

CITY OF DURHAM
WATER AND WASTEWATER CAPITAL IMPROVEMENTS PROJECT ORDINANCE
FISCAL YEAR 2011-12

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

SUMMARY	
Water	\$ 198,124,578
Wastewater	107,447,802
TOTAL	\$ 305,572,380

Section 1. Description of Projects

(a) Water

Number	Project Title	Revenue Source	Appropriation	Revenue
1	Asbestos Cement Line Replacement	Water and Sewer Construction Fund	750,000	250,000
		Revenue Bonds		500,000
2	Automated Meter Replacement	Future Revenue Bonds	19,800,000	14,400,000
		Water and Sewer Operating Fund		5,400,000
3	Brown Water Treatment Plant Expansion and Rehabilitation	Water and Sewer Operating Fund	13,577,957	1,520,957
		Water and Sewer Construction Fund		5,570,000
		Revenue Bonds		3,457,920
		Capital Facilities Fee Fund		2,029,080
4	Cary Water System Interconnection	General Obligation Bonds (2005)	3,000,000	1,000,000
		Water and Sewer Construction Fund		3,000,000
5	Finished Water Storage and Pressurization	Future Revenue Bonds	7,334,713	6,100,000
		Water and Sewer Operating Fund		34,713
		Water and Sewer Construction Fund		1,200,000
6	Jordan Lake Water Treatment Plant	Future Revenue Bonds	1,500,000	1,000,000
		Water and Sewer Construction Fund		500,000
7	Lake Michie and Little River Rehabilitation	Water and Sewer Operating Fund	1,943,361	743,361
		Future Revenue Bonds		1,200,000
8	Raleigh Water Interconnection	Future Revenue Bonds	5,925,000	5,175,000
		Revenue Bonds		750,000
9	Southeast Distribution System Expansion	Future Revenue Bonds	7,162,000	7,162,000
10	Southern Reinforcing Main Phase I	Water and Sewer Operating Fund	5,500,000	500,000
		Future Revenue Bonds		400,000
		General Obligation Bonds (2005)		4,600,000
11	Southern Reinforcing Main Phase 2	Future Revenue Bonds	9,150,000	9,150,000
12	Teer Quarry Water Supply Phase II	Future Revenue Bonds	15,516,950	9,963,450
		Water and Sewer Operating Fund		3,180,000
		Capital Facilities Fee Fund		2,173,500
		Revenue Bonds		200,000

13	Two-Inch Water Main Replacement		2,088,000	
		Water and Sewer Operating Fund		558,000
		Water and Sewer Construction Fund		300,000
		Revenue Bonds		1,230,000
14	Water Distribution System Rehabilitation		24,700,000	
		Water and Sewer Operating Fund		11,278,341
		Future Revenue Bonds		11,721,659
		General Obligation Bonds (2005)		1,700,000
15	Water Facilities Rehabilitation		24,494,000	
		Future Revenue Bonds		22,983,223
		Water and Sewer Operating Fund		1,510,777
16	Water - Future Supply/Source Protection		3,124,921	
		Future Revenue Bonds		1,200,000
		Water and Sewer Construction Fund		924,921
		Revenue Bonds		1,000,000
17	Water Lines Extensions and Improvements		8,226,005	
		Future Revenue Bonds		2,000,000
		Pay-As-You-Go		1,250,000
		Water and Sewer Operating Fund		843,228
		Water and Sewer Construction Fund		1,629,777
		Revenue Bonds		2,250,000
		General Obligation Bonds (2005)		253,000
18	Water Regulatory Improvements		33,768,000	
		Future Revenue Bonds		31,508,000
		Water and Sewer Construction Fund		2,260,000
19	Water Residuals Handling		5,250,000	
		Future Revenue Bonds		5,250,000
20	Water Supply Facilities Security Improvements		2,258,400	
		Water and Sewer Operating Fund		800,000
		Water and Sewer Construction Fund		450,000
		Federal EPA Grant		1,008,400
21	Williams Water Treatment Plant Rehabilitation Phases 5 & 6		3,055,271	
		Water and Sewer Operating Fund		3,055,271
	TOTAL		\$ 198,124,578	\$ 198,124,578

(b) Wastewater

Number	Project Title	Revenue Source	Appropriation	Revenue
1	Enhanced Nitrogen Removal	Future Revenue Bonds	14,596,000	14,596,000
2	Facility Paving	Pay-As-You-Go	2,260,000	860,000
		Water and Sewer Construction Fund		330,000
		Future Revenue Bonds		770,000
		Water and Sewer Operating Fund		300,000
3	ND/ SD WRF Automation Systems Upgrade	Water and Sewer Operating Fund	1,525,000	1,525,000
4	North Durham Water Reclamation Facility - Improvements & LFG	Water and Sewer Construction Fund	9,874,973	1,674,973
		Interest Earnings		635,070
		Sewer Bonds (1990)		864,930
		General Obligation Bonds (2005)		6,700,000
5	NDWRF Sludge Pad Cover	Future Revenue Bonds	1,967,000	802,625
		Capital Facilities Fee Fund		1,164,375
6	Reclaimed Water Systems Phase 1 & 2	Future Revenue Bonds	1,631,000	1,631,000
7	Sewer Collection System Rehabilitation	Water and Sewer Operating Fund	38,343,749	13,810,019
		Pay-As-You-Go		2,000,000
		Water and Sewer Construction Fund		8,706,843
		Revenue Bonds		2,187,769
		Future Revenue Bonds		6,289,118
		2/3 Bond - Series 2004		500,000
		General Obligation Bonds (2005)		4,850,000
8	Sewer Lines Extensions and Improvements	Water and Sewer Construction Fund	8,827,080	2,081,732
		Pay-As-You-Go		1,500,000
		Future Revenue Bonds		5,000,000
		General Obligation Bonds (2005)		245,348
9	Wastewater Process Rehabilitation	Future Revenue Bonds	22,035,000	17,094,606
		Capital Facilities Fee Fund		1,055,394
		Water and Sewer Construction Fund		3,885,000
10	Water Mgmt Facility Expansion	Future Revenue Bonds	2,800,000	2,000,000
		Water and Sewer Construction Fund		500,000
		Water and Sewer Operating Fund		300,000
11	SDWRF Sludge Pad Expansion	Future Revenue Bonds	3,588,000	3,588,000
TOTAL			\$ 107,447,802	\$ 107,447,802

Section 2. Each project authorized by this ordinance is for the period of July 1, 2011 through June 30, 2012.

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.

**APPROVED BY
CITY COUNCIL**

JUN 20 2011

J. Paul Gray
CITY CLERK