



City of Brevard

North Carolina

WATER & SEWER UTILITY FUND

REVENUE

CASH FLOW & FORECAST

ANNUAL BUDGET ESTIMATE - REVENUE
Amended - 2019-2020

CITY OF BREVARD
FY 2018-2019

Account	2017 - 2018	2018 - 2019	4/30/2019	2018 - 2019		2019 - 2020		Approved
	Actual (\$)	Budget (\$)	Actual (\$)	Estimate	%Remaining	Requested	Recommended	
Fund: 30 Utility Fund								
30-3350-0100 Misc Utility Fees	1,494.00		656.00					
30-3710-0100 Chgs For Util - Water	2,657,000.00	2,791,000.00	2,271,391.00		19		2,844,875.00	
30-3710-0200 Chgs For Util - Sewer	2,559,187.00	2,423,000.00	2,132,155.00		12		2,528,145.00	
30-3710-0300 Meter Charges	136,669.00	136,000.00	115,634.00		15		181,800.00	
30-3710-0400 Meter Reactivation Fee	3,840.00		1,140.00					
30-3730-0100 Taps & Conn Fees - Water	44,415.00	35,000.00	37,994.00		-9		44,000.00	
30-3730-0200 Taps & Conn Fees - Sewer	36,500.00	12,500.00	15,100.00		-21		36,000.00	
30-3750-0200 Late/Reconnect Fees	69,755.00	50,000.00	48,045.00		4		60,000.00	
30-3760-0000 Septage Pretreatment Facility	50,625.00	35,000.00	35,025.00		0		50,000.00	
30-3970-0300 Loan Proceeds		214,000.00			100		197,562.00	
30-3990-0000 Fund Balance Appr		600,997.00			100		250,172.00	

ANNUAL BUDGET ESTIMATE - REVENUE
 Amended - 2019-2020

CITY OF BREVARD
 FY 2018-2019

Account	2017 - 2018	2018 - 2019	4/30/2019	2018 - 2019		2019 - 2020		
	Actual (\$)	Budget (\$)	Actual (\$)	Estimate	%Remaining	Requested	Recommended	Approved
Total	\$5,559,485.00	\$6,297,497.00	\$4,657,140.00				\$6,192,554.00	
Report Total Revenue	\$5,559,485.00	\$6,297,497.00	\$4,657,140.00				\$6,192,554.00	

**City of Brevard, NC
Enterprise Fund Budget
Fiscal Year 2019-2020**

UTILITY FUND REVENUES

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These revenues are specific to the Utility Fund and by North Carolina Local Government Commission recommendations should only be used for Utility Fund purposes. These include operating expenses, capital outlay, outstanding utility debt service, and appropriate administrative service charges. (NC General Statute 159-13).

3290.0000 Investments Income - Utility

Budgeted Amount \$ -0-

3350.0000 Miscellaneous Revenue

Revenue not otherwise categorized is included under this line item.

Budgeted Amount \$ -0-

3710.0100 Water Charges - Receipts

This revenue is derived from the sale of water to City customers. Rate flattening began in fiscal year 2002-2003. The rate flattening strategy which eliminated the declining block system culminated in fiscal year 2008-2009. Effective with fiscal year 2017-2018, the minimum gallons were reduced from 2,000 gallons to zero gallons. The proposed rate structure for the coming fiscal year is included in the Schedule of Taxes, Fees, and Charges. The City serves approximately 4,200 customers. **For Fiscal Year 2019-2020, an increase of 4% is being proposed. The increase will be 31 cents per 1,000 gallons of water.**

Included herein is a history for this revenue compiled from audited financial statements to provide you with some perspective on actual water charge receipts.

(cont'd)

**City of Brevard, NC
Enterprise Fund Budget
Fiscal Year 2019-2020**

UTILITY FUND REVENUES

July 1, 2019 - Water Rate PROPOSED

Water Rates

Residential, Commercial, and Institutional:

Gallons	Purchase Range	In City	Out City
All	All	\$13.65	\$20.50
All	All	\$8.11 / 1000	\$12.19 / 1000

Industrial*

Gallons	Purchase Range	In City	Out City
All	All	\$13.65	\$20.50
All	All	\$7.14 / 1000	\$10.73 / 1000

Meter Fees:

3/4 inch	\$2.70/month
1 inch	\$2.70/month
1.5 inch	\$15.00/month
2.0 inch	\$18.00/month
3.0 inch	\$25.00/month
4.0 inch	\$44.00/month
6.0 inch	\$67.00/month

*Industrial water users are manufacturers as defined and described in the 2012 North American Industry Classification System, Sectors 31-33 (refer to the following United States Census website: <http://www.census.gov/cgi-bin/sssd/naics/naicsrch?chart=2012>).

Year End June 30	Approved 14-15 ⁽¹⁾	Approved 15-16 ⁽²⁾	Approved 16-17 ⁽³⁾	Approved 17-18 ⁽⁴⁾	Approved 18-19 ⁽⁵⁾	Proposed 19-20 ⁽⁶⁾
Water Charges	2,350,000	2,350,000	2,527,000	2,700,000	2,773,000	2,844,875
% Inc. / Dec.					4%	4%

- (1) Min gals reduced from 2,000 to 1,500 gals
- (2) Min gals reduced from 1,500 to 1,000 gals
- (3) Min gals reduced from 1,000 to 500 gals
- (4) Min gals reduced from 500 to 0 gallons
- (5) 4.0% rate increase proposed FY 18-19
- (6) 4.0% rate increase proposed FY 19-20

Budgeted Amount \$ 2,844,875

**City of Brevard, NC
Enterprise Fund Budget
Fiscal Year 2019-2020**

UTILITY FUND REVENUES

3710.0200 Sewer Charges - Receipts

This revenue is derived from sewer charges based upon the sale of water to City customers. The City currently serves approximately 3,420 customers. **For Fiscal Year 2019-2020, a sewer rate increase of 4% is being proposed. The increase will be 31 cents per 1,000 gallons.**

July 1, 2019 - Sewer Rates PROPOSED

Sewer Rates

Residential, Commercial, Institutional, and Industrial:

Gallons	Purchase Range	In City	Out City
All	All	\$13.65	\$20.50
All	All	\$8.11 / 1000	\$12.19 / 1000

All multi-family dwellings, including apartments and condominiums, shall pay \$27.29 per unit or the meter reading, whichever is greater.

Year End June 30	Approved 14-15 ⁽¹⁾	Approved 15-16 ⁽²⁾	Approved 16-17 ⁽³⁾	Approved 17-18 ⁽⁴⁾	Approved 18-19 ⁽⁵⁾	Proposed 19-20 ⁽⁶⁾
Sewer Charges	2,120,000	2,120,000	2,245,000	2,350,000	2,423,000	2,528,145
% Inc./Dec.					4%	4%

- (1) Min gallons reduced from 2,000 to 1,500 gals
- (2) Min gallons reduced from 1,500 to 1,000 gals
- (3) Min gallons reduced from 1,000 to 500 gals
- (4) Min gallons reduced from 500 to 0 gallons
- (5) 4.0% rate increase proposed FY18-19
- (6) 4.0% rate increase proposed FY19-20

Budgeted Amount \$ 2,528,145

**City of Brevard, NC
Enterprise Fund Budget
Fiscal Year 2019-2020**

UTILITY FUND REVENUES

Economic Development Utility Rates:

City Council may, as a means of supporting economic development within the City of Brevard and Transylvania County, authorize a business to receive a 30% reduction in utility rates, subject to an agreement that such business achieve certain economic development performance measures.

City of Brevard WATER AND SEWER RATES Effective with August 1, 2019 Billing		
Water Rates		
	In City	Outside City
Basic Charge (per month)	\$13.65	\$20.50
Water (per gallon, Residential, Commercial, Institutional)	\$0.00811 / gal	\$0.01219 / gal
Water (per gallon, Industrial)	\$0.00714 / gal	\$0.01073 / gal
<u>Meter Fees:</u>		
3/4 inch	\$2.70/month	
1 inch	\$2.70/month	
1.5 inch	\$15.00/month	
2.0 inch	\$18.00/month	
3.0 inch	\$25.00/month	
4.0 inch	\$44.00/month	
6.0 inch	\$67.00/month	
All multi-family dwellings, including apartments and condominiums, shall pay \$27.29 per unit or the meter reading, whichever is greater.		
<u>Meter Reactivation Fee:</u> \$60.00		
Sewer Rates		
	In City	Outside City
Basic Charge (per month)	\$13.65	\$20.50
Sewer Water (per gallon) (Residential, Commercial, Institutional, Industrial)	\$0.00811 / gal	\$0.01219 / gal

**City of Brevard, NC
Enterprise Fund Budget
Fiscal Year 2019-2020**

UTILITY FUND REVENUES

3710.0300 Meter Charges - Receipts

A monthly meter fee was approved in prior years to offset the cost to purchase and install automated meter reading systems (AMR). This will replace all existing water meters and provide water usage meter readings by way of low frequency radio signals sent from each individual meter to a receiver, thereby reducing the time to read meters and provide significant improvement in reducing unaccounted for water losses. AMRs have a proven track record for promoting efficiencies in utility systems.

Budgeted Amount \$ 181,800

3730.0100 Taps and Connection Fees - WATER

This revenue is generated from fees charged for all new water meters set annually by City crews.

Budgeted Amount \$ 44,000

3730.0200 Taps and Connection Fees - SEWER

This revenue is generated from fees charged for all new sewer tap made annually by City crews.

Budgeted Amount \$ 36,000

3750.0100 Transfer from Capital Reserve

Budgeted Amount \$ -0-

3750.0200 Late and Reconnection Fees

These fees are generated from the application of fees on delinquent utility bills as provided by policy.

Budgeted Amount \$ 60,000

3760.0000 Septage Pre-Treatment Facility Charges

This revenue is generated annually by user charges paid by septic system haulers for dumping services at this facility located at the wastewater treatment plant on Wilson Road.

Budgeted Amount \$ 50,000

**City of Brevard, NC
Enterprise Fund Budget
Fiscal Year 2019-2020**

UTILITY FUND REVENUES

3970.0300 Loan Proceeds

Budgeted Amount \$ 197,562

3990.0000 Fund Balance Appropriated

This revenue represents an appropriation of reserve funds that are not reserved by state statute, designated, or committed for a specific purpose. Appropriations from reserve are typically only made for special projects approved by the City Council, unforeseen capital expenses, or in rare emergency situations for operating expenses that result from an unexpected budget shortfall or additional unanticipated expenses.

Budgeted Amount \$ 250,172

3990.0300 Fund Balance Appropriated – Capital Budget

Fund balance appropriated is for utility fund capital projects.

Budgeted Amount \$ -0-

Utility Fund Revenues	TOTAL	\$	6,192,554
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DEBT SCHEDULE (ALL FUNDS)

PRINCIPAL AND INTEREST

FY20 AND BEYOND

	PROJECT COST	INTEREST RATE	LOAN TERM	CURRENT FY20	SHORT TERM FY21-25	LONG TERM FY26 & BEYOND	TOTAL DEBT
WATER & SEWER FUND							
BELT PRESS & GRIT REMOVAL (CG & L)	\$ 1,142,606	2.455%	16 YEARS	\$ 88,945	\$ 418,416	\$ 303,183	\$ 810,544
BURRELL MTN WATER TANK (CG & L)	\$ 2,641,100	0.000%	18-YEARS	\$ 146,728	\$ 733,640	\$ 1,173,824	\$ 2,054,192
UPGRADE 6" SEWER TO 8" SEWER	\$ 1,680,000	2.000%	20-YEARS	\$ 112,560	\$ 537,600	\$ 1,034,040	\$ 1,684,200
FY14 RADIO READ METERS	\$ 1,496,550	0.000%	20-YEARS	\$ 74,828	\$ 374,138	\$ 823,103	\$ 1,272,068
FY17 CAPITAL EQUIPMENT	\$ 133,026	1.960%	5-YEARS	\$ 28,324	\$ 51,926	\$ -	\$ 80,250
FY18 CAPITAL EQUIPMENT LOAN #1	\$ 69,499	3.090%	10-YEARS	\$ 8,110	\$ 40,550	\$ 24,330	\$ 72,990
FY18 CAPITAL EQUIPMENT LOAN #2	\$ 15,748	3.090%	5-YEARS	\$ 3,450	\$ 10,350	\$ -	\$ 13,800
FY19 CAPITAL EQUIPMENT (EST)	\$ 214,000	3.25%(EST)	5 - YEARS	\$ 47,100	\$ 188,400	\$ -	\$ 235,500
FY20 CAPITAL EQUIPMENT (EST)	\$ 197,562	3.5%(EST)	10-YEARS	\$ 25,000	\$ 125,000	\$ 100,000	\$ 250,000
FY20 RADIO READ METERS (LARGE)	\$ 380,120	3.50 %(EST)	10-YEARS	\$ 45,800	\$ 229,000	\$ 183,200	\$ 458,000
KINGS CREEK SEWER PHASE I (CG & L)	\$ 749,375	2.000%	20-YEARS	\$ 47,960	\$ 228,559	\$ 326,728	\$ 603,247
KINGS CREEK PHASE II	\$ 1,435,784	0.000%	20-YEARS	\$ 71,790	\$ 358,950	\$ 861,480	\$ 1,292,220
KINGS CREEK PHASE III	\$ 1,484,150	0.000%	20-YEARS	\$ 74,208	\$ 371,038	\$ 890,490	\$ 1,335,736
SEWER FORCE MAIN, P.S. AND WWTP STORAGE	\$ 12,987,256	1.840%	20-YEARS	\$ 876,385	\$ 4,202,690	\$ 9,529,040	\$ 14,608,115
FORMER DUKE MTCE FACILITY (400 CASHIERS VLY)	\$ 284,000	2.250%	10 YEARS	\$ 31,823	\$ 139,226	\$ -	\$ 171,049
TOTAL WATER & SEWER FUND	\$ 24,910,776			\$ 1,683,010	\$ 8,009,482	\$ 15,249,417	\$ 24,941,909
GENERAL FUND							
FY17 CAPITAL EQUIPMENT	\$ 288,208	1.960%	5-YEARS	\$ 60,563	\$ 110,719	\$ -	\$ 171,282
FY18 CAPITAL EQUIPMENT LOAN #1 GARBAGE TRUCK	\$ 187,698	3.090%	10-YEARS	\$ 22,000	\$ 110,000	\$ 66,000	\$ 198,000
FY18 CAPITAL EQUIPMENT LOAN #2	\$ 34,391	3.090%	5-YEARS	\$ 7,500	\$ 22,500	\$ -	\$ 30,000
FY19 CAPITAL EQUIPMENT (EST)	\$ 118,000	3.25%(EST)	5-YEARS	\$ 26,000	\$ 104,000	\$ -	\$ 130,000
FY20 CAPITAL EQUIPMENT (EST) GARBAGE TRUCK	\$ 194,300	3.50%(EST)	10-YEARS	\$ 23,056	\$ 115,280	\$ 92,224	\$ 230,560
FY20 CAPTIAL EQUIPMENT (EST)	\$ 115,430	3.5%(EST)	5-YEARS	\$ 25,200	\$ 100,800	\$ -	\$ 126,000
WAYFINDING (UCB)	\$ 150,000	3.750%	10-YEARS	\$ 8,918	\$ -	\$ -	\$ 8,918
MARY C. JENKINS CENTER	\$ 800,000	3.35%(EST)	15 YEARS	\$ 68,750	\$ 343,750	\$ 618,750	\$ 1,031,250
FORMER DUKE MTCE FACILITY (400 CASHIERS VLY)	\$ 142,000	2.250%	10 YEARS	\$ 15,912	\$ 79,560	\$ -	\$ 95,472
TOTAL GENERAL FUND	\$ 2,030,027			\$ 257,899	\$ 986,609	\$ 776,974	\$ 2,021,482
FIRE DEPARTMENT SPECIAL REVENUE FUND							
SEAGRAVE FIRE TRUCKS (BB & T)	\$ 632,500	1.890%	8-YEARS	\$ 53,941	\$ -	\$ -	\$ 53,941
FY17 EXTRICATION EQUIPMENT (JAWS OF LIFE)	\$ 122,000	1.740%	5-YEARS	\$ 25,510	\$ 29,762	\$ -	\$ 55,273
WATER TANKER (SUNTRUST)	\$ 280,000	1.958%	10-YEARS	\$ 30,853	\$ 77,134	\$ -	\$ 107,987
FY20 SERVICE TRUCK	\$ 650,000	4.000%	10-YEARS	\$ -	\$ 400,000	\$ 400,000	\$ 800,000
TOTAL FIRE DEPARTMENT	\$ 1,684,500			\$ 110,305	\$ 506,896	\$ 400,000	\$ 1,017,201
TOTAL ALL FUNDS	\$ 28,625,303			\$ 2,051,214	\$ 9,502,987	\$ 16,426,391	\$ 27,980,592