

Davie County  
Public Utilities Department

2013-2014  
Proposed Budget

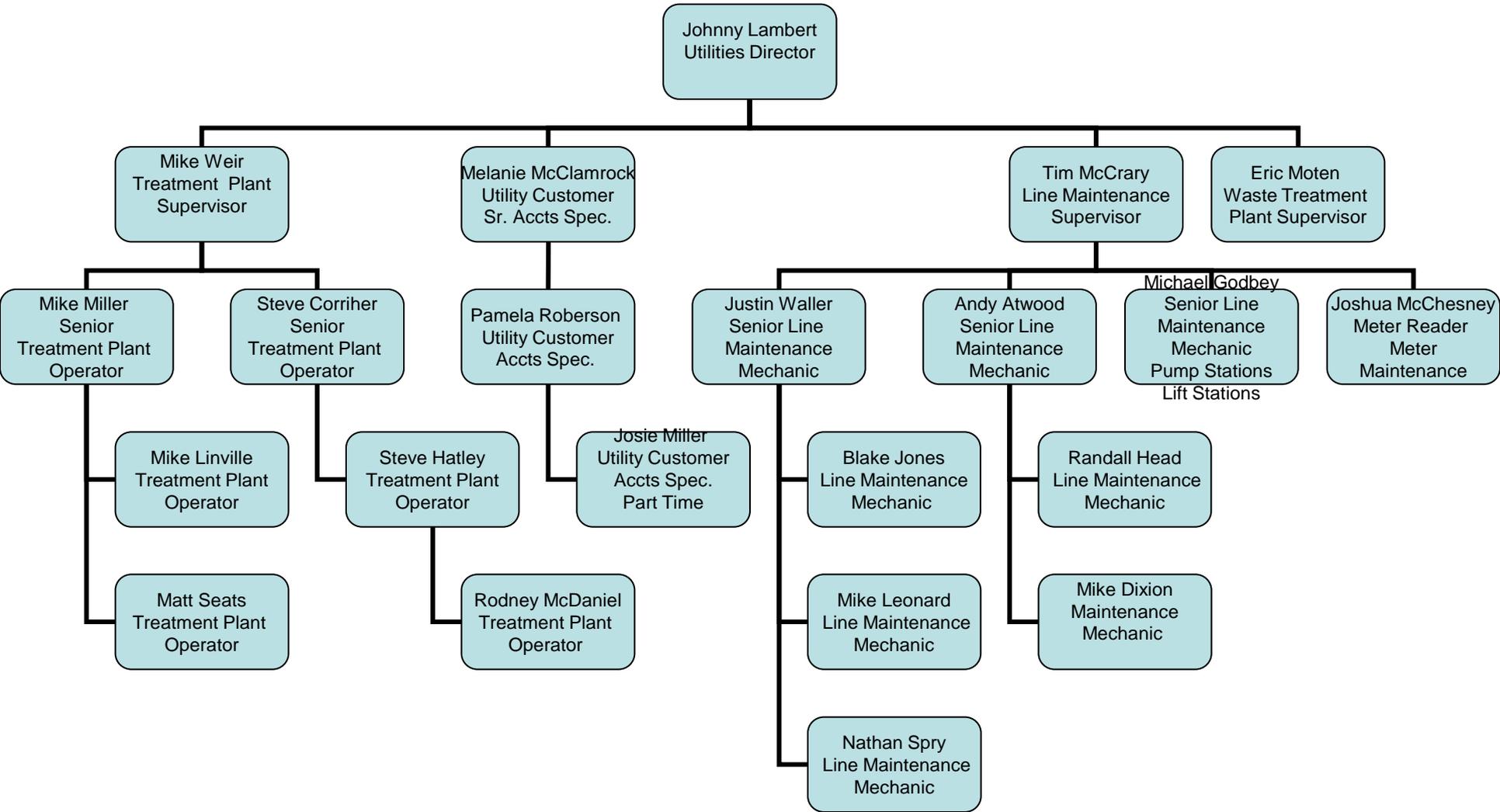
**DEPARTMENTAL ACTIVITIES & GOALS**

The 2013-2014 goal of the Public Utilities Department is to provide the highest quality drinking water and customer service to the residents of Davie County as efficiently as possible. We will strive to seek advancements in our water and wastewater systems. We will continue in the advancement of the automated meter reading system that is over 50% complete. We will continue to increase technology to further us in the operation of our facilities more efficiently and cost effectively. We will continue to increase our knowledge through certificate training so that we remain compliant with all rules and regulations that may be implemented by state and federal agencies. This will also make a fully trained and functional staff of professionals for the citizens of Davie County. We will continue to cross train employees in their respective department to ensure knowledgeable, well organized staff.

Due to Davie County Public Utilities being an enterprise fund, it is imperative that our rates for services accurately reflect and account for the cost to provide the service to the citizens of Davie County. The fees for services will be increased to accurately reflect the cost to provide this service and is detailed in the spreadsheet attached. It's purposed that Davie County increase water and sewer rates 3% as directed by several studies that were completed in the 2012 budget year with an increase of five dollars to the minimum bill for Eastern Davie Sewer. We have been directed to acquire permits to build a 750,000 gpd sewer plant in eastern Davie County and will continue this process thru the 2013-2014 budget year. We will continue to map the entire utility system with GPS coordinates of all valve, hydrant and meter locations. We will continue to upgrade SCADA systems so we can interconnect both water plants to be able to view levels and system notifications along with detailed reports. This will also be performed at the WWTP to view and log lift stations' data at the waste water treatment plant. The Sparks Road water treatment plant continues to succeed in the State's AWOP Program for the third straight year. Cooleemee water treatment plant seeks to receive its first AWOP award becoming one of the oldest water treatment plants to be optimized in the State of North Carolina. The process of upgrading two lift stations to serve the WFBH center and new gravity sewer line should be completed in the 2012-2013 budget year. The extension of a force main and one lift station to serve the Ashley furniture site will also be complete in the 2012-2013 budget year.

The Cooleemee Wastewater Treatment Facility will continue to look for ways to decrease our B.O.D and T.S.S discharge to further minimize our carbon footprint on the environment and maintain a positive relationship with NCDENR and the community. The Sparks Road Water Treatment Plant will continue to find new ways to control its algae problem in the raw water reservoir and ensure water quality is not jeopardized by harmful algae blooms. This budget year we will continue to upgrade all lift stations to report and run off of telemetry & SCADA. Davie County Public Utilities will continue to seek ways to modernize the water and wastewater treatment process to meet economic growth and will continue to serve as the premier utility.

# Organizational Structure



## UTILITIES OVERVIEW

Name	Position	Admin	Operations	WTP	WWTP	East Davie
Johnny Lambert	Director Of Public Utilities	25%	25%	25%	15%	10%
Melanie McClamrock	Utility Customer Account Specialist	100%				
Pamela Robertson	Utility Customer Account Specialist	100%				
Josie Miller	Utility Customer Account Specialist (	100%				
Mike Weir	Water Treatment Plant Supervisor			75%	25%	
Mike Linville	Water Treatment Plant Operator			100%		
Mike Miller	Senior Treatment Plant Operator			100%		
Steve Hatley	Water Treatment Plant Operator			100%		
Steve Corriher	Water Treatment Plant Operator			100%		
Rodney McDaniel	Water Treatment Plant Operator			100%		
Timothy McCrary	Line Maintenance Supervisor		75%			25%
Justin Waller	Sr.Line Maintenance Mechanic		100%			
Mike Leonard	Line Maintenance Mechanic		100%			
Nathan Spry	Line Maintenance Mechanic		100%			
Randall Head	Line Maintenance Mechanic		100%			
Andy Atwood	Sr.Line Maintenance Mechanic		100%			
Michael Godbey	Line Maintenance Mechanic		50%			50%
Joshua McChesney	Line Maintenance Mechanic		100%			
Blake Jones	Line Maintenance Mechanic		100%			
Mike Dixon	Line Maintenance Mechanic		100%			
Eric Moten	Waste Treatment Plant Supervisor				100%	

## ACTIVITY JUSTIFICATION

Activity: <b>Administrative Employees</b>	Number of <b>3.25</b>	# of Full-time <b>2.25</b> # of Part-Time <b>1</b>	Annual Cost: 233,740
Mandated by GS - NCGS # _____	County Cost:		Federal/State Cost: <b>0</b>

### Each Employee, Job Title, Duties/Responsibilities of Positions in the Activity:

Johnny Lambert            Director of Public Utilities 25% (Administrative)  
 Melanie McClamrock    Sr. Utility Customer Accounts Specialist 100% (Administrative)  
 Pamela Roberson        Utility Customer Accounts Specialist 100% (Administrative)  
 Josie Miller              Part Time Utility Customer Accounts Specialist 100% (Administrative)

#### Utility Director:

Work involves responsibility for division staffing, budget development and administration. Plans, organizes and directs the work of subordinate supervisors and employees. Provide back up and support to all subordinate personnel. Answers customers complaints, troubleshoots for billing concerns. Reporting for billing for the Town of Mocksville and Bermuda Run getting all audit information that is needed on a yearly basis to the finance department. Answers complaints from citizens, researches problems, and answers to their questions; adjusts bills for leaks, incorrect meter readings, etc. Works on rate maintenance and closely with billing software support to maintain a proper billing system.

#### SENIOR UTILITY CUSTOMER ACCOUNTS SPECIALIST:

An employee in this class is responsible for the activities which involve the generation and disbursement of the utility bills; handling customer inquiries relating to utility billings and general customer services; preparing and verifying a variety of reports and records; collecting utility bills and other revenues, coordinating with the field services functions and supervisory functions of the office staff. Work requires multiple detailed procedural steps and knowledge of the utility billing process and computer application. Work involves public contact functions, and requires considerable tact and courtesy. Work is performed under general supervision and is evaluated through conferences, by accuracy and timeliness of customer service records and bills, and thoroughness of assigned responsibilities. Reviews all billing reports for meter malfunctions and accuracy of water and sewer usage prior to creating final billing report to submit for processing. Performs route coordination with all AMR installation and enters GPS coordinates into the billing system. Processes all reporting for leak detection thru the AMR system and performs customer contacts regarding leaks. Coordinates work activities of the office staff and performs independent judgment regarding routine leak adjustments.

#### Utility Customer Accounts Specialist:

Enters meter readings and meter numbers into accounts as they change; enters customer deposits into system; calculates interest on deposits to refund and/or apply to final bill for customers closing their accounts. Prints edit list and reviews after initial meter readings are entered; identifies potential mis-reads and other potential problems; determines which meters require rereading. Coordinate the activities of the office with field personnel; coordinates with utility personnel the meter reading functions and the cutting on and off of services to customers. Answers complaints from citizens, researches problems, and answers to their questions; adjusts bills for leaks, incorrect meter readings, etc. Establishes new customer accounts; insures proper initial readings are entered; establishes,

updates, and deletes accounts for multiple temporary development needs. Monitors the billing cycle and assures that all records are submitted on a timely basis in order that established deadlines will be met. Researches and prepares special reports for management as requested on the assigned area of work. Provides general office and administrative support, reception, office management and records management for the Utilities Department; prepares time sheets and purchase requisitions. Determines customer problems regarding leaks, billings, etc.; determines when billing adjustments are appropriate.

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**Justify Need for Each Position in Detail (use additional pages if necessary):**

Davie County Public Utilities serves 11,050 customers. Averaging around 100 plus phone calls daily, handling everything from water quality issues to emergency water and or sewer leaks, account inquires, returned checks, final bills, billing questions or concerns. Billing is done on a 60 day cycle. Non-payment of bills usually consists of an average of 250 to 300 customers that will be disconnected and reconnected. We have an average of 50 to 100 people a day walking in to transfer accounts, make payments, create accounts, or make an a acquire on an account. Davie County Public Utilities has a large number of invoices (water/sewer samples, utility bills etc.) that are coded and sent to finance. We provide all of the above billing & collection related services to the Town of Bermuda Run & the Town of Mocksville. All of the purchasing chemicals, parts, equipment, etc for the Public Utility department are preformed in Administration to create centralized purchasing. We generate all work orders from July 2012 to December 1<sup>st</sup> 2012 we had 517 leaks, 727 rereads, 1129 miscellaneous work orders, 23 new meter installations.

## ACTIVITY JUSTIFICATION

Activity: <b>Eastern Davie Sewer</b>	Number of Employees <b>3</b>	# of Full-time <b>.85</b>  # of Part-Time <b>0</b>	Annual Cost: <b>896,501</b>
Mandated by <b>NCDENR Division of water Quality 15a NCAC 08G .0201</b>	County Cost:	Federal/State Cost: <b>0</b>	

Each Employee, Job Title, Duties/Responsibilities of Positions in the Activity:

Johnny Lambert	Director of Public Utilities	10% (Eastern Davie Sewer)
Tim McCrary	Supervisor of Operations	25% (Eastern Davie Sewer)
Michael Godbey	Senior Line Maintenance Mechanic	50% (Eastern Davie Sewer)

**UTILITIES DIRECTOR:** Utilities Director

Work involves responsibility for division staffing, budget development and administration. Plans, organizes and directs the work of subordinate supervisors and employees. Supervises the hiring, promotion, training, discipline, evaluation and other personnel actions and decisions for the division. Plans and implements safety programs including training, procedures and equipment as necessary. Researches and recommends strategies for meeting new regulatory requirements and serves (ORC) for collection system. Obtains quotes for supplies and equipment and generates purchase order request. Keeps records, prepares reports, prepares material and supply requisitions, maintains adequate inventory. Provides technical advice and guidance to County management regarding utilities and services, ordinances, fees, policies and related issues. Provides oversight for project documentation & review, production reports, trouble shoots plant’s technical issues. Provides to staff coaching ensures effective productivity of division personnel. Employee is subject to on-call and call-back work.

Over sight for project documentation & review, production reports, trouble shoot collection system and force systems, technical issues; coaching, and ensuring effective productivity of division personnel subject to on-call and call-back work.

**Supervisor of operations**

Performs responsible technical work supervising the work of a crew engaged in repair, replacement and installation of water and sewer lines and appurtenances. Work includes supervising the construction, maintenance and repair of water and sewer lines, hydrants, meter and valves, pumping stations, and lift stations. Work also includes planning work projects based on service extension needs, maintenance, and emergency needs; coordinating work with property owners: assigning crews to projects; inspecting work and resolving public complaints. Serves as Operator in Responsible Charge (ORC) for the sewer collections system Work also involves requesting and acquiring necessary resources for projects and supervisory responsibility for crew efficiency, quality and safety. Instructs workers in the appropriate safety procedures and enforces their use. Plans preventive maintenance programs for hydrants, valves and meters as well as supervises meter change-out, testing, and repair programs. Employees is also subject to on-call and call-back work.

**SENIOR LINE MAINTENANCE MECHANIC:**

Operates heavy construction equipment requiring skill and care around underground utility lines; operates front end loader, dump trucks, jackhammers, tampers, pipe threading machines, tapping machines, trenchers, air compressors and boring machines. Serves as lead worker or crew leader on an assigned work group. Operates tapping machine to make water and sewer taps and service connections. Lays water and sewer pipe; adjusts pipe to proper grade and depth with laser; repairs and replaces sewer and water lines and related facilities. Installs, services and tests water meters and meter yokes. Operates the sewer rodder to unstop sewer lines. Installs hydrants, meters, valves, clamps and related pipeline apparatus; sets meter boxes; repairs and replaces fire hydrants. Maintains assigned truck properly stocked and in proper operating condition. Locates lines and assists with inspection and repair of pumping stations, reading water meters and other related tasks. Inspect Lift stations on a weekly basis for grease build up and inspect pump for usage times to be sure pumps alternate for efficient usage. Changes charts, exercises generators and cleans buildup in wet wells. Employee is also subject to on call and call back work. This position also requires a person to be on call 24/7, 365 days a year for lift station alarms, repairs and for sewer right of way inspections that are required by state mandated programs.

Justify Need for Each Position in Detail (use additional pages if necessary):

This employee comes out in severe weather when power failures occur due to infiltration and inflow because there is no time for most stations to be without power or pump failures. This would cause overflows and heavy fines from DWQ (Division of Water Quality). All sewer lines must be walked or visually inspected every 6 months. All right of ways must be mowed and accessible at all times. DWQ does annual inspections to be sure that the collection systems are being cared for properly. They also mandate grease trap ordinances and FOG (Fats Oils & Grease) programs.

Davie County has 2300 sewer connections, 40 miles of sewer line, there is a total of eleven lift stations that must be maintained on a routine basis per NCDENR Division of water quality. These are checked weekly for pump run times, appearance, odors, leaks, pump noise, warning lights, vandalism, oil levels, generator warning lights, generator oil & fluid levels, batteries etc. Employee also does all grounds maintenance at all stations.

**15A NCAC 08G .0201 RESPONSIBILITY OF SYSTEM OWNERS TO DESIGNATE CERTIFIED OPERATORS**

Owners of a Classified water pollution control system must designate operators, certified by the Water Pollution Control System Operators Certification Commission (WPCSOCC), of the appropriate type and grade for the system and for each classification must:

- (1) Designate one Operator in Responsible Charge (ORC) who possesses a valid certificate of the type and grade at least equivalent to the type and grade of the system.
- (2) Designate one or more Back-Up (ORC) who possesses a valid certificate of the type of the system and no more than one grade less than the grade of the system.

## ACTIVITY JUSTIFICATION

Activity:  <b>Operations</b>	Number of Employees <b>11</b>	# of Full-time <b>10.75</b> # of Part-Time <b>0</b>	Annual Cost: 1,299,544
Mandated by <b>15a NCAC 18D .0206 NCDENR</b>	County Cost:		Federal/State Cost: <b>0</b>

Each Employee, Job Title, Duties/Responsibilities of Positions in the Activity:

Johnny Lambert	Director of Public Utilities 25% (Operations)
Timothy McCrary	Supervisor of Operations 75 % ( Operations)
Michael Godbey	Senior Line Maintenance Mechanic 50% (Operations)
Justin Waller	Senior Line Maintenance Mechanic 100% (Operations)
Ervin Atwood	Senior Line Maintenance Mechanic 100% (Operations)
Michael Leonard	Line Maintenance Mechanic 100% (Operations)
Joshua McChesney	Line Maintenance Mechanic 100% (Operations)
Randall Head	Line Maintenance Mechanic 100% (Operations)
Nathan Spry	Line Maintenance Mechanic 100% (Operations)
John Dixon	Line Maintenance Mechanic 100% (Operations)
Jonathan Jones	Line Maintenance Mechanic 100% (Operations)

### UTILITIES DIRECTOR:

Work involves responsibility for division staffing, budget development and administration. Plans, organizes and directs the work of subordinate supervisors and employees. Participates in the maintenance and repair of water and sewer pumping stations, elevated storage tanks, and related facilities. Supervises the meter reading program, water service connections and disconnections and related utility customer response. Supervises the hiring, promotion, training, discipline, evaluation and other personnel actions and decisions for the division. Plans and implements safety programs including training, procedures and equipment as necessary. Researches and recommends strategies for meeting new regulatory requirements and serves as Operator in Responsible Charge (ORC) for the water distribution and cross connection backflow prevention program. Provides technical advice and guidance to County management regarding utilities, services, ordinances, fees, policies and related issues. Obtains quotes for supplies and equipment, generates purchase order request. Keeps records, prepares reports, prepares material and supply requisitions and maintains adequate inventory. Employee is also subject to on-call and call-back work.

### Supervisor of operations

Performs responsible technical work supervising the work of a crew engaged in repair, replacement and installation of water and sewer lines and appurtenances. Work includes supervising the construction, maintenance and repair of water and sewer lines, hydrants, meter and valves, pumping stations, and lift stations. Work also includes planning work projects based on service extension needs, maintenance, and emergency needs; coordinating work with property owners: assigning crews to projects; inspecting work and resolving public complaints. Serves as Operator in Responsible Charge (ORC) for the sewer collections system Work also involves requesting and acquiring necessary resources for projects and supervisory responsibility for crew efficiency, quality and safety. Instructs workers in the appropriate safety procedures and enforces their use.

Plans preventive maintenance programs for hydrants, valves and meters as well as supervises meter change-out, testing, and repair programs. Employees is also subject to on-call and call-back work.

**SENIOR LINE MAINTENANCE MECHANIC:**

Operates heavy construction equipment requiring skill and care around underground utility lines; operates front end loader, dump trucks, jackhammers, tampers, pipe threading machines, tapping machines, trenchers, air compressors and boring machines. Serves as lead worker or crew leader on an assigned work group. Operates tapping machine to make water and sewer taps and service connections. Lays water and sewer pipe; adjusts pipe to proper grade and depth with laser; repairs and replaces sewer and water lines and related facilities. Installs, services and tests water meters and meter yokes. Operates the sewer rodder to unstop sewer lines. Installs hydrants, meters, valves, clamps and related pipeline apparatus; sets meter boxes; repairs and replaces fire hydrants. Maintains assigned truck properly stocked and in proper operating condition. Locates lines and assists with inspection and repair of pumping stations, reading water meters and other related tasks. Employees are also subject to on call and call back work.

**LINE MAINTENANCE MECHANIC:**

Operates tapping machine to make water and sewer taps and service connections. Lays water and sewer pipe; repairs and replaces sewer and water lines and related facilities. Installs, services and tests water meters and meter yokes. Operates the sewer rodder to unstop sewer lines. Operates front end loader, dump trucks, jackhammers, tampers, pipe threading machines, tapping machines, trenchers, air compressors, and boring machines. Installs hydrants, meters, valves, clamps and related pipeline apparatus; sets meter boxes; repairs and replaces fire hydrants. Employees are also subject to on call and call back work.

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Justify Need for Each Position in Detail (use additional pages if necessary):

**15A NCAC 18D .0206 Certified Operators Required**

(C) There shall be an operator in responsible charge for the distribution portion of the community and non-transient non-community public water systems designated. This operator shall possess a valid certificate issued by the Board equivalent to or exceeding the distribution classification of the facility for which he or she is designated.

(D) There shall be a operator in responsible charge for the cross connection control facilities of the distribution system for all public water systems required by 15a NCAC 18C to have five or more testable backflow prevention assemblies. This operator shall possess a valid Grade Cross Connection control certificate issued by the Board.

From July 1, 2012 through December 1, 2012 Davie County Public Utilities has responded to 2400 billing concerns and general work orders for small leaks, 517 water leaks and 23 new meter installations. They have also responded to over 32 sewer blockages and cleaned over 10,000 ft of sewer mains. We operate a state mandated flushing program, cross connection and backflow prevention program. Davie County Public Utilities maintains over 400 miles of water lines and 40 miles of sewer line. Davie County has 1660 fire hydrants that are maintained on the distribution system along with an 11,000 plus meter reading program. We run leak crews of three this is to include at least one person to run equipment, one in the ditch and one to be a look out for traffic control and emergency situations that may arise with someone is in the ditch. Larger leaks on more congested streets may take up to five people for traffic control. With Davie County Public Utilities having a good working relationship with DOT to help control traffic situations on major highways DOT requires all individuals that work in the DOT right away to have flagger training from certified trainers; they also require reflective signs whenever work is being done in the state right of way. In some cases employees may have to enter confined spaces that may require permits to enter and we have several employees trained for confined space entry. From 1-1-12 to 12-31-12 200 after hours calls where received and dispatched to on call personnel. Calls taken after hours may take from 30 minutes to five hours depending on the nature of the call. Davie County Public Utilities has built a strong team to maintain such a rural water system that continues to grow.

## ACTIVITY JUSTIFICATION

Activity: Water Treatment Plants	Number of Employees <b>7.25</b>	# of Full-time <u>7.25</u> # of Part-Time _____	Annual Cost: 1,676,622.00
Mandated by <b><u>15A NCAC 18 D</u></b>	County Cost:		Federal/State Cost:

Each Employee, Job Title, Duties/Responsibilities of Positions in the Activity:

Johnny Lambert – Director of Public Utilities	25%
Michael Weir - Water Treatment Plant Supervisor	75%
Michael Miller – Senior Water Treatment Plant Operator	100%
Steven Corriher – Senior Water Treatment Plant Operator	100%
Steve Hatley – Water Treatment Plant Operator	100%
Rodney McDaniel – Water Treatment Plant Operator	100%
Michael Linville – Water Treatment Plant Operator	100%
Matt Seats – Water Treatment Plant Operator	100%

**Utilities Director** – Work involves responsibility for division staffing, budget development and administration. Plans, organizes and directs the work of subordinate supervisors and employees. Participates in the maintenance and repair of water and sewer pumping stations, elevated storage tanks, and related facilities; supervises the meter reading program, water service connections and disconnections, and related utility customer response. Supervises the hiring, promotion, training, discipline, evaluation, and other personnel actions and decisions for the division; plans and implements safety programs including training, procedures, and equipment as necessary. Researches and recommends strategies for meeting new regulatory requirements serves as Operator in Responsible Charge(ORC) for the water distribution and cross connection backflow prevention program. Obtains quotes for supplies and equipment, generates purchase order request. Keeps records; prepares reports; prepares material and supply requisitions; maintains adequate inventory. Employee is also subject to on-call and call-back work.

**Water Treatment Plant Supervisor** – Performs technical and supervisory work in the operations, maintenance, and laboratory analysis at water treatment plants as Operator in Responsible Charge or ORC. Work involves planning and assigning work to subordinates, supervision and participating in the operations of the plant, preparation and analysis of laboratory results, preventive maintenance and repairs. Work also involves researching and recommending long and short capital facilities and equipment construction and renovation, establishing and maintaining records and reports necessary for full compliance with all regulations and for effective management decision-making, requesting necessary resources in the annual budget, and motivating, coaching, and insuring effective productivity of division personnel.

**Senior Water Treatment Plant Operator** – Performs responsible skilled and technical work in the operation of a water treatment plant; serves in the absence of the Plant Supervisor and as back up ORC. Work is performed on assigned or rotating shifts and includes monitoring the plant’s operations through observation, mechanical readings, and the results of standard chemical and biological tests. Makes necessary adjustments in the process as demand or other operational conditions dictate. Work also includes a variety of equipment, grounds and facility maintenance. Employee maintains records of work activities and test results. Work is performed in accordance with regulations of the State Division of Health Services and the State Division of Environmental Management.

**Water Treatment Plant Operator** – Performs responsible skilled and technical work in the operation of a water treatment plant. Work is performed on assigned or rotating shifts and includes monitoring the plant’s operations through observation, mechanical readings, and the results of standard chemical and biological tests. Makes necessary adjustments in the process as demand or other operational conditions dictate. Work also includes a variety of equipment, grounds, and facility maintenance. Work is performed in accordance with regulations of the State Division of Health Services and the State Division of Environmental Management.

Justify Need for Each Position in Detail (use additional pages if necessary):

**15A NCAC 18D .0206** states that all public water systems must have a certified ORC for each water treatment facility that alters the physical, chemical or microbiological characteristics of the water.

**15A NCAC 18D .0701 (b) 1** No person shall be in responsible charge of more than one surface water treatment facility without written permission from the Board.

**15A NCAC 18D .0206 (b)** There shall be an operator holding at least a Grade C-Surface certification or above assigned to be on duty on the premise when a surface water treatment facility is treating water.

By recommendation from NCDENR a Senior Water Treatment Plant Operator is in place to serve as back up ORC and Water Treatment Plant Supervisor when the designated Water Treatment Plant Supervisor is absent.

**Sparks Rd WTP**

<b><u>Fiscal Year</u></b>	<b><u>Hours of Plant Operation</u></b>	<b><u>Million Gallons Produced</u></b>
2008-2009	4088.00 hours	433,624,690 gallons
2009-2010	4403.00 hours	465,309,000 gallons
2010-2011	4845.50 hours	508,860,000 gallons
*2011-2012	4996.75 hours	503,928,000 gallons
*July – Dec 2012	2836.00 hours	270,813,000 gallons

**Cooleemee WTP**

<b><u>Fiscal Year</u></b>	<b><u>Hours of Plant Operation</u></b>	<b><u>Million Gallons Produced</u></b>
2008-2009	4809.50 hours	406,447,241 gallons
2009-2010	4577.50 hours	410,198,283 gallons
2010-2011	4381.00 hours	422,241,000 gallons
*2011-2012	4362.25 hours	400,388,000 gallons
*July – Dec 2012	2511.75 hours	221,841,000 gallons

\* Runtimes are higher and water production is lower due to automation of plants and slowing production down to meet new LT2 requirements for 95% removal rate. This has been done to eliminate capital cost.

## ACTIVITY JUSTIFICATION

Activity: Wastewater Treatment Plant	Number of Employees 1.40	# of Full-time __1.40_____ # of Part-Time _____	Annual Cost: <b>673,659</b>
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Mandated by  
**15A NCAC 08G**

County Cost:

Federal/State Cost:

Each Employee, Job Title, Duties/Responsibilities of Positions in the Activity:

Johnny Lambert Utilities Director 15% (Waste Treatment Plant)

Eric Moten Waste treatment Plant supervisor 100% (Waste Treatment Plant) ORC

Mike Weir Water Treatment Plant Supervisor 25% (Waste Treatment Plant) Back up ORC

### Utilities Director

Work involves responsibility for division staffing, budget development and administration. Plans, organizes and directs the work of subordinate supervisors and employees. Supervises the hiring, promotion, training, discipline, evaluation and other personnel actions and decisions for the division. Plans and implements safety programs including training, procedures and equipment as necessary. Researches and recommends strategies for meeting new regulatory requirements and serves as back up (ORC) for collection system. Obtains quotes for supplies and equipment and generates purchase order request. Keeps records, prepares reports, prepares material and supply requisitions, maintains adequate inventory. Coordinates the land application of bio-solids with the contractor. Provides technical advice and guidance to County management regarding utilities and services, ordinances, fees, policies and related issues. Provides oversight for project documentation & review, production reports, trouble shoots plant's technical issues. Provides to staff coaching ensures effective productivity of division personnel. Employee is subject to on-call and call-back work.

### WWTP Supervisor (ORC)

Direct, Coordinate, and evaluate the operation of two Waste Water Treatment Facilities (Dutchman's Creek thru contract with the Town Of Mocksville Cooleemee WWTP) Provides guidance and oversight for all wwtp administration, Budget preparation, capital improvement programs, strategic planning, personnel management and regulatory documentation. Ensure best possible regulatory compliance and timely correspondence with accurate reporting. Monitor plant's compliance and efficiency by interpreting lab data to identify process trends. Serve as state mandated ORC (Operator in Responsible Charge.) Responsible for maintaining waste water equipment which includes but is not limited to, pumps, aerators and vehicles. Maintain equipment to comply with all manufacture's recommendations and NCDENR regulations. Calibrates lab instruments and maintains optimal general grounds maintenance and house keeping duties.

Water Treatment Plant Supervisor (Back up ORC)

Performs technical and supervisory work in the operations, maintenance, and laboratory analysis at water treatment plants as Operator in Responsible Charge or ORC. Work involves planning and assigning work to subordinates, supervision and participating in the operations of the plant, preparation and analysis of laboratory results, preventive maintenance and repairs. Work also involves researching and recommending long and short capital facilities and equipment construction and renovation, establishing and maintaining records and reports necessary for full compliance with all regulations and for effective management decision-making, requesting necessary resources in the annual budget, and motivating, coaching, and insuring effective productivity of division personnel. Serves as state mandated back up (ORC), and acts in ORC's absence (weekends off, sickness, vacations, etc.)

Justify Need for Each Position in Detail (use additional pages if necessary):

State mandates DMRs to be completed on a monthly basis, operator samples plants on a daily basis spending around four hours a day at each WWTP wasting, changing chemicals, checking over plant operations to be sure everything is in working order. During this time spent at plants he also does minor maintenance.

**15A NCAC 08G .0201 RESPONSIBILITY OF SYSTEM OWNERS TO DESIGNATE CERTIFIED OPERATORS**

Owners of Classified water pollution control systems and water pollution control systems must designate operators, certified by the Water Pollution Control System Operators Certification Commission (WPCSOCC), of the appropriate type and grade for the system, and for each classification must:

- (1) Designate one Operator in Responsible Charge (ORC) who possesses a valid certificate of the type and grade at least equivalent to the type and grade of the system.
- (2) Designate one or more Back-UP (ORC) who possesses a valid certificate of the type of the system and no more than one grade less then the grade of the system.

**Cooleemee WWTP Samples Taken**

<b><u>Fiscal Year</u></b>	<b><u>Weekly Average</u></b>	<b><u>Monthly Average</u></b>	<b><u>Quarterly</u></b>	<b><u>Yearly</u></b>
2009-2010	21	107	321	1284
2010-2011	23	115	345	1380
July-Dec 2011	23	115	345	690











ANNUAL BUDGET ESTIMATE – SUMMARY CAPITAL OUTLAY REQUEST

Department: Public Utilities

Item	Remarks	Account No.	Requested		Recommended	
			Quantity	Cost	Quantity	Cost
Backhoe Replacement	Due to age and condition it has become a maintenance issue	57020-580600	1	80,000		
Truck Replacement	Replace 2001 Ford Ranger that has over 200,000 miles that has become a maintenance issue	57020-580600	1	27,000		
<b>Totals</b>				107,000		

DAVIE COUNTY  
ANNUAL BUDGET ESTIMATE - SUMMARY OPERATIONAL EXPENSE REQUEST

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Account No.	Item	Remarks	Requested		Recommended	
				Non-Local Cost	Local Cost	Non-Local Cost
57010-510010	Salaries & Wages	100% Admin	<b>87,036.00</b>			
57010-510020	Part-Time Salaries	100% Admin	15,000.00			
57010-510040	Longevity	100% Admin	1,200.00			
57010-520050	FICA	100% Admin	6,658.00			
57010-520060	Group Hosp.Insurance	100% Admin	20,081.00			
57010-520070	Retirement	100% Admin	5,866.00			
57010-520080	Workman's Comp	100% Admin	1,488.00			
57010-520120	401KEmployer Supp	100% Admin	2,611.00			
57010-530120	Postage	100% Admin Printing Mailing Binding of bills	43,000.00			
57010-530300	Vehicle Tires	100% Admin Directors Truck Replace & Install	500			
57010-530310	Vehicle Gas & Oil	100% Admin Directors Truck	1,300			
57010-530320	Office Supplies	100% Admin Paper,Pens,Work orders, Door hangers	6,000.00			
57010-530330	Department Supplies	100% Admin Hinkles,Cintas,Walmart	6,500.00			
57010-540110	Telephone	100% Admin Office,Faxline,Internet,	1,500.00			
57010-540130	Utilities	100% Admin Gas,power	7,000.00			
57010-540450	Purchased Services	100% Admin Cintas,Lebleu,Pest control, adding machines	10,000.00			
57010-541540	Computer Service	100% Admin Billing System renewals,	9,500.00			
57010-550150	Building & Grounds	100% Admin Office, Signage, Heat/Ac,Building	500			
57010-550160	Equipment Maint.	100% Admin printer,fax,copier	500			
57010-550170	Vehicle Maint.	100% Admin Directors Truck	500			
57010-560260	Advertising	100% Admin Jockey flow test Job Posting	500			
57010-560530	Dues & Subscriptions	100% Admin	1,500.00			
57010-560570	Miscellaneous	100% Admin Security @ Water Treatment & WWTP Cooleemee	5,000.00			
57010 580600	Equipment & Furniture	100% Admin New equipment and Furniture	0.00			
<b>Totals</b>			<b>233,740.00</b>			

DAVIE COUNTY  
ANNUAL BUDGET ESTIMATE - SUMMARY OPERATIONAL EXPENSE REQUEST

F.Y. 2013 -2014

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Department: Public Utilities

Account No.	Item	Remarks	Requested		Recommended	
			Local Cost	Non-Local Cost	Local Cost	Non-Local Cost
57020-510010	Salaries And Wages	100%(Operations) of Personnel Cost	283,513.00			
57020-510040	Longevity	100%(Operations)of Personnel Cost	1,998.00			
57020-520050	FICA	100%(Operations)of Personnel Cost	21,948			
57020-520060	Group Hosp Insurance	100%(Operations)of Personnel Cost	84,788.00			
57020-520070	Retirement	100%(Operations)of Personnel Cost	19,337.00			
57020-520080	Workman's Comp	100%(Operations) of Personnel Cost	8,953.00			
57020-520120	401k Employer Supp.	100%(Operations)of Personnel Cost	8,607.00			
57020-530300	Vehicle Tires	100%(Operations) Replacement & Repair	5,000.00			
57020-520110	Vehicle Gas & Oil	100%(Operations)Replacement & Repair	31,000.00			
57020-530330	Dept. Supplies	100%(Operations)Cintas,PaperTowels,Lebleu	7,500.00			
57020-530360	Uniforms	100%(Operations) Boot Reimbursement,Gloves	5,700.00			
57020-530370	Tools & Minor Equip.	100%(Operations) Lowes, Hardware, Davie Supply	6,700.00			
57020-540100	Education & Training	100% (Operations) Cerifcation,Cont ed,Schools	6,500.00			
57020-540110	Telephone	100%(Operations) Nextel's Dialers @ pump stations	5,000.00			
57020-540130	Utilities	100% (Operations) Pump stations,Shop,Fuel	24,000.00			
57020-540450	Purchased Services	100%(Operations) Jobs that must be outsourced	2,500.00			
57020-541550	Consultants	100%(Operations) Emergency	15,000.00			
57020-550150	Building & Grounds	100%(Operations) Repairs to shop, Pump stations	1,000.00			
57020-550160	Equip. Maintenance	100% Repairs to air compressor's Tap machines	2,500.00			
57020-550170	Vehicle Maintenance	100%(Operations) Repairs to road vehicles	5,000.00			
57020-550400	Heavy Equip. Maint	100%(Operations) Repairs to Track & Back Hoe	5,500.00			
57020-551190	System Maintenance	100%(Operations) Parts,Paveing,Pipe,	155,000.00			
57020-560150	Private Property Dam	100%(Operations) Landscaping,Sidewalks	1,500.00			
57020-560530	Dues & Subscriptions	100%(Operations) Renewals Permit, License	12,000.00			
57020-580120	Fire Hydrants	100% (Operations) 1 Free Hydrant per Dept Yearly	32,000.00			
57020-580600	Equip.& Furniture	100%(Operations) new Equipment and Furniture	107,000.00			
57020-580680	Water Meters	100% (Operations) Replacement & Repair	440,000.00			
<b>Total</b>			<b>1,299,544.00</b>			

DAVIE COUNTY  
ANNUAL BUDGET ESTIMATE - SUMMARY OPERATIONAL EXPENSE REQUEST

F.Y. 2013 -2014

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Department: Public Utilities Eastern Davie Sewer

Account No.	Item	Remarks	Requested		Recommended	
			Local Cost	Non-Local Cost	Local Cost	Non-Local Cost
57050-510010	Salaries and Wages	100% (EDS) Personnel Cost	45,768			
57050-510040	Longevity	100% (EDS) Personnel Cost	145			
57050-520050	FICA	100% (EDS) Personnel Cost	2,221			
57050-520060	Group Hosp. Insuran	100% (EDS) Personnel Cost	7,586			
57050-520070	Retirement	100% (EDS) Personnel Cost	1,957			
57050-520080	Workman's Comp.	100% (EDS) Personnel Cost	826			
57050-520120	401K- Employer Sup.	100% (EDS) Personnel Cost	871			
57050-530300	Vehicle Tires	100% (EDS) Replacement & Repair	600			
57050-530310	Vehicle Gas & Oil	100% (EDS) gas and oil for fleet vehicles	4,000			
570550-530330	Dept. Supplies	100% (EDS)	3,500			
57050-530331	Chemicals	100% (EDS) Degreaser	2,500			
57050-530360	Uniforms	100% (EDS) boots, shirts, pants, gloves, safety gear	700			
57050-540100	Education & Training	100% (EDS) continuing ed, certifications	2,500			
57050-540110	Telephone	100% (EDS) Auto Dialers on Lift Stations	4,000			
57050-540130	Utilities	100% (EDS) Power Lift stations	29,000			
57050-540450	Purchased services	100% (EDS) Pump trucks, calibrations	2,500			
57050-540471	WS/FC Utilities	100% (EDS) Bill from Forsyth County Utilities Comm.	640,000.00			
57050-541550	Consultants	100% (EDS) emergency or design	15,000.00			
57050-550150	Building & Grounds	100% (EDS) Weed Killers, Fence Repairs	1,500.00			
57050-550170	Vehicle Maintenance	100% (EDS) vehicle repairs	500.00			
57050-550400	Heavy Equip. Maint.	100% (EDS) Pumps, Motors, SCADA, Telemetry, Valves	110,000.00			
57050-560530	Dues & Subscription	100% (EDS) Permit fees	500			
57050-580600	Equipment Furniture	100% (EDS) new equipment & furniture Budget items	0			
57050-581120	Sewer Improvements	100% (EDS) Upgrades to problem areas	20,000			
<b>Totals</b>	<b>Total</b>		896,174			

Department: Public Utilities Water treatment plant

Account No.	Item	Remarks	Requested		Recommended	
			Local Cost	Non-Local Cost	Local Cost	Non-Local Cost
57030-510010	SALARIES AND WAGES	100%(WTP) Personnel Cost	281,729			
57030-510040	LONGEVITY	100%(WTP) Personnel Cost	3,650			
57030-520050	FICA	100%(WTP) Personnel Cost	22,019			
57030-520060	GROUP HOSPITAL INSURANCE	100%(WTP) Personnel Cost	62,475			
57030-520070	RETIREMENT	100% (WTP)Personnel Cost	19,400			
57030-520080	WORKMENS COMPENSATION	100%(WTP) Personnel Cost	11,294			
57030-520120	401K-EMPLOYER SUPPLEMENT	100%(WTP) Personnel Cost	8,635			
57030-530120	POSTAGE	100%(WTP) stamps, shipping of samples or equipment	400			
57030-530300	VEHICLE TIRES	100% (WTP)Tires for fleet vehicles	900			
57030-530310	VEHICLE GAS & OIL	100% (WTP)Gas and oil for fleet vehicles	5,500			
	OFFICE SUPPLIES	100% (WTP)Paper,pens,copier ink,books,binders	500			
57030-530330	DEPARTMENT SUPPLIES	100%(WTP) toilet paper, paper towels, office supplies	10,000			
57030-530331	CHEMICALS	100%(WTP) chemicals used in treatment process	425,000			
57030-530360	UNIFORMS	100%(WTP) boots, shirts, pants, gloves, safety gear	3,000			
57030-530370	TOOLS & MINOR EQUIPMENT	100% (WTP) handtools, small pumps, hardware	5,000			
57030-540100	EDUCATION & TRAINING	100% (WTP)continuing ed credit hours, schools, certifica	8,550			
57030-540110	TELEPHONE	100%(WTP) cellphones, fax line, internet and phone ser	8,500			
57030-540130	UTILITIES	100%(WTP) Fuel,Power	165,000			
57030-540450	PURCHASED SERVICES	100%(WTP) Cintas, Ridabug, calibrations, generator, hc	20,000			
57030-540480	WATER ANALYSIS	100% (WTP)water tests and testing	65,000			
57030-540490	GARBAGE COLLECTION	100% (WTP)collection at plants	1,500			
57030-541550	CONSULTANTS	100%(WTP) Emergency Design	35,000			
57030-550130	WATER TANK REPAIR	100%(WTP) maintenance and repair of elevated water t	95,000			
57030-550150	BUILDING & GROUNDS MAINT	100%(WTP) fences, building, and grounds maint and re	10,000			
57030-550170	VEHICLE MAINTENANCE	100%(WTP) vehicles repairs other then tires, ex: brakes	2,500			
57030-550400	HEAVY EQUIPMENT MAINTENAN	100%(WTP) plant components, motors, pumps	300,000			
57030-560430	WATER PURCHASE	100% (WTP)Town of Mocksville	1,000			
57030-560530	DUES & SUBSCRIPTIONS	100% (WTP)memberships, liscence fees	4,500			
57030-580600	EQUIPMENT & FURNITURE	100%(WTP) new equipment, furniture, capital outlay	105,174			
<b>Totals</b>	<b>Total</b>		1,681,226.00			

Department: Public Utilities Waste treatment Plants

Account No.	Item	Remarks	Requested		Recommended	
			Local Cost	Non-Local Cost	Local Cost	Non-Local Cost
57040-510010	Salaries & Wages	100%WWTP Personel Cost	54,648.00			
57040-510040	Longevity	100%WWTP Personnel Cost	268			
57040-520050	FICA	100%WWTP Personnel Cost	4,735			
57040-520070	Retirement	100%WWTP Personel Cost	4,172			
57040-520080	Workman's Comp.	100%WWTP Personnel Cost	1,084			
57040-520110	Group Hospital Insurance	100%WWTP Personnel Cost	12,495			
57040-520120	401k Employer Supp	100%WWTP Personnel Cost	1,857			
57040-520260	Employee Education Rei	100%WWTP Personnel Cost	400			
57040-530120	Postage	100%WWTP Stamps, Shipping of samples or equipment	250			
57040-530300	Vehicle Tires	100%WWTP Tires For WWTP Vehicle	500			
57040-530310	Vehicle Gas & Oil	100%WWTP Gas & Oil for WWTP Vehicle	3,000			
57040-530320	Office Supplies	100%WWTP Paper Printer cartridges,pens, disk	700			
57040-530330	Department Supplies	100%WWTP Gloves, Test Strips,Ph solution	2,000			
57040-530331	Chemicals	100%WWTP Chemicals Used in the Treatment process	25,000			
57040-530360	Uniforms	100%WWTP boots,shirts,pants,gloves,safety gear	550			
57040-530370	Tools and Minor Equipment	100%WWTP Hand tools, pumps, Hardware	2,500			
57040-540100	Education & Training	100%WWTP Continuing ed credit hours, schools, certificates	2,500			
57040-540110	Telephone	100% WWTP Cell phones, Fax line, internet, phone service	3,500			
57040-540130	Utilities	100% WWTP Power, Genset Fuel, Natural Gas	99,000.00			
57040-540440	Waste Water Analysis	100% WWTP Sampling for waste water	21,000			
57040-540442	Mocksville Waste Waster	100%WWTP All expense that occurs at Dutchman Creek WW	45,000			
57040-540450	Purchased Services	100%WWTP EMA,Pest Control,	25,000.00			
57040-541550	Consultants	100%WWTP Emergency,Design	20,000.00			
57040-550150	Building & Grounds Main.	100%WWTP Fences, Building, And grounds Main. repairs	2,500.00			
57040-550400	Heavy Equip. Maint.	100%WWTP Plant Componets,Motors,Pumps	75,000.00			
57040-551190	System Maintenance	100%WWTP Land Application Sludge Transfers	140,000.00			
57040-560530	Dues Subscriptions	100%WWTP Membership, License Fees	4,000			
57040-560560	Charges Penalties	100%WWTP Compliance Charges	2,500			
57040-580600	Equipment & Furniture	100%WWTP New equipment, furniture, capital outlay	119,500		<b>Total</b>	<b>673,659</b>

## CAPITAL OUTLAY DETAIL

Name of Project or Equipment: NONE

Description:

Justification

Estimated Cost:

Estimated Annual Operation / Maintenance

## CAPITAL OUTLAY DETAIL

Name of Project or Equipment: Backhoe Replacement

Description: Replace backhoe that crews use to repair water and sewer lines

Justification: This is a 2000 model backhoe that crews use on a daily basis to repair water and sewer lines. This is one of the most important pieces of equipment we have and major costly problems are starting to occur.

Estimated Cost: 80,000

Estimated Annual Operation / Maintenance Cost: 1,000.00

## CAPITAL OUTLAY DETAIL

Name of Project or Equipment: Truck Replacement

Description: Replace 2001 Ford Ranger Extended Cab 4x4 Truck

Justification: This truck has over 200,000 miles on it and has become a maintenance issue. We have replaced trucks in the fleet at used vehicle pricing for the last couple years. In replacing trucks with used vehicle prices we have removed several four wheel drives from the fleet because of cost. Therefore, we need a new four wheel drive replacement due to our trucks running in all severe weather/terrain. Replacing these trucks with used four wheel drive vehicles has been unsuccessful in the past.

Estimated Cost: 27,000

Estimated Annual Operation / Maintenance Cost: 2000.00 Gas and oil plus 500.00 for tires annually

## CAPITAL OUTLAY DETAIL

Name of Project or Equipment: Truck Replacement

Description: Replace 2005 Jeep Cherokee

Justification: This truck has over 160,000 miles on it and has become a maintenance issue. We have replaced trucks at used vehicle prices for the last couple years. In replacing trucks with used vehicle prices we have removed several four wheel drives from the fleet. Therefore, with our water treatment plants working 365 days a year this truck will be needed for transportation in severe weather and will be used to visit remote pump stations in cases of emergencies in severe weather.

Estimated Cost: 27,000

Estimated Annual Operation / Maintenance Cost: 1000.00 Gas and oil plus 600.00 for tires annually

## CAPITAL OUTLAY DETAIL

Name of Project or Equipment:  
Sewer Chewer for #2 Side

Description:

A grinding system for rags and debris that will reduce the frequency of the pumps becoming clogged and causing unnecessary wear and tear as well as more frequent cleaning.

Justification:

We have one installed on the #1 side and need to make both sides the same so that we have a matching process for the entire system and can maintain the same operation efficiencies.

Estimated Cost:

16,000

Estimated Annual Operation / Maintenance Cost:

## CAPITAL OUTLAY DETAIL

Name of Project or Equipment:  
Caustic building/Tank and delivery system

Description:  
Fiberglass building enclosure/ Pumping system and storage tanks

Justification:

We currently receive caustic feed from the water plant, but now the water plant is unable to feed caustic to the WWTP because they have made repairs that make it difficult to feed the way they used to and it reduces the amount of caustic they need to feed for their process when feeding caustic to the WWTP. This will give the ability to control the correct amount of caustic that is needed to make the process run more efficiently.

Estimated Cost:  
35,000

Estimated Annual Operation / Maintenance Cost:

## CAPITAL OUTLAY DETAIL

Name of Project or Equipment:

Sprayroq

Description:

Prevent further erosion to clarifier and decrease algae growth.

Justification:

The liner will prevent erosion of concrete and prevent the growth of algae and build up of solids that flow over the weirs.

Estimated Cost:\$ 35000.00

Estimated Annual Operation / Maintenance Cost:

## CAPITAL OUTLAY DETAIL

Name of Project or Equipment:

Chlorine and Sulfur cylinder Storage racks

Description:

A safety storage rack system that keeps cylinders in place and secure

Justification:

The system we have in place right now is unsafe and poses a threat to operators. The racks are more secure because they are bolted to the floor and each cylinder is individually secured within the rack.

Estimated Cost:

5000.00

Estimated Annual Operation / Maintenance Cost:

## CAPITAL OUTLAY DETAIL

Name of Project or Equipment: Ph Meters

Description: Replace non operational and out of date in line Ph meters on the raw and treated water lines. These meters are already tied into the scada system so replacement costs and minor installation is all that is required.

Justification: In line ph meters relay a constant ph reading back to the scada system which the operator can observe and make adjustments to various chemicals to ensure proper treatment is taking place. Ph readings are also recorded and stored on the facilities scada system as historical data.

Estimated Cost: \$

Estimated Annual Operation / Maintenance Cost:

## CAPITAL OUTLAY DETAIL

Name of Project or Equipment: Pipe Bracing

Description: With increasing age of infrastructure, pipes located in the basement of the water plant are in need of some bracing to help support the weight of the pipes.

Justification: In order to prevent failure in the integrity of the pipes, floor support and overhead bracing is needed. Currently the pipes only support is where they enter the concrete walls and floors. Engineers have already documented areas in the plant that contain failing concrete. The braces will help take pressure off concrete and prevent pipe failure.

Estimated Cost: \$ 5,500.00

Estimated Annual Operation / Maintenance Cost:

## CAPITAL OUTLAY DETAIL

Name of Project or Equipment: Probes for Lab

Description: Routine replacement of probes in lab for water testing. Replace 4 ph probes and 4 Fluoride probes.

Justification: Life span of probes for water sampling is limited. To ensure water quality is being checked accurately probes need to be changed out routinely.

Estimated Cost: \$ 7,000

Estimated Annual Operation / Maintenance Cost:

## CAPITAL OUTLAY DETAIL

Name of Project or Equipment: Raw Chlorine Flow Pacing

Description: Replace non functioning electric ball valves on the raw chlorine feed system. Integrate signal from Raw Chlorine feed system back to scada. Use scada controls to flow pace raw chlorine.

Justification: During normal filter and clarifier back wash cycles the raw chlorine feed system continues to feed chlorine to the offline system. This wastes as well as overfeeds chlorine to the filters that are out of service for backwashing. With scada capabilities in place integrating the raw chlorine feed system will conserve chlorine as well as flow pace to ensure a more accurate chemical dosage is used in treating water.

Estimated Cost: \$ 6,500

Estimated Annual Operation / Maintenance Cost:

## CAPITAL OUTLAY DETAIL

Name of Project or Equipment: Reservoir Erosion Phase II

Description: Repair a section of reservoir shoreline of the where erosion has taken place.

Justification: Over time the shoreline has become eroded causing large sections to cave in resulting in instability of the shoreline and intrusion on the access road around the reservoir. There are numerous sections that need to be repaired and we will act upon it in phases. This budget year we recommend starting on phase 2 with other sections and phases to be completed in future budget cycles.

Estimated Cost: \$ 28,000

Estimated Annual Operation / Maintenance Cost:

## CAPITAL OUTLAY DETAIL

Name of Project or Equipment: Scada Software Update

Description: An annual scada software system program up to date. Updated software packages are available enabling current water plant scada software to contain the latest up to date package available.

Justification: Scada systems at each plant are in charge of collecting important data, run certain vital programs used on a daily basis and certain overall plant functions. This software must be updated to ensure the program is not faulty in any way. New updates increase the performance of the scada program.

Estimated Cost: \$ 2,000

Estimated Annual Operation / Maintenance Cost:

## CAPITAL OUTLAY DETAIL

Name of Project or Equipment: Scada Software Update

Description: An annual scada software system program update. Updated software packages are available enabling current water plant scada software to contain the latest up to date package available.

Justification: Scada systems at each plant are in charge of collecting important data, run certain vital programs used on a daily basis and certain overall plant functions. This software must be updated to ensure the program is not faulty in any way. New updates increase the performance of the scada program.

Estimated Cost: \$ 2,000

Estimated Annual Operation / Maintenance Cost:

## CAPITAL OUTLAY DETAIL

Name of Project or Equipment: Storage Tank Valve

Description: Replace the existing leaking isolation valve with a new isolation valve.

Justification: The existing isolation valve on the #2 Cooleemee water storage tank is leaking and will not isolate the tank. This valve is crucial to hold water in the tank while working on different pipes inside the plant. Currently every time work is performed the tank has to be drained in order to perform repairs when needed.

Estimated Cost: \$ 12,500

Estimated Annual Operation / Maintenance Cost:

## CAPITAL OUTLAY DETAIL

Name of Project or Equipment: Valve Rebuilds

Description: Rebuild Ross Valves to ensure proper operation of pumps.

Justification: Overtime the flow of water wears down interior parts of the valves compromising the operation of the valves and important pump function. This is a routine maintenance practice to insure the uninterrupted treatment and delivery of water.

Estimated Cost: \$ 8,500

Estimated Annual Operation / Maintenance Cost:

## CAPITAL OUTLAY DETAIL

Name of Project or Equipment:

Rehab #2 Clarifier

Description:

Restore clarifier back to mfg recommendations

Justification:

Needed repairs to make clarifier more efficient and restore it back to factory standards

Estimated Cost:

13000.00

Estimated Annual Operation / Maintenance Cost:

## CAPITAL OUTLAY DETAIL

Name of Project or Equipment:

Weir Wolf System

Description:

A system of brushes that clean the trough at all times during normal operations

Justification:

The automated brush system will aid operations in the cleaning of the clarifiers and cut down on the time that is spent for cleaning manually. This system is continuous and will decrease algae growth tremendously.

Estimated Cost:

15,000.00

Estimated Annual Operation / Maintenance Cost:

Replacement brushes yearly 500.00

## CONFERENCE & TRAINING DETAIL

No. Attending	Purpose, Estimated Date & Location	Mode of Travel	Estimated Cost			
			Travel	Fees	Lodging	Total
<b>6</b>	<b>Certification Training for Distribution and collection system certification required by DENR</b>					<b>5,000.00</b>
<b>10</b>	<b>Certification Renewals</b>					<b>1,500.00</b>

## CONFERENCE & TRAINING DETAIL

No. Attending	Purpose, Estimated Date & Location	Mode of Travel	Estimated Cost			
			Travel	Fees	Lodging	Total
1 1	NC-AWWA Certificate Training			400. 300.	300.	700. 300. 1000.
*1	Just to get continuing education hours					300.00

## CONFERENCE & TRAINING DETAIL

No. Attending	Purpose, Estimated Date & Location	Mode of Travel	Estimated Cost			
			Travel	Fees	Lodging	Total
2	NC-AWWA					2200
2	Certificate Training					300
						2500

## CONFERENCE & TRAINING DETAIL

No. Attending	Purpose, Estimated Date & Location	Mode of Travel	Estimated Cost			
			Travel	Fees	Lodging	Total
1	NC-AWWA Certificate Training			400.	300.	700.
1				300.		300.

## CONFERENCE & TRAINING DETAIL

No. Attending	Purpose, Estimated Date & Location	Mode of Travel	Estimated Cost			
			Travel	Fees	Lodging	Total
6	<b>Certification Training for Water Surface Treatment system certification required by DENR</b>					<b>8,500</b>
7	Continuing ed hours classes					1050.00
						9,550

**COUNTY OF DAVIE BUDGET  
2013-2014 FISCAL YEAR**

		<b>PRIOR YR ACT</b>	<b>CURR ACTUAL</b>	<b>CURR REVISED</b>	<b>REQUESTED</b>	<b>MANAGER</b>	<b>BOARD</b>
		<b>JUNE 2012</b>	<b>2012-2013</b>	<b>2012-2013</b>	<b>2013-2014</b>	<b>2013-2014</b>	<b>2013-2014</b>
<b>WATER - ADMINISTRATIVE</b>							
47010	430001	CONTRIBUTION COED	0.00	0.00	0.00	0.00	
47010	453003	SERVICE CHARGES	-4,053.32	-1,352.64	-5,000.00	4,000.00	
47010	453004	DAMAGE CHARGES	0.00	0.00	0.00	0.00	
47010	453005	WASTE WATER ANALYSIS	0.00	0.00	0.00	0.00	
47010	458001	LATE CHARGES	-126,438.96	-43,098.94	-95,000.00	95,000.00	
47010	480001	PERMIT APPLICATION FEE	0.00	0.00	0.00	0.00	
47010	480002	LAWSUIT SETTLEMENT	0.00	0.00	0.00	0.00	
47010	480003	TAX REFUNDS	0.00	0.00	0.00	0.00	
47010	480004	OVERAGE & SHORTAGE	0.00	0.00	0.00	0.00	
47010	480005	DEBT COLLECTION PRIOR CUST	0.00	0.00	0.00	0.00	
47010	480019	SALE OF FIXED ASSET	-4,335.00	0.00	0.00	0.00	
47010	485101	INTEREST ON INVESTMENTS	-2,854.87	0.00	-3,000.00	2,000.00	
47010	486101	MISCELLANEOUS REVENUE	-62,651.73	-21,565.23	-30,000.00	45,000.00	
47010	490003	LEASE/PURCHAS LOAN PROCEEDS	0.00	0.00	0.00	0.00	
47010	490010	CONTRIBUTION FROM GENERAL FUND	-23,000.00	0.00	-32,000.00	32,000.00	
47010	490300	CONTRIBUTION FROM WATER CONSTR	0.00	0.00	0.00	0.00	
47010	493101	FUND BALANCE APPROP	0.00	0.00	-568,655.87	0.00	
		<b>TOTAL WATER - ADMINISTRATIVE</b>	<b>-223,333.88</b>	<b>-66,016.81</b>	<b>-733,655.87</b>	<b>178,000.00</b>	
<b>WATER - OPERATIONS</b>							
47020	451001	WATER SALES	-3,391,748.24	-1,403,353.80	-3,350,000.00	3,500,000.00	
47020	451003	WATER SALES NOT ON RECEIVABLE	0.00	0.00	0.00		
47020	452001	METER CONNECTION FEES	-48,175.00	-29,150.00	-45,000.00	48,000.00	
47020	452002	SEWER CONNECTION FEES	0.00	0.00	0.00	0.00	
47020	452003	HYDRANT CONNECTION FEES	0.00	0.00	0.00	0.00	
47020	452004	METER SET FEE	0.00	0.00	-500.00	0.00	
47020	452005	ASSESSMENT FEES	0.00	0.00	0.00	0.00	
47020	453001	NEW LINE FEES	0.00	0.00	0.00	0.00	
47020	453002	SPRINKLER FEES	-6,453.29	0.00	-6,000.00	6,000.00	
47020	480004	OVERAGE & SHORTAGE	0.00	0.00	0.00	0.00	
		<b>TOTAL WATER - OPERATIONS</b>	<b>-3,446,376.53</b>	<b>-1,432,503.80</b>	<b>-3,401,500.00</b>	<b>3,554,000.00</b>	
<b>WASTE TREATMENT PLANT</b>							
47040	420001	SEWER PLANT IMPROVEMENT GRANT	0.00	0.00	0.00	0.00	
47040	442001	MOCKSVILLE WASTEWATER OPER	-116,291.61	-38,289.03	-92,775.00	92,775.00	
47040	451002	SEWER SALES	-260,333.58	-143,693.11	-300,000.00	320,000.00	
47040	452002	SEWER CONNECTION FEES	0.00	0.00	0.00	0.00	
		<b>TOTAL WASTE TREATMENT PLANT</b>	<b>-376,625.19</b>	<b>-181,982.14</b>	<b>-392,775.00</b>	<b>412,775.00</b>	
<b>EASTERN DAVIE SEWER</b>							
47050	430001	CONTRIBUTION COED	0.00	0.00	0.00	0.00	
47050	451004	EAST DAVIE SEWER SALES	-345,471.60	-148,973.86	-600,000.00	600,000.00	
47050	452006	EAST DAVIE TAP FEES	-400.00	0.00	-1,000.00	1,000.00	
47050	452007	EAST DAVIE CAPITAL FEES	0.00	-293,125.00	0.00	0.00	
47050	452008	EAST DAVIE SEWER CONNECT FEES	0.00	0.00	0.00	0.00	
47050	452009	EAST DAVIE-RESERVE CAPACITY	0.00	0.00	0.00	0.00	
47050	452010	FIRE TAP	0.00	0.00	0.00	0.00	
47050	487001	CONTRIBUTION FROM DEVELOPERS	0.00	0.00	0.00	0.00	
47050	493101	FUND BALANCE APPROP	0.00	0.00	0.00	0.00	
		<b>TOTAL EASTERN DAVIE SEWER</b>	<b>-345,871.60</b>	<b>-442,098.86</b>	<b>-601,000.00</b>	<b>601,000.00</b>	
			<b>-4,392,207.20</b>	<b>-2,122,601.61</b>	<b>-5,128,930.87</b>	<b>4,745,775.00</b>	

**COUNTY OF DAVIE BUDGET  
2013-2014 FISCAL YEAR**

		PRIOR YR ACT JUNE 2012	CURR ACTUAL 2012-2013	CURR REVISED 2012-2013	REQUESTED 2013-2014	MANAGER 2013-2014
<b>WATER - A WATER</b>	<b>WATER - ADMINISTRATIVE</b>	<b>WATER - ADMINI</b>	<b>WATER - ADMINI</b>	<b>WATER - ADMINI</b>	<b>WATER - ADMINISTRATIVE</b>	
57010	510010 SALARIES AND WAGES	123,585.69	58,532.49	135,534.00	135,980.00	
57010	510020 PART-TIME SALARIES	11,926.39	4,045.80	15,150.00	15,000.00	
57010	510040 LONGEVITY	1,320.00	1,410.00	1,410.00	1,440.00	
57010	520050 FICA	9,734.87	4,591.59	11,635.00	10,402.00	
57010	520060 GROUP HOSPITAL INSURANCE	23,149.73	9,954.33	26,535.00	26,775.00	
57010	520070 RETIREMENT	8,680.90	4,040.11	9,518.00	9,165.00	
57010	520080 WORKMENS COMPENSATION	1,330.40	1,526.59	1,488.00	1,488.00	
57010	520100 ECS UNEMPLOYMENT INSURANCE	0.00	0.00	0.00	0.00	
57010	520110 GROUP LIFE INSURANCE	122.40	51.00	0.00	0.00	
57010	520120 401K-EMPLOYER SUPPLEMENT	3,662.60	1,666.01	4,021.00	4,079.00	
57010	520130 YMCA MEMBERSHIP	0.00	0.00	0.00	0.00	
57010	520250 EMPLOYEE MEDICAL EXPENSE	0.00	0.00	0.00	0.00	
57010	520260 EMPLOYEE EDUCATION REIMBURSEME	0.00	0.00	0.00	0.00	
57010	520990 RETIREMENT -ROUNDING ACCOUNT	0.00	0.00	0.00	0.00	
57010	530120 POSTAGE	34,966.61	17,626.78	40,000.00	43,000.00	
57010	530250 PRINTING & BINDING	0.00	0.00	0.00	0.00	
57010	530300 VEHICLE TIRES	516.12	0.00	500.00	500.00	
57010	530310 VEHICLE GAS & OIL	1,203.96	391.22	1,400.00	1,300.00	
57010	530320 OFFICE SUPPLIES	2,238.09	0.00	6,000.00	6,000.00	
57010	530330 DEPARTMENT SUPPLIES	2,326.59	1,490.68	4,200.00	6,500.00	
57010	530840 OTHER MATERIALS	0.00	0.00	0.00	0.00	
57010	540100 EDUCATION & TRAINING	0.00	0.00	0.00	0.00	
57010	540110 TELEPHONE	651.66	207.68	2,100.00	1,500.00	
57010	540130 UTILITIES	5,449.81	1,914.44	7,000.00	7,000.00	
57010	540140 TRAVEL	0.00	0.00	0.00	0.00	
57010	540210 BUILDING & EQUIPMENT RENTAL	0.00	0.00	0.00	0.00	
57010	540450 PURCHASED SERVICES	5,925.34	869.00	10,000.00	10,000.00	
57010	540500 LAUNDRY & DRY CLEANING	0.00	0.00	0.00	0.00	
57010	541540 COMPUTER SERVICES	5,592.00	7,374.42	9,602.00	9,500.00	
57010	541550 CONSULTANTS	0.00	0.00	0.00	0.00	
57010	541710 LEGAL FEES	0.00	0.00	0.00	0.00	
57010	550150 BUILDING & GROUNDS MAINTENANCE	118.24	0.00	17,000.00	1,200.00	
57010	550160 EQUIPMENT MAINTENANCE	0.00	0.00	500.00	500.00	
57010	550170 VEHICLE MAINTENANCE	72.89	0.00	500.00	500.00	
57010	560020 OTHER FEES AND SERVICES	0.00	4,396.86	4,398.00	0.00	
57010	560120 SPECIAL EVENTS	0.00	0.00	0.00	0.00	
57010	560260 ADVERTISING	33.00	0.00	500.00	500.00	
57010	560530 DUES & SUBSCRIPTIONS	1,400.00	629.00	1,500.00	1,500.00	
57010	560540 INSURANCE & BONDS	0.00	0.00	0.00	0.00	
57010	560570 MISCELLANEOUS	3,750.00	2,500.00	5,000.00	5,000.00	
57010	560600 BUILDING INSURANCE	0.00	0.00	0.00	0.00	
57010	560610 AUTO INSURANCE	0.00	0.00	0.00	0.00	
57010	580600 EQUIPMENT & FURNITURE	8,679.00	0.00	0.00	0.00	
57010	580620 COMPUTER HARDWARE	0.00	0.00	0.00	0.00	
57010	580640 BUILDING IMPROVEMENTS	161,767.03	0.00	0.00	0.00	
<b>TOTAL WATER - ADMINISTRATIVE</b>		<b>418,203.32</b>	<b>123,218.00</b>	<b>315,491.00</b>	<b>298,829.00</b>	

**COUNTY OF DAVIE BUDGET  
2013-2014 FISCAL YEAR**

		<b>PRIOR YR ACT</b>	<b>CURR ACTUAL</b>	<b>CURR REVISED</b>	<b>REQUESTED</b>	<b>MANAGER</b>
		<b>JUNE 2012</b>	<b>2012-2013</b>	<b>2012-2013</b>	<b>2013-2014</b>	<b>2013-2014</b>
<b>WATER - OPERATIONS</b>						
57020	510010 SALARIES AND WAGES	255,871.12	116,983.65	267,149.00	261,230.00	
57020	510020 PART-TIME SALARIES	0.00	0.00	0.00	0.00	
57020	510040 LONGEVITY	1,420.00	1,710.00	1,710.00	1,860.00	
57020	520050 FICA	19,277.92	8,863.42	20,568.00	19,984.00	
57020	520060 GROUP HOSPITAL INSURANCE	66,042.03	29,915.96	79,605.00	80,325.00	
57020	520070 RETIREMENT	17,881.82	7,999.91	18,686.00	17,607.00	
57020	520080 WORKMENS COMPENSATION	9,391.20	10,884.00	10,612.00	10,612.00	
57020	520100 ECS UNEMPLOYMENT INSURANCE	0.00	0.00	0.00	0.00	
57020	520110 GROUP LIFE INSURANCE	354.28	153.28	0.00	0.00	
57020	520120 401K-EMPLOYER SUPPLEMENT	5,005.11	1,723.57	7,879.00	7,837.00	
57020	520130 YMCA MEMBERSHIP	0.00	0.00	0.00	0.00	
57020	520250 EMPLOYEE MEDICAL EXPENSE	0.00	0.00	0.00	0.00	
57020	520260 EMPLOYEE EDUCATION REIMBURSEME	0.00	0.00	0.00	0.00	
57020	530120 POSTAGE	0.00	0.00	0.00	0.00	
57020	530250 PRINTING & BINDING	0.00	0.00	0.00	0.00	
57020	530300 VEHICLE TIRES	4,291.08	300.20	4,500.00	5,000.00	
57020	530310 VEHICLE GAS & OIL	37,579.95	14,503.27	30,000.00	31,000.00	
57020	530320 OFFICE SUPPLIES	0.00	0.00	0.00	0.00	
57020	530330 DEPARTMENT SUPPLIES	3,952.60	3,174.27	7,500.00	7,500.00	
57020	530360 UNIFORMS	3,391.68	2,518.63	5,500.00	5,700.00	
57020	530370 TOOLS & MINOR EQUIPMENT	5,016.34	3,676.67	6,000.00	6,700.00	
57020	540100 EDUCATION & TRAINING	3,632.79	2,157.43	6,500.00	6,500.00	
57020	540110 TELEPHONE	5,463.74	1,894.00	5,000.00	5,000.00	
57020	540130 UTILITIES	21,452.08	8,184.03	24,000.00	24,000.00	
57020	540140 TRAVEL	0.00	0.00	0.00	0.00	
57020	540210 BUILDING & EQUIPMENT RENTAL	0.00	0.00	0.00	0.00	
57020	540450 PURCHASED SERVICES	101.32	0.00	2,500.00	2,500.00	
57020	541540 COMPUTER SERVICES	0.00	0.00	0.00	0.00	
57020	541550 CONSULTANTS	18,907.50	10,500.00	53,500.00	15,000.00	
57020	550150 BUILDING & GROUNDS MAINTENANCE	1,088.21	428.39	1,000.00	1,000.00	
57020	550160 EQUIPMENT MAINTENANCE	655.86	36.77	2,500.00	2,500.00	
57020	550170 VEHICLE MAINTENANCE	4,129.93	2,041.53	5,000.00	5,000.00	
57020	550400 HEAVY EQUIPMENT MAINTENANCE	6,440.13	2,738.60	5,000.00	5,500.00	
57020	551190 SYSTEM MAINTENANCE	92,723.12	55,870.80	145,000.00	155,000.00	
57020	560120 SPECIAL EVENTS	0.00	0.00	0.00	0.00	
57020	560150 PRIVATE PROPERTY DAMAGE EXPENS	647.00	0.00	3,000.00	1,500.00	
57020	560260 ADVERTISING	0.00	0.00	0.00	0.00	
57020	560530 DUES & SUBSCRIPTIONS	1,940.00	3,270.00	12,000.00	12,000.00	
57020	560540 INSURANCE & BONDS	0.00	0.00	0.00	0.00	
57020	560570 MISCELLANEOUS	0.00	0.00	0.00	0.00	
57020	560600 BUILDING INSURANCE	0.00	0.00	0.00	0.00	
57020	560610 AUTO INSURANCE	0.00	0.00	0.00	0.00	
57020	580110 WATER DEPT IMPROVEMENTS	0.00	0.00	0.00	0.00	
57020	580120 FIRE HYDRANTS	23,535.70	21,775.50	32,000.00	32,000.00	
57020	580600 EQUIPMENT & FURNITURE	64,030.63	46,555.18	52,000.00	107,000.00	
57020	580620 COMPUTER HARDWARE	0.00	0.00	0.00	0.00	
57020	580680 WATER METERS	376,193.60	374,000.00	440,000.00	440,000.00	
<b>TOTAL WATER - OPERATIONS</b>		<b>1,050,416.74</b>	<b>731,859.06</b>	<b>1,248,709.00</b>	<b>1,269,855.00</b>	

**COUNTY OF DAVIE BUDGET  
2013-2014 FISCAL YEAR**

		<b>PRIOR YR ACT</b>	<b>CURR ACTUAL</b>	<b>CURR REVISED</b>	<b>REQUESTED</b>	<b>MANAGER</b>
		<b>JUNE 2012</b>	<b>2012-2013</b>	<b>2012-2013</b>	<b>2013-2014</b>	<b>2013-2014</b>
<b>WATER TREATMENT PLANT</b>						
57030	510010 SALARIES AND WAGES	290,204.57	133,694.82	281,772.00	278,762.00	
57030	510020 PART-TIME SALARIES	0.00	0.00	0.00	0.00	
57030	510040 LONGEVITY	3,350.00	3,560.00	3,560.00	3,590.00	
57030	520050 FICA	21,760.95	10,237.78	21,828.00	21,325.00	
57030	520060 GROUP HOSPITAL INSURANCE	46,043.46	19,908.66	61,915.00	62,475.00	
57030	520070 RETIREMENT	20,402.11	9,250.95	19,831.00	18,789.00	
57030	520080 WORKMENS COMPENSATION	10,056.39	11,584.44	11,294.00	11,294.00	
57030	520100 ECS UNEMPLOYMENT INSURANCE	0.00	0.00	0.00	0.00	
57030	520110 GROUP LIFE INSURANCE	275.40	119.00	0.00	0.00	
57030	520120 401K-EMPLOYER SUPPLEMENT	9,928.49	4,617.37	8,348.00	8,363.00	
57030	520130 YMCA MEMBERSHIP	0.00	0.00	0.00	0.00	
57030	520250 EMPLOYEE MEDICAL EXPENSE	0.00	0.00	0.00	0.00	
57030	520260 EMPLOYEE EDUCATION REIMBURSEME	0.00	0.00	0.00	0.00	
57030	530120 POSTAGE	360.48	177.33	400.00	400.00	
57030	530250 PRINTING & BINDING	0.00	0.00	0.00	0.00	
57030	530300 VEHICLE TIRES	263.16	134.64	1,500.00	900.00	
57030	530310 VEHICLE GAS & OIL	3,214.96	1,082.27	6,000.00	5,500.00	
57030	530320 OFFICE SUPPLIES	139.58	0.00	0.00	500.00	
57030	530330 DEPARTMENT SUPPLIES	12,159.56	4,208.79	10,000.00	10,000.00	
57030	530331 CHEMICALS	170,237.26	110,145.88	511,038.00	425,000.00	
57030	530360 UNIFORMS	2,641.45	1,044.17	3,000.00	3,000.00	
57030	530370 TOOLS & MINOR EQUIPMENT	2,362.97	925.25	5,000.00	5,000.00	
57030	540100 EDUCATION & TRAINING	1,936.93	175.19	10,500.00	8,550.00	
57030	540110 TELEPHONE	8,117.16	3,036.55	8,700.00	8,500.00	
57030	540130 UTILITIES	181,590.54	68,879.39	165,000.00	165,000.00	
57030	540140 TRAVEL	0.00	0.00	0.00	0.00	
57030	540210 BUILDING & EQUIPMENT RENTAL	0.00	0.00	0.00	0.00	
57030	540230 LAND LEASE	0.00	0.00	0.00	0.00	
57030	540450 PURCHASED SERVICES	0.00	0.00	20,000.00	20,000.00	
57030	540480 COLIFORM WATER ANALYSIS	24,780.75	6,390.85	65,000.00	65,000.00	
57030	540490 GARBAGE COLLECTION	395.48	557.78	1,600.00	1,500.00	
57030	541540 COMPUTER SERVICES	0.00	0.00	0.00	0.00	
57030	541550 CONSULTANTS	5,137.33	0.00	65,000.00	35,000.00	
57030	550130 WATER TANK REPAIR	88,380.81	0.00	95,000.00	95,000.00	
57030	550150 BUILDING & GROUNDS MAINTENANCE	10,034.76	1,881.61	15,000.00	10,000.00	
57030	550170 VEHICLE MAINTENANCE	765.49	469.84	2,500.00	2,500.00	
57030	550400 HEAVY EQUIPMENT MAINTENANCE	259,155.06	88,264.34	345,702.80	300,000.00	
57030	560120 SPECIAL EVENTS	0.00	0.00	0.00	0.00	
57030	560260 ADVERTISING	0.00	0.00	0.00	0.00	
57030	560430 WATER PURCHASE	0.00	0.00	1,000.00	1,000.00	
57030	560530 DUES & SUBSCRIPTIONS	6,963.52	1,755.00	4,500.00	4,500.00	
57030	560540 INSURANCE & BONDS	0.00	0.00	0.00	0.00	
57030	560570 MISCELLANEOUS	0.00	0.00	0.00	0.00	
57030	560600 BUILDING INSURANCE	0.00	0.00	0.00	0.00	
57030	560610 AUTO INSURANCE	0.00	0.00	0.00	0.00	
57030	580010 LAND ACQUISITION	0.00	0.00	0.00	0.00	
57030	580600 EQUIPMENT & FURNITURE	210,450.78	150,978.51	337,000.00	105,174.00	
57030	580620 COMPUTER HARDWARE	0.00	0.00	0.00	0.00	
<b>TOTAL WATER TREATMENT PLANT</b>		<b>1,391,109.40</b>	<b>633,080.41</b>	<b>2,081,988.80</b>	<b>1,676,622.00</b>	

**COUNTY OF DAVIE BUDGET  
2013-2014 FISCAL YEAR**

		<b>PRIOR YR ACT</b>	<b>CURR ACTUAL</b>	<b>CURR REVISED</b>	<b>REQUESTED</b>	<b>MANAGER</b>
		<b>JUNE 2012</b>	<b>2012-2013</b>	<b>2012-2013</b>	<b>2013-2014</b>	<b>2013-2014</b>
<b>WASTE TREATMENT PLANT</b>						
57040	510010 SALARIES AND WAGES	39,491.59	17,577.50	43,865.00	44,859.00	
57040	510020 PART-TIME SALARIES	0.00	0.00	0.00	0.00	
57040	510040 LONGEVITY	140.00	170.00	170.00	200.00	
57040	520050 FICA	2,681.65	1,208.86	3,437.00	3,432.00	
57040	520060 GROUP HOSPITAL INSURANCE	7,455.33	3,318.11	8,845.00	8,925.00	
57040	520070 RETIREMENT	2,754.43	1,196.16	3,123.00	3,024.00	
57040	520080 WORKMENS COMPENSATION	876.11	1,279.11	1,247.00	1,247.00	
57040	520100 ECS UNEMPLOYMENT INSURANCE	0.00	0.00	0.00	0.00	
57040	520110 GROUP LIFE INSURANCE	40.80	17.00	0.00	0.00	
57040	520120 401K-EMPLOYER SUPPLEMENT	0.00	0.00	1,328.00	1,346.00	
57040	520130 YMCA MEMBERSHIP	0.00	0.00	0.00	0.00	
57040	520250 EMPLOYEE MEDICAL EXPENSE	0.00	0.00	0.00	0.00	
57040	520260 EMPLOYEE EDUCATION REIMBURSEME	0.00	0.00	400.00	400.00	
57040	530120 POSTAGE	187.02	0.00	250.00	250.00	
57040	530250 PRINTING & BINDING	0.00	0.00	0.00	0.00	
57040	530300 VEHICLE TIRES	0.00	0.00	400.00	500.00	
57040	530310 VEHICLE GAS & OIL	2,935.25	1,391.14	2,500.00	3,000.00	
57040	530320 OFFICE SUPPLIES	74.91	0.00	700.00	700.00	
57040	530330 DEPARTMENT SUPPLIES	2,999.37	156.43	2,000.00	2,000.00	
57040	530331 CHEMICALS	18,917.81	5,476.00	27,000.00	25,000.00	
57040	530360 UNIFORMS	96.06	0.00	500.00	550.00	
57040	530370 TOOLS & MINOR EQUIPMENT	385.86	90.06	1,800.00	2,500.00	
57040	540100 EDUCATION & TRAINING	992.75	259.28	2,500.00	2,500.00	
57040	540110 TELEPHONE	2,853.33	1,109.41	3,900.00	3,500.00	
57040	540130 UTILITIES	96,092.21	39,774.16	95,000.00	99,000.00	
57040	540140 TRAVEL	0.00	0.00	0.00	0.00	
57040	540210 BUILDING & EQUIPMENT RENTAL	0.00	0.00	0.00	0.00	
57040	540440 WASTEWATER ANALYSIS	19,029.00	3,970.90	21,000.00	21,000.00	
57040	540442 MOCKSVILLE WASTEWATER PLANT	16,993.55	3,386.59	45,000.00	45,000.00	
57040	540450 PURCHASED SERVICES	44,690.00	0.00	18,000.00	25,000.00	
57040	541540 COMPUTER SERVICES	0.00	0.00	0.00	0.00	
57040	541550 CONSULTANTS	8,552.50	0.00	15,000.00	20,000.00	
57040	550150 BUILDING & GROUNDS MAINTENANCE	1,512.89	53.42	2,500.00	2,500.00	
57040	550400 HEAVY EQUIPMENT MAINTENANCE	22,538.14	1,825.00	68,000.00	75,000.00	
57040	551190 SYSTEM MAINTENANCE	95,337.93	57,190.85	140,810.07	140,000.00	
57040	560120 SPECIAL EVENTS	0.00	0.00	0.00	0.00	
57040	560260 ADVERTISING	0.00	0.00	0.00	0.00	
57040	560530 DUES & SUBSCRIPTIONS	6,041.88	1,111.42	4,000.00	4,000.00	
57040	560540 INSURANCE & BONDS	0.00	0.00	0.00	0.00	
57040	560560 CHARGES & PENALTIES	0.00	0.00	2,500.00	2,500.00	
57040	560570 MISCELLANEOUS	0.00	0.00	0.00	0.00	
57040	560600 BUILDING INSURANCE	0.00	0.00	0.00	0.00	
57040	580110 WATER DEPT IMPROVEMENTS	0.00	0.00	0.00	0.00	
57040	580140 ROAD IMPROVEMENTS	0.00	0.00	0.00	0.00	
57040	580600 EQUIPMENT & FURNITURE	60,295.34	3,000.00	90,169.00	119,500.00	
57040	580620 COMPUTER HARDWARE	0.00	0.00	0.00	0.00	
57040	580640 BUILDING IMPROVEMENTS	0.00	0.00	0.00	0.00	
<b>TOTAL WASTE TREATMENT PLANT</b>		<b>453,965.71</b>	<b>143,561.40</b>	<b>606,844.07</b>	<b>657,433.00</b>	

**COUNTY OF DAVIE BUDGET  
2013-2014 FISCAL YEAR**

		<b>PRIOR YR ACT</b>	<b>CURR ACTUAL</b>	<b>CURR REVISED</b>	<b>REQUESTED</b>	<b>MANAGER</b>
		<b>JUNE 2012</b>	<b>2012-2013</b>	<b>2012-2013</b>	<b>2013-2014</b>	<b>2013-2014</b>
<b>EASTERN DAVIE SEWER</b>						
57050	510010 SALARIES AND WAGES	29,177.00	13,069.15	29,964.00	31,863.00	
57050	510020 PART-TIME SALARIES	0.00	0.00	0.00	0.00	
57050	510040 LONGEVITY	140.00	170.00	170.00	170.00	
57050	520050 FICA	2,225.33	987.70	2,305.00	2,437.00	
57050	520060 GROUP HOSPITAL INSURANCE	7,546.88	3,265.14	8,845.00	8,925.00	
57050	520070 RETIREMENT	2,037.56	892.31	2,094.00	2,148.00	
57050	520080 WORKMENS COMPENSATION	688.83	847.16	826.00	826.00	
57050	520100 ECS UNEMPLOYMENT INSURANCE	0.00	0.00	0.00	0.00	
57050	520110 GROUP LIFE INSURANCE	40.12	16.72	0.00	0.00	
57050	520120 401K-EMPLOYER SUPPLEMENT	860.28	362.05	884.00	956.00	
57050	520130 YMCA MEMBERSHIP	0.00	0.00	0.00	0.00	
57050	520250 EMPLOYEE MEDICAL EXPENSE	0.00	0.00	0.00	0.00	
57050	520260 EMPLOYEE EDUCATION REIMBURSEME	0.00	0.00	0.00	0.00	
57050	530120 POSTAGE	0.00	0.00	0.00	0.00	
57050	530250 PRINTING & BINDING	0.00	0.00	0.00	0.00	
57050	530300 VEHICLE TIRES	0.00	0.00	600.00	600.00	
57050	530310 VEHICLE GAS & OIL	4,688.79	1,278.74	4,000.00	4,000.00	
57050	530320 OFFICE SUPPLIES	0.00	0.00	0.00	0.00	
57050	530330 DEPARTMENT SUPPLIES	1,079.57	700.09	3,000.00	3,500.00	
57050	530331 CHEMICALS	390.00	972.97	2,500.00	2,500.00	
57050	530360 UNIFORMS	125.00	0.00	600.00	700.00	
57050	540100 EDUCATION & TRAINING	0.00	0.00	2,500.00	2,500.00	
57050	540110 TELEPHONE	4,155.83	1,794.93	4,000.00	4,000.00	
57050	540130 UTILITIES	27,105.58	9,193.02	28,000.00	29,000.00	
57050	540140 TRAVEL	0.00	0.00	0.00	0.00	
57050	540210 BUILDING & EQUIPMENT RENTAL	0.00	0.00	0.00	0.00	
57050	540450 PURCHASED SERVICES	0.00	0.00	2,500.00	2,500.00	
57050	540471 WS/FC UTILITIES COMM CHG	643,586.59	265,398.13	636,000.00	640,000.00	
57050	541540 COMPUTER SERVICES	0.00	0.00	0.00	0.00	
57050	541550 CONSULTANTS	19,200.00	12,800.00	21,200.00	15,000.00	
57050	550150 BUILDING & GROUNDS MAINTENANCE	350.00	0.00	1,500.00	1,500.00	
57050	550170 VEHICLE MAINTENANCE	198.32	30.73	500.00	500.00	
57050	550400 HEAVY EQUIPMENT MAINTENANCE	47,935.73	24,212.14	90,000.00	110,000.00	
57050	560120 SPECIAL EVENTS	0.00	0.00	0.00	0.00	
57050	560260 ADVERTISING	0.00	0.00	0.00	0.00	
57050	560530 DUES & SUBSCRIPTIONS	0.00	0.00	500.00	500.00	
57050	560540 INSURANCE & BONDS	0.00	0.00	0.00	0.00	
57050	560560 CHARGES & PENALTIES	0.00	0.00	0.00	0.00	
57050	560570 MISCELLANEOUS	0.00	0.00	0.00	0.00	
57050	560600 BUILDING INSURANCE	0.00	0.00	0.00	0.00	
57050	560961 PAY BACK TO DEVELOPERS	0.00	0.00	0.00	0.00	
57050	580010 LAND ACQUISITION	0.00	0.00	0.00	0.00	
57050	580110 WATER DEPT IMPROVEMENTS	0.00	0.00	0.00	0.00	
57050	580600 EQUIPMENT & FURNITURE	17,682.46	0.00	18,410.00	0.00	
57050	580620 COMPUTER HARDWARE	0.00	0.00	0.00	0.00	
57050	581120 SEWER IMPROVEMENTS	619.64	0.00	15,000.00	20,000.00	
<b>TOTAL EASTERN DAVIE SEWER</b>		<b>809,833.51</b>	<b>335,990.98</b>	<b>875,898.00</b>	<b>884,125.00</b>	

Org	Emp #	Last	First	Job Desc	Service Date	Yrs Svc		Grade	Hourly	Annual	Request	Grd	Mgr	Grd	Board	Grd
						Jul 13 - Jun 14	Grade									
57010	571	LAMBERT	RAYMOND	UTILITIES DIRECTOR	06/14/2004	10	71			63,667	65,259.00	Certification				
57010	171	MCCLAMROCK	MELANIE	UTILITY CUSTOMER ACCTS SPEC	10/15/1990	23	63			38,858	38,858.00					
57010	615	MILLER	JOSIE	PART TIME UTIL CUST SVC SPEC					13.2000							
57010	339	ROBERSON	PAMELA	UTILITY CUSTOMER ACCTS SPEC	08/07/2000	13	61			31,863	31,863.00					

TOTAL FULL TIME

TOTAL PART TIME

TOTAL

LONGEVITY

FICA

HOSPITAL

RETIREMENT

401K

TOTAL AUTHORIZED POSITIONS 3 FULL TIME, PART-TIME AS NEEDED

Org	Emp #	Last	First	Job Desc	Service Date	Yrs Svc		Hourly	Annual	Request	Grd	Mgr	Grd	Board	Grd	
						Jul 13 - Jun 14	Grade									
57020	883	ATWOOD	ERVIN	SENIOR LINE MAINT MECHANIC	08/03/2009	4	62		28,966	29,690.00	Certification					
57020	947	DIXON	JOHN	LINE MAINTENANCE MECHANIC	01/03/2012	2	59		23,830	23,830.00						
57020	881	HEAD	RANDALL	LINE MAINTENANCE MECHANIC	07/13/2009	4	59		25,644	25,644.00						
57020	930	JONES	JONATHAN	LINE MAINTENANCE MECHANIC	06/01/2011	3	59		25,648	26,289.00	Certification					
57020	283	LEONARD	MICHAEL	LINE MAINTENANCE MECHANIC	06/01/1998	16	59		28,900	28,900.00						
57020	858	MCCHESNEY	JOSHUA	LINE MAINTENANCE MECHANIC	12/29/2008	5	59		26,943	30,378.00	DMG,Certification					
57020	343	MCCRARY	TIMOTHY	LINE MAINTENANCE SUPERVISOR	08/01/2000	13	65		38,880	39,852.00						
57020	919	SPRY	WILLIAM	LINE MAINTENANCE MECHANIC	10/06/2010	3	59		25,022	25,022.00						
57020	806	WALLER	JUSTIN	SENIOR LINE MAINT MECHANIC	02/27/2008	6	62		31,624	31,624.00						

TOTAL FULL TIME

TOTAL PART TIME

TOTAL

LONGEVITY

FICA

HOSPITAL

RETIREMENT

401K

TOTAL AUTHORIZED POSITIONS 9 FULL TIME, PART-TIME AS NEEDED

Org	Emp #	Last	First	Job Desc	Service Date	Yrs Svc		Grade	Hourly	Annual	Request	Grd	Mgr	Grd	Board	Grd
						Jul 13 - Jun 14										
57030	<a href="#">345</a>	CORRIHER	STEVEN	SENIOR TREATMENT PLANT OPERATO	08/01/2000	13	64			38,251	39,207.00	Certification				
57030	<a href="#">287</a>	HATLEY	STEVEN	TREATMENT PLANT OPERATOR	01/15/1979	35	61			44,106	44,106.00					
57030	<a href="#">711</a>	LINVILLE	MICHAEL	TREATMENT PLANT OPERATOR	09/29/2006	7	61			32,359	33,997.00	Certification				
57030	<a href="#">288</a>	MCDANIEL	RODNEY	TREATMENT PLANT OPERATOR	07/03/1989	24	61			37,003	37,003.00					
57030	<a href="#">289</a>	MILLER	MICHAEL	SENIOR TREATMENT PLANT OPERATO	08/10/1992	21	64			42,078	42,078.00	Certification				
57030	<a href="#">942</a>	SEATS	MATTHEW	TREATMENT PLANT OPERATOR	09/26/2011	2	61			28,273	29,980.00	Certification				
57030	<a href="#">348</a>	WEIR	MICHAEL	TREATMENT PLANT SUPERVISOR	08/14/2000	13	68			53,391	53,391.00	Certification				

TOTAL FULL TIME

TOTAL PART TIME

TOTAL

LONGEVITY

FICA

HOSPITAL

RETIREMENT

401K

TOTAL AUTHORIZED POSITIONS 7 FULL TIME, PART-TIME AS NEEDED

Org	Emp #	Last	First	Job Desc	Service Date	Yrs Svc		Grade	Hourly	Annual	Request	Grd	Mgr	Grd	Board	Grd	
						Jul 13 - Jun 14	Grade										
57040	796	MOTEN	ERIC	TREATMENT PLANT SUPERVISOR	12/19/2007	6	68			43,765	44,859.00	Certification					

TOTAL FULL TIME  
TOTAL PART TIME  
TOTAL  
LONGEVITY  
FICA  
HOSPITAL  
RETIREMENT  
401K

TOTAL AUTHORIZED POSITIONS 1 FULL TIME

Org	Emp #	Last	First	Job Desc	Service Date	Yrs Svc		Grade	Hourly	Annual	Request	Grd	Mgr	Grd	Board	Grd	
						Jul 13 - Jun 14	Grade										
57050	838	GODBEY	MICHEAL	SENIOR LINE MAINT MECHANIC	07/21/2008	5	62			31,863	31,863.00						

TOTAL FULL TIME  
 TOTAL PART TIME  
 TOTAL  
 LONGEVITY  
 FICA  
 HOSPITAL  
 RETIREMENT  
 401K

TOTAL AUTHORIZED POSITIONS 1 FULL TIME