PLC Controller						\$0
	Headworks Rag Grinder Constr and Admin	100,000					\$100,000
	Column Repair FBI Incinerator wing		75,000				\$75,000
	Grease Skimmer System Primary Tanks (2 of 2)	1,500,000					
	SCADA SYSTEM UPGRADE WONDERWARE						
	Detritor Catwalks, Scrapers, Drivers (Replacement 2 of 2)		250,000				
	Secondary Heat Exchanger SPARE	350,000					
	Meters Manholes Trunkline for BOD, Flow, pH	50,000	100,000				
	A Building Chiller Replacement	95,000					
							\$0
		<b>\$2,595,000</b>	<b>\$3,925,000</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,525,000</b>
							\$1,500,000
<b>04</b>	<b>ADMINISTRATION</b>						
	Office upgrades;Expansion of Reception Area Prelim Design		\$50,000				
	Office upgrades;Expansion of Reception Area DESIGN/CONSTR			\$500,000	\$500,000		
		<b>\$0</b>	<b>\$50,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>
	<b>CAPITAL GENERAL 71010</b>	<b>750,000</b>	<b>750,000</b>	<b>750,000</b>	<b>750,000</b>		<b>\$3,000,000</b>
	Nitrogen Treatment 71030	50,000	50,000	50,000	50,000		\$200,000
	Solids/Incinerator 71040						\$0
	<b>Total</b>	<b>\$3,595,000</b>	<b>\$4,975,000</b>	<b>\$2,000,000</b>	<b>\$1,300,000</b>	<b>\$0</b>	<b>\$7,325,000</b>

**EPOXY COATING REPAIRS TO COLUMNS, WALLS, DEWATERING, RSP, ETC.  
VENTILATION RSP, DEWATERING  
ODOR CONTROL IMPORVEMENTS, DEWATERING, MIDDLETOWN WETWELL, RSP, SLUDGE DROPOFF, CENTRATE  
CATWALK, SCRAPERS FOR DETRITOR TANKS #1, #2**

**PARTICIPANT**

	FY 2022-2023	FY 2023-2024	CHANGE	
<b>New Britain (less Farmington): Total:</b>	<b>\$6,831,607.</b>	<b>\$7,133,922.</b>	<b>4.43%</b>	<b>\$302,315.</b>
<i>Operations (net minus debt &amp; Cap)</i>	\$4,390,565.	\$4,534,540.	3.28%	\$143,975.
<i>Debt</i>	\$1,492,255.	\$1,505,437.	0.88%	\$13,182.
<i>Capital Gen &amp; Admin</i>	\$948,787.	\$1,093,945.	15.30%	\$145,158.
<i>Capital Nitrogen</i>	\$0.	\$0.		\$0.
<b>Berlin:</b>	<b>\$2,270,424.</b>	<b>\$2,395,586.</b>	<b>5.51%</b>	<b>\$125,162.</b>
<i>Operations (net minus debt &amp; Cap)</i>	\$1,369,023.	\$1,441,566.	5.30%	\$72,543.
<i>Debt</i>	\$568,493.	\$570,179.	0.30%	\$1,686.
<i>Capital Gen &amp; Admin</i>	\$332,908.	\$383,840.	15.30%	\$50,933.
<i>Capital Nitrogen</i>	\$0.	\$0.		\$0.
<b>Cromwell:</b>	<b>\$1,026,215.</b>	<b>\$1,064,516.</b>	<b>3.73%</b>	<b>\$38,301.</b>
<i>Operations (net minus debt &amp; Cap)</i>	\$474,986.	\$484,861.	2.08%	\$9,874.
<i>Debt</i>	\$351,484.	\$349,351.	-0.61%	(\$2,133.)
<i>Capital Gen &amp; Admin</i>	\$199,745.	\$230,304.	15.30%	\$30,560.
<i>Capital Nitrogen</i>	\$0.	\$0.		\$0.
<b>Middletown:</b>	<b>\$4,588,025.</b>	<b>\$4,803,293.</b>	<b>4.69%</b>	<b>\$215,268.</b>
<i>Operations (net minus debt &amp; Cap)</i>	\$2,358,818.	\$2,487,574.	5.46%	\$128,756.
<i>Debt</i>	\$1,577,177.	\$1,551,637.	-1.62%	(\$25,540.)
<i>Capital Gen &amp; Admin</i>	\$652,030.	\$764,082.	17.19%	\$112,052.
<i>Capital Nitrogen</i>	\$0.	\$0.		\$0.
<b>MDC:</b>	<b>\$707,790.</b>	<b>\$737,188.</b>	<b>4.15%</b>	<b>\$29,398.</b>
<i>Operations (net minus debt &amp; Cap)</i>	\$371,852.	\$388,666.	4.52%	\$16,814.
<i>Debt</i>	\$229,408.	\$225,693.	-1.62%	(\$3,715.)
<i>Capital Gen &amp; Admin</i>	\$106,530.	\$122,829.	15.30%	\$16,298.
<i>Capital Nitrogen</i>	\$0.	\$0.		\$0.
Farmington:	\$11,228.	\$12,496.	11.29%	\$1,268.
Sub Total				
Interest Income	\$30,000.	\$100,000.	233.33%	\$70,000.
Sludge Management:	\$950,000.	\$1,050,000.	10.53%	\$100,000.
Reserve Fund Transfer for Ops Bud	\$250,000.	\$500,000.		\$250,000.
<b>\$13 Res Fund Trans NB, B, C Credit</b>	\$983,820.	<b>\$713,571.</b>	-27.47%	<b>(\$270,249.)</b>
Reserve Fund Transfer for CAPITAL Project	\$0.	\$1,000,000.		\$1,000,000.
Miscellaneous Income:	\$50,000.	\$130,000.	160.00%	\$80,000.
<b>Total Budget:</b>	<b>\$17,699,109.</b>	<b>\$19,640,572.</b>	<b>10.97%</b>	<b>\$1,941,463.</b>
Total Constituents'	\$14,716,271.	\$15,397,317.	4.63%	\$681,046.
Total Contractuals'	\$719,018.	\$749,684.	4.26%	\$30,666.

Increase is due to credit for NB, B Cromwell being reduced, Capital Costs and Operating cost increase. Offset by use of Reserves see below.

Berlin Flow increase 11% over previous 5 year period. Increase is due to credit for NB, B Cromwell being reduced, Capital Costs and Operating cost increase. Offset by use

Increase is due to credit for NB, B Cromwell being reduced, Capital Costs and Operating cost increase. Offset by use of Reserves see below.

15.30%

15.30%

15.30%

17.19%

15.30%

1.046109406

PARTICIPANT

COST PER MILLION GALLONS

	<u>FY 2021-2022</u>	<u>FY 2022-2023</u>	<u>CHANGE</u>
New Britain (less Farmington):	1,783	2,006	12.54%
Berlin:	1,738	1,382	-20.45%
Cromwell:	2,535	2,841	12.06%
Middletown:	1,991	2,188	9.92%
M.D.C.:	2,304	2,682	16.42%
Farmington:	2,441	2,717	11.29%
Constituent Average	1,306	1,404	7.49%

\$5,744,525.

Operations

**\$6,504,215**

Debt & Capital

**\$5,103,215**

New Britain (less Farmington):	48.65%	\$3,164,448	40.89%	\$2,086,680
Berlin:	16.16%	\$1,051,272	14.35%	\$732,169
Cromwell:	4.98%	\$323,734	8.61%	\$439,301
Middletown:	26.51%	\$1,723,987	31.56%	\$1,610,771
M.D.C.:	3.70%	\$240,774	4.59%	\$234,294



Fiscal Year	New Britain						Berlin				Cromwell					
	OLD Credit	NEW CREDIT	INTEREST CREDIT	Total Credit w/INT	Balance (w/OUT Int.)	Year	OLD Credit	NEW CREDIT	INTEREST CREDIT	Total Credit w/INT	Balance (w/OUT Int.)	OLD Credit	NEW CREDIT	INTEREST CREDIT	Total Credit w/INT	Balance (w/OUT Int.)
2014-2015	\$0	\$0			\$9,169,732	0	\$0	\$0			\$2,425,281	\$0				\$1,404,987
2015-2016	\$735,000	\$735,000		\$735,000	\$8,434,732	1	\$205,000	\$205,000		\$205,000	\$2,220,281	\$90,000	\$90,000		\$90,000	\$1,314,987
2016-2017	\$701,842	\$701,842		\$701,842	\$7,732,890	2	\$195,000	\$195,000		\$195,000	\$2,025,281	\$87,544	\$87,544		\$87,544	\$1,227,443
2017-2018	\$673,185	\$977,357		\$977,357	\$6,755,533	3	\$186,317	\$256,416		\$256,416	\$1,768,865	\$85,507	\$154,194		\$154,194	\$1,073,249
2018-2019	\$644,529	\$948,701	\$124,169	\$1,072,870	\$5,806,832	4	\$177,635	\$247,733	\$32,520	\$280,254	\$1,521,131	\$83,470	\$152,157	\$19,709	\$171,867	\$921,091
2019-2020	\$615,872	\$920,044	\$106,572	\$1,026,617	\$4,886,787	5	\$168,952	\$239,051	\$27,912	\$266,963	\$1,282,080	\$81,433	\$150,120	\$16,916	\$167,036	\$770,971
2020-2021	\$587,216	\$891,388	\$141,524	\$1,032,912	\$3,995,400	6	\$160,270	\$230,368	\$37,066	\$267,434	\$1,051,712	\$79,395	\$148,083	\$22,464	\$170,547	\$622,889
2021-2022	\$558,559	\$558,559	\$138,189	\$696,748	\$3,436,840	7	\$151,587	\$151,587	\$36,192	\$187,779	\$900,125	\$77,358	\$77,358	\$21,935	\$99,293	\$545,530
2022-2023	\$529,903	\$529,903	\$21,003	\$550,906	\$2,906,937	8	\$142,905	\$142,905	\$5,501	\$148,405	\$757,220	\$75,321	\$75,321	\$3,334	\$78,655	\$470,209
2023-2024	\$501,246	\$501,246		\$501,246	\$2,405,691	9	\$134,222	\$134,222		\$134,222	\$622,998	\$73,284	\$73,284		\$73,284	\$396,925
2024-2025	\$472,590	\$472,590		\$472,590	\$1,933,101	10	\$125,539	\$125,539		\$125,539	\$497,459	\$71,247	\$71,247		\$71,247	\$325,678
2025-2026	\$443,933	\$443,933		\$443,933	\$1,489,168	11	\$116,857	\$116,857		\$116,857	\$380,602	\$69,210	\$69,210		\$69,210	\$256,468
2026-2027	\$415,277	\$415,277		\$415,277	\$1,073,891	12	\$108,174	\$108,174		\$108,174	\$272,428	\$67,173	\$67,173		\$67,173	\$189,295
2027-2028	\$386,620	\$386,620		\$386,620	\$687,271	13	\$99,492	\$99,492		\$99,492	\$172,936	\$65,136	\$65,136		\$65,136	\$124,160
2028-2029	\$357,964	\$357,964		\$357,964	\$329,307	14	\$90,809	\$90,809		\$90,809	\$82,127	\$63,098	\$63,098		\$63,098	\$61,061
2029-2030	\$329,307	\$329,307		\$329,307	\$0	15	\$82,127	\$82,127		\$82,127	\$0	\$61,061	\$61,061		\$61,061	\$0
2030-2031	\$300,651						\$73,444					\$59,024				
2031-2032	\$271,994						\$64,761					\$56,987				
2032-2033	\$243,338						\$56,079					\$54,950				
2033-2034	\$214,681						\$47,396					\$52,913				
2034-2035	\$186,024						\$38,714					\$50,876				
<b>TOTAL</b>	<b>\$9,169,732</b>	<b>\$9,169,732</b>	<b>\$531,457</b>	<b>\$9,701,189</b>			<b>\$2,425,281</b>	<b>\$2,425,281</b>	<b>\$139,191</b>	<b>\$2,564,472</b>		<b>\$1,404,987</b>	<b>\$1,404,987</b>	<b>\$84,358</b>	<b>\$1,489,345</b>	
	<b>70.54%</b>						<b>18.66%</b>					<b>10.81%</b>				

## Budget Comparison

	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Average Annual Increase 2018-2024</u>				
<b>Total Budget</b>	\$ 65,221,361	\$ 29,436,053	\$ 25,366,432	\$ 14,465,444	\$ 15,416,086	\$ 14,909,946	\$ 16,165,222	\$ 16,113,196	\$ 16,714,184	\$ 17,658,255	\$ 19,452,649	4.36%	\$	0.26	\$	4.36
<b>New Britain</b>	\$ 4,145,937	\$ 4,937,139	\$ 5,137,548	\$ 5,770,140	\$ 5,794,805	\$ 5,841,083	\$ 6,123,969	\$ 5,900,712	\$ 6,348,885	\$ 6,831,607	\$ 7,518,023	4.96%	\$	0.30	\$	4.96
<b>Berlin</b>	\$ 1,252,920	\$ 1,551,037	\$ 1,704,358	\$ 1,860,803	\$ 1,862,451	\$ 1,884,167	\$ 1,960,833	\$ 1,957,453	\$ 2,078,380	\$ 2,270,424	\$ 2,609,135	6.68%	\$	0.40	\$	6.68
<b>Cromwell</b>	\$ 501,898	\$ 663,429	\$ 797,747	\$ 917,890	\$ 888,309	\$ 885,555	\$ 910,862	\$ 898,887	\$ 964,701	\$ 1,026,215	\$ 1,143,653	4.79%	\$	0.29	\$	4.79
<b>Middletown</b>	\$ 971,816	\$ 1,551,998	\$ 2,327,238	\$ 2,759,965	\$ 2,774,914	\$ 2,832,985	\$ 2,912,744	\$ 4,335,752	\$ 4,368,659	\$ 4,588,025	\$ 5,083,970	13.87%	\$	0.83	\$	13.87
<b>MDC</b>	\$ 273,312	\$ 375,634	\$ 427,543	\$ 508,346	\$ 618,113	\$ 636,686	\$ 667,881	\$ 654,259	\$ 679,116	\$ 707,790	\$ 776,921	4.28%	\$	0.26	\$	4.28
<b>Notes</b>	\$56 million of budget from Nitrogen Upgrade	\$21 million of budget from Nitrogen Upgrade & set aside	\$12.5 million from reserves & Bond/loan income													
<b>% of Budget</b>																
NB	6.36%	16.77%	20.25%	39.89%	37.59%	39.18%	37.88%	36.62%	37.99%	38.69%	38.65%					
Berlin	1.92%	5.27%	6.72%	12.86%	12.08%	12.64%	12.13%	12.15%	12.43%	12.86%	13.41%					
Cromwell	0.77%	2.25%	3.14%	6.35%	5.76%	5.94%	5.63%	5.58%	5.77%	5.81%	5.88%					
Middletown	1.49%	5.27%	9.17%	19.08%	18.00%	19.00%	18.02%	26.91%	26.14%	25.98%	26.14%					
MDC	0.42%	1.28%	1.69%	3.51%	4.01%	4.27%	4.13%	4.06%	4.06%	4.01%	3.99%					

# **Mattabassett Sewer District**

**FY2024**

**May 24, 2023**

## Budget Notes: New Britain

- The FY2024 Budget increased 11.23%, which was driven primarily by high capital costs projects, inflation on chemicals, fuels along with pension increase.
- Five Year average flows impact the operating budget and also the community with the largest flows (NB) the most significantly.
- The operating and debt budget increased 4.10% and the Capital budget realized an increase of 61.87% over last year's budget due to major projects.
- Operating Budget assessment is impacted by credits from income and Middletown buy-in funds. Income credits impact all constituent members. Middletown's admission fee into the District benefits the Charter members only (NB, Berlin, Cromwell). This year, credits from Middletown's addition benefited New Britain \$504,638. (Total received since Middletown joining is \$7.3 million dollars)
- Debt portion of assessment decreased this year because the District refinanced a portion of the Clean Water Fund Loan at a lower than 2% interest rate.
- NB is paying 30.1% of debt service as part of their assessment even though their reserve capacity is 40.89% due to admission fee credits from Middletown.
- This year we used \$500,000 of lower expenses from FY2023 and \$1,000,000 from reserves to offset budget assessments and significant capital increases for FY2024.