



City of Brevard

North Carolina

WATER TREATMENT FACILITY

ANNUAL BUDGET ESTIMATE - EXPENDITURE
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								
30-8120-0200 Salaries - Reg	243,565.00	235,955.00	207,498.00		12		243,242.00	
30-8120-0210 Salaries - Reg - Ot	4,664.00	5,000.00	3,454.00		31		5,000.00	
30-8120-0500 Fica	17,032.00	18,433.00	14,393.00		22		18,991.00	
30-8120-0600 Group Insurance	64,126.00	67,850.00	67,850.00				68,500.00	
30-8120-0700 Retirement	18,399.00	18,867.00	16,306.00		14		22,416.00	
30-8120-0925 Pro Services	52,088.00	104,600.00	70,945.00		32		85,000.00	
30-8120-1000 Training	550.00	2,500.00	650.00		74		2,500.00	
30-8120-1100 Telephone	7,869.00	9,000.00	6,769.00		25		9,000.00	
30-8120-1300 Utilities	75,900.00	75,000.00	65,612.00		13		75,000.00	
30-8120-1400 Travel	1,461.00	2,000.00	595.00		70		2,500.00	
30-8120-1500 M & R Buildings	5,908.00	41,000.00	12,631.00		69		38,000.00	

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Account	2017 - 2018	2018 - 2019	4/30/2019	2018 - 2019		2019 - 2020		Approved
	Actual (\$)	Budget (\$)	Actual (\$)	Estimate	%Remaining	Requested	Recommended	
30-8120-1600 M & R Equipment	19,635.00	62,000.00	47,425.00		24		37,000.00	
30-8120-1700 M & R Autos & Trucks	1,859.00	3,000.00	2,535.00		16		3,000.00	
30-8120-3100 Automotive Supplies	3,184.00	3,000.00	2,225.00		26		3,000.00	
30-8120-3200 Office Supplies	2,510.00	3,000.00	1,281.00		57		1,500.00	
30-8120-3300 Dept Supl & Matl	17,732.00	20,000.00	16,195.00		19		20,900.00	
30-8120-3400 Other Supl & Matl	177,001.00	168,000.00	94,826.00		44		175,000.00	
30-8120-3600 Uniforms	1,597.00	2,800.00	1,280.00		54		2,400.00	
30-8120-5300 Dues & Subscriptions	570.00	1,000.00	520.00		48		1,000.00	
30-8120-5400 Insurance & Bonds	12,243.00	15,200.00	14,894.00		2		15,200.00	
Total	\$727,893.00	\$858,205.00	\$647,884.00				\$829,149.00	
Report Total Expenditure	\$727,893.00	\$858,205.00	\$647,884.00				\$829,149.00	

ENGINEERING & UTILITIES DEPARTMENT WATER TREATMENT FACILITY

Water Treatment Facility	FY 17-18 ACTUAL	FY 18-19 BUDGET	Estimated FY 18-19 ACTUAL	Proposed FY 19-20 BUDGET
Salaries, Wages, Benefits	347,786	346,105	309,501	358,149
Materials, Supplies, Services	380,107	512,100	338,383	471,000
Capital Outlay	0	0	0	0
Total	727,893	858,205	647,884	829,149
Full Time Positions	5	5	5	5

The responsibilities of the Water Treatment facility are to provide a dependable high-quality potable water supply to meet the ongoing needs of the City, its citizens, and visitors, to be a steward of water resources and public funds, to provide high-quality service in an economical and efficient manner, and to comply with State and Federal water quality standards.



MISSION STATEMENT

The mission of the Water Treatment Facility is to transform runoff originating in Pisgah National Forest and arriving at the facility in the form of Cathey’s Creek into a dependable, high-quality supply of potable water to sustain the quality of life expected by and owed to our citizens and visitors.

BUDGET OBJECTIVES – FY 2019-2020

- Provide a dependable, high quality potable water supply to meet the ongoing needs of the City, its citizens, and visitors.
- Continue with water quality and water security initiatives, particularly with respect to the erosion of Cathey's Creek and the resultant threat to the water intake structure.
- Replace aging vehicle.
- Make assessments on Plant Generator.
- Minor infrastructure upgrades and maintenance.

GOALS ACHIEVED – FY 2018-2019

- Treated and delivered 400+ million gallons of potable water.
- Maintained State certification of our laboratory, met all State and EPA water quality standards, and performed over 4,000 chemical, physical, and bacteriological analyses.
- Continued work towards stream restoration and new intake.
- Installed new security cameras and intercom at front gate.
- Coated sludge building pumps and motors.
- Replaced and upgraded turbidimeters.

The department's Key Performance Indicators are:

- Supplying potable water reliably continuously and in adequate quantity.
- Maximizing the use of our existing facilities to supply potable water of the highest quality possible.
- Operating efficiently and within budget.
- Maintaining the rigorous schedule of required monitoring and testing.
- Successfully meeting all State and EPA water quality standards.
- Providing excellence in customer service, responding quickly and satisfactorily to all questions and concerns from our customers.
- Maintaining excellence in staff performance and morale.

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

EXPENDITURES

8120 Water Treatment Facility

8120.0200 Salaries - Regular

This line item covers the salary and wages for the Water Treatment Plant personnel as shown in the table below. There are currently five full time employees in this department: one ORC and four treatment plant operators.

8120.0210 Salaries – Over Time

This line item covers necessary overtime wages for the Water Treatment Plant. It often includes provisions for personnel to cover vacation, sick, and other unexpected occurrences requiring the presence of operators outside normal working hours.

8120.0500 FICA

This line item covers the FICA cost on the annual departmental salaries as shown in the table below.

8120.0600 Group Insurance

This line item covers the cost of providing a group health insurance plan for the Water Treatment Plant personnel as shown in the table below.

8120.0700 Retirement

This line item covers the cost of providing a retirement plan through the NC Local Government Employees Retirement System to Water Treatment Plant personnel as shown in the table below.

Budgeted Amount

FY 19-20 Salaries	Over Time	FICA	Group Insurance	Retirement
243,242	5,000	18,991	68,500	22,416

**Increase: 1.0% COLA, 2.0% Merit*

Budgeted Amount \$ 358,149

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

EXPENDITURES

8120 Water Treatment Facility

8120.0925 Professional Services

This line item covers the cost of professional services that require the work of a licensed professional such as a certified laboratory, engineer or architect, or other technical service provider. Specific projects to be undertaken are as listed.

Certification and Permit Fees	4,200
Compliance Testing, Technical Calibrations, Service Contracts	20,800
General Contracting/Consulting Services/Engineering	10,000
Cathy's Creek Intake & Stream Restoration	37,500
Sharing House	12,500

Budgeted Amount \$ 85,000

8120.1000 Training

Operator Schools, Exam Fees, Professional Development

Budgeted Amount \$ 2,500

8120.1100 Telephone

Land Line, Mobile Phones, Internet includes speed upgrade

Budgeted Amount \$ 9,000

8120.1300 Utilities

Electricity	73,000
Standby Generator Fuel	2,000

Budgeted Amount \$ 75,000

8120.1400 Travel

Lodging, Per Diem, School and Conferences

Budgeted Amount \$ 2,500

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

EXPENDITURES

8120 Water Treatment Facility

8120.1500 Maintenance and Repair - Buildings and Grounds

Miscellaneous Materials, Flooring, Doors, Windows, Basin Ladders	11,000
Perishable Tools and Materials	2,500
Contract Labor	10,000
Creek Maintenance and Sand Removal	12,000
Maintenance Services	2,500

Budgeted Amount \$ 38,000

8120.1600 Maintenance and Repair - Equipment

Perishable Tools and Materials	3,000
Plumbing Materials, Pump and Motor Replacement/Repair Parts	13,200
Contract Labor	10,000
Mower	4,800
Drying Beds Concrete	6,000

Budgeted Amount \$ 37,000

8120.1700 Maintenance and Repair - Vehicles

Vehicle Maintenance

Budgeted Amount \$ 3,000

8120.3100 Automotive Supplies

Automotive Supplies, includes Fuel, Tires, Oil, etc.
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Budgeted Amount \$ 3,000

8120.3200 Office Supplies and Materials

General Office Supplies

Budgeted Amount \$ 1,500

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

EXPENDITURES

8120 Water Treatment Facility

8120.3300 Departmental Supplies and Materials

Lab Supplies, Glassware, Sampling Kits, Protective Gear, General Supplies	10,900
Chemicals, Reagents, Replacement Probes	10,000

Budgeted Amount \$ 20,900

8120.3400 Other Supplies and Materials (Chemicals)

Poly Aluminum Chloride	27,000
Captor (Dechlorinating Agent)	10,000
Polyphosphate	13,800
Sodium Bicarbonate	88,500
Sodium Hydroxide	9,000
Sodium Hypochlorite	23,700
Polymer	3,000

Budgeted Amount \$ 175,000

8120.3600 Uniforms

Protective Clothing, Safety Shoes, Uniforms

Budgeted Amount \$ 2,400

8120.5300 Dues and Subscriptions

Association Fees	400
Operator and Facility License Fees	450
Special Use Permit for Cathy's Creek Intake	150

Budgeted Amount \$ 1,000

8120.5400 Insurance and Bonds

This line item covers the cost of a prorated portion of the property/general liability coverage as well as the applicable worker's compensation insurance.

Budgeted Amount \$ 15,200

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

EXPENDITURES

8120 Water Treatment Facility

8120.7200 Capital Outlay - Buildings

Budgeted Amount \$ -0-

8120.7300 Capital Outlay – Other Improvement

Budgeted Amount \$ -0-

8120.7400 Capital Outlay – Equipment (>\$5,000)

Budgeted Amount \$ -0-

8120 – Water Treatment Facility Department TOTAL \$ 829,149