

## FY 13/14 Budget Summary

**DEPARTMENT:**

**DIVISION:**

**DEPARTMENT CODE:**

**PENDER COUNTY UTILITIES -ROCKY POINT/TOPSAIL W & S DISTRICT**

**WATER - Fund 072**

**Description:** The Rocky Point/Topsail Water & Sewer District was created in 1996 along with the passage of a \$30 million Bond Referendum to provide quality drinking water and sewer service to customers in the Rocky Point and Topsail township areas. The District currently serves approximately 175 square miles in Pender County. The average daily demand for water is approximately 860,000 gallons per day. Phases I and IB were completed in July 2001. Phase III (Project cost \$9,400,000) was completed in November of 2006. Phase IV (project cost \$2,653,000), serving the Village of St. Helena, New Road area and Old River Road was completed in April of 2007 and serves 500 customers. Phase V (project cost \$10,715,000) serving the Topsail area north and east of Hampstead was completed in 2009 and serves 600 customers. The final portion of Phase V was completed in February 2011 and began water service to approximately 500 new customers between March and June 2011. The District currently serves approximately 5,300 residential and commercial customers; an 8% increase over FY 12-13.

**FY 12/13 Program Highlights:** Approximately 300 new water customers were connected to the system during the fiscal year. In October, all existing USDA-RD construction loans were refinanced with Limited Obligation Bonds issued by Pender County. The net interest savings from the refunding totaled over \$4.5 million over the 32-year term of the loan. The refinancing will provide long-term stability in holding the "Fixed" portion of the monthly water bill at the current rate.

**FY 13/14 Program Objectives:** With the new Water Treatment Plant on-line and providing water supply to the District, staff will focus their efforts on designing, permitting, and constructing the Moore's Creek and Central Water Distribution systems prior to the expiration of the 2006 General Obligation Bond Referendums approved by the voters of each District. This effort will also all for a refocus on updating the 2006 Master Water Plan. No new waterline construction is scheduled for this District.

**REVENUES:**

Revenue Source	Budget	Department Request	Manager Recommendation
	FY 12/13	FY 13/14	FY 13/14
Water Fees	\$2,660,000	\$2,765,000	\$2,765,000
Bad Check & Reconnect Fees	\$35,000	\$35,000	\$35,000
Connection Fees	\$57,000	\$85,000	\$85,000
Other Fees – Scotts Hill Bulk Sales	\$573,130	\$600,000	\$600,000
<b>TOTAL</b>	<b>\$3,325,130</b>	<b>\$3,485,000</b>	<b>\$3,485,000</b>

**EXPENDITURES:**

Budget	Budget	Department Request	Manager Recommendation
	FY 12/13	FY 13/14	FY 13/14
Salary/Benefits	\$594,358	\$575,575	\$575,575
Operating	\$573,319	\$643,819	\$643,819
Capital Outlay	\$5,000	\$5,000	\$5,000
Capital Outlay - Vehicle	\$45,000	\$60,000	\$60,000
Bond Principal	\$299,500	\$300,000	\$300,000
Bond Interest	\$915,660	\$915,000	\$915,000
Water Purchase	\$892,293	\$950,000	\$950,000
<b>TOTAL</b>	<b>\$3,325,130</b>	<b>\$3,485,000</b>	<b>\$3,485,000</b>

<u>Authorized Positions</u>	Budget	Department Request	Manager Recommendation
	<u>FY 12/13</u>	<u>FY 13/14</u>	<u>FY 12/13</u>
Full-Time	10	11	11
Part-Time			
Contracted			
Total:	10	11	11

## FY 13/14 Budget Summary

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PENDER COUNTY UTILITIES – ROCKY POINT/TOPSAIL W & S DISTRICT      SEWER – Fund 70

**Description:** The Rocky Point/Topsail Water & Sewer District initiated sewer operations in 1999 to serve Del Labs manufacturing facility and three Pender County public schools. Wastewater is collected by PCU at the regional wastewater pump station and pumped via 6" force main under the Northeast Cape Fear River to a gravity collection system and treated at the Northside Wastewater Treatment Facility owned and operated by Cape Fear Public Utility Authority (CFPUA). The pump station was designed, permitted and constructed to flow up to 250,000 gallons per day to the CFPUA treatment plant. However, the original agreements with New Hanover County and the City of Wilmington limited sewer flow capacity from the Rocky Point/Topsail system to 75,000 gallons per day until the Northside WWTP upgrade was constructed and placed on-line. In February, 2009, the Northside WWTP was re-rated to 10 MGD and the sewer flow capacity available to PCU was increased to 125,000 gpd.

**FY 12/13 Program Highlights:** Pender County's initial sewer flow allocation of 75,000 was increased to 125,000 gpd by CFPUA on February 12, 2009 after the Northside WWTP was re-rated from 8 MGD to 10 MGD. To date there are 23 commercial wastewater customers served by the Rocky Point/Topsail system with approximately 84,833 gallons per day of State permitted sewer flow. Actual wastewater flow averages 40,000 gpd. An additional 125,000 gpd allocation can be requested when the Northside WWTP receives its final 16 MGD rating sometime this fiscal year. PCU and CFPUA completed a joint venture to design and permit a 0.5 MGD Regional Wastewater Treatment Facility to serve the US Highway 421 corridor. Each entity contributed \$364,815 to hire McKim & Creed to update the existing Environmental Assessment and Engineering Alternatives Analysis, and to design and permit the 0.5 MGD facility. The 0.5 MGD SBR (Sequential Batch Reactor) WWTP is fully designed and permitted.

**FY 13/14 Program Objectives:** PCU will continue efforts to secure the necessary financing to begin construction of the facility. The proposed facility will be constructed within the Pender Commerce Park and use the 4 MGD NPDES discharge permit belonging to CFPUA

**REVENUES:**

<b>Revenue Source</b>	<b>Budget FY12/13</b>	<b>Department Request FY13/14</b>	<b>Manager Recommendation FY 13/14</b>
Commercial Sewer Fees	\$85,895	\$80,000	\$80,000
School Sewer Fees	\$31,000	\$32,426	\$32,426
<b>TOTAL</b>	\$116,895	\$112,426	\$112,426

**EXPENDITURES:**

<b>Budget</b>	<b>Budget FY12/13</b>	<b>Department Request FY13/14</b>	<b>Manager Recommendation FY 13/14</b>
Salary/Benefits	\$31,595	\$33,021	\$33,021
Operating	\$40,500	\$29,405	\$29,405
Contract – Sewer Treatment	\$44,800	\$50,000	\$50,000
<b>TOTAL</b>	\$116,895	\$112,426	\$112,426

<b>Authorized Positions</b>	<b>Budget FY 12/13</b>	<b>Department Request FY 13/14</b>	<b>Manager Recommendation FY 12/13</b>
Full-Time	1	1	1
Part-Time			
Contracted			
<b>Total:</b>	1	1	1

**FY 13/14 Budget Summary**

**DEPARTMENT:**

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**PENDER COUNTY UTILITIES – MAPLE HILL W & S DISTRICT**

**WATER – Fund 071**

**Description:** The Maple Hill Water & Sewer District exists to provide quality drinking water to the community of Maple Hill. The water is purchased from the Chinquapin Water Association, Inc. The District currently provides water service to 355 residential and commercial customers.

**FY 12/13 Program Highlights:** The Water system remains fairly constant as Maple Hill is not a high growth area of the County.

**FY 13/14 Program Objectives:** The rate increase and uniform rate schedule changes in FY 12-13 appear to have been satisfactory in providing financial self-sufficiency within the District. No changes are recommended this fiscal year.

**REVENUES**

<b>Revenue Source</b>	<b>Budget FY12/13</b>	<b>Department Request FY13/14</b>	<b>Manager Recommendation FY 13/14</b>
<b>Water Fees</b>	\$138,000	\$138,000	\$138,000
<b>Connection Fees</b>	0	0	0
<b>Other Fees</b>	\$ 2,100	\$2,000	\$2,000
<b>TOTAL</b>	\$ 140,100	\$140,000	\$140,000

**EXPENDITURES:**

<b>Expenditure</b>	<b>Budget FY12/13</b>	<b>Department Request FY13/14</b>	<b>Manager Recommendation FY 13/14</b>
Salaries/Benefits	\$ 48,008	\$48,181	\$48,181
Operating Expenses	\$ 27,092	\$26,819	\$26,819
Bond Principal	\$ 7,000	\$7,000	\$7,000
Bond Interest	\$ 15,000	\$15,000	\$15,000
Water Purchase	\$ 43,000	\$43,000	\$43,000
<b>TOTAL</b>	\$ 140,100	\$140,000	\$140,000

<b>Authorized Positions</b>	<b>Budget FY 12/13</b>	<b>Department Request FY 13/14</b>	<b>Manager Recommendation FY 12/13</b>
Full-Time	1	1	1
Part-Time			
Contracted		120	
<b>Total:</b>	1	1	1

**FY 13/14 Budget Summary**

**DEPARTMENT:**

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**PENDER COUNTY UTILITIES – MAPLE HILL W & S DISTRICT**

**SEWER – Fund 073**

**Description:** Over 50% of the residential septic tank systems in the Maple Hill community have failed, contributing to public health risks and surface water pollution. The County was asked to provide assistance to the community while also working to enhance surrounding water quality. In 2006, Pender County received a grant commitment of \$2,774,614 from the North Carolina Rural Center and in 2009, a \$1.5 million grant from the North Carolina Clean Water Management Trust Fund for the project. The engineering firm of Hobbs, Upchurch & Associates designed and permitted the wastewater collection, treatment, and disposal system and 175 properties committed to the project.

**FY 12/13 Program Highlights:** On November 5, 2012, the Maple Hill Wastewater Collection and Treatment System officially began operations. STEP (septic tank effluent pumping) tanks were installed on 175 properties connected to over 8 miles of effluent collection lines and sent to a 42,000 gpd Wastewater Treatment Plant with a 16-acre spray irrigation field. All \$4.5 million expended by the District to construct the system has been 100% reimbursed by the Rural Center and CWMTF grants.

**FY 13/14 Program Objectives:** Staff continues to seek improvement to the operations of the entire system and create cost savings and efficiencies will working within the limits of the remaining construction warranty provided by the Contractors.

**REVENUES:**

<b>Revenue Source</b>	<b>Budget FY12/13</b>	<b>Department Request FY13/14</b>	<b>Manager Recommendation FY 13/14</b>
Sewer Fees	\$73,369	\$59,578	\$59,578
<b>TOTAL</b>	\$73,369	\$59,578	\$59,578

**EXPENDITURES:**

<b>Expenditure</b>	<b>Budget FY12/13</b>	<b>Department Request FY13/14</b>	<b>Manager Recommendation FY 12/13</b>
Salaries/Benefits	\$26,717	\$26,295	\$26,295
Operating Expenses	\$46,652	\$33,283	\$33,283
<b>TOTAL</b>	\$73,369	\$59,578	\$59,578

<b><u>Authorized Positions</u></b>	<b>Budget FY 12/13</b>	<b>Department Request FY 13/14</b>	<b>Manager Recommendation FY 12/13</b>
Full-Time	1	1	1
Part-Time			
Contracted			
<b>Total:</b>	1	1	1

FY 13/14 Budget Summary

**DEPARTMENT:**

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**PENDER COUNTY UTILITIES – SCOTTS HILL W & S DISTRICT**

**WATER – Fund 76**

**Description:** The Scotts Hill Water & Sewer District was formally created in 2006 along with the passage of a \$4 million Bond Referendum to provide quality drinking water to citizens in the Scotts Hill area. In 2008, the USDA-RD agreed to finance \$3,067,000 of the project costs. In 2010, the Scotts Hill Water Distribution system was bid and interim financing secured through the issuance of Bond Anticipation Notes. The entire project cost being financed is \$2,711,000. Upon the completion of the construction to install the water system, the USDA-RD purchased the \$2,711,000 in General Obligation Bonds.

**FY 12/13 Program Highlights:** The water distribution system has been online and serving properties in Scotts Hill since October , 2011. The District currently bills approximately 525 properties for water service. The \$2,711,000 USDA-RD general obligation loan for the construction of the system was refinanced in October 2012 and resulted in a lower debt service of approximately \$12,000 per year.

**FY 13/14 Program Objectives:** The District continues to discuss a water system interconnection with the Cape Fear Public Utility Authority for emergency situations.

**REVENUES:**

<b>Revenue Source</b>	<b>Budget FY 12/13</b>	<b>Department Request FY 13/14</b>	<b>Manager Recommendation FY 13/14</b>
Water Fees	\$225,000	\$232,814	\$232,814
Bad Check & Reconnect Fees	\$2,000	\$2,000	\$2,000
<b>TOTAL</b>	\$227,000	\$234,814	\$234,814

**EXPENDITURES:**

<b>Budget</b>	<b>Budget FY 12/13</b>	<b>Department Request FY 13/14</b>	<b>Manager Recommendation FY 13/14</b>
Salary/Benefits	\$35,917	\$23,426	\$23,426
Operating	\$21,519	\$12,419	\$12,419
Capital Outlay - Vehicle	0	0	0
Bond Principal	0	\$55,000	\$55,000
Bond Interest	0	\$103,588	\$103,588
Water Purchase	\$156,000	\$40,000	\$40,000
Reserve for Future Expenditure	\$13,564	\$381	\$381
Depreciation Expense	0	0	0
<b>TOTAL</b>	\$227,000	\$234,814	\$234,814

<b>Authorized Positions</b>	<b>Budget FY 12/13</b>	<b>Department Request FY 13/14</b>	<b>Manager Recommendation FY 12/13</b>
Full-Time	1	1	1
Part-Time			
Contracted			
Total:	1	1	1

FY 13/14 Budget Summary

**DEPARTMENT:**

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**PENDER COUNTY UTILITIES WATER TREATMENT FACILITY**

**Fund - 77**

**Description:** Pender County has experienced tremendous growth over the past 15 years. Population projections indicate that rapid growth will continue in the County for the near future, with a projected Year 2030 County population of approximately 104,000 residents. This growth has and will continue to place a burden on existing water facilities in the County and will continue to pose water infrastructure challenges in the future. Pender County recognized the need for providing public water infrastructure that meets current and future needs and is environmentally sound. Thus, the County chose to pursue construction of a conventional surface water treatment facility to serve present and future water demands.

**FY 12/13 Program Highlights:** Construction of the 2 million gallon per day Surface Water Treatment Plant and 13 miles of finished water transmission main were completed in November 2012 at a cost of \$33 million. The Water Plant was placed into service in December 2012. Financing of the project was secured by a \$17.5 million General Obligation Bond, a \$5.0 million Revenue Obligation Bond, and \$7.5 million in Grant Funding by the USDA-RD in addition to PCU Capital Project funding.

**FY 13/14 Program Objectives:** Staff will continue to find operating and maintenance efficiencies and operate the plant to serve both the RPTWSD and SHWSD. The operational cost and debt service associated with operating the Water Treatment Plant will be recovered through bulk water sales to the Rocky Point/Topsail and Scotts Hill Water & Sewer Districts.

**REVENUES:**

<b>Revenue Source</b>	<b>Budget FY 12/13</b>	<b>Department Request FY 13/14</b>	<b>Manager Recommendation FY 13/14</b>
Water Fees - Bulk	\$926,253	\$1,105,222	\$1,105,222
<b>TOTAL</b>	\$926,253	\$1,105,222	\$1,105,222

**EXPENDITURES:**

<b>Budget</b>	<b>Budget FY 12/13</b>	<b>Department Request FY 13/14</b>	<b>Manager Recommendation FY 13/14</b>
Salary/Benefits	\$286,000	\$323,722	\$323,722
Operating	\$505,253	\$441,500	\$441,500
Capital Outlay	\$70,000	0	0
Bond Principal	0	0	0
Bond Interest	0	\$220,000	\$220,000
Water Purchase	\$65,000	\$120,000	\$120,000
<b>TOTAL</b>	\$926,253	\$1,105,222	\$1,105,222

<b>Authorized Positions</b>	<b>Budget FY 12/13</b>	<b>Department Request FY 13/14</b>	<b>Manager Recommendation FY 13/14</b>
Full-Time	6	6	6
Part-Time	0	0	0
Contracted			
Total:	6	6	6