

Department of Operations – Budget FY 2010

Overview

The Department of Operations is responsible for the continuous operation of the WSA's water and wastewater facilities and their associated infrastructure. The Department of Operations is also contracted to operate and maintain the Vint Hill water system (EDA) and the Mary Walters and H. M. Pearson elementary school wastewater systems, both of which are owned by the County. Further, the Department of Operations performs monthly meter reading in support of customer billing, responds to service calls when customers initiate or discontinue service, detect leaks, have water quality issues or other needs.

There are two departments within the Department of Operations, the Waterworks Department and the Wastewater Department (three WWTP's - Marshall, Remington and Vint Hill). The Department of Operations has a total of 18 positions, consisting of (6) Waterworks Operators, (2) Meter Readers, and (10) Wastewater Operators.

Principal Expenditures

The proposed FY 2010 budget for the Department of Operations is \$2,289,654. This represents a \$107,571 (4.9%) increase from the department's FY 2009 adjusted budget.

The majority of the increase to the overall budget stems from cost increases associated with three main line items, chemicals, fuel and utilities associated with the WSA's Water and Wastewater Systems daily operations. Cost increases within these line items are due to a combination of increased regulatory treatment requirements and significant increases in the market price for commodities.

Department of Maintenance & Construction-Budget FY 2010

Overview

There are two divisions within this department: Maintenance Division consists of one Maintenance Supervisor, four Maintenance Mechanics and one Line Locator; the Construction Division consists of one Supervisor and three Mechanics.

The Department of Maintenance and Construction is responsible for maintaining all of the WSA's water and wastewater facilities and their infrastructures so as to allow continually uninterrupted operation. The Maintenance Department is responsible for all water and sewer repairs throughout the county that are required on any portion of the WSA infrastructure. The Maintenance department has a twenty-four hour on-call service for emergency repairs. The Maintenance department also includes a Line Locator who locates all of WSA's utilities in accordance with Miss Utility requirements. The Construction Division is responsible for constructing certain upgrade and expansion projects on the Authority's Water and Sewer as to better serve the WSA customer and the Authority.

Principle Expenditures

The proposed FY 2010 budget for the Maintenance Department is \$844,237. This represents a \$4,172 decrease from the department's FY 2009 budget. (-0.5%)

The majority of the increase to the department budget stems from the increasing cost of maintenance services. This is off set by reduction in the fuel expense. Although, the maintenance service is a major cost, some of the jobs will be moved to in-house work and not contracted out, such as the mowing of well lots, paving and maintenance on the generators. The fuel expense is based on historical experience and on the estimated number of gallons to be used, and an average price per gallon (\$2.50p/g) for fuel.

The Construction Division budget comes from the individual project budgets for those CIP and R&R projects slated for in house construction.

FAUQUIER COUNTY WATER & SANITATION AUTHORITY
Operation & Maintenance
FY 2010 Approved Budget

OPERATING EXPENSES	FY 2007 ACTUAL	FY 2008 ACTUAL	FY 2009 AMENDED	WATER FY 2010	SEWER FY 2010	MAINT. FY 2010	TOTAL FY 2010
Analtical Service	96,801	105,692	110,710	14,620	108,655	-	123,275
Construction	17,333	5,679	12,677	-	530	11,246	11,776
Electrical Service	26,781	24,583	25,000	3,180	8,692	11,246	23,118
Mechanical Services	9,431	3,000	6,133	-	3,060	1,125	4,185
Maintenance Services	239,361	287,845	208,897	20,338	14,557	154,957	189,852
Refuse Services	7,280	10,393	10,690	-	11,330	-	11,330
Miscellaneous Services	22,852	2,968	1,273	-	795	900	1,695
Sludge Disposal	63,337	55,397	65,746	-	69,692	-	69,692
Uniforms	7,474	6,894	8,046	2,968	3,736	2,597	9,301
Water hauling	-	11,590	-	2,000	-	-	2,000
Training	12,414	10,852	9,393	1,350	6,307	2,475	10,132
Chemicals	116,127	96,331	137,356	52,500	84,251	12,875	149,626
Cleaning Supplies	7,304	4,117	4,611	530	3,191	1,686	5,407
Construction Supplies	12,231	13,499	10,924	500	3,000	3,374	6,874
Electrical Supplies	26,232	11,766	16,814	795	7,638	3,374	11,807
Fuel	82,277	91,189	87,596	31,800	15,635	42,565	90,000
Hardware	48,972	10,565	15,100	1,060	1,961	12,370	15,391
Lab Supplies	10,006	8,204	8,205	4,323	7,972	-	12,295
Misc. Material & Supplies	2,141	1,767	1,788	500	790	561	1,851
Safety & Traffic Control Equip	10,966	11,013	10,987	1,590	4,511	4,718	10,819
Oils & Grease	663	360	1,922	106	1,096	675	1,877
Paint	2,974	1,336	2,944	265	2,006	1,686	3,957
Paper Produces	824	1,748	5,568	265	2,438	3,374	6,077
Pipes & Plumbing	47,476	46,781	44,425	6,747	6,081	24,935	37,763
Rental Equip	3,543	1,055	5,752	212	2,443	3,374	6,029
Tools	4,657	11,406	14,102	750	2,060	1,000	3,810
Utilities	336,672	386,472	430,000	166,832	288,988	-	455,820
Water Meters	1,950	3,337	10,000	18,847	-	-	18,847
Capital >\$3500		23,809	23,436	3,922	-	6,413	10,335
Total Operations & Maintenance	1,218,079	1,249,648	1,290,094	336,000	661,415	307,527	1,304,942

FAUQUIER COUNTY WATER & SANITATION AUTHORITY

**Water Department
FY 2010**

	2006	ACTUAL 2007	2008	Adjusted 2009	Approved 2010	PCT. Change
Personnel	216,271	256,379	377,371	365,470	367,625	0.59%
Benefits	N/A	N/A	142,700	149,668	153,313	2.43%
Operation	190,275	268,854	331,064	271,332	307,854	13.46%
Capital	12,749	15,498	18,871	22,765	28,146	23.64%
	<u>419,295</u>	<u>540,731</u>	<u>870,006</u>	<u>809,236</u>	<u>856,937</u>	<u>5.89%</u>

FAUQUIER COUNTY WATER & SANITATION AUTHORITY

**Remington WWTP
FY 2010**

	ACTUAL			Adjusted 2009	Approved 2010	PCT. Change
	2006	2007	2008			
Personnel	161,820	190,653	218,979	221,509	228,683	3.2%
Benefits	N/A	N/A	86,137	95,970	99,311	3.5%
Operation	267,810	327,899	295,082	308,351	355,008	15.1%
Capital	12,605	7,868	16,568	19,126	8,393	-56.1%
	<u>442,235</u>	<u>526,420</u>	<u>616,766</u>	<u>644,956</u>	<u>691,394</u>	<u>7.2%</u>

**Marshall WWTP
FY 2010**

	ACTUAL			Adjusted 2009	Approved 2010	PCT. Change
	2006	2007	2008			
Personnel	123,783	149,809	166,037	167,245	152,941	-8.6%
Benefits	N/A	N/A	47,457	51,845	50,074	-3.4%
Operation	79,099	84,228	92,039	101,984	113,957	11.7%
Capital	2,970	3,342	12,658	8,409	3,465	-58.8%
	<u>205,852</u>	<u>237,379</u>	<u>318,191</u>	<u>329,484</u>	<u>320,437</u>	<u>-2.7%</u>

**Vint Hill WWTP
FY 2010**

	ACTUAL			Adjusted 2009	Approved 2010	PCT. Change
	2006	2007	2008			
Personnel	116,303	148,811	173,971	203,106	168,659	-17.0%
Benefits	N/A	N/A	62,324	84,096	71,635	-14.8%
Operation	82,693	115,843	166,244	138,343	177,355	28.2%
Capital	2,912	2,040	4,460	3,000	3,237	7.9%
	<u>201,908</u>	<u>266,694</u>	<u>406,999</u>	<u>428,545</u>	<u>420,886</u>	<u>-1.8%</u>

FAUAQUIER COUNTY WATER & SANITATION AUTHORITY

**Maintenance Department
FY 2010**

	ACTUAL		2008	Adjusted 2009	Approved 2010	PCT. Change
	2006	2007				
Personnel	241,255	366,785	376,375	375,937	381,439	1.5%
Benefits	N/A	N/A	144,024	151,508	155,272	2.5%
Operation	188,774	279,262	271,027	317,351	267,086	-15.8%
Capital	26,841	46,828	45,230	56,402	40,440	-28.3%
	456,870	692,875	836,656	901,198	844,237	-6.3%