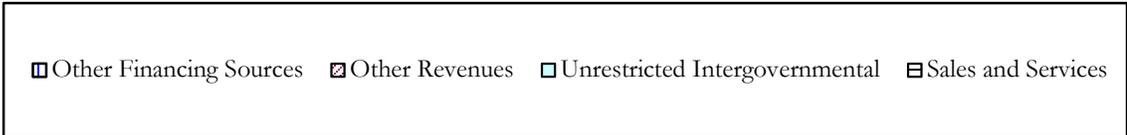
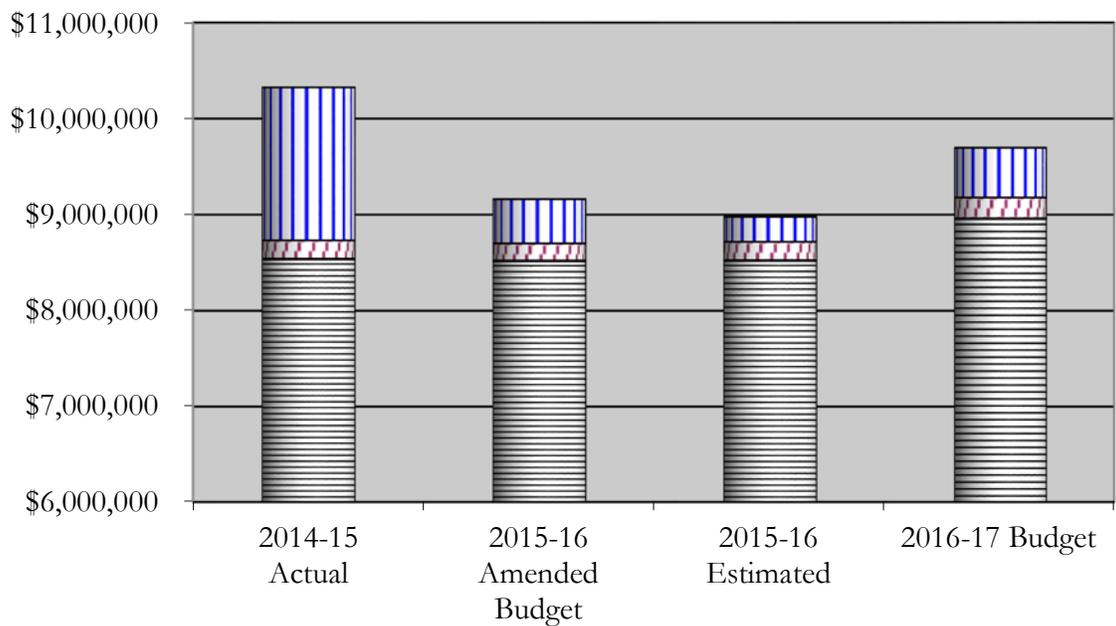


**WATER & WASTEWATER FUND  
REVENUE SUMMARY**

Sources	2014-15 Actual	2015-16 Amended Budget	2015-16 Estimated	2016-17 Budget
Unrestricted Intergovernmental	\$ 9,174	\$ 8,468	\$ 8,492	\$ 7,783
Sales and Services	8,533,239	8,514,714	8,518,084	8,954,209
Other Revenues	189,998	177,340	190,890	216,141
Other Financing Sources	1,592,354	460,842	260,090	518,793
<b>Total</b>	<b>\$ 10,324,765</b>	<b>\$ 9,161,364</b>	<b>\$ 8,977,556</b>	<b>\$ 9,696,926</b>



## **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; provide oversight to the Public Works Department; provide engineering, technical and contract management assistance to all city departments.

### **Departmental Functions for Water and Wastewater:**

- 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 water and wastewater treatment systems
- Provide information to the public on the state of the water and wastewater treatment systems
- Administer all state and federal permits associated with the operation of the water and wastewater treatment plants

### **Departmental Functions Citywide:**

- Schedule, design, prepare specifications, acquire permits, secure right-of-ways, advertise, bid and manage all capital improvement projects as directed and approved by the City Council and the City Manager
- Building permit and Planning Board reviews, design and construction management, pavement asset management, NC Department of Transportation (NCDOT) coordination, certify plat review for recordation in Davidson County, FEMA compliance, Powell Bill statement and map certification, maintain 811 underground utility location grids

### **2016-17 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 water quality and recreation 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
- Coordination of NCDOT Bridge Construction Enhancements
- Coordination of Water/Wastewater conflicts on NCDOT Bridge Construction Projects

**WATER & WASTEWATER ADMINISTRATION DEPARTMENT  
ENTERPRISE FUND**

**2016-17 Objectives Cont'd:**

- Manage the outsourcing of street maintenance programs
- Use Facility Maintenance Approach to access best management practice for pavement, water and wastewater infrastructure
- Construction review and inspection of wastewater extensions in areas by other partners

**Performance Measures Summary:**

Measures	FY 12-13	FY 13-14	FY 14-15
# of administrative employees for water & wastewater	1	1	1
# of water customers	8,257	8,252	8,272
# of wastewater customers	7,954	7,988	8,022

**Budget Summary:**

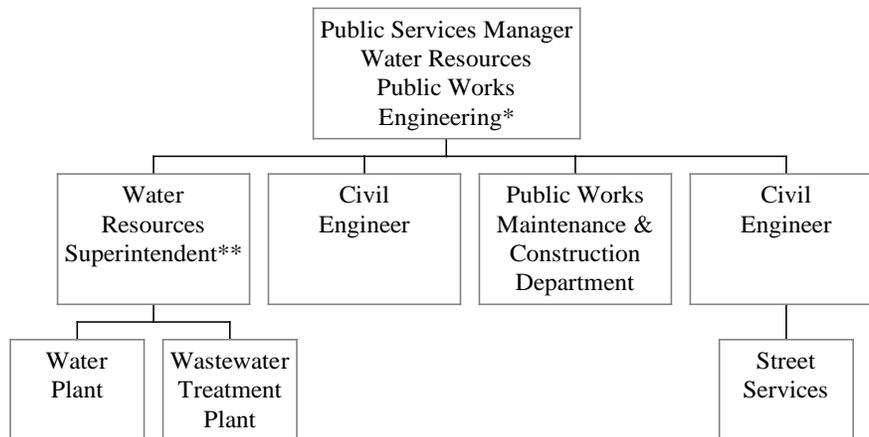
Expenditure Summary	2014-15 Actual	2015-16 Amended Budget	2015-16 Estimated	2016-17 Budget
Personnel	\$ 101,239	\$ 296,155	\$ 240,364	\$ 187,638
Operations	1,195,145	1,254,959	1,257,351	1,587,036
Debt Service	955,737	900,495	900,492	875,997
Capital Outlay	5,979	-	-	-
Other Financing Uses	2,141,827	465,020	465,020	431,543
<b>Total</b>	<b>\$ 4,399,927</b>	<b>\$ 2,916,629</b>	<b>\$ 2,863,227</b>	<b>\$ 3,082,214</b>

Personnel Positions	2014-15 Authorized	2015-16 Authorized	2016-17 Authorized	2016-17 Funded
Full Time	1	3	3	2

**Capital Outlay:** None.



# City of Lexington Water & Wastewater Administration



\*Public Services Manager funded in Water & Wastewater Administration but provides leadership over the departments of Water Plant, Wastewater Plant, Public Works Maintenance & Construction, and Street Services.

\*\*Water Resources Superintendent (unfunded in FY 2016-17) provides leadership over the departments of Water Plant and Wastewater Treatment Plant.

**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
- Partner with Thomasville in the upkeep of Lake Thom-A-Lex and in protecting its water quality

**2016-17 Objectives:**

- Provide a safe and productive work place
- Comply with state and federal regulations
- Continue maintenance program upgrades to water plant to enhance reliability
- Finish construction of two new drying beds
- Comply with new regulations effective in October 2013
- 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

**Performance Measures Summary:**

Measures	FY 12-13	FY 13-14	FY 14-15
# 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)	\$15.24	\$15.24	\$15.24
Residential water bill (10 CCF usage)	\$26.16	\$26.16	\$26.16

**WATER PLANT DEPARTMENT  
ENTERPRISE FUND**

**Budget Summary:**

Expenditure Summary	2014-15 Actual	2015-16 Amended Budget	2015-16 Estimated	2016-17 Budget
Personnel	\$ 666,227	\$ 739,959	\$ 722,437	\$ 748,424
Operations	954,890	968,967	985,060	911,897
Capital Outlay	-	44,640	13,140	86,300
Total	\$ 1,621,117	\$ 1,753,566	\$ 1,720,637	\$ 1,746,621

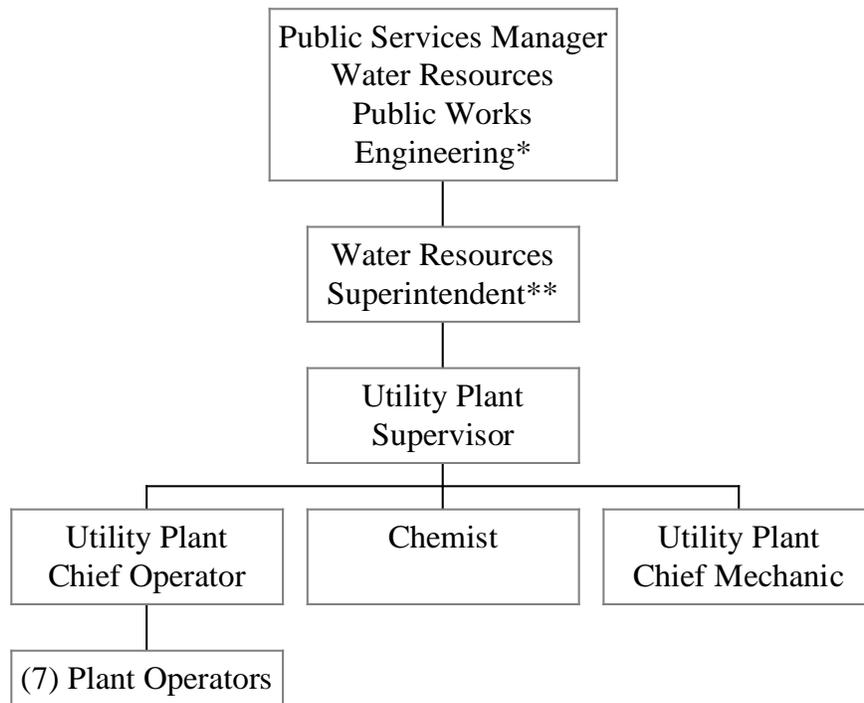
Personnel Positions	2014-15 Authorized	2015-16 Authorized	2016-17 Authorized	2016-17 Funded
Full Time	11	11	11	11

**Capital Outlay:**

<u>Item</u>	<u>New/Replacement</u>	<u>2016-17 Budget</u>
SCADA System Upgrade	R	<u>\$ 86,300</u>
Total		<u><u>\$ 86,300</u></u>



# City of Lexington Water Plant



\*Public Services Manager funded in Water & Wastewater Administration but provides leadership over the departments of Water Plant, Wastewater Plant, Public Works Maintenance & Construction, and Street Services.

\*\*Water Resources Superintendent (unfunded in FY 2016-17) provides leadership over the departments of Water Plant and Wastewater Treatment 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

**2016-17 Objectives:**

- Provide a safe and productive work place
- Maintain the level of operation at the compost plant
- Continue project to upgrade capacity for the compost facility
- Renew all wastewater permits

**Performance Measures Summary:**

Measures	FY 12-13	FY 13-14	FY 14-15
# 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)	\$21.11	\$21.11	\$21.11
Residential sewer bill (10 CCF usage)	\$43.23	\$43.23	\$43.23

**WASTEWATER TREATMENT PLANT DEPARTMENT  
ENTERPRISE FUND**

**Budget Summary:**

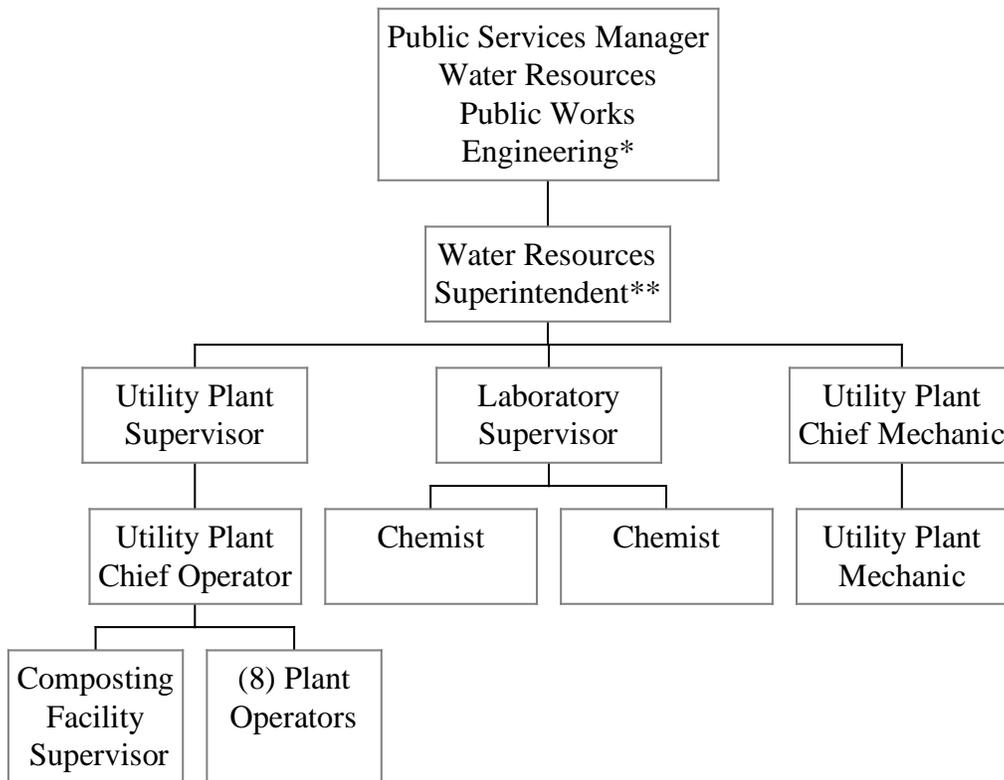
Expenditure Summary	2014-15 Actual	2015-16 Amended Budget	2015-16 Estimated	2016-17 Budget
Personnel	\$ 1,061,291	\$ 1,143,685	\$ 1,123,757	\$ 1,225,435
Operations	1,148,735	1,314,721	1,276,425	1,529,814
Capital Outlay	198,481	293,360	293,360	-
Total	\$ 2,408,507	\$ 2,751,766	\$ 2,693,542	\$ 2,755,249

Personnel Positions	2014-15 Authorized	2015-16 Authorized	2016-17 Authorized	2016-17 Funded
Full Time	16	16	16	16

**Capital Outlay:** None.



# City of Lexington Wastewater Treatment Plant



\*Public Services Manager funded in Water & Wastewater Administration but provides leadership over the departments of Water Plant, Wastewater Plant, Public Works Maintenance & Construction and Street Services.

\*\*Water Resources Superintendent (unfunded in FY 2016-17) provides leadership over the departments of Water Plant and 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: 216 miles of wastewater mains, 192 miles of water mains, over 10,000 water taps, over 9,000 wastewater taps, 34 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 (NCDENR).

**2016-17 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
- Provide assistance and inspection for the wastewater projects being built by Davidson County
- Update the Geographic Information System (GIS) mapping system and database
- Train highly skilled employees of new mandates, regulations and reporting improvements put out by State and Federal officials as well as NCDENR
- Accomplish the goals set by City Council for the overall Public Service Mission
- GPS critical valves and add them into our main mapping system

**Performance Measures Summary:**

Measures	FY 12-13	FY 13-14	FY 14-15
# of water & wastewater maintenance & construction employees	15	15	15
Water miles	192	192	192
Wastewater miles	214	216	216
Annual water sales (millions of gallons)	833	880	903
Annual water production (millions of gallons)	966	1,010	1,009
% system loss	11%	11%	9%

**PUBLIC WORKS DEPARTMENT  
ENTERPRISE FUND**

**Budget Summary:**

Expenditure Summary	2014-15 Actual	2015-16 Amended Budget	2015-16 Estimated	2016-17 Budget
Personnel	\$ 745,820	\$ 828,084	\$ 813,530	\$ 958,726
Operations	462,222	819,919	780,597	1,079,116
Capital Outlay	296,681	91,400	97,500	75,000
Total	\$ 1,504,723	\$ 1,739,403	\$ 1,691,627	\$ 2,112,842

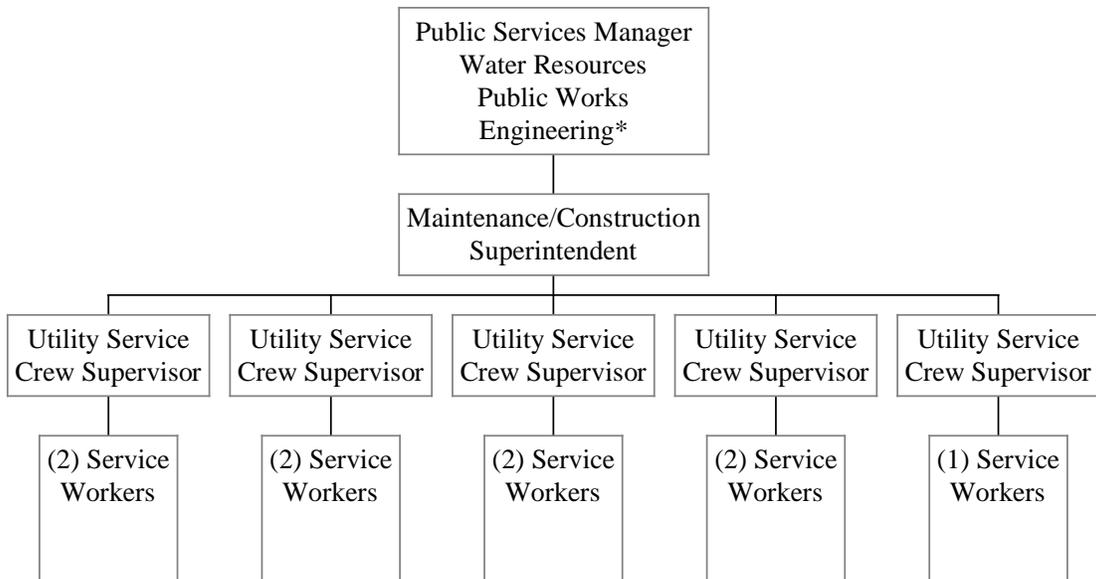
Personnel Positions	2014-15 Authorized	2015-16 Authorized	2016-17 Authorized	2016-17 Funded
Full Time	15	14	15	15

**Capital Outlay:**

Item	New/Replacement	2016-17 Budget
Pump Station Generator	N	<u>\$ 75,000</u>
Total		<u><u>\$ 75,000</u></u>



# City of Lexington Public Works Maintenance & Construction



\*Public Services Manager funded in Water & Wastewater Administration but provides leadership over the departments of Water Plant, Wastewater Plant, Public Works Maintenance & Construction and Street Services.

