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**Water**  
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**Program Category: Water****SUMMARY BY PROJECT**

<b>Category</b>	<b>Prior Year</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>FY 2014-15</b>	<b>FY 2015-16</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>Future Years</b>	<b>Total Request</b>
Asbestos Cement Water Main Replacement	750,000	0	0	0	0	0	0	0	750,000
Automated Meter Replacement	19,800,000	800,000	0	0	0	0	0	0	20,600,000
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
Downtown East-West Reinforcing Main	0	250,000	1,000,000	5,750,000	7,750,000	1,500,000	0	0	16,250,000
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	5,000,000	0	8,000,000	0	50,000,000	30,000,000	94,500,000
Lake Michie & Little River Rehabilitation	1,943,361	500,000	500,000	500,000	500,000	500,000	500,000	1,000,000	5,943,361
Raleigh Interconnection	5,925,000	0	0	0	0	0	0	0	5,925,000
Southeast Distribution System Expansion	7,162,000	0	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	9,150,000	1,100,000	0	0	0	0	0	0	10,250,000
Teer Quarry Water Supply Project, Phase 2	15,516,950	0	0	0	0	0	0	0	15,516,950
Two-Inch Water Main Replacement	2,088,000	0	0	0	0	0	0	0	2,088,000
Water & Sewer Fleet Vehicles	1,023,272	295,682	0	0	0	0	0	0	1,318,954
Water Distribution System Rehabilitation	24,700,000	2,100,000	7,000,000	7,000,000	7,000,000	7,000,000	7,000,000	7,000,000	68,800,000
Water Extensions & Improvements	11,674,245	2,000,000	1,500,000	1,500,000	1,500,000	1,750,000	1,750,000	1,750,000	23,424,245

Water Facilities Rehabilitation	24,494,000	1,300,000	1,300,000	1,700,000	1,300,000	1,300,000	1,300,000	1,300,000	33,994,000
Water Regulatory Improvements	33,768,000	0	0	0	0	0	0	0	33,768,000
Water Residuals Handling	5,250,000	1,300,000	0	32,700,000	14,010,000	4,910,000	0	0	58,170,000
Water-Future Supply/Source Protection	3,124,921	500,000	500,000	500,000	500,000	500,000	500,000	500,000	6,624,921
Williams WTP Improvements, Phases 5 & 6	3,055,271	0	0	0	0	0	0	0	3,055,271
	<b>\$200,337,690</b>	<b>\$10,145,682</b>	<b>\$16,800,000</b>	<b>\$49,650,000</b>	<b>\$40,560,000</b>	<b>\$17,460,000</b>	<b>61,050,000</b>	<b>41,550,000</b>	<b>\$437,553,372</b>

## SUMMARY BY REVENUE SOURCE

Category	Prior Year	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	Future Years	Total Funds
Unidentified	0	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	12,000,000
Rev Unauthorized	133,521,252	4,943,000	13,200,000	43,250,000	36,800,000	12,300,000	57,300,000	37,800,000	339,114,252
Rev Authorized	4,730,000	0	0	0	0	0	0	0	4,730,000
Pay-As-You-Go	38,181,008	5,202,682	1,600,000	4,400,000	1,760,000	3,160,000	1,750,000	1,750,000	57,803,690
Other	6,830,370	0	0	0	0	0	0	0	6,830,370
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
	<b>\$200,337,690</b>	<b>\$10,145,682</b>	<b>\$16,800,000</b>	<b>\$49,650,000</b>	<b>\$40,560,000</b>	<b>\$17,460,000</b>	<b>\$61,050,000</b>	<b>\$41,550,000</b>	<b>437,553,372</b>

**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 -</i> May 2012	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$672,825	Beginning 07/04 Completion 06/13	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>Future Years</i>	<i>TOTAL</i>
Construction	\$750,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$750,000
<b><i>Total</i></b>	<b>\$750,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$750,000</b>

<i>Revenue</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$750,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$750,000</b>

<i>Operating</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**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 -</i> May 2012	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$9,722,402	Beginning 07/09 Completion 06/13	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>Future Years</i>	<i>TOTAL</i>
Planning/Design	\$9,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,000,000
Construction	\$0	\$800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$800,000
Equip/Furnishings	10,800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	10,800,000
<b><i>Total</i></b>	<b>\$19,800,000</b>	<b>\$800,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$20,600,000</b>

<i>Revenue</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>Future Years</i>	<i>TOTAL</i>
Pay-As-You-Go	\$5,400,000	\$257,000	\$0	\$0	\$0	\$0	\$0	\$0	\$5,657,000
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	\$543,000	\$0	\$0	\$0	\$0	\$0	\$0	14,943,000
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
<b><i>Total</i></b>	<b>\$19,800,000</b>	<b>\$800,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$20,600,000</b>

<i>Operating</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**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 -</i> May 2012	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$5,650,309	Beginning 01/06 Completion 01/16	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$13,577,957</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$13,577,957</b>

<i>Revenue</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$13,577,957</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$13,577,957</b>

<i>Operating</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$11,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$11,000</b>

**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 - May 2012</i>		<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures	\$2,851,274	Beginning	05/08
		Completion	06/13
			Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$3,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,000,000</b>

<i>Revenue</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$3,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,000,000</b>

<i>Operating</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>



**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> 1,3,4,5
<i>Project Title</i> Downtown East-West Reinforcing Main		<i>Pin Number</i>	
		<i>Master Plan</i> 2002 Distribution System Study	

*Project Description*

Conduct a route analysis, followed by design, permitting, and construction for a 36-inch water transmission main. The main will be a continuation of the 36-inch Hillandale Dual Water Main Replacement project, that eventually ties in to the elevated storage tank at Pettigrew and Alston.



<i>PROJECT STATUS -</i> May 2012		<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures	\$0	Beginning 06/13 Completion 07/17	New

<i>Appropriation</i>	Prior Year	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	<i>Future Years</i>	TOTAL
Planning/Design	\$0	\$250,000	\$1,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$3,250,000
Land	\$0	\$0	\$0	\$250,000	\$250,000	\$0	\$0	\$0	\$500,000
Construction	\$0	\$0	\$0	\$3,500,000	\$7,500,000	\$1,500,000	\$0	\$0	12,500,000
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b><i>Total</i></b>	<b>\$0</b>	<b>\$250,000</b>	<b>\$1,000,000</b>	<b>\$5,750,000</b>	<b>\$7,750,000</b>	<b>\$1,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$16,250,000</b>


<i>Revenue</i>	Prior Year	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	<i>Future Years</i>	TOTAL
Pay-As-You-Go	\$0	\$250,000	\$100,000	\$200,000	\$250,000	\$500,000	\$0	\$0	\$1,300,000
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	\$0	\$0	\$900,000	\$5,550,000	\$7,500,000	\$1,000,000	\$0	\$0	14,950,000
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
<b><i>Total</i></b>	<b>\$0</b>	<b>\$250,000</b>	<b>\$1,000,000</b>	<b>\$5,750,000</b>	<b>\$7,750,000</b>	<b>\$1,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$16,250,000</b>

<i>Operating</i>	Prior Year	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	<i>Future Years</i>	TOTAL
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
<b><i>Total</i></b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**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
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<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
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<i>Project Description</i> This project will construct a new 3 million gallon elevated storage tank.	
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<i>PROJECT STATUS - May 2012</i> Total Expenditures \$6,707,868	<i>PROJECTED DATES:</i> Beginning 07/04 Completion 09/14	<i>TYPE REQUEST</i> Continuation
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<i>Appropriation</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$7,334,713</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,334,713</b>

<i>Revenue</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$7,334,713</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,334,713</b>

<i>Operating</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>Future Years</i>	<i>TOTAL</i>
Capital Outlay	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maint/Operations	\$184,000	\$46,000	\$0	\$0	\$0	\$0	\$0	\$0	\$230,000
Personnel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b><i>Total</i></b>	<b>\$184,000</b>	<b>\$46,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$230,000</b>

**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 - May 2012</i>	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$520,259	Beginning 09/09 Completion 07/19	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>Future Years</i>	<i>TOTAL</i>
Planning/Design	\$1,500,000	\$0	\$5,000,000	\$0	\$8,000,000	\$0	\$0	\$0	14,500,000
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	50,000,000	30,000,000	80,000,000
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b><i>Total</i></b>	<b>\$1,500,000</b>	<b>\$0</b>	<b>\$5,000,000</b>	<b>\$0</b>	<b>\$8,000,000</b>	<b>\$0</b>	<b>\$50,000,000</b>	<b>\$30,000,000</b>	<b>\$94,500,000</b>

<i>Revenue</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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	\$5,000,000	\$0	\$8,000,000	\$0	50,000,000	30,000,000	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
<b><i>Total</i></b>	<b>\$1,500,000</b>	<b>\$0</b>	<b>\$5,000,000</b>	<b>\$0</b>	<b>\$8,000,000</b>	<b>\$0</b>	<b>\$50,000,000</b>	<b>\$30,000,000</b>	<b>\$94,500,000</b>

<i>Operating</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**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 clearing of trees, and hydraulic valve replacement. Little River work needs the lower gate repaired and caulking. Also Little River needs a 20 year maintenance plan and Lake Michie needs an updated maintenance plan.



<i>PROJECT STATUS - May 2012</i>		<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures	\$462,188	Beginning 07/04 Completion 07/18	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>Future Years</i>	<i>TOTAL</i>
Planning/Design	\$220,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$220,000
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$1,653,361	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$1,000,000	\$5,653,361
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$70,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$70,000
<b>Total</b>	<b>\$1,943,361</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$1,000,000</b>	<b>\$5,943,361</b>

<i>Revenue</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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	\$1,200,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$1,000,000	\$5,200,000
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
<b>Total</b>	<b>\$1,943,361</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$1,000,000</b>	<b>\$5,943,361</b>

<i>Operating</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**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 - May 2012</i>	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures      \$3,477,608	Beginning      01/06 Completion      06/13	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$5,925,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,925,000</b>

<i>Revenue</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$5,925,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,925,000</b>

<i>Operating</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**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 -</i> May 2012	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$661,600	Beginning 09/09 Completion 06/13	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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	\$6,362,000	\$0	\$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
<b><i>Total</i></b>	<b>\$7,162,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,162,000</b>

<i>Revenue</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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	\$7,162,000	\$0	\$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
<b><i>Total</i></b>	<b>\$7,162,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,162,000</b>

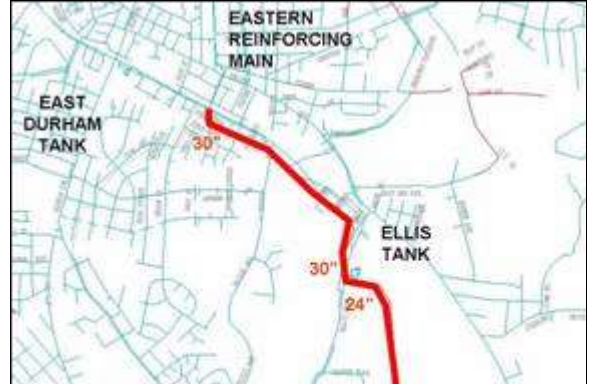
<i>Operating</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>Future Years</i>	<i>TOTAL</i>
Capital Outlay	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maint/Operations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Personnel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b><i>Total</i></b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**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 -</i> May 2012	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$3,692,768	Beginning 07/07 Completion 06/13	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>Future Years</i>	<i>TOTAL</i>
Construction	\$5,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,500,000
<b><i>Total</i></b>	<b>\$5,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,500,000</b>

<i>Revenue</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$5,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,500,000</b>

<i>Operating</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**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
<i>Project Title</i> Southern Reinforcing Main - Phase II		<i>Pin Number</i>	
<i>Master Plan</i>			

*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 -</i> May 2012	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$3,692,768	Beginning 07/09 Completion 06/13	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>Future Years</i>	<i>TOTAL</i>
Planning/Design	\$800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$800,000
Land	\$350,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,000
Construction	\$8,000,000	\$1,100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$9,100,000
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b><i>Total</i></b>	<b>\$9,150,000</b>	<b>\$1,100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,250,000</b>

<i>Revenue</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>Future Years</i>	<i>TOTAL</i>
Pay-As-You-Go	\$0	\$1,100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,100,000
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	\$9,150,000	\$0	\$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
<b><i>Total</i></b>	<b>\$9,150,000</b>	<b>\$1,100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,250,000</b>


<i>Operating</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>



**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
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<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
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<p><i>Project Description</i></p> <p>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.</p>	
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<i>PROJECT STATUS - May 2012</i>	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures      \$1,552,342	Beginning      07/04 Completion      07/13	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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	\$0	\$0	\$0	\$0	\$0	\$0	\$9,709,560
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
<b><i>Total</i></b>	<b>\$15,516,950</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,516,950</b>

<i>Revenue</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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	\$0	\$0	\$0	\$0	\$0	\$0	\$9,963,450
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
<b><i>Total</i></b>	<b>\$15,516,950</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,516,950</b>

<i>Operating</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**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 -</i> May 2012	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$1,896,881	Beginning 07/04 Completion 06/13	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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	\$2,088,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,088,000
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b><i>Total</i></b>	<b>\$2,088,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,088,000</b>

<i>Revenue</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$2,088,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,088,000</b>

<i>Operating</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CITY OF DURHAM  
CAPITAL IMPROVEMENTS PROGRAM**

<i>Service Area</i> Water	<i>Department</i> Fleet	<i>Division/Program:</i>	<i>District:</i> All
<i>Project Title</i> Water & Sewer Fleet Vehicles		<i>Pin Number</i>	
<i>Master Plan</i>			

**Project Description**

This project is for the financing of fleet vehicles for all Water Management Department Vehicles.



<i>PROJECT STATUS - May 2012</i>	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures      \$1,009,796	Beginning      10/11 Completion      03/24	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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	\$1,023,272	\$295,682	\$0	\$0	\$0	\$0	\$0	\$0	\$1,318,954
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b><i>Total</i></b>	<b>\$1,023,272</b>	<b>\$295,682</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,318,954</b>

<i>Revenue</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>Future Years</i>	<i>TOTAL</i>
Pay-As-You-Go	\$0	\$295,682	\$0	\$0	\$0	\$0	\$0	\$0	\$295,682
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	\$1,023,272	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,023,272
Unidentified	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b><i>Total</i></b>	<b>\$1,023,272</b>	<b>\$295,682</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,318,954</b>

<i>Operating</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**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 -</i> May 2012	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$15,639,034	Beginning 12/04 Completion 12/24	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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	23,000,000	\$2,100,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	67,100,000
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b><i>Total</i></b>	<b>\$24,700,000</b>	<b>\$2,100,000</b>	<b>\$7,000,000</b>	<b>\$7,000,000</b>	<b>\$7,000,000</b>	<b>\$7,000,000</b>	<b>\$7,000,000</b>	<b>\$7,000,000</b>	<b>\$68,800,000</b>

<i>Revenue</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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	11,721,659	\$2,100,000	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	43,821,659
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	\$2,000,000	12,000,000
<b><i>Total</i></b>	<b>\$24,700,000</b>	<b>\$2,100,000</b>	<b>\$7,000,000</b>	<b>\$7,000,000</b>	<b>\$7,000,000</b>	<b>\$7,000,000</b>	<b>\$7,000,000</b>	<b>\$7,000,000</b>	<b>\$68,800,000</b>

<i>Operating</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**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 -</i> May 2012	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$9,168,212	Beginning 07/10 Completion 07/18	Continuation

<i>Appropriation</i>	Prior Year	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Future Years	TOTAL
Planning/Design	\$109,424	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$109,424
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	11,551,382	\$2,000,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,750,000	\$1,750,000	\$1,750,000	23,301,382
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
<b>Total</b>	<b>\$11,674,245</b>	<b>\$2,000,000</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$1,750,000</b>	<b>\$1,750,000</b>	<b>\$1,750,000</b>	<b>\$23,424,245</b>

<i>Revenue</i>	Prior Year	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Future Years	TOTAL
Pay-As-You-Go	\$3,850,000	\$2,000,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,750,000	\$1,750,000	\$1,750,000	15,600,000
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
<b>Total</b>	<b>\$11,674,245</b>	<b>\$2,000,000</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$1,750,000</b>	<b>\$1,750,000</b>	<b>\$1,750,000</b>	<b>\$23,424,245</b>

<i>Operating</i>	Prior Year	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Future Years	TOTAL
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
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**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 - May 2012</i>	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$4,342,738	Beginning 12/09 Completion 12/18	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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	22,353,000	\$1,300,000	\$1,300,000	\$1,700,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	31,853,000
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$785,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$785,000
<b><i>Total</i></b>	<b>\$24,494,000</b>	<b>\$1,300,000</b>	<b>\$1,300,000</b>	<b>\$1,700,000</b>	<b>\$1,300,000</b>	<b>\$1,300,000</b>	<b>\$1,300,000</b>	<b>\$1,300,000</b>	<b>\$33,994,000</b>

<i>Revenue</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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	22,983,223	\$1,300,000	\$1,300,000	\$1,700,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	32,483,223
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
<b><i>Total</i></b>	<b>\$24,494,000</b>	<b>\$1,300,000</b>	<b>\$1,300,000</b>	<b>\$1,700,000</b>	<b>\$1,300,000</b>	<b>\$1,300,000</b>	<b>\$1,300,000</b>	<b>\$1,300,000</b>	<b>\$33,994,000</b>

<i>Operating</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**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 - May 2012</i>		<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures	\$3,932,095	Beginning	12/07
		Completion	06/13
			Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$33,768,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$33,768,000</b>

<i>Revenue</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$33,768,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$33,768,000</b>

<i>Operating</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**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 -</i> May 2012		<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures	\$0	Beginning 07/11 Completion 07/19	Continuation

<i>Appropriation</i>	Prior Year	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	<i>Future Years</i>	TOTAL
Planning/Design	\$5,250,000	\$1,300,000	\$0	\$1,700,000	\$800,000	\$0	\$0	\$0	\$9,050,000
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	28,000,000	11,210,000	\$4,460,000	\$0	\$0	43,670,000
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$3,000,000	\$2,000,000	\$450,000	\$0	\$0	\$5,450,000
<b><i>Total</i></b>	<b>\$5,250,000</b>	<b>\$1,300,000</b>	<b>\$0</b>	<b>\$32,700,000</b>	<b>\$14,010,000</b>	<b>\$4,910,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$58,170,000</b>

<i>Revenue</i>	Prior Year	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	<i>Future Years</i>	TOTAL
Pay-As-You-Go	\$0	\$1,300,000	\$0	\$2,700,000	\$10,000	\$910,000	\$0	\$0	\$4,920,000
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	\$5,250,000	\$0	\$0	30,000,000	14,000,000	\$4,000,000	\$0	\$0	53,250,000
Installment Sales	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Impact Fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intergovernmental	\$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
<b><i>Total</i></b>	<b>\$5,250,000</b>	<b>\$1,300,000</b>	<b>\$0</b>	<b>\$32,700,000</b>	<b>\$14,010,000</b>	<b>\$4,910,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$58,170,000</b>

<i>Operating</i>	Prior Year	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	<i>Future Years</i>	TOTAL
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
<b><i>Total</i></b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>



**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 -</i> May 2012		<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures	\$1,688,861	Beginning 07/04 Completion 07/18	Continuation

<i>Appropriation</i>	Prior Year	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Future Years	TOTAL
Planning/Design	\$121,426	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$121,426
Land	\$2,206,404	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$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
<b>Total</b>	<b>\$3,124,921</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$6,624,921</b>

<i>Revenue</i>	Prior Year	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Future Years	TOTAL
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	\$1,200,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$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
<b>Total</b>	<b>\$3,124,921</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$6,624,921</b>

<i>Operating</i>	Prior Year	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Future Years	TOTAL
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
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**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 - May 2012</i>	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures      \$3,048,025	Beginning      07/06 Completion      06/13	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$3,055,271</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,055,271</b>

<i>Revenue</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$3,055,271</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,055,271</b>

<i>Operating</i>	<i>Prior Year</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</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
<b><i>Total</i></b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>