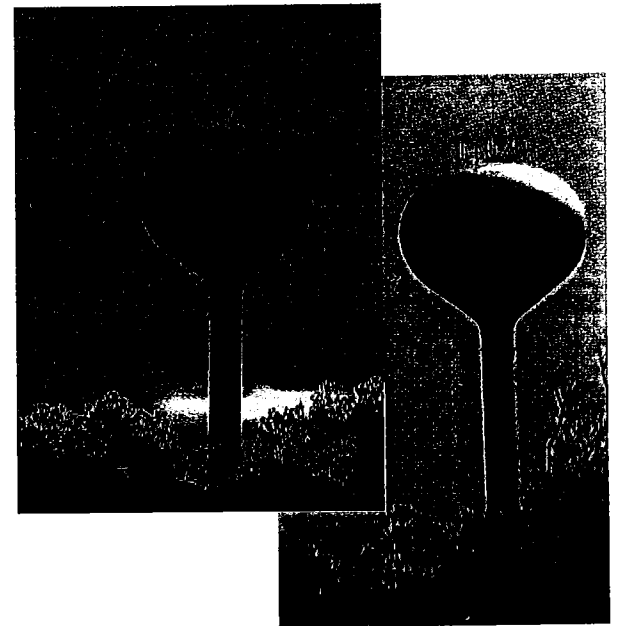


Water Operations Division

Division Overview

The Water Operations staff is responsible for monitoring water quality leaving the plant and in the distribution system for the residents and visitors of Nags Head. The water plant is staffed two shifts per day, seven days a week and serves as an after-hours contact for Nags Head citizens wishing to report water problems or seeking information concerning other Town departmental activities.

Water Operations consists of the 8th Street Water Treatment Plant and storage tank, the Gull Street Pump Station and storage tank, and two 500,000-gallon elevated water storage tanks, one in south Nags Head and the other behind the Public Works complex on Lark Avenue. In addition, Water Operations maintains a state certified laboratory for bacteriological testing to ensure that water quality is in compliance with all state and federal regulations.



Goals

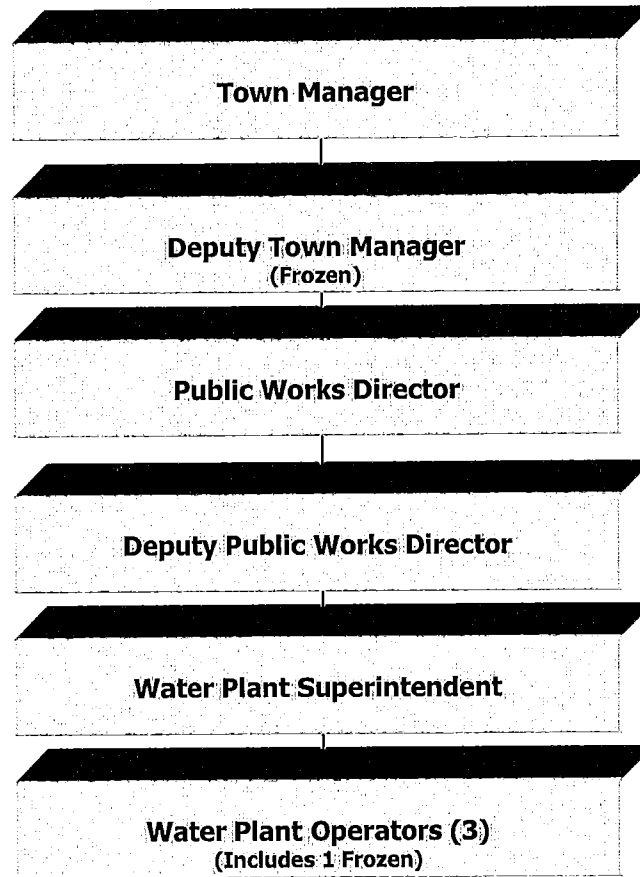
To operate a public water system in a manner that provides Nags Head citizens an adequate quantity of potable water and fire protection, and ensures the compliance of the water system with all federal and state regulations.

Objectives

- Provide effective customer service response to every Nags Head citizen in a timely manner and satisfactorily resolve any needs, questions, or problems that may be presented.
- Update the schedule for replacing equipment and installing new equipment in a time frame consistent with the Water Master Plan. Review water treatment methods and new treatment technologies to ensure safe, cost effective, good tasting potable drinking water.
- Provide a safe work environment for staff and visitors to the water facilities and ensure all water facilities meet or exceed the standards required by the North Carolina Department of Labor, Occupational Safety and Health.
- Provide water at adequate flows and pressures for the Town's fire protection service.
- Constantly review department goals and operations and institute changes when warranted to ensure a more cost effective and efficient operation.
- Continue to work toward meeting EPA requirements of the Stage 2 Disinfection/Disinfection By-Product Rule that becomes effective in December 2013.

Performance Measures and Workload Indicators

	FY 06-07 <u>Actual</u>	FY 07-08 <u>Actual</u>	FY 08-09 <u>Actual</u>
Water Pumped to Nags Head (million gallons - MG)	447.837	425.424	439.077
Water Purchased from Dare County Regional Water System	447.837	425.424	439.077
Total hours of operation	4,628.64	4,208.09	4,341.45



<u>Position</u>	<u>Grade</u>	<u>Adopted Positions FY 09-10</u>	<u>Existing Positions</u>	<u>Recommended Positions FY 10-11</u>	<u>Adopted Positions FY 10-11</u>
Water Plant Superintendent	17	1	1	1	1
Water Plant Operator*	11	3	3	3	3
TOTAL:		4	4	4	4

*One Water Plant Operator position is frozen for FY 10-11.

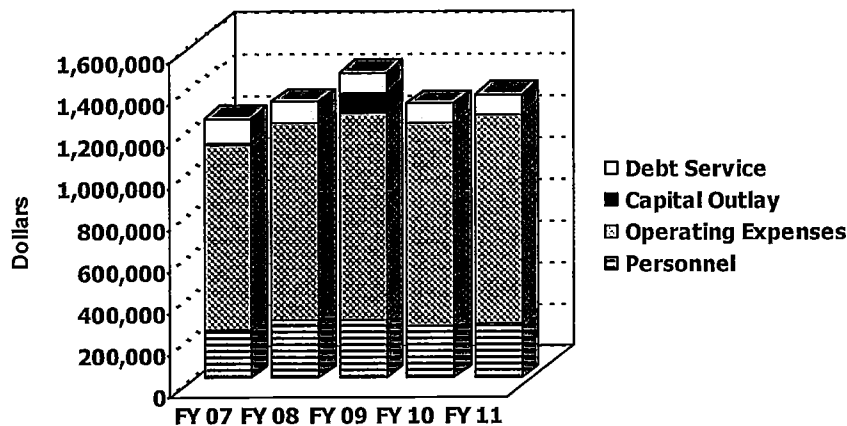
Highlights

- Debt Service includes the 7th year payment of a loan, financed over 15 years, for the new Eighth Street water tower.
- Funds have also been included for a share of the printing costs associated with the annual Water Quality Report.
- Funds are included for water testing in addition to testing required by the North Carolina Department of Environment and Natural Resources.
- Funds are included for the completion of the Water Master Plan update.

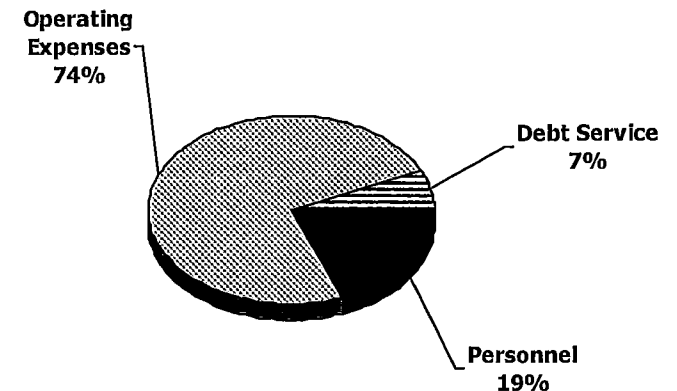
Expenditures by Function

	FY 2009-2010 Adopted	FY 2010-2011 Adopted	Percent Change
Personnel Services	\$ 247,275	\$ 260,426	5.32%
Operating Expenses	\$ 976,315	\$ 1,003,645	2.80%
Debt Service	\$ 93,874	\$ 93,874	0.00%
Total	\$ 1,317,464	\$ 1,357,945	3.07%

Adopted Expenditure History



Adopted FY 2010-2011 Expenditures by Function



TOWN OF NAGS HEAD
EXPENDITURE BUDGET FY 2010-2011

WATER FUND	FY 09/10 ADOPTED BUDGET	FY 09/10 AMENDED BUDGET	UNAUDITED YTD ACTUAL @ 6/30/10	FY 10/11 REQUESTED BUDGET	FY 10/11 RECOMMENDED BUDGET	FY 10/11 ADOPTED BUDGET
WATER OPERATIONS						
SALARIES						
810 510200 SALARIES/WAGES - REGULAR	166,365.00	169,692.00	167,366.14	169,702.00	169,702.00	173,002.00
810 510200 1 SALARIES/WAGES - REGULAR	.00	.00	.00	.00	.00	.00
810 510200 2 SALARIES/WAGES - REGULAR	.00	.00	.00	.00	.00	.00
810 510201 SALARIES - LONGEVITY PAY	4,406.00	4,494.00	4,493.39	5,297.00	5,297.00	5,297.00
810 510300 SALARIES/WAGES - PARTTIME	.00	.00	.00	.00	.00	.00
810 510400 OVERTIME PAY	2,000.00	2,000.00	1,286.54	2,000.00	2,000.00	2,000.00
810 510400 1 OVERTIME PAY	.00	.00	.00	.00	.00	.00
810 510400 2 OVERTIME PAY	.00	.00	.00	.00	.00	.00
810 510500 HOLIDAY PAY	4,800.00	4,800.00	2,271.44	4,800.00	4,800.00	4,800.00
810 510500 1 HOLIDAY PAY	.00	.00	.00	.00	.00	.00
810 510500 2 HOLIDAY PAY	.00	.00	.00	.00	.00	.00
TOTAL SALARIES	177,571.00	180,986.00	175,417.51	181,799.00	181,799.00	185,099.00
BENEFITS						
810 520600 FICA TAX	13,586.00	13,847.00	13,059.19	13,910.00	13,910.00	14,162.00
810 520600 1 FICA TAX	.00	.00	.00	.00	.00	.00
810 520600 2 FICA TAX	.00	.00	.00	.00	.00	.00
810 520700 GROUP HEALTH INSURANCE	36,516.00	36,516.00	35,488.57	40,579.00	38,241.00	39,389.00
810 520701 RETIREE'S GROUP HEALTH INSUR	5,605.00	5,605.00	5,751.96	6,240.00	5,616.00	8,022.00
810 520710 EMPLOYEE DENTAL	.00	.00	.00	.00	.00	.00
810 520720 EMPLOYEE LIFE	.00	.00	.00	.00	.00	.00
810 520800 RETIREMENT	8,668.00	8,835.00	8,817.64	11,691.00	11,691.00	11,903.00
810 520800 1 RETIREMENT	.00	.00	.00	.00	.00	.00
810 520800 2 RETIREMENT	.00	.00	.00	.00	.00	.00
810 521000 401 K	5,329.00	5,431.00	5,376.32	5,455.00	1,818.00	1,851.00
810 521000 1 401 K	.00	.00	.00	.00	.00	.00
810 521000 2 401 K	.00	.00	.00	.00	.00	.00
TOTAL BENEFITS	69,704.00	70,234.00	68,493.68	77,875.00	71,276.00	75,327.00
OPERATIONS						
810 522011 CAREER DEVELOPMENT OTHER COSTS	.00	.00	.00	.00	.00	.00
810 532000 TRAINING	750.00	475.00	9.70	915.00	915.00	915.00
810 532002 SAFETY TRAINING	.00	.00	.00	.00	.00	.00
810 532100 BUILDING/EQUIPMENT RENTAL	1,260.00	1,260.00	670.46	1,260.00	1,260.00	1,260.00
810 532100 1 BUILDING/EQUIPMENT RENTAL	.00	.00	.00	.00	.00	.00

TOWN OF NAGS HEAD
EXPENDITURE BUDGET FY 2010-2011

WATER FUND		FY 09/10 ADOPTED BUDGET	FY 09/10 AMENDED BUDGET	UNAUDITED YTD ACTUAL @ 6/30/10	FY 10/11 REQUESTED BUDGET	FY 10/11 RECOMMENDED BUDGET	FY 10/11 ADOPTED BUDGET
810	532100 2 BUILDING/EQUIPMENT RENTAL	.00	.00	.00	.00	.00	.00
810	532200 TELEPHONE	5,604.00	5,604.00	4,655.14	5,604.00	5,604.00	5,604.00
810	532200 1 TELEPHONE	.00	.00	.00	.00	.00	.00
810	532200 2 TELEPHONE	.00	.00	.00	.00	.00	.00
810	532300 UTILITIES	48,085.00	43,785.00	43,970.82	49,397.00	45,000.00	45,000.00
810	532400 TRAVEL	1,000.00	1,875.00	1,444.87	1,800.00	1,800.00	1,800.00
810	532500 POSTAGE	3,200.00	3,200.00	1,549.54	2,700.00	2,700.00	2,700.00
810	532600 ADVERTISING	260.00	260.00	.00	260.00	260.00	260.00
810	532700 PRINTING	2,839.00	2,839.00	2,489.00	2,893.00	2,893.00	2,893.00
810	543100 FUEL COSTS	5,112.00	5,112.00	5,127.98	5,304.00	5,304.00	5,304.00
810	543300 DEPARTMENT SUPPLIES	30,000.00	25,410.00	22,176.80	28,565.00	17,000.00	17,000.00
810	543300 1 DEPARTMENT SUPPLIES	.00	.00	.00	.00	.00	.00
810	543300 2 DEPARTMENT SUPPLIES	.00	.00	.00	.00	.00	.00
810	543400 OTHER SUPPLIES	6,000.00	3,000.00	1,905.00	4,675.00	4,675.00	4,675.00
810	543400 1 OTHER SUPPLIES	.00	.00	.00	.00	.00	.00
810	543400 2 OTHER SUPPLIES	.00	.00	.00	.00	.00	.00
810	543405 OTHER SUPPLIES - COMPUTER	.00	.00	.00	1,700.00	.00	.00
810	543500 MAINT/REPAIR BUILDINGS	5,000.00	.00	.00	20,000.00	2,000.00	2,000.00
810	543500 1 MAINT/REPAIR BUILDINGS	.00	.00	.00	.00	.00	.00
810	543500 2 MAINT/REPAIR BUILDINGS	.00	.00	.00	.00	.00	.00
810	543600 MAINT/REPAIR EQUIPMENT	18,000.00	34,910.00	30,515.97	30,500.00	16,500.00	16,500.00
810	543600 1 MAINT/REPAIR EQUIPMENT	.00	.00	.00	.00	.00	.00
810	543600 2 MAINT/REPAIR EQUIPMENT	.00	.00	.00	.00	.00	.00
810	543700 MAINT/REPAIR VEHICLES	1,400.00	1,400.00	991.10	1,400.00	1,400.00	1,400.00
810	543700 1 MAINT/REPAIR VEHICLES	.00	.00	.00	.00	.00	.00
810	543700 2 MAINT/REPAIR VEHICLES	.00	.00	.00	.00	.00	.00
810	543701 VEHICLE REPAIRS	.00	.00	.00	.00	.00	.00
810	543900 UNIFORMS	1,875.00	1,875.00	1,282.46	1,500.00	1,500.00	1,500.00
810	544000 PROFESSIONAL FEES	34,480.00	34,480.00	16,732.05	25,720.00	19,600.00	19,600.00
810	544500 CONTRACTED SERVICES	10,285.00	10,285.00	8,373.30	13,285.00	9,285.00	9,285.00
810	544500 1 CONTRACTED SERVICES	.00	.00	.00	.00	.00	.00
810	544500 2 CONTRACTED SERVICES	.00	.00	.00	.00	.00	.00
810	544800 PURCHASES FOR RESALE	750,000.00	882,000.00	882,504.62	816,314.00	816,314.00	816,314.00
810	555000 DEPRECIATION EXPENSE	.00	.00	273,966.21	.00	.00	.00
810	555300 DUES AND SUBSCRIPTIONS	3,808.00	3,808.00	2,230.00	2,278.00	2,278.00	2,278.00
810	555400 INSURANCE	47,357.00	47,357.00	38,828.81	47,357.00	47,357.00	47,357.00
810	555400 1 INSURANCE	.00	.00	.00	.00	.00	.00
810	555400 2 INSURANCE	.00	.00	.00	.00	.00	.00
810	569900 COST REIMBURSEMENT	.00	190,077.00	190,077.00	.00	.00	.00
810	577433 CAPITAL OUTLAY BUDGETARY	.00	.00	.00	.00	.00	.00
TOTAL OPERATIONS		976,315.00	1,299,012.00	1,529,500.83	1,063,427.00	1,003,645.00	1,003,645.00
CAPITAL OUTLAY							
810	577200 CAPITAL OUTLAY BUILDINGS	.00	.00	.00	.00	.00	.00

TOWN OF NAGS HEAD
EXPENDITURE BUDGET FY 2010-2011

WATER FUND	FY 09/10 ADOPTED BUDGET	FY 09/10 AMENDED BUDGET	UNAUDITED YTD ACTUAL @ 6/30/10	FY 10/11 REQUESTED BUDGET	FY 10/11 RECOMMENDED BUDGET	FY 10/11 ADOPTED BUDGET
810 577300 CAPITAL OUTLAY OTHER	.00	.00	.00	.00	.00	.00
810 577400 CAPITAL OUTLAY EQUIPMENT	.00	.00	.00	.00	.00	.00
TOTAL CAPITAL OUTLAY	.00	.00	.00	.00	.00	.00
DEBT SERVICE						
810 578100 L/P PRINCIPAL	64,340.00	64,340.00	64,761.30	66,817.00	66,817.00	66,817.00
810 578200 LEASE PURCHASE INTEREST	29,534.00	29,534.00	29,113.31	27,057.00	27,057.00	27,057.00
TOTAL DEBT SERVICE	93,874.00	93,874.00	93,874.61	93,874.00	93,874.00	93,874.00
TOTAL WATER OPERATIONS	1,317,464.00	1,644,106.00	1,867,286.63	1,416,975.00	1,350,594.00	1,357,945.00