

## ***Fresh Pond Division***

### **Division Overview**

The Water Operations staff is responsible for monitoring the levels and pressures of water service for the residents and visitors of the Town of Nags Head. Part of these responsibilities include operation of the Fresh Pond Water Treatment Plant, located at the north end of town on Pond Avenue. This water plant provides water for the Dare Regional Water System. Production from Fresh Pond usually runs from July and through September.



**Performance Measures and Workload Indicators**

	<u>FY 04-05</u> <u>Actual</u>	<u>FY 05-06</u> <u>Actual</u>	<u>FY 06-07</u> <u>Actual</u>
Water Sold to Dare County Regional System from Fresh Pond - Million Gallons	74.669	57.711	29.737
Total Days Operated	108	72	46
Total Revenue Generated	\$104,835.27	\$73,876.48	\$43,921.85
Number of state required bacteriological samples	180	180	180

**Fresh Pond Water Processed July 2007 to August 2007**

<b>Date</b>	<b>Million Gallons Processed</b>	<b>Chemical Cost 7/07 – 8/07</b>
Jul-07	25.122	\$31.804.27
Aug-07	20.180	
Sep-07	0	
Oct-07	0	
Nov-07	0	
<b>Total</b>	<b>45.302</b>	

Figures taken from actual FY-2007 expenditures

\*Fresh Pond shut down 8-28-06 due to finished water turbidity greater than .3 NTU  
Lake Level at 3.25' at shutdown

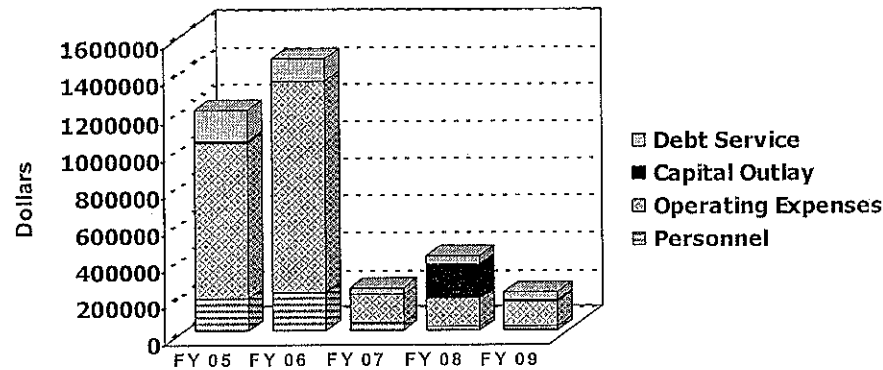
## Highlights

- Funds have also been included for a share of the printing costs associated with the annual Water Quality Report.
- Funds in the amount of \$17,780 are included for phase 1 of 3 for replacement of actuators.

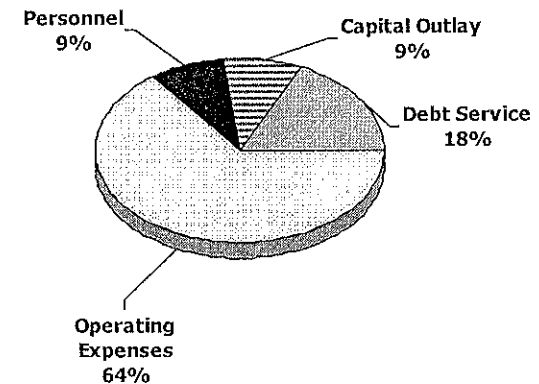
## Expenditures by Function

	FY 2007-2008 Adopted	FY 2008-2009 Adopted	Percent Change
Personnel Services	\$ 17,419	\$ 17,963	3.12%
Operating Expenses	\$ 153,653	\$ 133,830	-12.90%
Capital Outlay	\$ 190,000	\$ 17,780	-90.64%
Debt Service	\$ 42,766	\$ 37,208	-13.00%
<b>Total</b>	<b>\$ 403,838</b>	<b>\$ 206,781</b>	<b>-48.80%</b>

## Adopted Expenditure History



## Adopted FY 2008-2009 Expenditures by Function



TOWN OF NAGS HEAD  
RECOMMENDED BUDGET FY 2008-2009

WATER FUND	FY 07/08 ADOPTED BUDGET	FY 07/08 AMENDED BUDGET	UNAUDITED YTD ACTUAL @6/30/08	FY 08/09 REQUESTED BUDGET	FY 08/09 RECOMMENDED BUDGET	FY 08/09 ADOPTED BUDGET
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FRESH POND						
SALARIES						
812 510200 SALARIES/WAGES - REGULAR	11,528.00	16,332.00	16,244.59	12,094.00	12,094.00	12,094.00
812 510200 1 SALARIES/WAGES - REGULAR	.00	.00	.00	.00	.00	.00
812 510200 2 SALARIES/WAGES - REGULAR	.00	.00	.00	.00	.00	.00
812 510201 SALARIES - LONGEVITY PAY	260.00	368.00	368.94	273.00	335.00	335.00
812 510300 SALARIES/WAGES - PARTTIME	.00	.00	.00	.00	.00	.00
812 510400 OVERTIME PAY	188.00	267.00	62.83	187.00	187.00	187.00
812 510400 1 OVERTIME PAY	.00	.00	.00	.00	.00	.00
812 510400 2 OVERTIME PAY	.00	.00	.00	.00	.00	.00
812 510500 HOLIDAY PAY	274.00	388.00	377.35	327.00	327.00	327.00
812 510500 1 HOLIDAY PAY	.00	.00	.00	.00	.00	.00
812 510500 2 HOLIDAY PAY	.00	.00	.00	.00	.00	.00
TOTAL SALARIES	12,250.00	17,355.00	17,053.71	12,881.00	12,943.00	12,943.00
BENEFITS						
812 520600 FICA TAX	937.00	1,328.00	1,198.95	988.00	988.00	988.00
812 520600 1 FICA TAX	.00	.00	.00	.00	.00	.00
812 520600 2 FICA TAX	.00	.00	.00	.00	.00	.00
812 520700 GROUP HEALTH INSURANCE	3,268.00	4,630.00	3,541.52	3,454.00	3,017.00	3,017.00
812 520701 RETIREE'S GROUP HEALTH INSUR	.00	.00	.00	.00	.00	.00
812 520800 RETIREMENT	597.00	847.00	827.30	626.00	626.00	626.00
812 520800 1 RETIREMENT	.00	.00	.00	.00	.00	.00
812 520800 2 RETIREMENT	.00	.00	.00	.00	.00	.00
812 521000 401 K	367.00	521.00	509.65	389.00	389.00	389.00
812 521000 1 401 K	.00	.00	.00	.00	.00	.00
812 521000 2 401 K	.00	.00	.00	.00	.00	.00
TOTAL BENEFITS	5,169.00	7,326.00	6,077.42	5,457.00	5,020.00	5,020.00
OPERATIONS						
812 532000 TRAINING	710.00	710.00	204.89	710.00	710.00	710.00
812 532002 SAFETY TRAINING	.00	.00	.00	.00	.00	.00
812 532100 BUILDING/EQUIPMENT RENTAL	.00	.00	.00	.00	.00	.00
812 532100 1 BUILDING/EQUIPMENT RENTAL	.00	.00	.00	.00	.00	.00
812 532100 2 BUILDING/EQUIPMENT RENTAL	.00	.00	.00	.00	.00	.00
812 532200 TELEPHONE	252.00	252.00	92.21	252.00	252.00	252.00
812 532300 UTILITIES	4,150.00	4,150.00	1,595.57	3,670.00	3,670.00	3,670.00

TOWN OF NAGS HEAD  
RECOMMENDED BUDGET FY 2008-2009

WATER FUND	FY 07/08 ADOPTED BUDGET	FY 07/08 AMENDED BUDGET	UNAUDITED YTD ACTUAL @6/30/08	FY 08/09 REQUESTED BUDGET	FY 08/09 RECOMMENDED BUDGET	FY 08/09 ADOPTED BUDGET
812 532400 TRAVEL	2,047.00	2,047.00	1,446.87	2,047.00	2,047.00	2,047.00
812 532500 POSTAGE	325.00	825.00	425.35	675.00	675.00	675.00
812 532700 PRINTING	500.00	500.00	144.55	500.00	500.00	500.00
812 543100 FUEL COSTS	.00	.00	.00	.00	.00	.00
812 543300 DEPARTMENT SUPPLIES	6,080.00	12,379.00	11,490.08	4,700.00	4,700.00	4,700.00
812 543400 OTHER SUPPLIES	40,000.00	39,500.00	37,085.27	47,579.00	47,579.00	47,579.00
812 543400 1 OTHER SUPPLIES	.00	.00	.00	.00	.00	.00
812 543400 2 OTHER SUPPLIES	.00	.00	.00	.00	.00	.00
812 543500 MAINT/REPAIR BUILDINGS	7,000.00	8,975.00	8,113.47	8,000.00	8,000.00	8,000.00
812 543500 1 MAINT/REPAIR BUILDINGS	.00	.00	.00	.00	.00	.00
812 543500 2 MAINT/REPAIR BUILDINGS	.00	.00	.00	.00	.00	.00
812 543600 MAINT/REPAIR EQUIPMENT	9,000.00	17,400.00	15,319.32	45,765.00	9,000.00	9,000.00
812 543600 1 MAINT/REPAIR EQUIPMENT	.00	.00	.00	.00	.00	.00
812 543600 2 MAINT/REPAIR EQUIPMENT	.00	.00	.00	.00	.00	.00
812 544000 PROFESSIONAL FEES	30,250.00	43,357.00	16,107.93	25,950.00	18,950.00	18,950.00
812 544000 1 PROFESSIONAL FEES	.00	.00	.00	.00	.00	.00
812 544000 2 PROFESSIONAL FEES	.00	.00	.00	.00	.00	.00
812 544500 CONTRACTED SERVICES	41,960.00	26,960.00	26,457.37	20,960.00	20,960.00	20,960.00
812 544500 1 CONTRACTED SERVICES	.00	.00	.00	.00	.00	.00
812 544500 2 CONTRACTED SERVICES	.00	.00	.00	.00	.00	.00
812 555300 DUES AND SUBSCRIPTIONS	200.00	179.00	100.00	1,610.00	1,610.00	1,610.00
812 555400 INSURANCE	7,679.00	7,679.00	7,259.00	9,125.00	8,177.00	8,177.00
812 555400 1 INSURANCE	.00	.00	.00	.00	.00	.00
812 555400 2 INSURANCE	.00	.00	.00	.00	.00	.00
812 569900 COST REIMBURSEMENT	.00	101,932.00	101,932.00	.00	.00	.00
812 577433 CAPITAL OUTLAY BUDGETARY	3,500.00	6,101.00	6,100.00	10,500.00	7,000.00	7,000.00
<b>TOTAL OPERATIONS</b>	<b>153,653.00</b>	<b>272,946.00</b>	<b>233,873.88</b>	<b>182,043.00</b>	<b>133,830.00</b>	<b>133,830.00</b>
<b>CAPITAL OUTLAY</b>						
812 577300 CAPITAL OUTLAY OTHER	190,000.00	190,000.00	154,061.47	.00	.00	.00
812 577400 CAPITAL OUTLAY EQUIPMENT	.00	.00	.00	.00	17,780.00	17,780.00
<b>TOTAL CAPITAL OUTLAY</b>	<b>190,000.00</b>	<b>190,000.00</b>	<b>154,061.47</b>	<b>.00</b>	<b>17,780.00</b>	<b>17,780.00</b>
<b>DEBT SERVICE</b>						
812 578100 L/P PRINCIPAL	40,180.00	40,180.00	40,180.23	35,974.00	35,974.00	35,974.00
812 578200 LEASE PURCHASE INTEREST	2,586.00	2,586.00	2,566.86	1,234.00	1,234.00	1,234.00
812 578300 REGIONAL WATER SYSTEM COSTS	.00	.00	.00	.00	.00	.00
<b>TOTAL DEBT SERVICE</b>	<b>42,766.00</b>	<b>42,766.00</b>	<b>42,747.09</b>	<b>37,208.00</b>	<b>37,208.00</b>	<b>37,208.00</b>
<b>TOTAL FRESH POND</b>	<b>403,838.00</b>	<b>530,393.00</b>	<b>453,813.57</b>	<b>237,589.00</b>	<b>206,781.00</b>	<b>206,781.00</b>

TOWN OF NAGS HEAD  
PRIOR YEAR ACTUAL EXPENDITURES

	FY 01/02 ACTUAL	FY 02/03 ACTUAL	FY 03/04 ACTUAL	FY 04/05 ACTUAL	FY 05/06 ACTUAL	FY 06/07 ACTUAL
WATER FUND						
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FRESH POND						
SALARIES						
812 510200 SALARIES/WAGES - REGULAR	7,675.66	6,498.21	16,315.53	23,487.36	17,144.01	11,648.58
812 510200 1 SALARIES/WAGES - REGULAR	.00	.00	.00	.00	.00	.00
812 510200 2 SALARIES/WAGES - REGULAR	.00	.00	.00	.00	.00	.00
812 510201 SALARIES - LONGEVITY PAY	.00	.00	.00	553.91	399.84	256.85
812 510300 SALARIES/WAGES - PARTTIME	.00	.00	.00	603.80	.00	.00
812 510400 OVERTIME PAY	19.61	26.39	31.42	170.38	119.56	47.91
812 510400 1 OVERTIME PAY	.00	.00	.00	.00	.00	.00
812 510400 2 OVERTIME PAY	.00	.00	.00	.00	.00	.00
812 510500 HOLIDAY PAY	252.15	271.04	501.85	795.10	412.51	250.72
812 510500 1 HOLIDAY PAY	.00	.00	.00	.00	.00	.00
812 510500 2 HOLIDAY PAY	.00	.00	.00	.00	.00	.00
TOTAL SALARIES	7,947.42	6,795.64	16,848.80	25,610.55	18,075.92	12,204.06
BENEFITS						
812 520600 FICA TAX	572.70	492.70	1,193.93	1,778.61	1,298.00	846.74
812 520600 1 FICA TAX	.00	.00	.00	.00	.00	.00
812 520600 2 FICA TAX	.00	.00	.00	.00	.00	.00
812 520700 GROUP HEALTH INSURANCE	1,813.45	1,693.98	4,150.29	6,874.96	4,574.47	2,495.41
812 520701 RETIREE'S GROUP HEALTH INSUR	.00	.00	.00	.00	.00	.00
812 520800 RETIREMENT	390.76	340.28	822.89	1,218.59	893.18	583.84
812 520800 1 RETIREMENT	.00	.00	.00	.00	.00	.00
812 520800 2 RETIREMENT	.00	.00	.00	.00	.00	.00
812 521000 401 K	238.27	207.68	502.76	744.73	547.96	358.94
812 521000 1 401 K	.00	.00	.00	.00	.00	.00
812 521000 2 401 K	.00	.00	.00	.00	.00	.00
TOTAL BENEFITS	3,015.18	2,734.64	6,669.87	10,616.89	7,313.61	4,284.93
OPERATIONS						
812 532000 TRAINING	.00	.00	.00	445.00	50.00	655.00
812 532002 SAFETY TRAINING	.00	.00	.00	.00	.00	.00
812 532100 BUILDING/EQUIPMENT RENTAL	.00	.00	.00	.00	.00	.00
812 532100 1 BUILDING/EQUIPMENT RENTAL	.00	.00	.00	.00	.00	.00
812 532100 2 BUILDING/EQUIPMENT RENTAL	.00	.00	.00	.00	.00	.00
812 532200 TELEPHONE	227.03	181.08	108.06	228.04	91.96	90.75
812 532300 UTILITIES	1,731.37	1,218.19	1,225.06	3,973.02	4,283.61	2,949.05

TOWN OF NAGS HEAD  
PRIOR YEAR ACTUAL EXPENDITURES

	FY 01/02 ACTUAL	FY 02/03 ACTUAL	FY 03/04 ACTUAL	FY 04/05 ACTUAL	FY 05/06 ACTUAL	FY 06/07 ACTUAL
<b>WATER FUND</b>						
812 532400 TRAVEL	.00	.00	.00	611.70	196.02	1,853.06
812 532500 POSTAGE	188.11	77.28	31.12	184.40	193.45	123.28
812 532700 PRINTING	.00	.00	.00	268.39	289.50	127.26
812 543100 FUEL COSTS	.00	.00	.00	.00	.00	-6.54
812 543300 DEPARTMENT SUPPLIES	849.47	484.32	1,431.69	2,671.31	4,598.49	5,154.40
812 543400 OTHER SUPPLIES	13,681.68	22,780.07	22,054.31	27,083.11	44,698.07	28,997.36
812 543400 1 OTHER SUPPLIES	.00	.00	.00	.00	.00	.00
812 543400 2 OTHER SUPPLIES	.00	.00	.00	.00	.00	.00
812 543500 MAINT/REPAIR BUILDINGS	225.21	6.58	502.55	249.01	302.83	5,497.42
812 543500 1 MAINT/REPAIR BUILDINGS	.00	.00	.00	.00	.00	.00
812 543500 2 MAINT/REPAIR BUILDINGS	.00	.00	.00	.00	.00	.00
812 543600 MAINT/REPAIR EQUIPMENT	2,675.01	4,125.28	23,122.93	10,714.02	38,256.84	17,916.16
812 543600 1 MAINT/REPAIR EQUIPMENT	.00	.00	.00	.00	.00	.00
812 543600 2 MAINT/REPAIR EQUIPMENT	.00	.00	.00	.00	.00	.00
812 544000 PROFESSIONAL FEES	445.00	8,643.00	4,586.00	5,844.00	13,090.22	75,527.86
812 544000 1 PROFESSIONAL FEES	.00	.00	.00	.00	.00	.00
812 544000 2 PROFESSIONAL FEES	.00	.00	.00	.00	.00	.00
812 544500 CONTRACTED SERVICES	4,474.39	4,984.21	5,461.13	34,914.27	3,825.00	6,219.00
812 544500 1 CONTRACTED SERVICES	.00	.00	.00	.00	.00	.00
812 544500 2 CONTRACTED SERVICES	.00	.00	.00	.00	.00	.00
812 555300 DUES AND SUBSCRIPTIONS	.00	.00	.00	.00	.00	.00
812 555400 INSURANCE	6,223.00	7,437.00	7,123.00	6,788.00	6,191.00	6,376.00
812 555400 1 INSURANCE	.00	.00	.00	.00	.00	.00
812 555400 2 INSURANCE	.00	.00	.00	.00	.00	.00
812 569900 COST REIMBURSEMENT	29,879.00	29,879.00	73,883.00	128,774.00	88,858.00	101,453.00
812 577433 CAPITAL OUTLAY BUDGETARY	.00	.00	.00	5,566.20	7,650.00	2,846.70
<b>TOTAL OPERATIONS</b>	<b>60,599.27</b>	<b>79,816.01</b>	<b>139,528.85</b>	<b>228,314.47</b>	<b>212,574.99</b>	<b>255,779.76</b>
<b>CAPITAL OUTLAY</b>						
812 577300 CAPITAL OUTLAY OTHER	.00	.00	18,000.00	.00	.00	272,669.50
812 577400 CAPITAL OUTLAY EQUIPMENT	1,725.00	15,905.00	.00	178,380.00	21,672.50	.00
<b>TOTAL CAPITAL OUTLAY</b>	<b>1,725.00</b>	<b>15,905.00</b>	<b>18,000.00</b>	<b>178,380.00</b>	<b>21,672.50</b>	<b>272,669.50</b>
<b>DEBT SERVICE</b>						
812 578100 L/P PRINCIPAL	6,048.73	5,705.94	11,433.41	42,157.52	37,607.65	38,872.61
812 578200 LEASE PURCHASE INTEREST	.00	342.79	173.89	608.33	5,158.19	3,893.23
812 578300 REGIONAL WATER SYSTEM COSTS	.00	.00	.00	.00	.00	.00
<b>TOTAL DEBT SERVICE</b>	<b>6,048.73</b>	<b>6,048.73</b>	<b>11,607.30</b>	<b>42,765.85</b>	<b>42,765.84</b>	<b>42,765.84</b>
<b>TOTAL FRESH POND</b>	<b>79,335.60</b>	<b>111,300.02</b>	<b>192,654.82</b>	<b>485,687.76</b>	<b>302,402.86</b>	<b>587,704.09</b>

TOWN OF NAGS HEAD  
 Adopted BUDGET REQUESTS

BUDGET PROJECTION 2009    FY 2008-2009 BUDGET PROJECTION

ORG	OBJECT PROJ	ACCOUNT DESCRIPTION	CURRENT ADJ BUDGET	PROJECTED ACTUAL	Adopted	PERCENT CHANGE
812	577433	CAPITAL OUTLAY BUDGETARY	7,000.00	3,500.00	7,000.00	.00
	630 -6-812-5774-33-	REPLACEMENT OF RAW WATER TURBIDIMETER AND 2 FILTER TURBIDIMETERS				
		HACH NO LONGER MAKES PARTS FOR THE REPAIR AND MAINTENCE FOR THE 1720 C				
		RAW WATER AND 2 FILTER TURBIDIMETERS TO INSURE FOR COMPLIANCE (ONLY 1 FILTER TURBIDIMETER IN RECOMM)	2.00	3,500.00	7,000.00	
		RAW WATER METER TO MONITOR FOR THE LT2 SWR.FILTER TURBID MONITOR THE PERFORMANCE OF EACH FILTER				



TOWN OF NAGS HEAD  
 Adopted BUDGET REQUESTS

BUDGET PROJECTION 2009    FY 2008-2009 BUDGET PROJECTION

ORG	OBJECT PROJ	ACCOUNT DESCRIPTION	CURRENT ADJ BUDGET	PROJECTED ACTUAL	Adopted	PERCENT CHANGE
812	577400	CAPITAL OUTLAY EQUIPMENT	17,780.00	.00	17,780.00	.00
	630 -6-812-5774-00-	FRESH POND COST OF SCADA INSTALLATION				
		PHASE 1 OF 3 FOR REPLACEMENT OF	1.00	17,780.00	17,780.00	
		ACTUATORS AT FRESH POND				