

**CITY OF DURHAM
WATER AND WASTEWATER CAPITAL IMPROVEMENTS PROJECT ORDINANCE
FISCAL YEAR 2012-13**

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

SUMMARY	
Water	\$ 209,297,354
Wastewater	129,200,802
TOTAL	\$ 338,498,156

Section 1. Description of Projects

(a) Water

Number	Project Title	Revenue Source	Appropriation	Revenue
1	Asbestos Cement Line Replacement	Water and Sewer Construction Fund Revenue Bonds	750,000	250,000 500,000
2	Automated Meter Replacement	Pay-As-You-Go Future Revenue Bonds Water and Sewer Operating Fund	20,600,000	257,000 14,943,000 5,400,000
3	Brown Water Treatment Plant Expansion and Rehabilitation	Water and Sewer Operating Fund Water and Sewer Construction Fund Revenue Bonds Capital Facilities Fee Fund General Obligation Bonds (2005)	13,577,957	1,520,957 5,570,000 3,457,920 2,029,080 1,000,000
4	Cary Water System Interconnection	Water and Sewer Construction Fund	3,000,000	3,000,000
5	Downtown East-West Reinforcing Main	Pay-As-You-Go	250,000	250,000
6	Finished Water Storage and Pressurization	Future Revenue Bonds Water and Sewer Operating Fund Water and Sewer Construction Fund	7,334,713	6,100,000 34,713 1,200,000
7	Jordan Lake Water Treatment Plant	Future Revenue Bonds Water and Sewer Construction Fund	1,500,000	1,000,000 500,000
8	Lake Michie and Little River Rehabilitation	Water and Sewer Operating Fund Future Revenue Bonds	2,443,361	743,361 1,700,000
9	Raleigh Water Interconnection	Future Revenue Bonds Revenue Bonds	5,925,000	5,175,000 750,000
10	Southeast Distribution System Expansion	Future Revenue Bonds	7,162,000	7,162,000
11	Southern Reinforcing Main Phase I	Water and Sewer Operating Fund Pay-As-You-Go Future Revenue Bonds General Obligation Bonds (2005)	6,600,000	500,000 1,100,000 400,000 4,600,000
12	Southern Reinforcing Main Phase 2	Future Revenue Bonds	9,150,000	9,150,000
13	Teer Quarry Water Supply Phase II	Future Revenue Bonds Water and Sewer Operating Fund Capital Facilities Fee Fund Revenue Bonds	15,516,950	9,963,450 3,180,000 2,173,500 200,000

14	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
15	Water Distribution System Rehabilitation		26,800,000	
		Water and Sewer Operating Fund		11,278,341
		Future Revenue Bonds		13,821,659
		General Obligation Bonds (2005)		1,700,000
16	Water Facilities Rehabilitation		25,794,000	
		Future Revenue Bonds		24,283,223
		Water and Sewer Operating Fund		1,510,777
17	Water - Future Supply/Source Protection		3,624,921	
		Future Revenue Bonds		1,700,000
		Water and Sewer Construction Fund		924,921
		Revenue Bonds		1,000,000
18	Water Lines Extensions and Improvements		10,226,005	
		Future Revenue Bonds		2,000,000
		Pay-As-You-Go		3,250,000
		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
19	Water Regulatory Improvements		33,768,000	
		Future Revenue Bonds		31,508,000
		Water and Sewer Construction Fund		2,260,000
20	Water Residuals Handling		6,550,000	
		Pay-As-You-Go		1,300,000
		Future Revenue Bonds		5,250,000
21	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
22	Williams Water Treatment Plant Rehabilitation Phases 5 & 6		3,055,271	
		Water and Sewer Operating Fund		3,055,271
23	Water & Sewer Fleet Vehicles		1,322,776	
		Transfer from Fleet		567,594
		Fleet 2013		295,682
		Transfer from Water & Sewer		459,500
TOTAL			\$ 209,297,354	\$ 209,297,354

(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	2,860,000	1,460,000
		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	9,827,973	1,627,973
		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	Orange Co. Economic Development Zone Improvements	Pay-As-You-Go	700,000	700,000
7	Reclaimed Water Systems Phase 1 & 2	Future Revenue Bonds	1,631,000	1,631,000
8	SDWRF Sludge Pad Expansion	Future Revenue Bonds	3,588,000	3,588,000
9	Sewer Collection System Rehabilitation	Water and Sewer Operating Fund	45,843,749	13,810,019
		Pay-As-You-Go		2,500,000
		Water and Sewer Construction Fund		8,706,843
		Revenue Bonds		2,187,769
		Future Revenue Bonds		13,289,118
		2/3 Bond - Series 2004		500,000
		General Obligation Bonds (2005)		4,850,000
10	Sewer Lines Extensions and Improvements	Water and Sewer Construction Fund	10,327,080	2,081,732
		Pay-As-You-Go		3,000,000
		Future Revenue Bonds		5,000,000
		General Obligation Bonds (2005)		245,348
11	Wastewater Process Rehabilitation	Future Revenue Bonds	28,535,000	21,594,606
		Pay-As-You-Go		2,000,000
		Capital Facilities Fee Fund		1,055,394
		Water and Sewer Construction Fund		3,885,000
12	Water Mgmt Facility Expansion	Pay-As-You-Go	7,800,000	2,000,000
		Future Revenue Bonds		5,000,000
		Water and Sewer Construction Fund		500,000
		Water and Sewer Operating Fund		300,000
TOTAL			\$ 129,200,802	\$ 129,200,802

Section 2. Each project authorized by this ordinance is for the period of July 1, 2012 through June 30, 2013.

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.