

Program Category: Water**SUMMARY BY PROJECT**

Category	Prior Year	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future Years	Total Request
Asbestos Cement Water Main Replacement	750,000	0	0	0	0	0	0	0	750,000
Automated Meter Replacement	19,800,000	0	0	0	0	0	0	0	19,800,000
Brown WTP Expansion, Phase 2	13,577,957	0	0	0	0	0	0	0	13,577,957
Cary Water System Interconnection	3,000,000	0	0	0	0	0	0	0	3,000,000
Finished Water Storage and Pressurization	7,334,713	0	0	0	0	0	0	0	7,334,713
Jordan Lake WTP	1,500,000	0	0	5,000,000	0	8,000,000	0	80,000,000	94,500,000
Lake Michie & Little River Rehabilitation	1,083,361	860,000	300,000	500,000	500,000	500,000	500,000	1,000,000	5,243,361
Raleigh Interconnection	5,925,000	0	0	0	0	0	0	0	5,925,000
Southeast Distribution System Expansion	800,000	6,362,000	0	0	0	0	0	0	7,162,000
Southern Reinforcing Main - Phase I	5,500,000	0	0	0	0	0	0	0	5,500,000
Southern Reinforcing Main - Phase II	3,800,000	5,350,000	0	0	0	0	0	0	9,150,000
Teer Quarry Water Supply Project, Phase 2	15,516,950	0	6,740,000	0	0	0	0	0	22,256,950
Water Distribution System Rehabilitation	22,700,000	2,000,000	7,000,000	7,000,000	7,000,000	7,000,000	7,000,000	14,000,000	73,700,000
Water Extensions & Improvements	10,424,245	1,250,000	1,250,000	1,250,000	1,250,000	1,250,000	1,250,000	2,500,000	20,424,245
Water Facilities Rehabilitation	21,304,000	3,190,000	1,603,000	1,300,000	1,700,000	1,300,000	1,300,000	2,600,000	34,297,000
Water Regulatory Improvements	33,768,000	0	0	0	0	0	0	0	33,768,000
Water Residuals Handling	0	5,250,000	26,400,000	2,260,000	9,900,000	600,000	4,070,000	0	48,480,000

Water-Future Supply/Source Protection	2,624,921	500,000	500,000	500,000	500,000	500,000	500,000	1,000,000	6,624,921
Williams WTP Improvements, Phases 5 & 6	3,055,271	0	0	0	0	0	0	0	3,055,271
	\$172,464,418	\$24,762,000	\$43,793,000	\$17,810,000	\$20,850,000	\$19,150,000	14,620,000	01,100,000	\$414,549,418

SUMMARY BY REVENUE SOURCE

Category	Prior Year	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future Years	Total Funds
Unidentified	0	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	4,000,000	14,000,000
Rev Unauthorized	110,009,252	23,512,000	40,543,000	14,560,000	17,600,000	15,900,000	11,370,000	94,600,000	328,094,252
Rev Authorized	3,500,000	0	0	0	0	0	0	0	3,500,000
Pay-As-You-Go	36,073,008	1,250,000	1,250,000	1,250,000	1,250,000	1,250,000	1,250,000	2,500,000	46,073,008
Other	5,807,098	0	0	0	0	0	0	0	5,807,098
Intergovernmental	6,375,060	0	0	0	0	0	0	0	6,375,060
Installment Sales	0	0	0	0	0	0	0	0	0
Impact Fees	0	0	0	0	0	0	0	0	0
GOB Unauthorized	0	0	0	0	0	0	0	0	0
GOB Authorized	10,700,000	0	0	0	0	0	0	0	10,700,000
	\$172,464,418	\$24,762,000	\$43,793,000	\$17,810,000	\$20,850,000	\$19,150,000	\$14,620,000	\$101,100,000	414,549,418

**CITY OF DURHAM
CAPITAL IMPROVEMENTS PROGRAM**

<i>Service Area</i> Water	<i>Department</i> Water Management	<i>Division/Program:</i> Utility Engineering	<i>District:</i> 3
<i>Project Title</i> Asbestos Cement Water Main Replacement		<i>Pin Number</i>	
<i>Master Plan</i>			

Project Description

This project replaces asbestos cement water mains that have been acquired from Orange Water and Sewer Authority and private systems.



<i>PROJECT STATUS - April 2011</i>	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$496,425	Beginning 07/04 Completion 11/12	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Construction	\$750,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$750,000
<i>Total</i>	\$750,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$750,000

<i>Revenue</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Pay-As-You-Go	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GOB Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GOB Unauthorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Authorized	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
Rev Unauthorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Installment Sales	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Impact Fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intergovernmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
Unidentified	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$750,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$750,000

<i>Operating</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Capital Outlay	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maint/Operations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Personnel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**CITY OF DURHAM
CAPITAL IMPROVEMENTS PROGRAM**

<i>Service Area</i> Water	<i>Department</i> Water Management	<i>Division/Program:</i> Administration	<i>District:</i> All
<i>Project Title</i> Automated Meter Replacement		<i>Pin Number</i>	
<i>Master Plan</i>			

Project Description

This project replaces all residential water meters with automated meters.



<i>PROJECT STATUS - April 2011</i>	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$10,173,477	Beginning 07/09 Completion 06/12	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Planning/Design	\$9,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,000,000
Equip/Furnishings	10,800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	10,800,000
<i>Total</i>	\$19,800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,800,000

<i>Revenue</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Pay-As-You-Go	\$5,400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,400,000
GOB Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GOB Unauthorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Unauthorized	14,400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	14,400,000
Installment Sales	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Impact Fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intergovernmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unidentified	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$19,800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,800,000

<i>Operating</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Capital Outlay	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maint/Operations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Personnel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**CITY OF DURHAM
CAPITAL IMPROVEMENTS PROGRAM**

<i>Service Area</i> Water	<i>Department</i> Water Management	<i>Division/Program:</i>	<i>District:</i> 2
<i>Project Title</i> Brown WTP Expansion, Phase 2		<i>Pin Number</i> 0835-04-72-4043	<i>Master Plan</i> Water and Sewer Utility Strategic Plan

Project Description

The second expansion phase of the Brown WTP will be finished with current projects. Facility funding for both water treatment plants for residuals handling wss moved to a new CIP item titled Water Residuals Handling.



<i>PROJECT STATUS - April 2011</i>	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$5,646,841	Beginning 01/06 Completion 01/16	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Planning/Design	\$5,735,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,735,000
Land	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
Construction	\$6,954,382	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,954,382
Equip/Furnishings	\$481,575	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$481,575
Contingency	\$257,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$257,000
<i>Total</i>	\$13,577,957	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,577,957

<i>Revenue</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Pay-As-You-Go	\$2,859,675	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,859,675
GOB Authorized	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000
GOB Unauthorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Unauthorized	\$3,457,920	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,457,920
Installment Sales	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Impact Fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intergovernmental	\$3,131,282	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,131,282
Other	\$3,129,080	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,129,080
Unidentified	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$13,577,957	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,577,957

<i>Operating</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Capital Outlay	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maint/Operations	\$11,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,000
Personnel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$11,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,000

**CITY OF DURHAM
CAPITAL IMPROVEMENTS PROGRAM**

<i>Service Area</i> Water	<i>Department</i> Water Management	<i>Division/Program:</i>	<i>District:</i> 4
<i>Project Title</i> Cary Water System Interconnection		<i>Pin Number</i>	
<i>Master Plan</i>			

Project Description

This project will provide interconnections between Durham's and Cary's water distribution systems to provide emergency water supply when needed.



<i>PROJECT STATUS - April 2011</i>	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$2,974,847	Beginning 05/08 Completion 06/13	New

<i>Appropriation</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Planning/Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000,000
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000,000

<i>Revenue</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Pay-As-You-Go	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GOB Authorized	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000,000
GOB Unauthorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Unauthorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Installment Sales	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Impact Fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intergovernmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unidentified	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000,000

<i>Operating</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Capital Outlay	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maint/Operations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Personnel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**CITY OF DURHAM
CAPITAL IMPROVEMENTS PROGRAM**

<i>Service Area</i> Water	<i>Department</i> Water Management	<i>Division/Program:</i> Administration	<i>District:</i> 4
<i>Project Title</i> Finished Water Storage and Pressurization		<i>Pin Number</i> 0747-01-46-3413	<i>Master Plan</i> Water and Sewer Utility Strategic Plan

Project Description

This project will construct a new 3 million gallon elevated storage tank.



<i>PROJECT STATUS - April 2011</i>	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$519,880	Beginning 07/04 Completion 09/14	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Planning/Design	\$345,240	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$345,240
Land	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
Construction	\$6,139,473	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,139,473
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$750,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$750,000
<i>Total</i>	\$7,334,713	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,334,713

<i>Revenue</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Pay-As-You-Go	\$445,240	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$445,240
GOB Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GOB Unauthorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Unauthorized	\$6,100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,100,000
Installment Sales	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Impact Fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intergovernmental	\$389,473	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$389,473
Other	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000
Unidentified	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$7,334,713	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,334,713

<i>Operating</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Capital Outlay	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maint/Operations	\$138,000	\$46,000	\$46,000	\$0	\$0	\$0	\$0	\$0	\$230,000
Personnel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$138,000	\$46,000	\$46,000	\$0	\$0	\$0	\$0	\$0	\$230,000

**CITY OF DURHAM
CAPITAL IMPROVEMENTS PROGRAM**

<i>Service Area</i> Water	<i>Department</i> Water Management	<i>Division/Program:</i> Utility Engineering	<i>District:</i> 3
<i>Project Title</i> Jordan Lake WTP		<i>Pin Number</i> 0708-04-63-3956	
<i>Master Plan</i> Water and Sewer Utility Strategic Plan			

Project Description

This project is for a new water supply intake on Jordan Lake. The initial planning will investigate the options for utilizing our water allocation and the land needs for pipe lines and pump stations. The next steps are preliminary design, permitting, final design, and construction. A raw water pump station, a raw water transmission line to Durham, and a potentially new water treatment plant are options currently envisioned.



<i>PROJECT STATUS - April 2011</i>		<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures	\$267,384	Beginning 09/09 Completion 07/19	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Planning/Design	\$1,500,000	\$0	\$0	\$5,000,000	\$0	\$8,000,000	\$0	\$0	14,500,000
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	80,000,000	80,000,000
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,500,000	\$0	\$0	\$5,000,000	\$0	\$8,000,000	\$0	\$80,000,000	\$94,500,000

<i>Revenue</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Pay-As-You-Go	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
GOB Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GOB Unauthorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Unauthorized	\$1,000,000	\$0	\$0	\$5,000,000	\$0	\$8,000,000	\$0	80,000,000	94,000,000
Installment Sales	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Impact Fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intergovernmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unidentified	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,500,000	\$0	\$0	\$5,000,000	\$0	\$8,000,000	\$0	\$80,000,000	\$94,500,000

<i>Operating</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Capital Outlay	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maint/Operations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Personnel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**CITY OF DURHAM
CAPITAL IMPROVEMENTS PROGRAM**

<i>Service Area</i> Water	<i>Department</i> Water Management	<i>Division/Program:</i>	<i>District:</i> 2
<i>Project Title</i> Lake Michie & Little River Rehabilitation		<i>Pin Number</i> 0857-03-03-6386	
<i>Master Plan</i>			

Project Description

This is a Dam Facility Rehabilitation project that combines the Lake Michie Dam Repairs and Little River Dam Repairs projects. Lake Michie needs lead based paint removal, gate repairs, and a sedimentation study. Little River work needs the lower gate repaired, caulking, and a sedimentation study.



<i>PROJECT STATUS - April 2011</i>		<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures	\$554,705	Beginning 07/04 Completion 07/18	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Planning/Design	\$20,000	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$220,000
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$1,053,361	\$600,000	\$300,000	\$500,000	\$500,000	\$500,000	\$500,000	\$1,000,000	\$4,953,361
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$10,000	\$60,000	\$0	\$0	\$0	\$0	\$0	\$0	\$70,000
<i>Total</i>	\$1,083,361	\$860,000	\$300,000	\$500,000	\$500,000	\$500,000	\$500,000	\$1,000,000	\$5,243,361

<i>Revenue</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Pay-As-You-Go	\$743,361	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$743,361
GOB Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GOB Unauthorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Unauthorized	\$340,000	\$860,000	\$300,000	\$500,000	\$500,000	\$500,000	\$500,000	\$1,000,000	\$4,500,000
Installment Sales	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Impact Fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intergovernmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unidentified	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$1,083,361	\$860,000	\$300,000	\$500,000	\$500,000	\$500,000	\$500,000	\$1,000,000	\$5,243,361

<i>Operating</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Capital Outlay	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maint/Operations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Personnel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**CITY OF DURHAM
CAPITAL IMPROVEMENTS PROGRAM**

<i>Service Area</i> Water	<i>Department</i> Water Management	<i>Division/Program:</i> Administration	<i>District:</i> 4
<i>Project Title</i> Raleigh Interconnection		<i>Pin Number</i>	
		<i>Master Plan</i> Water and Sewer Utility Strategic Plan	

Project Description

This project will provide interconnections between Durham's and Raleigh's water distribution systems along Alexander Drive and US 70. The connections will provide emergency water supply when needed.



<i>PROJECT STATUS - April 2011</i>	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$2,742,944	Beginning 01/06 Completion 06/12	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Construction	\$5,925,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,925,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$5,925,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,925,000

<i>Revenue</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Pay-As-You-Go	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GOB Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GOB Unauthorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Authorized	\$750,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$750,000
Rev Unauthorized	\$5,175,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,175,000
Installment Sales	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Impact Fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intergovernmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unidentified	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$5,925,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,925,000

<i>Operating</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Capital Outlay	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maint/Operations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Personnel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**CITY OF DURHAM
CAPITAL IMPROVEMENTS PROGRAM**

<i>Service Area</i> Water	<i>Department</i> Water Management	<i>Division/Program:</i>	<i>District:</i> 1,4
<i>Project Title</i> Southeast Distribution System Expansion		<i>Pin Number</i>	
		<i>Master Plan</i> Water Distribution Study	

Project Description

This project includes the necessary system improvements (mains, booster stations and tank) necessary to meet the anticipated growth in Southeast Durham. The 2002 Water Distribution Study identified this need, which included a general tank location, and size of main.



<i>PROJECT STATUS - April 2011</i>	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$161,600	Beginning 09/09 Completion 08/12	New

<i>Appropriation</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Planning/Design	\$800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$800,000
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$6,362,000	\$0	\$0	\$0	\$0	\$0	\$0	\$6,362,000
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$800,000	\$6,362,000	\$0	\$0	\$0	\$0	\$0	\$0	\$7,162,000

<i>Revenue</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Pay-As-You-Go	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GOB Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GOB Unauthorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Unauthorized	\$800,000	\$6,362,000	\$0	\$0	\$0	\$0	\$0	\$0	\$7,162,000
Installment Sales	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Impact Fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intergovernmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unidentified	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$800,000	\$6,362,000	\$0	\$0	\$0	\$0	\$0	\$0	\$7,162,000

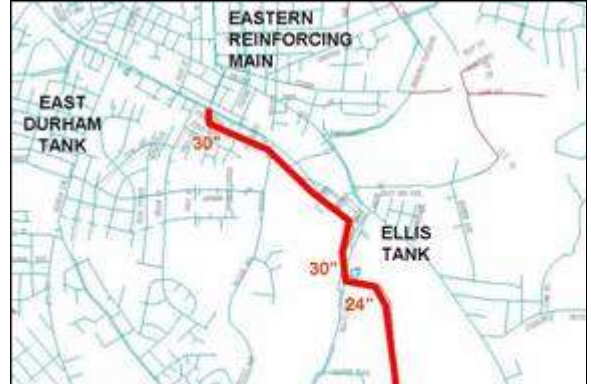
<i>Operating</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Capital Outlay	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maint/Operations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Personnel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**CITY OF DURHAM
CAPITAL IMPROVEMENTS PROGRAM**

<i>Service Area</i> Water	<i>Department</i> Water Management	<i>Division/Program:</i> Administration	<i>District:</i> 1,4
<i>Project Title</i> Southern Reinforcing Main - Phase I		<i>Pin Number</i>	
<i>Master Plan</i>			

Project Description

The Southern Reinforcing Main is needed to meet the water demands in Southeast Durham, including RTP. Phase I is the construction of a 36" transition main from Clay Street to the Ellis Road Tank, along Pettigrew St.



<i>PROJECT STATUS - April 2011</i>	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$4,469,026	Beginning 07/07 Completion 07/11	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Construction	\$5,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,500,000
Total	\$5,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,500,000

<i>Revenue</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Pay-As-You-Go	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
GOB Authorized	\$4,600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,600,000
GOB Unauthorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Authorized	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000
Rev Unauthorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Installment Sales	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Impact Fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intergovernmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unidentified	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$5,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,500,000

<i>Operating</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Capital Outlay	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maint/Operations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Personnel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**CITY OF DURHAM
CAPITAL IMPROVEMENTS PROGRAM**

<i>Service Area</i> Water	<i>Department</i> Water Management	<i>Division/Program:</i> Utility Engineering	<i>District:</i> 1,4
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<i>Project Title</i> Southern Reinforcing Main - Phase II	<i>Pin Number</i>	<i>Master Plan</i>
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Project Description

The Southern Reinforcing Main - Phase II is needed to meet water demands in Southeast Durham, including RTP. This line is also needed reinforce the proposed Southeast Pressure Zone. The line will be constructed from the Ellis Road Water Tank to near the intersection of US 70 and Mineral Springs.



<i>PROJECT STATUS - April 2011</i>		<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures	\$0	Beginning 07/09 Completion 12/12	New

<i>Appropriation</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Planning/Design	\$800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$800,000
Land	\$0	\$350,000	\$0	\$0	\$0	\$0	\$0	\$0	\$350,000
Construction	\$3,000,000	\$5,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$8,000,000
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$3,800,000	\$5,350,000	\$0	\$0	\$0	\$0	\$0	\$0	\$9,150,000

<i>Revenue</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Pay-As-You-Go	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GOB Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GOB Unauthorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Unauthorized	\$3,800,000	\$5,350,000	\$0	\$0	\$0	\$0	\$0	\$0	\$9,150,000
Installment Sales	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Impact Fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intergovernmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unidentified	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$3,800,000	\$5,350,000	\$0	\$0	\$0	\$0	\$0	\$0	\$9,150,000

<i>Operating</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Capital Outlay	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maint/Operations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Personnel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**CITY OF DURHAM
CAPITAL IMPROVEMENTS PROGRAM**

<i>Service Area</i> Water	<i>Department</i> Water Management	<i>Division/Program:</i> Administration	<i>District:</i> 2
<i>Project Title</i> Teer Quarry Water Supply Project, Phase 2		<i>Pin Number</i> 0834-03-24-3512	
<i>Master Plan</i> Water and Sewer Utility Strategic Plan			

Project Description

This project will convert an abandoned stone quarry in northern Durham into a raw water storage facility. The finished project will add approximately 7 MGD of water supply to the City's existing 37 MGD supply.



<i>PROJECT STATUS - April 2011</i>	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$627,262	Beginning 07/04 Completion 07/13	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Planning/Design	\$3,380,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,380,000
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$9,709,560	\$0	\$6,740,000	\$0	\$0	\$0	\$0	\$0	16,449,560
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$2,427,390	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,427,390
<i>Total</i>	\$15,516,950	\$0	\$6,740,000	\$0	\$0	\$0	\$0	\$0	\$22,256,950

<i>Revenue</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Pay-As-You-Go	\$5,353,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,353,500
GOB Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GOB Unauthorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Authorized	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000
Rev Unauthorized	\$9,963,450	\$0	\$6,740,000	\$0	\$0	\$0	\$0	\$0	16,703,450
Installment Sales	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Impact Fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intergovernmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unidentified	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$15,516,950	\$0	\$6,740,000	\$0	\$0	\$0	\$0	\$0	\$22,256,950

<i>Operating</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Capital Outlay	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maint/Operations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Personnel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**CITY OF DURHAM
CAPITAL IMPROVEMENTS PROGRAM**

<i>Service Area</i> Water	<i>Department</i> Water Management	<i>Division/Program:</i> Utility Engineering	<i>District:</i> All
<i>Project Title</i> Two-Inch Water Main Replacement		<i>Pin Number</i>	
<i>Master Plan</i>			

Project Description

This project strengthens the water distribution system by replacing existing two-inch water mains with larger mains to provide improved fire protection and greater capacity with less maintenance.



<i>PROJECT STATUS - April 2011</i>	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$1,896,881	Beginning 07/04 Completion 10/11	Continuation

<i>Revenue</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Pay-As-You-Go	\$858,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$858,000
GOB Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GOB Unauthorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Authorized	\$1,230,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,230,000
Rev Unauthorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Installment Sales	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Impact Fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intergovernmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unidentified	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$2,088,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,088,000

<i>Operating</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Capital Outlay	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maint/Operations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Personnel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**CITY OF DURHAM
CAPITAL IMPROVEMENTS PROGRAM**

<i>Service Area</i> Water	<i>Department</i> Water Management	<i>Division/Program:</i>	<i>District:</i> All
<i>Project Title</i> Water Distribution System Rehabilitation		<i>Pin Number</i>	
<i>Master Plan</i>			

Project Description

This project involves condition assesment, rehabilitation and replacement of the City's Water Distribution System. Mains, valves, hydrants and pump stations are inspected and analyzed, for decisions on appropriate methods of rehabilitation or replacement of vital infrastructure. This is an on-going program.



<i>PROJECT STATUS - April 2011</i>		<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures	\$9,209,285	Beginning	12/04
		Completion	12/24
			Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Planning/Design	\$1,700,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,700,000
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	21,000,000	\$2,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	14,000,000	72,000,000
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$22,700,000	\$2,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$14,000,000	\$73,700,000

<i>Revenue</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Pay-As-You-Go	10,778,341	\$0	\$0	\$0	\$0	\$0	\$0	\$0	10,778,341
GOB Authorized	\$1,700,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,700,000
GOB Unauthorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Unauthorized	\$9,721,659	\$2,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	10,000,000	46,721,659
Installment Sales	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Impact Fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intergovernmental	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unidentified	\$0	\$0	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$4,000,000	14,000,000
Total	\$22,700,000	\$2,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$14,000,000	\$73,700,000

<i>Operating</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Capital Outlay	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maint/Operations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Personnel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**CITY OF DURHAM
CAPITAL IMPROVEMENTS PROGRAM**

<i>Service Area</i> Water	<i>Department</i> Public Works	<i>Division/Program:</i> Engineering	<i>District:</i> All
<i>Project Title</i> Water Extensions & Improvements		<i>Pin Number</i>	
		<i>Master Plan</i> Water and Sewer Utility Strategic Plan	

Project Description

This ongoing program constructs water line extensions requested by petitions, relocates water lines resulting from NCDOT projects, reimburses developers for water improvements, and constructs lines to abate health hazards.



<i>PROJECT STATUS - April 2011</i>		<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures	\$8,625,791	Beginning 07/04 Completion 07/19	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Planning/Design	\$109,424	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$109,424
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	10,301,382	\$1,250,000	\$1,250,000	\$1,250,000	\$1,250,000	\$1,250,000	\$1,250,000	\$2,500,000	20,301,382
Equip/Furnishings	\$3,087	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,087
Contingency	\$10,352	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,352
<i>Total</i>	\$10,424,245	\$1,250,000	\$1,250,000	\$1,250,000	\$1,250,000	\$1,250,000	\$1,250,000	\$2,500,000	\$20,424,245

<i>Revenue</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Pay-As-You-Go	\$2,600,000	\$1,250,000	\$1,250,000	\$1,250,000	\$1,250,000	\$1,250,000	\$1,250,000	\$2,500,000	12,600,000
GOB Authorized	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000
GOB Unauthorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Authorized	\$1,650,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,650,000
Rev Unauthorized	\$3,250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,250,000
Installment Sales	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Impact Fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intergovernmental	\$1,004,305	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,004,305
Other	\$1,519,940	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,519,940
Unidentified	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$10,424,245	\$1,250,000	\$1,250,000	\$1,250,000	\$1,250,000	\$1,250,000	\$1,250,000	\$2,500,000	\$20,424,245

<i>Operating</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Capital Outlay	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maint/Operations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Personnel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**CITY OF DURHAM
CAPITAL IMPROVEMENTS PROGRAM**

<i>Service Area</i> Water	<i>Department</i> Water Management	<i>Division/Program:</i>	<i>District:</i> 2
<i>Project Title</i> Water Facilities Rehabilitation		<i>Pin Number</i> 0835-04-72-4043	<i>Master Plan</i> Water and Sewer Utility Strategic Plan

Project Description

This project is to maintain the infrastructure at the water facilities, enhance the current operation, and maintain compliance with State regulations.



<i>PROJECT STATUS - April 2011</i>	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$4,302,191	Beginning 12/09 Completion 12/18	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Planning/Design	\$1,356,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,356,000
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	19,163,000	\$3,190,000	\$1,603,000	\$1,300,000	\$1,700,000	\$1,300,000	\$1,300,000	\$2,600,000	32,156,000
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$785,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$785,000
<i>Total</i>	\$21,304,000	\$3,190,000	\$1,603,000	\$1,300,000	\$1,700,000	\$1,300,000	\$1,300,000	\$2,600,000	\$34,297,000

<i>Revenue</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Pay-As-You-Go	\$1,510,777	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,510,777
GOB Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GOB Unauthorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Unauthorized	19,793,223	\$3,190,000	\$1,603,000	\$1,300,000	\$1,700,000	\$1,300,000	\$1,300,000	\$2,600,000	32,786,223
Installment Sales	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Impact Fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intergovernmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unidentified	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$21,304,000	\$3,190,000	\$1,603,000	\$1,300,000	\$1,700,000	\$1,300,000	\$1,300,000	\$2,600,000	\$34,297,000

<i>Operating</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Capital Outlay	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maint/Operations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Personnel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**CITY OF DURHAM
CAPITAL IMPROVEMENTS PROGRAM**

<i>Service Area</i> Water	<i>Department</i> Water Management	<i>Division/Program:</i>	<i>District:</i> 2
<i>Project Title</i> Water Regulatory Improvements		<i>Pin Number</i>	
		<i>Master Plan</i> Water and Sewer Strategic Plan	

Project Description

This project consists of Long Term Enhanced Surface Treatment Rule and Safe Drinking Water Act Stage II Disinfection By-Product Rule Improvements that are a result of compliance with new regulations. The projects involve the installation of ultraviolet disinfection, ozone and other ancillary facility improvements at both water treatment plants. The treatment processes need to be in place by 2011.



<i>PROJECT STATUS - April 2011</i>		<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures	\$3,926,043	Beginning	12/07
		Completion	12/12
			New

<i>Appropriation</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Planning/Design	\$6,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,000,000
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	24,768,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	24,768,000
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000,000
<i>Total</i>	\$33,768,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$33,768,000

<i>Revenue</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Pay-As-You-Go	\$2,260,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,260,000
GOB Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GOB Unauthorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Unauthorized	31,508,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	31,508,000
Installment Sales	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Impact Fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intergovernmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unidentified	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$33,768,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$33,768,000

<i>Operating</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Capital Outlay	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maint/Operations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Personnel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**CITY OF DURHAM
CAPITAL IMPROVEMENTS PROGRAM**

<i>Service Area</i> Water	<i>Department</i> Water Management	<i>Division/Program:</i>	<i>District:</i> All
<i>Project Title</i> Water Residuals Handling		<i>Pin Number</i>	
		<i>Master Plan</i> Water and Sewer Utility Strategic Plan	

Project Description

This project will add facilities at both water treatment plants for residuals management. Facilities will include thickening, dewatering, and disposal of solids residuals from the water treatment process. This project will enhance the current operations and maintain compliance with State regulations.



<i>PROJECT STATUS - April 2011</i>	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$0	Beginning 07/11 Completion 07/19	New

<i>Appropriation</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Planning/Design	\$0	\$5,250,000	\$0	\$2,260,000	\$0	\$600,000	\$0	\$0	\$8,110,000
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	24,000,000	\$0	\$9,000,000	\$0	\$3,700,000	\$0	36,700,000
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$2,400,000	\$0	\$900,000	\$0	\$370,000	\$0	\$3,670,000
<i>Total</i>	\$0	\$5,250,000	\$26,400,000	\$2,260,000	\$9,900,000	\$600,000	\$4,070,000	\$0	\$48,480,000

<i>Revenue</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Pay-As-You-Go	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GOB Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GOB Unauthorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Unauthorized	\$0	\$5,250,000	26,400,000	\$2,260,000	\$9,900,000	\$600,000	\$4,070,000	\$0	48,480,000
Installment Sales	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Impact Fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intergovernmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unidentified	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$0	\$5,250,000	\$26,400,000	\$2,260,000	\$9,900,000	\$600,000	\$4,070,000	\$0	\$48,480,000

<i>Operating</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Capital Outlay	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maint/Operations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Personnel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**CITY OF DURHAM
CAPITAL IMPROVEMENTS PROGRAM**

<i>Service Area</i> Water	<i>Department</i> Water Management	<i>Division/Program:</i> Administration	<i>District:</i> All
<i>Project Title</i> Water-Future Supply/Source Protection		<i>Pin Number</i>	
		<i>Master Plan</i> Water and Sewer Utility Strategic Plan	

Project Description

This project provides funding for the acquisition of lands needed for expansion of the City's water supplies and protection of existing lakes by acquiring additional buffer areas.



<i>PROJECT STATUS - April 2011</i>		<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures	\$1,286,854	Beginning	07/04
		Completion	07/18
			Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Planning/Design	\$121,426	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$121,426
Land	\$1,706,404	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$1,000,000	\$5,706,404
Construction	\$797,091	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$797,091
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$2,624,921	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$1,000,000	\$6,624,921

<i>Revenue</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Pay-As-You-Go	\$66,843	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$66,843
GOB Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GOB Unauthorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Unauthorized	\$700,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$1,000,000	\$4,700,000
Installment Sales	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Impact Fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intergovernmental	\$1,350,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,350,000
Other	\$508,078	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$508,078
Unidentified	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$2,624,921	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$1,000,000	\$6,624,921

<i>Operating</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Capital Outlay	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maint/Operations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Personnel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**CITY OF DURHAM
CAPITAL IMPROVEMENTS PROGRAM**

<i>Service Area</i> Water	<i>Department</i> Water Management	<i>Division/Program:</i>	<i>District:</i> 2
<i>Project Title</i> Williams WTP Improvements, Phases 5 & 6		<i>Pin Number</i> 0812-12-85-4734	<i>Master Plan</i> Water and Sewer Utility Strategic Plan

Project Description

The project is in progress. This project is providing improvements for the filter wash water treatment, stormwater drainage, general interior improvements to the plant, gas engine for high service pump, and refurbishment to the high service pumps . Future projects at the Williams WTP will be included in the Water Facilities Rehabilitation project.



<i>PROJECT STATUS - April 2011</i>	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$3,048,025	Beginning 07/06 Completion 07/12	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Planning/Design	\$77,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$77,000
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$2,940,271	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,940,271
Equip/Furnishings	\$38,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$38,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$3,055,271	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,055,271

<i>Revenue</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Pay-As-You-Go	\$3,055,271	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,055,271
GOB Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GOB Unauthorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Unauthorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Installment Sales	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Impact Fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intergovernmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unidentified	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$3,055,271	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,055,271

<i>Operating</i>	<i>Prior Year</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Future Years</i>	<i>TOTAL</i>
Capital Outlay	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maint/Operations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Personnel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0