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Program Category: Wastewater**SUMMARY BY PROJECT**

Category	Prior Year	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	Future Years	Total Request
Enhanced Nitrogen Removal	14,596,000	1,000,000	3,300,000	6,200,000	0	0	0	0	25,096,000
Facility Paving	2,860,000	0	600,000	600,000	600,000	600,000	600,000	600,000	6,460,000
Orange Co. Economic Development Zone Improvements	700,000	0	300,000	3,000,000	0	0	0	0	4,000,000
Reclaimed Water Systems, Phases 1 & 2	1,631,000	550,000	550,000	550,000	550,000	550,000	550,000	550,000	5,481,000
SDWRF Sludge Pad Expansion	3,588,000	0	0	0	0	0	0	0	3,588,000
Sewer Collection System Rehabilitation	45,843,749	5,000,000	7,000,000	7,000,000	7,000,000	7,000,000	7,000,000	7,000,000	92,843,749
Sewer Extensions & Improvements	10,831,732	0	1,500,000	1,750,000	1,750,000	1,750,000	1,750,000	1,750,000	21,081,732
Wastewater Process Rehabilitation	28,035,000	10,000,000	24,000,000	12,000,000	15,000,000	6,000,000	6,000,000	6,000,000	107,035,000
Water Management Facility Expansion	7,800,000	0	15,000,000	0	0	0	0	0	22,800,000
	\$115,885,481	\$16,550,000	\$52,250,000	\$31,100,000	\$24,900,000	\$15,900,000	15,900,000	15,900,000	\$288,385,481

SUMMARY BY REVENUE SOURCE

Category	Prior Year	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	Future Years	Total Funds
Unidentified	0	0	0	0	0	0	0	0	0
Rev Unauthorized	68,468,724	11,550,000	27,850,000	18,750,000	15,550,000	6,550,000	6,550,000	6,550,000	161,818,724
Rev Authorized	2,369,501	0	0	0	0	0	0	0	2,369,501
Pay-As-You-Go	33,076,359	5,000,000	24,400,000	12,350,000	9,350,000	9,350,000	9,350,000	9,350,000	112,226,359
Other	4,512,237	0	0	0	0	0	0	0	4,512,237
Intergovernmental	1,858,660	0	0	0	0	0	0	0	1,858,660
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	5,600,000	0	0	0	0	0	0	0	5,600,000
	\$115,885,481	\$16,550,000	\$52,250,000	\$31,100,000	\$24,900,000	\$15,900,000	\$15,900,000	\$15,900,000	288,385,481

**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 - June 2013</i>	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$2,898,097	Beginning 07/10 Completion 07/19	Revision

<i>Appropriation</i>	<i>Prior Year</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</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	\$1,000,000	\$3,300,000	\$6,200,000	\$0	\$0	\$0	\$0	21,660,000
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
<i>Total</i>	\$14,596,000	\$1,000,000	\$3,300,000	\$6,200,000	\$0	\$0	\$0	\$0	\$25,096,000

<i>Revenue</i>	<i>Prior Year</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</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 Unauthorize	\$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	\$1,000,000	\$3,300,000	\$6,200,000	\$0	\$0	\$0	\$0	25,096,000
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>	\$14,596,000	\$1,000,000	\$3,300,000	\$6,200,000	\$0	\$0	\$0	\$0	\$25,096,000

<i>Operating</i>	<i>Prior Year</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</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> 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 - June 2013</i>	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$793,879	Beginning 07/09 Completion 06/13	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</i>	<i>Future Years</i>	<i>TOTAL</i>
Construction	\$2,860,000	\$0	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$6,460,000
<i>Total</i>	\$2,860,000	\$0	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$6,460,000

<i>Revenue</i>	<i>Prior Year</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</i>	<i>Future Years</i>	<i>TOTAL</i>
Pay-As-You-Go	\$2,090,000	\$0	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$5,690,000
GOB Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GOB Unauthorize	\$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>	\$2,860,000	\$0	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$6,460,000

<i>Operating</i>	<i>Prior Year</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</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> 2,3
<i>Project Title</i> Orange Co. Economic Development Zone Improvements		<i>Pin Number</i>	
<i>Master Plan</i>			

Project Description

This will entail master planning major water and sanitary sewer infrastructure for the City's utility service area within Orange County, followed by design, permitting and construction.



<i>PROJECT STATUS - June 2013</i>	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$121,000	Beginning 03/13 Completion 12/15	New

<i>Appropriation</i>	<i>Prior Year</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</i>	<i>Future Years</i>	<i>TOTAL</i>
Planning/Design	\$700,000	\$0	\$300,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$3,000,000	\$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>	\$700,000	\$0	\$300,000	\$3,000,000	\$0	\$0	\$0	\$0	\$4,000,000

<i>Revenue</i>	<i>Prior Year</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</i>	<i>Future Years</i>	<i>TOTAL</i>
Pay-As-You-Go	\$700,000	\$0	\$300,000	\$3,000,000	\$0	\$0	\$0	\$0	\$4,000,000
GOB Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GOB Unauthorize	\$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>	\$700,000	\$0	\$300,000	\$3,000,000	\$0	\$0	\$0	\$0	\$4,000,000

<i>Operating</i>	<i>Prior Year</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</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 -</i> June 2013	<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>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</i>	<i>Future Years</i>	<i>TOTAL</i>
Planning/Design	\$366,000	\$550,000	\$0	\$550,000	\$0	\$550,000	\$0	\$550,000	\$2,566,000
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$1,102,000	\$0	\$550,000	\$0	\$550,000	\$0	\$550,000	\$0	\$2,752,000
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$163,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$163,000
Total	\$1,631,000	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$5,481,000


<i>Revenue</i>	<i>Prior Year</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</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 Unauthorize	\$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	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$5,481,000
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	\$1,631,000	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$5,481,000

<i>Operating</i>	<i>Prior Year</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</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>	<i>District:</i> 3
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<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
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<p><i>Project Description</i></p> <p>This project will construct an addition to the existing biosolids storage pad with a cover to properly handle increased de-watered biosolids quantities.</p>	
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<i>PROJECT STATUS - June 2013</i>	\$0	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures		Beginning 03/11 Completion 12/13	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</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	\$2,821,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,821,000
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$282,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$282,000
<i>Total</i>	\$3,588,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,588,000

<i>Revenue</i>	<i>Prior Year</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</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 Unauthorize	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Unauthorized	\$3,588,000	\$0	\$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>	\$3,588,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,588,000

<i>Operating</i>	<i>Prior Year</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</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
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<i>Project Title</i> Sewer Collection System Rehabilitation	<i>Pin Number</i>	<i>Master Plan</i> Water & Sewer Strategic Plan
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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 -</i> June 2013	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$32,132,468	Beginning 12/04 Completion 12/24	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</i>	<i>Future Years</i>	<i>TOTAL</i>
Planning/Design	\$143,920	\$1,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	16,643,920
Land	\$46,767	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$46,767
Construction	45,647,167	\$3,500,000	\$4,500,000	\$4,500,000	\$4,500,000	\$4,500,000	\$4,500,000	\$4,500,000	76,147,167
Equip/Furnishings	\$5,895	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,895
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total</i>	\$45,843,749	\$5,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$92,843,749

<i>Revenue</i>	<i>Prior Year</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</i>	<i>Future Years</i>	<i>TOTAL</i>
Pay-As-You-Go	19,701,359	\$5,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	66,701,359
GOB Authorized	\$4,850,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,850,000
GOB Unauthorize	\$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	13,789,118	\$0	\$0	\$0	\$0	\$0	\$0	\$0	13,789,118
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
<i>Total</i>	\$45,843,749	\$5,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$92,843,749

<i>Operating</i>	<i>Prior Year</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</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> 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.



<i>PROJECT STATUS - June 2013</i>		<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures	\$5,435,955	Beginning 07/12 Completion 07/19	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</i>	<i>Future Years</i>	<i>TOTAL</i>
Construction	10,831,732	\$0	\$1,500,000	\$1,750,000	\$1,750,000	\$1,750,000	\$1,750,000	\$1,750,000	21,081,732
Total	\$10,831,732	\$0	\$1,500,000	\$1,750,000	\$1,750,000	\$1,750,000	\$1,750,000	\$1,750,000	\$21,081,732

<i>Revenue</i>	<i>Prior Year</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</i>	<i>Future Years</i>	<i>TOTAL</i>
Pay-As-You-Go	\$5,900,000	\$0	\$1,500,000	\$1,750,000	\$1,750,000	\$1,750,000	\$1,750,000	\$1,750,000	16,150,000
GOB Authorized	\$750,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$750,000
GOB Unauthorize	\$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
Total	\$10,831,732	\$0	\$1,500,000	\$1,750,000	\$1,750,000	\$1,750,000	\$1,750,000	\$1,750,000	\$21,081,732

<i>Operating</i>	<i>Prior Year</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</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>	<i>District:</i> 2
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<i>Project Title</i> Wastewater Process Rehabilitation	<i>Pin Number</i>	<i>Master Plan</i> Water and Sewer Strategic Plan
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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 - June 2013</i>	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$10,178,885	Beginning 07/07 Completion 07/18	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</i>	<i>Future Years</i>	<i>TOTAL</i>
Planning/Design	\$1,870,000	\$2,000,000	\$5,000,000	\$3,000,000	\$3,000,000	\$1,500,000	\$1,500,000	\$1,500,000	19,370,000
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	25,325,000	\$8,000,000	19,000,000	\$9,000,000	12,000,000	\$4,500,000	\$4,500,000	\$4,500,000	86,825,000
Equip/Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$840,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$840,000
<i>Total</i>	\$28,035,000	\$10,000,000	\$24,000,000	\$12,000,000	\$15,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$107,035,000

<i>Revenue</i>	<i>Prior Year</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</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 Unauthorize	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Unauthorized	23,094,606	10,000,000	24,000,000	12,000,000	15,000,000	\$6,000,000	\$6,000,000	\$6,000,000	02,094,606
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>	\$28,035,000	\$10,000,000	\$24,000,000	\$12,000,000	\$15,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$107,035,000

<i>Operating</i>	<i>Prior Year</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</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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Project Description

This project involves the renovation and expansion of the Water Management Facility at Mist Lake Drive to accommodate the Water & Sewer Maintenance Division.



<i>PROJECT STATUS - June 2013</i>	<i>PROJECTED DATES:</i>	<i>TYPE REQUEST</i>
Total Expenditures \$84,000	Beginning 09/10 Completion 07/16	Continuation

<i>Appropriation</i>	<i>Prior Year</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</i>	<i>Future Years</i>	<i>TOTAL</i>
Planning/Design	\$1,000,000	\$0	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$4,000,000
Construction	\$6,800,000	\$0	12,000,000	\$0	\$0	\$0	\$0	\$0	18,800,000
Total	\$7,800,000	\$0	\$15,000,000	\$0	\$0	\$0	\$0	\$0	\$22,800,000

<i>Revenue</i>	<i>Prior Year</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</i>	<i>Future Years</i>	<i>TOTAL</i>
Pay-As-You-Go	\$800,000	\$0	15,000,000	\$0	\$0	\$0	\$0	\$0	15,800,000
GOB Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GOB Unauthorize	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Authorized	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rev Unauthorized	\$7,000,000	\$0	\$0	\$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
Total	\$7,800,000	\$0	\$15,000,000	\$0	\$0	\$0	\$0	\$0	\$22,800,000

<i>Operating</i>	<i>Prior Year</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</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