

**CITY OF DURHAM
WATER AND WASTEWATER CAPITAL IMPROVEMENTS PROJECT ORDINANCE
FISCAL YEAR 2016-17**

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF DURHAM, that the following capital projects are authorized:

SUMMARY	
Water	\$ 241,422,083
Wastewater	233,597,814
TOTAL	\$ 475,019,897

Section 1. Description of Projects

(a) Water

Number	Project Title	Revenue Source	Appropriation	Revenue
1	Asbestos Cement Line Replacement P0100	Water and Sewer Construction Fund Revenue Bonds	750,000	250,000 500,000
2	Automated Meter Replacement P0410	Revenue Bonds Water and Sewer Operating Fund	6,685,707	4,557,253 2,128,454
3	Brown Water Treatment Plant Expansion and Rehabilitation P0200	Water and Sewer Operating Fund Revenue Bonds Capital Facilities Fee Fund General Obligation Bonds (2005)	13,577,957	2,798,933 3,065,563 6,713,461 1,000,000
4	Downtown East-West Reinforcing Main P0420	Water and Sewer Operating Fund	3,850,000	3,850,000
5	Elevated Storage Tank P0401	Revenue Bonds Water and Sewer Operating Fund Water and Sewer Construction Fund	1,510,606	470,900 842,598 197,108
6	Jordan Lake Water Treatment Plant P0610	Revenue Bonds Future Revenue Bonds Water and Sewer Operating Fund Water and Sewer Construction Fund	5,182,146	103,948 2,250,000 2,344,837 483,361
7	Lake Michie and Little River Rehabilitation P0500	Water and Sewer Operating Fund	5,246,238	5,246,238
8	Southeast Distribution System Expansion P0B08	Water and Sewer Construction Fund Water and Sewer Operating Fund Revenue Bonds	7,162,000	466,674 6,532,383 162,943
9	Teer Quarry Water Supply Phase II P0800	Future Revenue Bonds Capital Facilities Fee Fund Revenue Bonds	15,016,950	12,643,450 2,173,500 200,000
10	Two-Inch Water Main Replacement P0900	Water and Sewer Operating Fund Water and Sewer Construction Fund Revenue Bonds	2,088,000	558,000 300,000 1,230,000

11	Water Distribution System Rehabilitation P0B01		46,673,503	
		Water and Sewer Operating Fund		16,552,331
		Water and Sewer Construction Fund		628,377
		Distributed Interest		92,663
		Future Revenue Bonds		22,173,177
		Miscellaneous Operating Revenue		237,852
		Revenue Bonds		85,043
		Transfer from Solid Waste Fund		3,406,394
		Transfer from Ball Park Fund		2,420,886
		General Obligation Bonds (2005)		1,076,780
12	Water Facilities Rehabilitation P0B09		36,615,219	
		Future Revenue Bonds		29,589,837
		Revenue Bonds (2009)		3,982,648
		Investment Income		39,800
		Water and Sewer Construction Fund		58,534
		Water and Sewer Operating Fund		2,944,400
13	Water - Future Supply/Source Protection P0B03		8,373,721	
		Future Revenue Bonds		4,321,392
		Water and Sewer Operating Fund		2,237,166
		Water and Sewer Construction Fund		1,182,230
		Distributed Interest		287,851
		Revenue Bonds		345,082
14	Water Lines Extensions & Improvements P0A00		6,242,280	
		Future Revenue Bonds		4,212,620
		Sale of Land		500
		Water and Sewer Operating Fund		1,841,905
		Loans		115,489
		Revenue Bonds		52,520
		General Obligation Bonds (2005)		19,246
15	Water Regulatory Improvements P0B06		35,268,000	
		Future Revenue Bonds		31,335,851
		Revenue Bonds (2009)		564,395
		Water and Sewer Operating Fund		2,221,639
		Water and Sewer Construction Fund		1,146,115
16	Water Residuals Handling P0B10		45,550,000	
		Water and Sewer Operating Fund		2,971,504
		Water and Sewer Construction Fund		248,568
		Investment Income		246,028
		Future Revenue Bonds		42,083,900
17	Water & Sewer Fleet Vehicles S4116		718,254	
		Fleet 2016 Pay-As-You-Go		718,254
18	Water & Sewer Fleet Vehicles S4117		911,502	
		Fleet 2017 Pay-As-You-Go		911,502
TOTAL			\$ 241,422,083	\$ 241,422,083

(b) Wastewater

Number	Project Title	Revenue Source	Appropriation	Revenue
1	Enhanced Nitrogen Removal P2130		18,723,704	
		Distributed Interest		516,280
		Investment Income		78,715
		Loans		611,225
		Transfer from Reserves		1,217,455
		Water and Sewer Operating Fund		11,874,358
		Revenue Bonds		919,246
		Future Revenue Bonds		3,506,425
2	Facility Paving P2110		2,488,665	
		Water and Sewer Construction Fund		330,000
		Future Revenue Bonds		770,000
		Water and Sewer Operating Fund		1,388,665

3	Orange Co. Economic Development Zone Improvements P2650		950,000	
		Water and Sewer Operating Fund		950,000
4	Reclaimed Water Systems Phase I & II P2530		2,181,000	
		Revenue Bonds		48,750
		Water and Sewer Operating Fund		580,250
		Future Revenue Bonds		1,552,000
5	Sewer Collection System Rehabilitation P2800		35,993,804	
		Water and Sewer Operating Fund		11,637,521
		Water and Sewer Construction Fund		945,957
		Distributed Interest		33,967
		Revenue Bonds		376,778
		Future Revenue Bonds		21,908,364
		General Obligation Bonds (2005)		1,091,217
6	Sewer Lines Extensions & Improvements P2600		8,796,842	
		Water and Sewer Construction Fund		1,508,462
		Transfer from Reserves		400,937
		Future Revenue Bonds		6,775,522
		Revenue Bonds		29,596
		General Obligation Bonds (2005)		82,325
7	Southeast Regional Lift Station P2840		4,700,000	
		Future Revenue Bonds		4,700,000
8	Wastewater Process Rehabilitation P2510		98,763,799	
		Future Revenue Bonds		80,819,703
		Revenue Bonds		2,465,754
		Distributed Interest		109,889
		Capital Facilities Fee Fund		4,304,805
		Water and Sewer Operating Fund		9,296,868
		Water and Sewer Construction Fund		1,766,780
9	Water Mgmt. Facility Expansion P2120		61,000,000	
		Future Revenue Bonds		57,570,016
		Water and Sewer Construction Fund		411,023
		Water and Sewer Operating Fund		3,018,961
TOTAL			\$ 233,597,814	\$ 233,597,814

Section 2. Each project authorized by this ordinance is for the period of July 1, 2016 through June 30, 2017.

Section 3. The City Manager is hereby authorized to undertake each project listed under "Project Title" above within the limitations of the revenues listed as associated with it under "Revenue Source." The amounts listed under "Revenue Source" are estimated to be available for the project. Each of the amounts listed under "Appropriation" is hereby appropriated for the project in its row. In case of conflict, the dollar amounts listed in the "Appropriation" and "Revenue" columns control over the dollar amounts shown in the "Summary" section of this ordinance.

Section 4. This Capital Improvement Projects Ordinance is adopted pursuant to G.S. Section 159-13.2 in the Local Government Budget and Fiscal Control Act.

Section 5. Any other ordinances that conflict with this ordinance are hereby repealed to the extent of the conflict.

Section 6. Within five days after adoption, the City Clerk shall file a copy of this ordinance with the Director of Finance and the Budget Director.

Section 7. This ordinance shall be in full force and effect from and after its passage.