

Program Category: Wastewater**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
Enhanced Nitrogen Removal	14,596,000	0	2,208,000	4,640,000	12,130,000	25,520,000	0	0	59,094,000
Facility Paving	1,400,000	860,000	0	0	0	0	0	0	2,260,000
NDWRF Improvements & LF Gas Utilization - Phase 1	9,874,973	0	0	0	0	0	0	0	9,874,973
Reclaimed Water Systems, Phases 1 & 2	1,631,000	0	7,841,000	525,000	525,000	525,000	525,000	0	11,572,000
SDWRF Sludge Pad Expansion	485,000	3,103,000	0	0	0	0	0	0	3,588,000
Sewer Collection System Rehabilitation	36,343,749	2,000,000	7,000,000	7,000,000	7,000,000	7,000,000	7,000,000	14,000,000	87,343,749
Sewer Extensions & Improvements	7,831,732	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	3,000,000	19,831,732
Sludge Dryer	0	0	2,100,000	11,550,000	0	0	0	0	13,650,000
Wastewater Process Rehabilitation	14,385,000	7,650,000	6,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	32,035,000
Water Management Facility Expansion	800,000	2,000,000	5,000,000	0	0	0	0	0	7,800,000
	\$87,347,454	\$17,113,000	\$31,649,000	\$26,215,000	\$22,155,000	\$35,545,000	10,025,000	17,000,000	\$247,049,454

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	0	0	0	0	0	0	0
Rev Unauthorized	37,215,724	12,753,000	30,149,000	24,715,000	20,655,000	34,045,000	8,525,000	14,000,000	182,057,724
Rev Authorized	2,369,501	0	0	0	0	0	0	0	2,369,501
Pay-As-You-Go	26,916,359	4,360,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	3,000,000	41,776,359
Other	4,512,237	0	0	0	0	0	0	0	4,512,237
Intergovernmental	2,533,633	0	0	0	0	0	0	0	2,533,633
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	13,800,000	0	0	0	0	0	0	0	13,800,000
	\$87,347,454	\$17,113,000	\$31,649,000	\$26,215,000	\$22,155,000	\$35,545,000	\$10,025,000	\$17,000,000	247,049,454

**CITY OF DURHAM
CAPITAL IMPROVEMENTS PROGRAM**

<i>Service Area</i> Wastewater	<i>Department</i> Water Management	<i>Division/Program:</i>	<i>District:</i> 3
<i>Project Title</i> Enhanced Nitrogen Removal		<i>Pin Number</i> 0708-04-63-3956	<i>Master Plan</i> Water and Sewer Utility Strategic Plan

Project Description

This project will provide equipment and structures at the South and North Durham Water Reclamation Facilities to meet new requirements for wastewater discharge. Large construction items include a new 145' diameter clarifier at North Durham, replacing a clarifier at South Durham and new denitrification filters at South Durham. Installation of process equipment to remove phosphorous from dewatering sludge side stream is also included.



<i>PROJECT STATUS - April 2011</i>		<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures	\$810,530	Beginning	07/10
		Completion	07/19
			Revision

<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	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	11,160,000	\$0	\$2,208,000	\$4,640,000	12,130,000	25,520,000	\$0	\$0	55,658,000
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$1,436,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,436,000
Total	\$14,596,000	\$0	\$2,208,000	\$4,640,000	\$12,130,000	\$25,520,000	\$0	\$0	\$59,094,000

<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	14,596,000	\$0	\$2,208,000	\$4,640,000	12,130,000	25,520,000	\$0	\$0	59,094,000
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	\$14,596,000	\$0	\$2,208,000	\$4,640,000	\$12,130,000	\$25,520,000	\$0	\$0	\$59,094,000

<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> Wastewater	<i>Department</i> Water Management	<i>Division/Program:</i> Utility Engineering	<i>District:</i> All
<i>Project Title</i> Facility Paving		<i>Pin Number</i>	
		<i>Master Plan</i> Water and Sewer Utility Strategic Plan	

Project Description

The pavement at all the facilities operated by Water Management are in various levels of disrepair and need resurfacing or replacement. Addressing pavement needs now will control future costs.



<i>PROJECT STATUS - April 2011</i> Total Expenditures \$622,586	<i>PROJECTED DATES:</i> Beginning 07/09 Completion 06/12	<i>TYPE REQUEST</i> Continuation
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<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	\$1,400,000	\$860,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,260,000
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$1,400,000	\$860,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,260,000


<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	\$630,000	\$860,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,490,000
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	\$770,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$770,000
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>	\$1,400,000	\$860,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,260,000

<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> Wastewater	<i>Department</i> Water Management	<i>Division/Program:</i> Administration	<i>District:</i> 2
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<i>Project Title</i> NDWRF Improvements & LF Gas Utilization - Phase 1	<i>Pin Number</i> 0842-01-18-1935	<i>Master Plan</i> Water and Sewer Utility Strategic Plan
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<p><i>Project Description</i></p> <p>This project includes replacement of an existing 50,000 cubic feet gas holder, additional process tankage and piping, and new roofs for existing buildings with other rehab improvements. It also includes landfill gas utilization equipment.</p>	
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<i>PROJECT STATUS - April 2011</i>	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$9,601,840	Beginning 07/04 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	\$2,601,640	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,601,640
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$5,763,333	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,763,333
Equip/Furnishings	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000
Contingency	\$1,310,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,310,000
<i>Total</i>	\$9,874,973	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,874,973

<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	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000
GOB Authorized	\$8,200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,200,000
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	\$674,973	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$674,973
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unidentified	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$9,874,973	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,874,973

<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> Wastewater	<i>Department</i> Water Management	<i>Division/Program:</i> Utility Engineering	<i>District:</i> 2
<i>Project Title</i> Reclaimed Water Systems, Phases 1 & 2		<i>Pin Number</i> 0842-01-18-1935	
<i>Master Plan</i> Water and Sewer Utility Strategic Plan			

Project Description

Funds have been approved for (Phase 1 which includes bulk tank distribution facilities, a Reclaimed Water Master Plan, and construction of a reclaimed water pumping station). Phase 2 consists of initial pipelines to distribute reclaimed water to areas that can use reclaimed water to replace water demand currently provided by the potable treated water system.



<i>PROJECT STATUS - April 2011</i>	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$225,171	Beginning 09/09 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	\$366,000	\$0	\$1,568,000	\$105,000	\$105,000	\$105,000	\$105,000	\$0	\$2,354,000
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$1,102,000	\$0	\$5,489,000	\$368,000	\$368,000	\$368,000	\$368,000	\$0	\$8,063,000
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$163,000	\$0	\$784,000	\$52,000	\$52,000	\$52,000	\$52,000	\$0	\$1,155,000
<i>Total</i>	\$1,631,000	\$0	\$7,841,000	\$525,000	\$525,000	\$525,000	\$525,000	\$0	\$11,572,000

<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	\$1,631,000	\$0	\$7,841,000	\$525,000	\$525,000	\$525,000	\$525,000	\$0	11,572,000
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>	\$1,631,000	\$0	\$7,841,000	\$525,000	\$525,000	\$525,000	\$525,000	\$0	\$11,572,000

<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> Wastewater	<i>Department</i> Water Management	<i>Division/Program:</i>	<i>District:</i> 3
<i>Project Title</i> SDWRF Sludge Pad Expansion		<i>Pin Number</i> 0708-04-54-1692	<i>Master Plan</i> Water and Sewer Utility Strategic Plan

Project Description

This project will construct an addition to the existing biosolids storage pad with a cover to properly handle increased de-watered biosolids quantities.



<i>PROJECT STATUS - April 2011</i>		<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures	\$0	Beginning 03/11 Completion 07/13	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	\$485,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$485,000
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$2,821,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,821,000
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$282,000	\$0	\$0	\$0	\$0	\$0	\$0	\$282,000
<i>Total</i>	\$485,000	\$3,103,000	\$0	\$0	\$0	\$0	\$0	\$0	\$3,588,000

<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	\$485,000	\$3,103,000	\$0	\$0	\$0	\$0	\$0	\$0	\$3,588,000
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>	\$485,000	\$3,103,000	\$0	\$0	\$0	\$0	\$0	\$0	\$3,588,000

<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> Wastewater	<i>Department</i> Water Management	<i>Division/Program:</i> Utility Engineering	<i>District:</i> All
<i>Project Title</i> Sewer Collection System Rehabilitation		<i>Pin Number</i>	
		<i>Master Plan</i> Water & Sewer Strategic Plan	

Project Description

This project involves condition assesment, rehabilitation and replacement of the City's Sewer Collection System. Sewer mains, manholes, outfalls, force mains and pump stations are inspected and analyzed, for decisions on appropriate methods of rehabilitation or replacement of infrastructure. This is an on-going program.



<i>PROJECT STATUS - April 2011</i>		<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures	\$24,281,740	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	\$143,920	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$143,920
Land	\$46,767	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$46,767
Construction	36,147,167	\$2,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	14,000,000	87,147,167
Equip/Furnishings	\$5,895	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,895
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$36,343,749	\$2,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$14,000,000	\$87,343,749

<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	17,701,359	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	19,701,359
GOB Authorized	\$4,850,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,850,000
GOB Unauthorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Authorized	\$2,187,769	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,187,769
Rev Unauthorized	\$6,289,118	\$0	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	14,000,000	55,289,118
Installment Sales	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Impact Fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intergovernmental	\$1,858,660	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,858,660
Other	\$3,456,843	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,456,843
Unidentified	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$36,343,749	\$2,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$14,000,000	\$87,343,749

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

Project Description

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



PROJECT STATUS - April 2011

Total Expenditures \$3,351,871

PROJECTED DATES:

Beginning 07/04
Completion 07/19

TYPE REQUEST

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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$7,831,732	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$3,000,000	19,831,732
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$7,831,732	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$3,000,000	\$19,831,732

<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	\$2,900,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$3,000,000	14,900,000
GOB Authorized	\$750,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$750,000
GOB Unauthorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Authorized	\$181,732	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$181,732
Rev Unauthorized	\$4,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,000,000
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
<i>Total</i>	\$7,831,732	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$3,000,000	\$19,831,732

<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> Wastewater	<i>Department</i> Water Management	<i>Division/Program:</i>	<i>District:</i> 2,4
<i>Project Title</i> Sludge Dryer		<i>Pin Number</i> 0842-01-18-1935	
<i>Master Plan</i> Water and Sewer Utility Strategic Plan			

Project Description

Install a sludge dryer facility to further dry some of the wastewater sludge. This will add flexibility to the sludge management program by providing more flexibility for land application, marketing and distribution. This may be an opportunity to develop a regional facility.



<i>PROJECT STATUS - April 2011</i>		<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures	\$0	Beginning 07/11 Completion 07/16	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	\$0	\$0	\$2,100,000	\$0	\$0	\$0	\$0	\$0	\$2,100,000
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	10,500,000	\$0	\$0	\$0	\$0	10,500,000
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$1,050,000	\$0	\$0	\$0	\$0	\$1,050,000
<i>Total</i>	\$0	\$0	\$2,100,000	\$11,550,000	\$0	\$0	\$0	\$0	\$13,650,000

<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	\$0	\$2,100,000	11,550,000	\$0	\$0	\$0	\$0	13,650,000
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	\$0	\$2,100,000	\$11,550,000	\$0	\$0	\$0	\$0	\$13,650,000

<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> Wastewater	<i>Department</i> Water Management	<i>Division/Program:</i>	<i>District:</i> 2
<i>Project Title</i> Wastewater Process Rehabilitation		<i>Pin Number</i>	
		<i>Master Plan</i> Water and Sewer Strategic Plan	

Project Description

This project provides for ongoing needs at both North and South Durham Water Reclamation Facilities, which include roof replacement, new coatings, odor system rehab, electric blower rehab, piping changes and other large rehabilitation projects.



<i>PROJECT STATUS - April 2011</i>	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$7,036,174	Beginning 07/07 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	\$1,870,000	\$0	\$1,200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$0	\$3,870,000
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	11,675,000	\$7,650,000	\$4,200,000	\$700,000	\$700,000	\$700,000	\$700,000	\$0	26,325,000
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$840,000	\$0	\$600,000	\$100,000	\$100,000	\$100,000	\$100,000	\$0	\$1,840,000
<i>Total</i>	\$14,385,000	\$7,650,000	\$6,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$0	\$32,035,000


<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	\$3,885,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,885,000
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	\$9,444,606	\$7,650,000	\$6,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$0	27,094,606
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	\$1,055,394	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,055,394
Unidentified	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$14,385,000	\$7,650,000	\$6,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$0	\$32,035,000

<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> Wastewater	<i>Department</i> Water Management	<i>Division/Program:</i> Utility Engineering	<i>District:</i> 1
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<i>Project Title</i> Water Management Facility Expansion	<i>Pin Number</i> 0842-09-16-8832	<i>Master Plan</i>
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<p><i>Project Description</i></p> <p>This project involves the renovation and expansion of the Water Management Facility at Mist Lake Drive to accommodate the Water & Sewer Maintenance Division.</p>	
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<i>PROJECT STATUS - April 2011</i>		<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures	\$0	Beginning 09/10 Completion 07/14	Continuation

<i>Appropriation</i>	Prior Year	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	<i>Future Years</i>	TOTAL
Planning/Design	\$800,000	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$1,800,000	\$5,000,000	\$0	\$0	\$0	\$0	\$0	\$6,800,000
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	\$2,000,000	\$5,000,000	\$0	\$0	\$0	\$0	\$0	\$7,800,000

<i>Revenue</i>	Prior Year	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	<i>Future Years</i>	TOTAL
Pay-As-You-Go	\$800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$800,000
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	\$2,000,000	\$5,000,000	\$0	\$0	\$0	\$0	\$0	\$7,000,000
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
<i>Total</i>	\$800,000	\$2,000,000	\$5,000,000	\$0	\$0	\$0	\$0	\$0	\$7,800,000

<i>Operating</i>	Prior Year	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	<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
<i>Total</i>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0