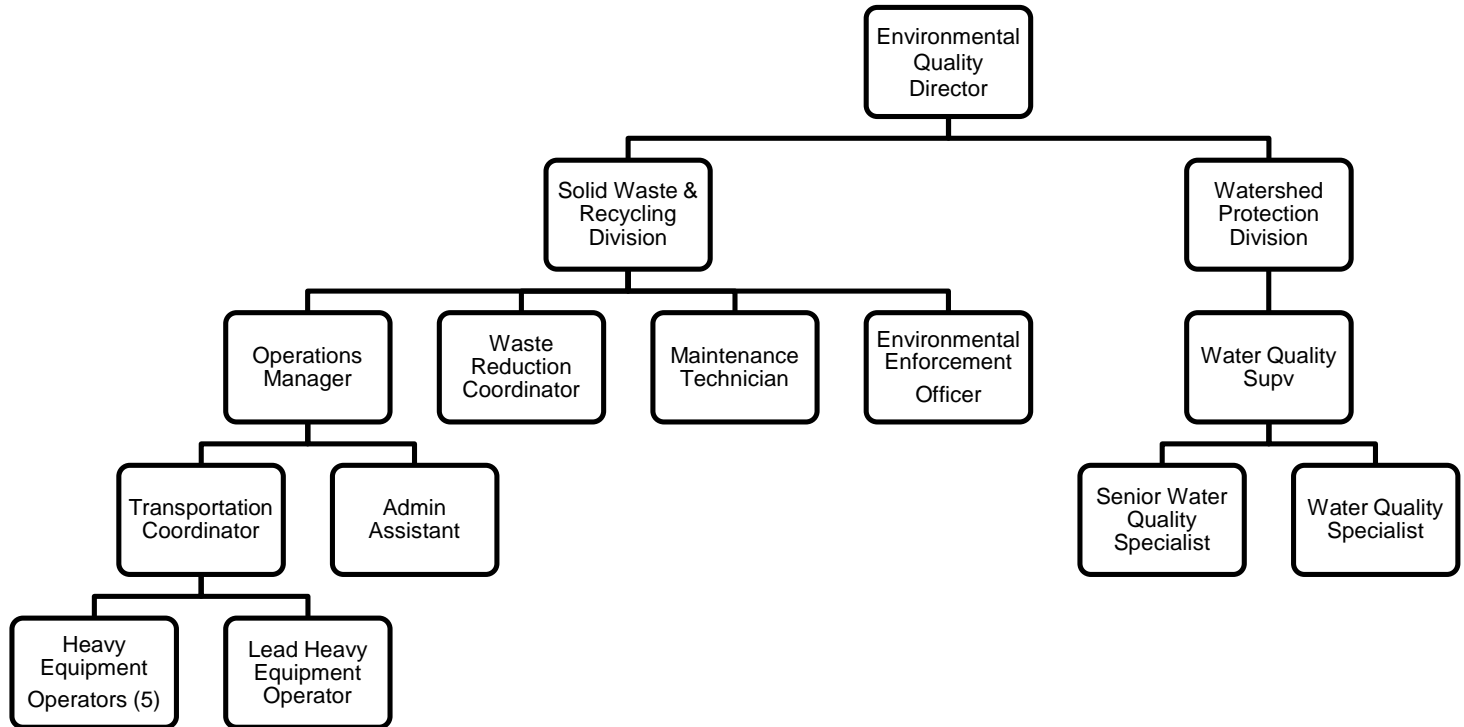


Solid Waste & Recycling

The Solid Waste & Recycling Fund accounts for the activities of Chatham County's waste management, including the collection sites, hauling, and disposal costs. The Solid Waste & Recycling Fund is an enterprise fund, which means that fees should fully support operating costs.

Major responsibilities:

1. Provide clean, safe collection centers for county residents and businesses to dispose of their household waste and recyclables
2. Provide efficient, safe handling and hauling of waste and recyclables
3. Reduce the tonnage of waste disposed
4. Educate the public and staff about effective waste reduction
5. Comply with state regulations and laws concerning disposal and landfills
6. Provide effective, safe management of special waste items, such as tires, white goods, hazardous waste and electronics
7. Provide an education and enforcement program to reduce illegal dumping, environmental infractions and misuse of collection centers



Solid Waste & Recycling Revenue

REVENUE:	A 2015 Actual	B 2016 Actual	C 2017 Amended	D 2017 Estimated	E 2018 Total Req.	F 2018 Total Rec.	G 2018 Appr. Cont.	H 2018 Appr. Exp.	I 2018 Total Appr.	J Variance	K Total % Inc./Dec.
INTERGOVERNMENTAL:											
ELECTRONICS DISPOSAL TAX	5,054	6,412	4,903	4,903	4,756	4,756	4,756	0	4,756	(147)	(3%)
NUISANCE TIRE GRANT	2,825	2,175	2,740	1,788	2,658	2,658	2,658	0	2,658	(82)	(3%)
SCRAP TIRE DISPOSAL TAX	85,452	91,145	82,889	91,000	86,450	86,450	86,450	0	86,450	3,561	4%
SOLID WASTE DISPOSAL TAX	41,934	42,997	40,000	44,000	41,800	41,800	41,800	0	41,800	1,800	5%
WASTE REDUCTION GRANT	0	0	30,000	30,000	30,000	30,000	30,000	0	30,000	0	0%
WHITE GOODS DISPOSAL GRANT	2,596	33,213	2,518	14,000	0	0	0	0	0	(2,518)	(100%)
WHITE GOODS DISPOSAL TAX	21,522	23,379	20,877	25,000	23,750	23,750	23,750	0	23,750	2,873	14%
Total Intergovernmental:	159,383	199,321	183,927	210,691	189,414	189,414	189,414	0	189,414	5,487	3%
INTEREST:											
INTEREST	19,628	24,964	10,000	19,000	18,000	18,000	18,000	0	18,000	8,000	80%
Total Interest:	19,628	24,964	10,000	19,000	18,000	18,000	18,000	0	18,000	8,000	80%
MISCELLANEOUS:											
MISCELLANEOUS - MISCELLANEOUS	49	62	0	77	0	0	0	0	0	0	0%
MISCELLANEOUS - SALE OF SURPLU	1,384	0	0	0	0	0	0	0	0	0	0%
MISCELLANEOUS / INSURANCE REIM	10,524	0	0	0	0	0	0	0	0	0	0%
SALE OF SURPLUS PROP / ASSET	4,595	(6,728)	115,000	115,000	0	0	0	0	0	(115,000)	(100%)
Total Miscellaneous:	16,552	(6,666)	115,000	115,077	0	0	0	0	0	(115,000)	(100%)
CHARGES FOR SERVICES:											
COLLECTION CENTER	2,152,930	2,202,329	2,088,342	2,231,370	2,163,980	2,163,980	2,163,980	0	2,163,980	75,638	4%
COLLECTION CENTER - TOWNS	3,902	4,387	3,785	4,000	3,672	3,672	3,672	0	3,672	(113)	(3%)
DECALS	5,530	5,930	5,364	5,364	5,204	5,204	5,204	0	5,204	(160)	(3%)
DISPOSAL FEE	628,980	614,286	610,111	625,857	607,082	607,082	607,082	0	607,082	(3,029)	(0%)
LANDFILL FEES	29,534	30,796	28,648	28,648	27,789	27,789	27,789	0	27,789	(859)	(3%)
MULCH SALES	7,169	4,532	6,954	6,954	6,746	6,746	6,746	0	6,746	(208)	(3%)
PROMOTIONAL MATERIALS	1,125	1,520	1,091	850	825	825	825	0	825	(266)	(24%)
RECYCLABLES	156,374	100,627	30,000	100,000	68,200	68,200	68,200	0	68,200	38,200	127%
Total Charges for Services:	2,985,544	2,964,407	2,774,295	3,003,043	2,883,498	2,883,498	2,883,498	0	2,883,498	109,203	4%
APPROPRIATED FUND BALANCE:											
APPROPRIATED FUND BALANCE	0	0	116,463	0	206,213	206,213	206,213	0	206,213	89,750	77%
Total Appropriated Fund Balance:	0	0	116,463	0	206,213	206,213	206,213	0	206,213	89,750	77%
TOTAL: Solid Waste & Recycling	3,181,107	3,182,026	3,199,685	3,347,811	3,297,125	3,297,125	3,297,125	0	3,297,125	194,880	3%

Budget Summary:	A 2015 Actual	B 2016 Actual	C 2017 Amended	D 2017 Estimated	E 2018 Total Req.	F 2018 Total Rec.	G 2018 Appr. Cont.	H 2018 Appr. Exp.	I 2018 Total Appr.	J Variance	K Total % Inc./Dec.
Revenues											
Intergovernmental	159,383	199,321	183,927	210,691	189,414	189,414	189,414	0	189,414	5,487	3%
Interest	19,628	24,964	10,000	19,000	18,000	18,000	18,000	0	18,000	8,000	80%
Miscellaneous	16,552	(6,666)	115,000	115,077	0	0	0	0	0	(115,000)	(100%)
Charges for Services	2,985,544	2,964,407	2,774,295	3,003,043	2,883,498	2,883,498	2,883,498	0	2,883,498	109,203	4%
Appropriated Fund Balance	0	0	116,463	0	206,213	206,213	206,213	0	206,213	89,750	77%
Total Revenues:	3,181,107	3,182,026	3,199,685	3,347,811	3,297,125	3,297,125	3,297,125	0	3,297,125	97,440	3%
Expenditures											
Salaries	446,127	496,480	562,361	566,695	561,331	578,171	578,171	0	578,171	15,810	3%
Other Salaries and Benefits	228,560	238,286	279,617	278,550	283,358	287,389	287,389	0	287,389	7,772	3%
Operating	1,917,858	1,816,283	2,122,013	1,980,971	2,393,065	2,393,065	2,393,065	0	2,393,065	271,052	13%
Transfers Out	1,055,811	351,258	0	685,000	0	0	0	0	0	0	0%
Allocations/Programs	0	0	38,500	38,500	38,500	38,500	38,500	0	38,500	0	0%
Capital Outlay	175,345	184,375	197,194	179,854	46,700	0	0	0	0	(197,194)	(100%)
Total Expenditures:	3,823,701	3,086,682	3,199,685	3,729,570	3,322,954	3,297,125	3,297,125	0	3,297,125	97,440	3%
Net Cost	642,594	(95,344)	0	381,759	25,829	0	0	0	0	0	0%
Number of County Employees	13.00	13.00	13.00	13.00	13.00	13.00	13.00	0.00	13.00	0.00	0%

One-time Expenses: The FY 2017 budget includes one-time expenses of \$124,800. The FY 2018 budget includes one-time expenses of \$369,910. If one-time expenses are subtracted, the percent difference between the FY 2017 and 2018 budgets is (4.80%).

Accomplishments:

1. Demonstrate sound fiscal stewardship and promote economic development: Constructed a centralized recycling consolidation area which was completed January 2017. Commingled recycling (i.e. single stream minus glass) began January 26, 2017.
2. Ensure effective, efficient government that is responsive to the needs and input of all residents: Annual training for all collection center attendants completed September 2016. Additional training took place January 2017 specifically about commingled recycling. Tracked hauling routes to make sure the most direct route was being taken to maximize

Department Links to Commissioner Goals:

1. Ensure effective, efficient government that is responsive to the needs and inputs of all residents: Conduct annual training for all collection center attendants to promote customer service and specific education on identifying business waste and recycling.
2. Be proactive in protecting natural resources and promoting responsible growth and land use: Become a Keep America Beautiful affiliate. Work to provide education to the Latino community through the development of materials and participation in events as the annual Family Fishing Fiesta at Jordan Lake.

- efficiency.
3. Ensure effective, efficient government that is responsive to the needs and inputs of all residents: Commingled Recycling expanded the types of plastics accepted, including rigid plastics and to-go containers. Waste sort conducted and results compared to previous waste sorts to see if recycling has increased and also to see if there are other materials that could be diverted.
 4. Ensure effective, efficient government that is responsive to the needs and inputs of all residents: Contracts secured for mixed recycling, glass recycling, cooking oil recycling, and motor oil and filters. Contracts will be in place in FY 2017 for tire disposal and scrap metal.
 5. Ensure effective, efficient government that is responsive to the needs and inputs of all residents: Online disposal guide for residents to identify local recycling options Spring 2017.
 6. Be proactive in protecting natural resources and promoting responsible growth and land use: Participated in the North Carolina Solid Waste Enforcement Officers Association.
 7. Be proactive in protecting natural resources and promoting responsible growth and land use: Maintained membership in Clean Water Education Partnership and continue to take part in regional education and outreach efforts. Provided support to Clean Jordan Lake, NC Big Sweep, and Haw River Assembly by supplying containers at clean ups.
 8. Be proactive in protecting natural resources and promoting responsible growth and land use: Stormwater basin was added to the Mixed Recycling area. Improved on-site wastewater systems at the twelve collection centers.
 9. Be proactive in protecting natural resources and promoting responsible growth and land use: Trained Environmental Enforcement Officer to look for erosion control violations.
 10. Support Pre-K through 12 and the community college in providing quality education for all students: Presented at schools promoting waste reduction and focused on commingled recycling.
 11. Ensure effective, efficient government that is responsive to the needs and inputs of all residents: Contract established with Green Zone to recycle clothing and shoes that may have otherwise been landfilled.
3. Support Pre-K through 12 and the community college in providing a quality education for all students: Provide Education to Pre-K through 12 grade students through outreach events and classroom programs.
 4. Seek and utilize partnership opportunities that will enhance effectiveness and efficiency: Collaborate with towns to improve Household Hazardous Waste (HHW) program and reduce the amount of latex paint currently going through the HHW program.
 5. Seek and utilize partnership opportunities that will enhance effectiveness and efficiency: Secure grant funding to increase recycling in areas throughout the county including parks, greenways, and downtowns.
 6. Provide and measure strong customer service throughout county government: Improve collection centers and extend service life by paving, improving drainage, and installing stormwater controls.
 7. Support Pre-K through 12 and the community college in providing a quality education for all students: Collaborate with schools to improve their recycling programs by increasing recycling and decreasing contamination.
 8. Demonstrate sound fiscal stewardship and promote economic development: Secure contracts to ensure the most efficient budget without interruption of services.(household batteries, lead acid batteries, and household hazardous waste).

Work Plan

Goal: Protect and conserve the county's natural resources by reducing overall waste disposal and ensure secure long-term disposal.

Objectives:

- Increase the total tons of material recycled that the county controls.
- Decrease annual disposal rate per customer using the collection centers and per county resident (per capita).
- Ensure the county has long-term secured disposal (greater than 20 years) for the sound management of waste.

Key Measures	FY 2014 Actual	FY 2015 Actual	FY 2016 Actual	FY 2017 Estimated	FY 2018 Projected
County-wide disposal rate per capita (person) in tons	.49		.55	.50	.50
Collection Center disposal rate per customer in pounds	32.30	32.42	34.02	35.00	32.00
The actual length of years for secured waste disposal capacity	1	1	1	5	5
County-wide local government controlled recycling rate per capita (person) in pounds (state average 276)	81.82		92.80	95.00	95.00
Percent of local government controlled recyclables diverted from landfill	7.79%	6.81%	7.12%	8.5%	8.5%

Goal: Reduce illegal dumping incidents through a cost-effective enforcement program.

Objectives:

- Increase the percentage of resolved illegal dumping complaints (either the responsible party and/or offender performs the clean-up or the clean-up is otherwise performed if the responsible party and/or offender cannot be identified) or the case is determined to be unfounded.
- Control the average cost of investigations, based on staff time/salary, equipment and supplies used

Key Measures	FY 2014 Actual	FY 2015 Actual	FY 2016 Actual	FY 2017 Estimated	FY 2018 Projected
Percent of cases resolved/unfounded	99.19%	99.50%	99.58%	99.00%	99.00%
Average cost per investigation	\$108	\$146	\$118	\$100	\$100

Goal: Ensure wise use of County funds by operating the department as a self-supporting enterprise, not funded with County property taxes.

Objectives:

- Percentage of budget subsidized by County General Fund tax revenues (property taxes).
- Minimize need for fee increases and effectively manage revenues from the two fees that support operations and services: 1. Annual solid waste fee which funds 12 waste/recycling collection centers, and 2. Disposal fee which helps cover the costs of disposing of waste
- Develop and use a checklist for monthly inspections for collection center assets as to condition and repairs needed.

Key Measures	FY 2014 Actual	FY 2015 Actual	FY 2016 Actual	FY 2017 Estimated	FY 2018 Projected
Current Solid Waste Fee for Collection Centers	\$91	\$91	\$91	\$91	\$91
Current Disposal Fee for Collection Centers	\$34	\$34	\$34	\$34	\$34

Cost of collection center maintenance as a percentage of Solid Waste & Recycling total budget	1.7%	3.0%	2.8%	3.0%	3.0%
---	------	------	------	------	------

Goal: Improve customer service by providing accessible and efficient waste disposal and recycling for Chatham County citizens.

Objectives:

- Eliminate all instances of collection center customers who are unable to dispose of their bagged household waste and common recyclables.
- Minimize the cost per pound to manage waste left at the collection centers.
- Minimize the cost per pound to manage common recyclables (cardboard, glass, magazines, newsprint, plastics, steel and aluminum cans) left at the collection centers.
- Ensure that at least 80% of customers completing the biennial survey (every two years) rate overall customer service at collection centers very good or above average.

Key Measures	FY 2014 Actual	FY 2015 Actual	FY 2016 Actual	FY 2017 Estimated	FY 2018 Projected
Total number of collection center customers	687,223	699,379	705,077	715,000	715,000
Cost per pound to manage waste	\$0.06	\$0.05	\$0.05	\$0.05	\$0.06
Cost per pound to manage common recyclables	\$0.09	\$0.12	\$0.06	\$0.06	\$0.06
Percent of biennial survey respondents rating customer service as very good or above average	NM	NM	85%	NM	85%
Number of customers unable to dispose of bagged household waste and or recyclables	0	0	0	0	0

Goal: Prevent accidents resulting in injuries to staff and damage to vehicles.

Objectives:

- Minimize the number of incidents of personal injury of staff through regular safety inspections and regular safety training for staff.
- Minimize the number of avoidable departmental vehicle incidents and vehicular property damage, through regular safety inspections and regular safety trainings.

Key Measures	FY 2014 Actual	FY 2015 Actual	FY 2016 Actual	FY 2017 Estimated	FY 2018 Projected
Actual number of (at fault) vehicular accidents	0		0	0	0
Days missed due to work-related injuries	0		10	0	0

Southeast Water District

The Southeast Water District Fund accounts for the activities of the Southeast Water District, which includes water purchases, maintenance, and debt service on water lines approved by voters of the district. Maintenance is provided by the employees of the Water Fund, which is reimbursed by the district.

Budget Summary:

	A 2015 Actual	B 2016 Actual	C 2017 Amended	D 2017 Estimated	E 2018 Total Req.	F 2018 Total Rec.	G 2018 Appr. Cont.	H 2018 Appr. Exp.	I 2018 Total Appr.	J Variance	K Total % Inc./Dec.
Revenues											
Interest	1,005	2,896	1,100	2,036	1,500	1,500	1,500	0	1,500	400	36%
Charges for Services	601,418	667,814	608,500	654,434	608,500	608,500	608,500	0	608,500	0	0%
Total Revenues	602,423	670,710	609,600	656,470	610,000	610,000	610,000	0	610,000	400	0%
Expenditures											
Operating	347,690	203,712	354,975	350,000	355,220	355,220	355,220	0	355,220	245	0%
Debt	252,228	253,607	254,625	254,625	254,780	254,780	254,780	0	254,780	155	0%
Total Expenditures	599,918	457,319	609,600	604,625	610,000	610,000	610,000	0	610,000	400	0%
Net Cost:	(2,505)	(213,391)	0	(51,845)	0	0	0	0	0	0	0%

REVENUE:	A 2015 Actual	B 2016 Actual	C 2017 Amended	D 2017 Estimated	E 2018 Total Req.	F 2018 Total Rec.	G 2018 Appr. Cont.	H 2018 Appr. Exp.	I 2018 Total Appr.	J Variance	K Total % Inc./Dec.
INTEREST:											
INTEREST	1,005	2,896	1,100	2,036	1,500	1,500	1,500	0	1,500	400	36%
Total Interest:	1,005	2,896	1,100	2,036	1,500	1,500	1,500	0	1,500	400	36%
CHARGES FOR SERVICES:											
PENALTIES - LATE FEES	4,945	5,505	6,000	4,260	6,000	6,000	6,000	0	6,000	0	0%
RECONNECTIONS	3,080	3,710	2,500	2,695	2,500	2,500	2,500	0	2,500	0	0%
TAP FEES	0	0	0	0	0	0	0	0	0	0	0%
WATER SALES	593,393	658,599	600,000	647,479	600,000	600,000	600,000	0	600,000	0	0%
Total Charges for Services:	601,418	667,814	608,500	654,434	608,500	608,500	608,500	0	608,500	0	0%
TOTAL: Southeast Water District	602,423	670,710	609,600	656,470	610,000	610,000	610,000	0	610,000	800	0%

Water

The Water Fund accounts for the activities of Chatham County's water utility, including the distribution system, water treatment plant, and a small sewer operation in the Bynum area. The Water Fund is an enterprise fund, which means that fees should fully support operating costs.

Budget Summary:

	A 2015 Actual	B 2016 Actual	C 2017 Amended	D 2017 Estimated	E 2018 Total Req.	F 2018 Total Rec.	G 2018 Appr. Cont.	H 2018 Appr. Exp.	I 2018 Total Appr.	J Variance	K Total % Inc./Dec.
Revenues											
Interest	17,065	31,760	12,000	24,367	23,000	23,000	23,000	0	23,000	11,000	92%
Miscellaneous	7,420	458	0	27,650	0	0	0	0	0	0	0%
Charges for Services	5,796,092	6,006,929	5,787,000	6,251,029	6,016,000	6,016,000	6,016,000	0	6,016,000	229,000	4%
Transfers In	0	0	0	0	0	0	0	0	0	0	0%
Appropriated Fund Balance	0	0	611,625	0	897,638	897,638	897,638	0	897,638	286,013	47%
Total Revenues	5,820,577	6,039,147	6,410,625	6,303,046	6,936,638	6,936,638	6,936,638	0	6,936,638	526,013	8%
Expenditures											
Salaries	871,619	874,970	927,828	925,174	958,159	986,908	982,775	4,133	986,908	59,080	6%
Other Salaries and Benefits	453,750	475,281	508,674	490,908	533,960	540,619	539,737	882	540,619	31,945	6%
Operating	2,176,073	2,334,832	3,406,635	3,097,070	3,720,177	3,720,177	2,970,177	750,000	3,720,177	313,542	9%
Debt	1,528,619	1,430,144	1,434,392	1,434,392	1,417,017	1,417,017	1,417,017	0	1,417,017	(17,375)	(1%)
Allocations/Programs	0	0	0	0	0	0	0	0	0	0	0%
Capital Outlay	180,815	127,317	133,096	160,052	271,917	271,917	118,452	153,465	271,917	138,821	104%
Total Expenditures	5,210,876	5,242,544	6,410,625	6,107,596	6,901,230	6,936,638	6,028,158	908,480	6,936,638	526,013	8%
Net Cost:	(609,701)	(796,603)	0	(195,450)	(35,408)	0	(908,480)	908,480	0	0	0%

Water Fund Revenue

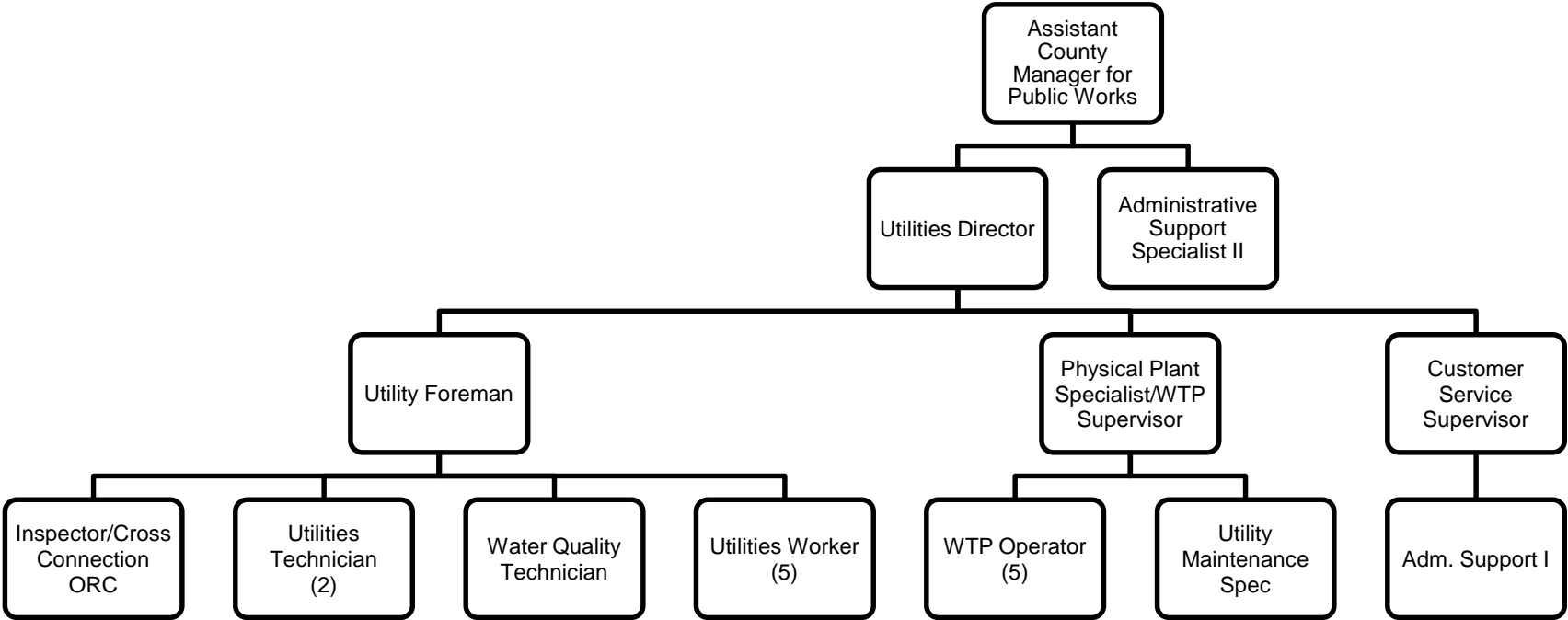
REVENUE:	A 2015 Actual	B 2016 Actual	C 2017 Amended	D 2017 Estimated	E 2018 Total Req.	F 2018 Total Rec.	G 2018 Appr. Cont.	H 2018 Appr. Exp.	I 2018 Total Appr.	J Variance	K Total % Inc./Dec.
INTEREST:											
INTEREST	17,065	31,760	12,000	24,367	23,000	23,000	23,000	0	23,000	11,000	92%
Total Interest:	17,065	31,760	12,000	24,367	23,000	23,000	23,000	0	23,000	11,000	92%
MISCELLANEOUS:											
MISCELLANEOUS - INSURANCE REIM	5,704	0	0	0	0	0	0	0	0	0	0%
MISCELLANEOUS - MISCELLANEOUS	51	27	0	0	0	0	0	0	0	0	0%
MISCELLANEOUS - SALE OF SURPLU	1,665	431	0	0	0	0	0	0	0	0	0%
SALE OF SURPLUS PROP / ASSET	0	0	0	27,650	0	0	0	0	0	0	0%
Total Miscellaneous:	7,420	458	0	27,650	0	0	0	0	0	0	0%
CHARGES FOR SERVICES:											
CONTRACT REPAIR FEES	218	0	0	0	0	0	0	0	0	0	0%
INSTALLATION FEES	92,345	101,006	82,000	105,000	95,000	95,000	95,000	0	95,000	13,000	16%
OTHER FEES	70	8,697	5,000	10,000	10,000	10,000	10,000	0	10,000	5,000	100%
PENALTIES - LATE FEES	320,179	37,050	35,000	40,486	37,000	37,000	37,000	0	37,000	2,000	6%
PLAN REVIEW	470	2,940	0	0	0	0	0	0	0	0	0%
RAW WATER JORDAN LAKE	0	0	0	8,100	0	0	0	0	0	0	0%
RECONNECTIONS	17,703	17,430	13,000	15,500	14,000	14,000	14,000	0	14,000	1,000	8%
SEWER FEES	17,366	21,334	19,000	22,000	20,000	20,000	20,000	0	20,000	1,000	5%
TAP FEES	60,200	61,300	55,000	77,000	65,000	65,000	65,000	0	65,000	10,000	18%
WATER SALES	4,939,779	5,554,471	5,238,000	5,622,943	5,450,000	5,450,000	5,450,000	0	5,450,000	212,000	4%
WATER SALES - SE DISTRICT	347,762	202,701	340,000	350,000	325,000	325,000	325,000	0	325,000	(15,000)	(4%)
Total Charges for Services:	5,796,092	6,006,929	5,787,000	6,251,029	6,016,000	6,016,000	6,016,000	0	6,016,000	229,000	4%
APPROPRIATED FUND BALANCE:											
APPROPRIATED FUND BALANCE	0	0	611,625	0	897,638	897,638	897,638	0	897,638	286,013	47%
Total Appropriated Fund Balance:	0	0	611,625	0	897,638	897,638	897,638	0	897,638	286,013	47%
TOTAL: Utility Fund	5,820,577	6,039,147	6,410,625	6,303,046	6,936,638	6,936,638	6,936,638	0	6,936,638	143,546	8%

Water - Distribution

The mission of the Water Distribution Department is to protect and manage Chatham County's water supplies and provide the highest possible quality of water and services in a reliable cost-efficient manner.

Major responsibilities:

1. Manufacture and deliver safe drinking water to customers
2. Maintain and operate the water system
3. Repair major system breaks immediately
4. Assist with building/engineering projects for the county
5. Deliver accurate monthly reports to Division of Water Quality



Budget Summary:	A 2015 Actual	B 2016 Actual	C 2017 Amended	D 2017 Estimated	E 2018 Total Req.	F 2018 Total Rec.	G 2018 Appr. Cont.	H 2018 Appr. Exp.	I 2018 Total Appr.	J Variance	K Total % Inc./Dec.
Revenues											
Interest	17,065	31,760	12,000	24,367	23,000	23,000	23,000	0	23,000	11,000	92%
Miscellaneous	7,420	458	0	27,650	0	0	0	0	0	0	0%
Charges for Services	5,796,092	6,006,929	5,787,000	6,251,029	6,016,000	6,016,000	6,016,000	0	6,016,000	229,000	4%
Appropriated Fund Balance	0	0	611,625	0	897,638	897,638	897,638	0	897,638	286,013	47%
Total Revenues:	5,820,577	6,039,147	6,410,625	6,303,046	6,936,638	6,936,638	6,936,638	0	6,936,638	526,013	8%
Expenditures											
Salaries	595,588	637,643	649,488	664,880	683,058	703,552	699,419	4,133	703,552	54,064	8%
Other Salaries and Benefits	283,775	290,033	328,938	316,939	353,000	357,798	356,916	882	357,798	28,860	9%
Operating	1,594,745	1,598,323	2,219,492	2,008,279	2,006,418	2,006,418	2,006,418	0	2,006,418	(213,074)	(10%)
Debt	1,528,619	1,430,144	1,434,392	1,434,392	1,417,017	1,417,017	1,417,017	0	1,417,017	(17,375)	(1%)
Capital Outlay	9,365	127,317	98,599	125,555	271,917	271,917	118,452	153,465	271,917	173,318	176%
Total Expenditures:	4,012,092	4,083,460	4,730,909	4,550,045	4,731,410	4,756,702	4,598,222	158,480	4,756,702	25,793	1%
Net Cost	(1,808,485)	(1,955,687)	(1,679,716)	(1,753,001)	(2,205,228)	(2,179,936)	(2,338,416)	158,480	(2,179,936)	(500,220)	30%
Number of County Employees	15.00	15.00	16.00	16.00	16.00	16.00	16.00	0.00	16.00	0.00	0%

One-time Expenses: The FY 2017 budget includes one-time expenses of \$331,100. The FY 2018 budget includes one-time expenses of \$10,835. If one-time expenses are subtracted, the percent difference between the FY 2017 and 2018 budgets is 7.87%.

Cuts or Expansion Approved:

Reclassification: Net Cost: \$1,063

Reclassification: Net Cost: \$3,945

Hydro-excavator. In recent years the presence of underground utilities has increased, presenting dangerous situations during excavation for the installation and repair of water lines. The Public Works Department is proposing the purchase of a hydro-excavating machine to assist in excavating around the other buried utilities. Companies are increasingly installing underground infrastructure throughout the county. When utilities staff has to make a repair or install new service, the other underground utilities are an issue from an operational and efficiency standpoint, but more importantly, from a safety standpoint. Underground electric and gas pose the greatest threat. Due to the crowded nature of the other utilities, staff has experienced numerous situations in which it's extremely difficult to perform tasks involving excavation without damaging other utilities, despite them being marked. If other utilities are damaged, customers are not only without water, but possibly could be without power, gas, cable and phone. Because of the different utilities close proximity to each other a backhoe is not always an option. Purchasing the hydro-excavator will allow staff to excavate these areas more safely and much quicker than hand digging, which is tedious and labor intensive.

Net Cost: \$153,465

Department Links to Commissioner Goals:

1. Ensure effective, efficient government: Replace the current undersized four-inch Haywood water main with a six-inch main, as required by NCDEQ to ensure adequate fire protection.
2. Protect the environment and drinking water: Protect water quality through replacement of the Nature Trail Mobile Home Park distribution system.
3. Protect the environment and drinking water: Implement county-wide hydrant and valve management plan.
4. Explore partnerships: Pittsboro Interconnection Study

Work Plan

Goal: Provide water that meets state safe drinking water guidelines in order to supply Chatham County residents with clean, potable drinking water

Objectives:

- Reduce the number of NOVs to 2
- 100% of locates complete within required 3 days

Key Measures	FY 2014 Actual	FY 2015 Actual	FY 2016 Actual	FY 2017 Estimated	FY 2018 Projected
Number of Notices of Violation	1	0	0	1	1
Percent of locates			90%	100%	100%

Goal: Offer services and information to Chatham County water customers in a prompt and courteous manner in order to provide them with excellent customer service.

Objectives:

- Increase the percentage of customers who are satisfied with our services from 85% to 90%

Key Measures	FY 2014 Actual	FY 2015 Actual	FY 2016 Actual	FY 2017 Estimated	FY 2018 Projected
Percent of customers reporting that they are satisfied or very satisfied with our service through survey.	78%	85%	80%	85%	90%

Water - Wastewater Treatment

Budget Summary:	A 2015 Actual	B 2016 Actual	C 2017 Amended	D 2017 Estimated	E 2018 Total Req.	F 2018 Total Rec.	G 2018 Appr. Cont.	H 2018 Appr. Exp.	I 2018 Total Appr.	J Variance	K Total % Inc./Dec.
Expenditures											
Operating	12,829	141,118	170,786	160,372	901,039	901,039	151,039	750,000	901,039	730,253	428%
Total Expenditures:	12,829	141,118	170,786	160,372	901,039	901,039	151,039	750,000	901,039	730,253	428%
Net Cost	12,829	141,118	170,786	160,372	901,039	901,039	151,039	750,000	901,039	730,253	428%
Number of County Employees	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0%

One-time Expenses: The FY 2017 budget includes one-time expenses of \$20,000. The FY 2018 budget includes one-time expenses of \$750,000. If one-time expenses are subtracted, the percent difference between the FY 2017 and 2018 budgets is .17%.

Cuts or Expansion Approved:

Siler City Wastewater Treatment Plant Net Cost: \$750,000

Accomplishments:

1. Protect the environment and drinking water: Received no notices of violation (NOVs) for the Bynum Wastewater Treatment Plant.

Water - Water Treatment

Budget Summary:	A 2015 Actual	B 2016 Actual	C 2017 Amended	D 2017 Estimated	E 2018 Total Req.	F 2018 Total Rec.	G 2018 Appr. Cont.	H 2018 Appr. Exp.	I 2018 Total Appr.	J Variance	K Total % Inc./Dec.
Expenditures											
Salaries	276,031	237,327	278,340	260,294	275,101	283,356	283,356	0	283,356	5,016	2%
Other Salaries and Benefits	169,975	185,248	179,736	173,969	180,960	182,821	182,821	0	182,821	3,085	2%
Operating	568,499	595,391	1,016,357	928,419	812,720	812,720	812,720	0	812,720	(203,637)	(20%)
Capital Outlay	171,450	0	34,497	34,497	0	0	0	0	0	(34,497)	(100%)
Total Expenditures:	1,185,955	1,017,966	1,508,930	1,397,179	1,268,781	1,278,897	1,278,897	0	1,278,897	(230,033)	(15%)
Net Cost	1,185,955	1,017,966	1,508,930	1,397,179	1,268,781	1,278,897	1,278,897	0	1,278,897	(230,033)	(15%)
Number of County Employees	7.00	7.00	7.00	7.00	7.00	7.00	7.00	0.00	7.00	0.00	0%

One-time Expenses: The FY 2017 budget includes one-time expenses of \$330,000. The FY 2018 budget includes one-time expenses of \$146,345. If one-time expenses are subtracted, the percent difference between the FY 2017 and 2018 budgets is (3.93%).

Accomplishments:

1. Protect the environment and drinking water: Received no notices of violation (NOVs) for the Water Treatment Plant
2. Seek opportunities to partner: Joined the Jordan Lake Partnership; worked with the City of Durham, the Town of Pittsboro and OWASA to begin to develop a plan for a new intake on Jordan Lake.
3. Protect the environment and drinking water: Replaced the filter media, upgraded the SCADA system and dredged the lagoon at the Water Treatment Plant

Department Links to Commissioner Goals:

1. Explore partnerships: Work with regional partners to support long-range water supply planning and expand/update information on potential raw water sources.