

**CITY OF DURHAM**  
**WATER AND WASTEWATER CAPITAL IMPROVEMENTS PROJECT ORDINANCE**  
**FISCAL YEAR 2010-11**

ORDINANCE #14026

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

SUMMARY	
Water	\$ 177,580,818
Wastewater	90,069,454
<b>TOTAL</b>	<b>\$ 267,650,272</b>

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
		General Obligation Bonds (2005)		1,000,000
4	Cary Water System Interconnection	Water and Sewer Construction Fund	3,000,000	3,000,000
5	Facility Paving	Future Revenue Bonds	770,000	770,000
6	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
7	Jordan Lake Water Treatment Plant	Future Revenue Bonds	1,500,000	1,000,000
		Water and Sewer Construction Fund		500,000
8	Lake Michie and Little River Rehabilitation	Water and Sewer Operating Fund	1,083,361	743,361
		Future Revenue Bonds		340,000
9	Raleigh Water Interconnection	Future Revenue Bonds	5,925,000	5,175,000
		Revenue Bonds		750,000
10	Southeast Distribution System Expansion	Future Revenue Bonds	800,000	800,000
11	Southern Reinforcing Main Phase I	Water and Sewer Operating Fund	5,500,000	500,000
		Revenue Bonds		400,000
		General Obligation Bonds (2005)		4,600,000
12	Southern Reinforcing Main Phase 2	Future Revenue Bonds	3,800,000	3,800,000

13	Teer Quarry Water Supply Phase II		15,516,950	
		Future Revenue Bonds		9,963,450
		Water and Sewer Operating Fund		3,180,000
		Capital Facilities Fee Fund		2,173,500
		Revenue Bonds		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		22,700,000	
		Water and Sewer Operating Fund		11,278,341
		Future Revenue Bonds		9,721,659
		General Obligation Bonds (2005)		1,700,000
16	Water Facilities Rehabilitation		21,304,000	
		Future Revenue Bonds		19,793,223
		Water and Sewer Operating Fund		1,510,777
17	Water - Future Supply/Source Protection		2,624,921	
		Future Revenue Bonds		700,000
		Water and Sewer Construction Fund		924,921
		Revenue Bonds		1,000,000
18	Water Lines Extensions and Improvements		10,424,245	
		Future Revenue Bonds		2,000,000
		Water and Sewer Operating Fund		1,754,305
		Water and Sewer Construction Fund		4,019,940
		Revenue Bonds		2,250,000
		General Obligation Bonds (2005)		400,000
19	Water Regulatory Improvements		33,768,000	
		Future Revenue Bonds		31,508,000
		Water and Sewer Construction Fund		2,260,000
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		3,055,271	
	Rehabilitation Phases 5 & 6	Water and Sewer Operating Fund		3,055,271
<b>TOTAL</b>			<b>\$ 177,580,818</b>	<b>\$ 177,580,818</b>

(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	Water and Sewer Construction Fund Water and Sewer Operating Fund	630,000	330,000 300,000
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 Interest Earnings Sewer Bonds (1990) General Obligation Bonds (2005)	9,874,973	1,674,973 635,070 864,930 6,700,000
5	NDWRF Sludge Pad Cover	Future Revenue Bonds Capital Facilities Fee Fund	1,967,000	802,625 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 Water and Sewer Construction Fund Revenue Bonds Future Revenue Bonds 2/3 Bond - Series 2004 General Obligation Bonds (2005)	36,343,749	13,810,019 8,706,843 2,187,769 6,289,118 500,000 4,850,000
8	Sewer Lines Extensions and Improvements	Water and Sewer Construction Fund Future Revenue Bonds General Obligation Bonds (2005)	7,831,732	2,081,732 5,000,000 750,000
9	Wastewater Process Rehabilitation	Future Revenue Bonds Capital Facilities Fee Fund Water and Sewer Construction Fund	14,385,000	9,444,606 1,055,394 3,885,000
10	Water Mgmt Facility Expansion	Water and Sewer Construction Fund Water and Sewer Operating Fund	800,000	500,000 300,000
11	SDWRF Sludge Pad Expansion	Future Revenue Bonds	485,000	485,000
<b>TOTAL</b>			<b>\$ 90,069,454</b>	<b>\$ 90,069,454</b>

Section 2. Each project authorized by this ordinance is for the period of July 1, 2010 through June 30, 2011.

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.

**APPROVED BY  
CITY COUNCIL**

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

**JUN 21 2010**

**CITY CLERK**  
*D. Ruth Gray*