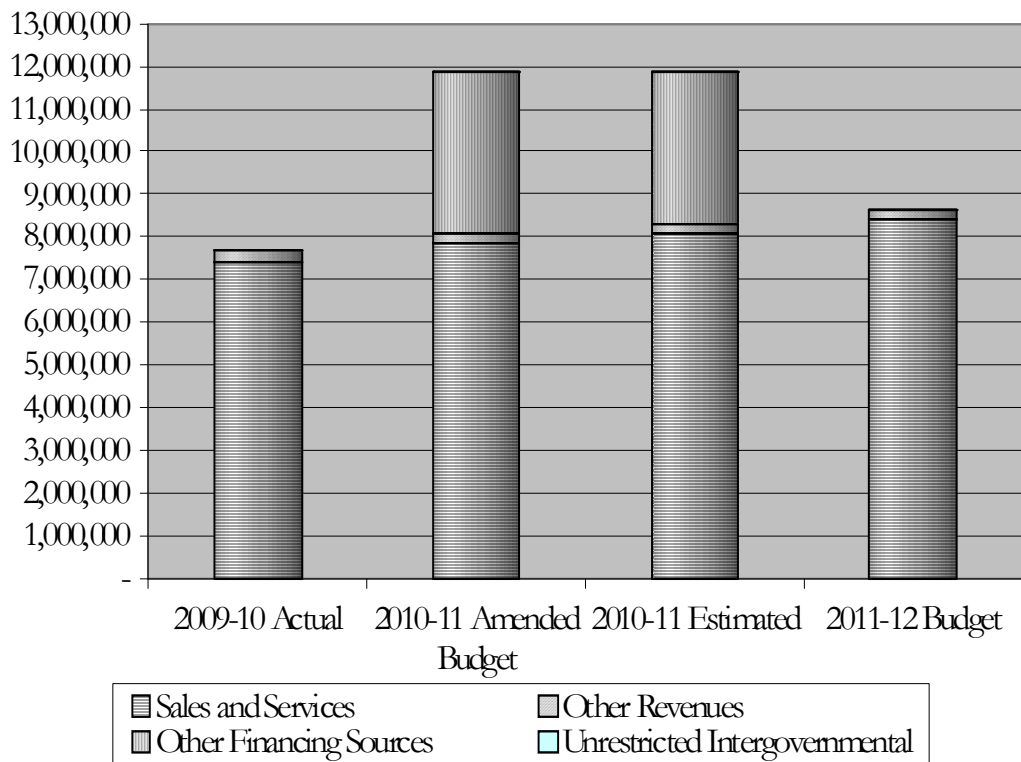


WATER & WASTEWATER FUND REVENUE SUMMARY

Sources	2009-10 Actual	2010-11 Amended Budget	2010-11 Estimated	2011-12 Budget
Unrestricted Intergovernmental	\$ -	\$ 12,631	\$ 12,631	\$ 11,986
Sales and Services	7,411,109	7,864,860	8,095,324	8,418,427
Other Revenues	257,067	202,950	208,882	195,800
Other Financing Sources	-	3,781,934	3,557,240	-
Total	\$ 7,668,176	\$ 11,862,375	\$ 11,874,077	\$ 8,626,213



**WATER & WASTEWATER ADMINISTRATION DEPARTMENT
ENTERPRISE FUND**

Statement of Department’s Purpose:

The purpose of the Water and Wastewater Administration Department is to provide administrative oversight to ensure that the customers of the City’s water and wastewater treatment plants receive quality service, the City complies with environmental mandates, and the employees have a quality work experience.

Departmental Functions:

- Provide administrative support for operation of the water and wastewater treatment plants
- Provide information to the City’s Utilities Commission and City Council on the state of the City’s water and wastewater treatment systems
- Provide information to the public on the state of the City’s water and wastewater treatment systems
- Administer all state and federal permits associated with the operation of the water and wastewater treatment plants

2011-12 Objectives:

- Ensure that water and wastewater plants maintain compliance with federal and state regulations
- Collaborate with water and wastewater plant personnel so that operations are optimized to maintain performance while reducing costs
- Provide staff support necessary to promote recreation and water quality at Lake Thom-A-Lex
- Provide staff support for water quality related initiatives in the Abbots and Swearing Creek drainage basins
- Continue to work with property owners in the Lake Thom-A-Lex watershed to promote and acquire conservation easements
- With Thomasville and Davidson County as partners, provide staff support for the construction of the pilot greenway project that runs from Lexington’s water plants to Lake Thom-a-Lex

Performance Measures Summary:

Measures	FY 07-08	FY 08-09	FY 09-10
# of administrative employees for water & wastewater	2	2	2
# of water customers	8,334	8,338	8,277
# of wastewater customers	8,036	7,963	7,937

**WATER & WASTEWATER ADMINISTRATION DEPARTMENT
ENTERPRISE FUND**

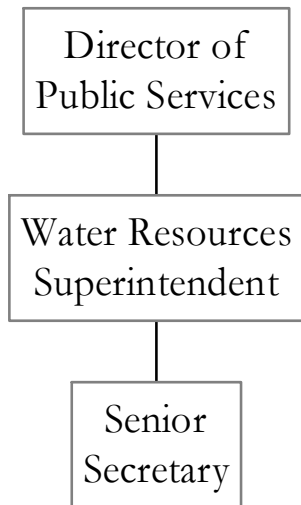
Budget Summary:

Expenditure Summary	2009-10 Actual	2010-11 Amended Budget	2010-11 Estimated	2011-12 Budget
Personnel	\$ 145,284	\$ 152,919	\$ 151,191	\$ 151,268
Operations	2,012,655	2,318,997	2,222,699	2,314,390
Capital Outlay	-	-	-	-
Other Financing Uses	583,631	4,317,981	4,318,341	805,239
Total	\$ 2,741,570	\$ 6,789,897	\$ 6,692,231	\$ 3,270,897

Personnel Positions	2009-10 Authorized	2010-11 Authorized	2011-12 Authorized	2011-12 Funded
Full Time	2	2	2	2

Capital Outlay: None.

City of Lexington Water & Wastewater Administration



**WATER PLANT DEPARTMENT
ENTERPRISE FUND**

Statement of Department’s Purpose:

The purpose of the Water Plant Department is to provide an adequate supply of safe and pleasing drinking water at a reasonable cost, friendly and courteous service that is both timely and effective, as well as provide fire protection water supply for all customers.

Departmental Functions:

- Operate two water treatment plants to maintain compliance with permits and protect the health of the water system’s customers
- Operate the two water plants to provide adequate volumes of water for fire protection as necessary
- Operate a laboratory to provide data for operation of the water plants, the operation of the distribution system, and for state compliance reporting
- Assist (with Thomasville) in the upkeep of Lake Thom-A-Lex and in protecting its water quality
- With Thomasville and Davidson County as partners, begin construction of the pilot greenway project that runs from Lexington’s water plants to Lake Thom-a-Lex

2011-12 Objectives:

- Provide a safe and productive work place
- Comply with state and federal regulations
- Continue maintenance program upgrades to water plant to enhance reliability
- Begin installation of remaining treatment elements necessary to comply with new regulations taking effect on October 2013
- Begin bringing Plant #2 up to the capabilities of Plant #1

Performance Measures Summary:

Measures	FY 07-08	FY 08-09	FY 09-10
# of water plant employees	11	11	11
# of water plants	2	2	2
Design plant capacity (mgd)	9.4	9.4	9.4
Residential water bill (3 CCF usage)	\$12.33	\$14.12	\$14.49
Residential water bill (10 CCF usage)	\$21.78	\$24.20	\$24.85

**WATER PLANT DEPARTMENT
ENTERPRISE FUND**

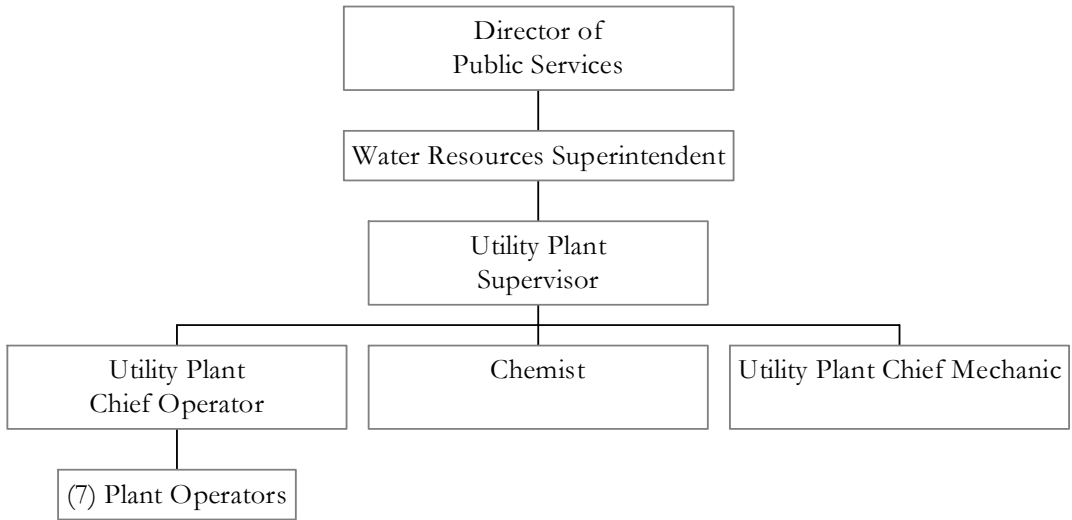
Budget Summary:

Expenditure Summary	2009-10 Actual	2010-11 Amended Budget	2010-11 Estimated	2011-12 Budget
Personnel	\$ 608,544	\$ 654,345	\$ 638,528	\$ 650,684
Operations	792,976	1,037,799	995,670	851,789
Capital Outlay	-	7,500	7,500	-
Total	\$ 1,401,520	\$ 1,699,644	\$ 1,641,698	\$ 1,502,473

Personnel Positions	2009-10 Authorized	2010-11 Authorized	2011-12 Authorized	2011-12 Funded
Full Time	11	11	11	11

Capital Outlay: None.

City of Lexington Water Plant



**WASTEWATER TREATMENT PLANT DEPARTMENT
ENTERPRISE FUND**

Statement of Department’s Purpose:

The purpose of the Wastewater Treatment Plant Department is to provide quality, environmentally safe wastewater treatment at a reasonable cost to the customers of Lexington; where customers are treated in a friendly, courteous, and knowledgeable manner and given a prompt internal or external solution.

Departmental Functions:

- Treat wastewater at the Lexington Regional Wastewater Treatment Plant
- Produce compost from sludge generated at the Lexington Regional Wastewater Treatment Plant
- Operate two spray irrigation systems – one at the Lexington Wastewater Treatment Plant and one at the Lexington Golf Course
- Provide laboratory support for the wastewater treatment plan, the pretreatment program and the permits associated with water and wastewater treatment facilities
- Maintain a pretreatment program and an associated oil and grease program for the wastewater plant and the collection system

2011-12 Objectives:

- Provide a safe and productive work place
- Maintain the level of operation at the compost plant
- Clean sand accumulations in the aeration systems
- Continue with scheduled replacements of mixers and blowers and overhaul of the belt press
- Begin upgrade of the capacity of the compost facility
- Continue to evaluate operation of the sludge handling facilities to see if the use of the anaerobic digesters can be discontinued
- Clean grit accumulations in the aeration tanks

Performance Measures Summary:

Measures	FY 07-08	FY 08-09	FY 09-10
# of wastewater treatment plant employees	16	16	16
# of wastewater plants	1	1	1
Plant capacity (mgd)	6.5	6.5	6.5
Residential sewer bill (3 CCF usage)	\$15.43	\$18.24	\$19.16
Residential sewer bill (10 CCF usage)	\$33.42	\$37.35	\$39.25

**WASTEWATER TREATMENT PLANT DEPARTMENT
ENTERPRISE FUND**

Budget Summary:

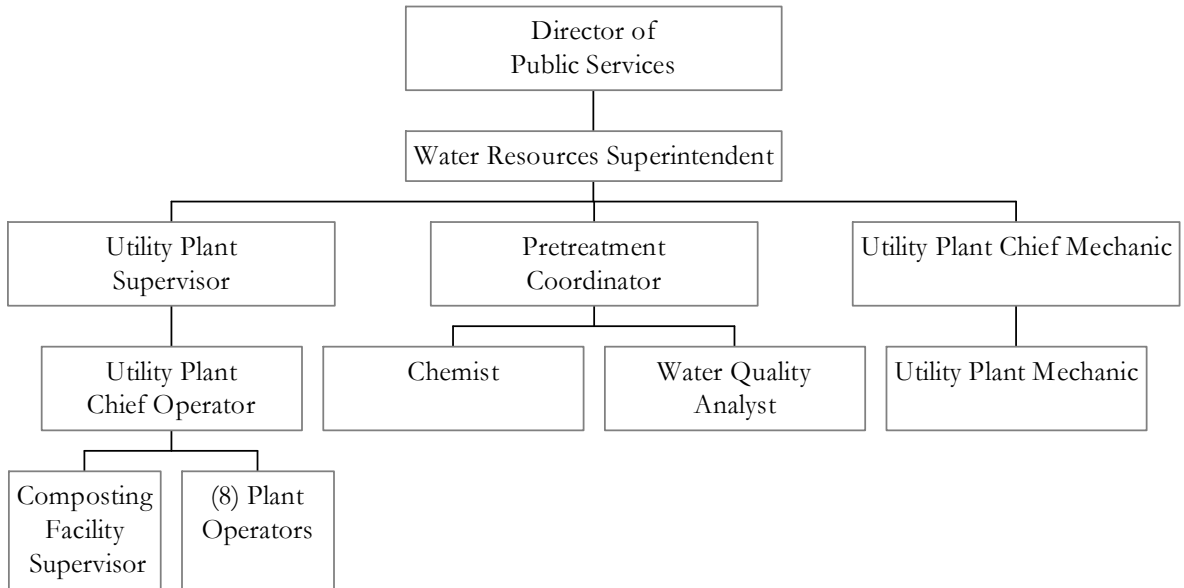
Expenditure Summary	2009-10 Actual	2010-11 Amended Budget	2010-11 Estimated	2011-12 Budget
Personnel	\$ 836,752	\$ 954,871	\$ 931,067	\$ 954,371
Operations	1,143,112	1,149,974	1,091,534	1,264,512
Capital Outlay	153,340	-	-	8,000
Total	\$ 2,133,204	\$ 2,104,845	\$ 2,022,601	\$ 2,226,883

Personnel Positions	2009-10 Authorized	2010-11 Authorized	2011-12 Authorized	2011-12 Funded
Full Time	16	16	16	16

Capital Outlay:

Item	New/Replacement	2011-12 Budget
Zero Turn Mower	R	<u>\$ 8,000</u>
Total		<u><u>\$ 8,000</u></u>

City of Lexington Wastewater Treatment Plant



**PUBLIC WORKS DEPARTMENT
ENTERPRISE FUND**

Statement of Department’s Purpose:

To maintain the water distribution and wastewater collection systems, including but not limited to: 212 miles of wastewater mains, 187 miles of water mains, over 10,000 water taps, over 9,000 wastewater taps, 32 wastewater pumping stations and provide 24 hour service.

Departmental Functions:

Installation and maintenance of water and wastewater mains, water meters, water and wastewater service connections, fire hydrants, wastewater manholes, wastewater outfalls, wastewater pumping stations, budget preparation, capital improvement planning, inspection and approval of contractor built projects, and compliance with all water and wastewater regulations as mandated by the North Carolina Department of Natural Resources.

2011-12 Objectives:

- Provide quality customer service and ensure sensible growth of recently built wastewater systems
- Repair and replace identified sections of defective wastewater mains
- Clean and inspect wastewater mains in at least 10% of the service area
- Replace 10 old or defective fire hydrants
- Provide continuous emergency response to utility emergencies
- Negotiate and comply with the terms of the collection system permit
- Review lift stations for possible replacement with gravity lines
- Review large diameter wastewater mains for possible slip lining and renewal replacement projects
- Provide assistance and inspection for the wastewater projects being built by Davidson County
- Implement and update the Geographic Information System (GIS) mapping system and database
- Provide GIS capability to crews in the field

Performance Measures Summary:

Measures	FY 07-08	FY 08-09	FY 09-10
# of water & wastewater maintenance & construction employees	15	15	15
Water miles	187	187	187
Wastewater miles	202	212	212
Annual water sales (millions of gallons)	932	876	823
Annual water production (millions of gallons)	1,110	985	875
% system loss	16%	11%	6%

**PUBLIC WORKS DEPARTMENT
ENTERPRISE FUND**

Budget Summary:

Expenditure Summary	2009-10 Actual	2010-11 Amended Budget	2010-11 Estimated	2011-12 Budget
Personnel	\$ 744,462	\$ 803,865	\$ 769,111	\$ 784,446
Operations	423,386	441,979	414,549	841,514
Capital Outlay	35,978	22,145	16,450	-
Total	\$ 1,203,826	\$ 1,267,989	\$ 1,200,110	\$ 1,625,960

Personnel Positions	2009-10 Authorized	2010-11 Authorized	2011-12 Authorized	2011-12 Funded
Full Time	15	15	15	15

Capital Outlay: None.

City of Lexington Public Works Maintenance & Construction

