

WATER TREATMENT PLANT ACCT. 02-5050

The Town of Rocky Mount operates a 2.0 MGD water treatment facility located approximately 2 miles north of the corporate limits off U.S. Route 220. Constructed in 1983, the plant draws raw water from the Blackwater River. The facility and its treatment process comply with Virginia Health Department (VDH) and Department of Environmental Quality (DEQ) and rated as a Class II plant. The facility is a conventional treatment filtration plant utilizing chemical addition with flash mix and three flocculation basins, two sedimentation basins, two sand filters, 250,000 gallon clear well and finished water pumps. Five (5) full-time operators are employed, supervised by the Water Treatment Plant Superintendent who holds a Class I license.

The Town has addressed several capital needs over the past 4 years needed to maintain the water treatment plant and to meet VDH requirements. The plant continues to operate on a VDH permit and quality standards that require less than 24 hour operation to hold down personnel and operating costs. In 2004, Town Council commissioned Draper Aden Consulting Engineers to perform a comprehensive structural and operational analysis of the water plant. The study recommended repairs and improvements needed in the total amount of \$276,000 at that time. In the capital improvement plan, the remaining costs were spread out over the next 4 years, with improvements made based on priority and available funds. These improvements to the plant are nearing completion.

The Water Treatment Plant is expected to incur a near zero increase in its production level for this fiscal year. Decreased industrial production has occurred to a small degree due to the economic downturn and other conservation methods.

Budget Detail:

1001 – Wages Full Time – Staff currently includes three (3) operators classified as Operator I, one (1) as an Operator II, two (2) as an Operator IV.

3000 - Contractual Services - For instrumentation, elevator and HVAC maintenance agreements, and for monthly sample testing at State labs.

3300 - Repairs and Maintenance – For miscellaneous repairs and emergency needs.

6014 - Chemicals - For chlorine, fluoride, alum, and other chemicals needed to treat raw water for distribution.

New Needs/Requests:

No specific special request for FY 2010.

5050 WATER TREATMENT PLANT

	FY 04 Actual	FY 05 Actual	FY 06 Actual	FY 07 Actual	FY 08 Actual	FY 09 Budget	FY 09 Estimated	FY 10 Proposed	Increase/ (Decrease)
1001 Wages - Full Time	160,498	165,040	161,741	186,225	215,617	215,246	153,362	218,426	3,180
1003 Wages - Overtime	34	707	11,603	14,069	7,903	0	10,855	5,000	5,000
2001 FICA	11,855	12,674	14,674	15,221	18,958	16,466	11,350	17,092	626
2002 Retirement/Life Insurance	27,099	28,654	32,441	31,225	45,154	37,883	37,300	38,443	560
2003 Deferred Comp Match	0	0	0	0	0	0	0	0	0
2005 Medical/Dental Insurance	31,548	28,046	28,764	33,882	45,972	50,903	45,972	47,644	(3,259)
2011 Workers' Compensation Insurance	6,482	11,398	9,943	9,908	6,227	5,510	7,131	7,270	1,760
3000 Contractual Services	31,260	54,525	12,535	20,082	14,022	35,000	21,172	31,353	(3,647)
3300 Repairs & Maintenance	5,590	3,324	9,518	5,245	6,969	8,000	21,417	8,000	0
3600 Advertising	0	1,025	457	0	0	500	394	0	(500)
3700 Printing & Binding	681	626	486	550	650	600	670	690	90
3800 Postage & Delivery Services	1,761	1,882	3,511	1,729	2,094	2,200	3,368	3,425	1,225
4400 Permits, Licenses & Fees	11,615	6,743	7,295	8,135	7,835	8,350	8,255	8,300	(50)
5100 Utilities	42,273	40,608	49,345	66,052	55,255	50,000	60,386	55,000	5,000
5150 Heating Fuel	0	3,665	5,462	4,818	6,168	7,200	4,143	6,600	(600)
5155 Motor Fuel	1,138	1,407	1,989	1,559	1,878	2,000	2,126	2,300	300
5157 Motor Vehicle Expenses	359	429	486	131	96	1,000	789	850	(150)
5158 Small Equipment Expense	0	0	0	8	250	0	54	75	75
5200 Communications	10,536	11,737	10,510	12,941	3,190	5,000	2,314	2,450	(2,550)
5445 Uniforms	2,106	2,966	2,730	3,797	4,136	4,357	4,510	4,858	501
5500 Travel & Training	(188)	2,047	1,398	4,099	1,898	2,000	3,739	3,800	1,800
5800 Miscellaneous	61	280	612	24	0	250	94	250	0
6001 Office Supplies	355	301	292	263	518	300	430	400	100
6003 Agricultural Supplies	143	54	84	0	56	130	331	150	20
6004 Laboratory Supplies	1,858	2,131	2,475	2,554	1,833	2,500	4,764	5,000	2,500
6005 Janitorial Supplies	530	359	482	731	649	600	833	725	125
6009 Materials and Supplies	464	0	183	600	0	0	14,233	5,000	5,000
6014 Chemicals & Materials	36,555	45,447	50,450	55,693	62,209	55,000	50,970	50,000	(5,000)
7000 Capital Outlays	9,625	2,872	49,827	884	967	16,500	26,649	5,000	(11,500)
7002 Furniture & Fixtures	0	0	0	0	308	0	800	0	0
7003 Data Processing Equipment	250	1,439	1,026	0	0	0	0	0	0
7004 Machinery & Equipment	250	0	0	0	0	0	850	0	0
7006 Motor Vehicles & Equipment	0	0	0	0	0	0	0	0	0
TOTAL	394,739	430,386	470,318	480,424	510,812	527,495	499,063	528,101	606

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