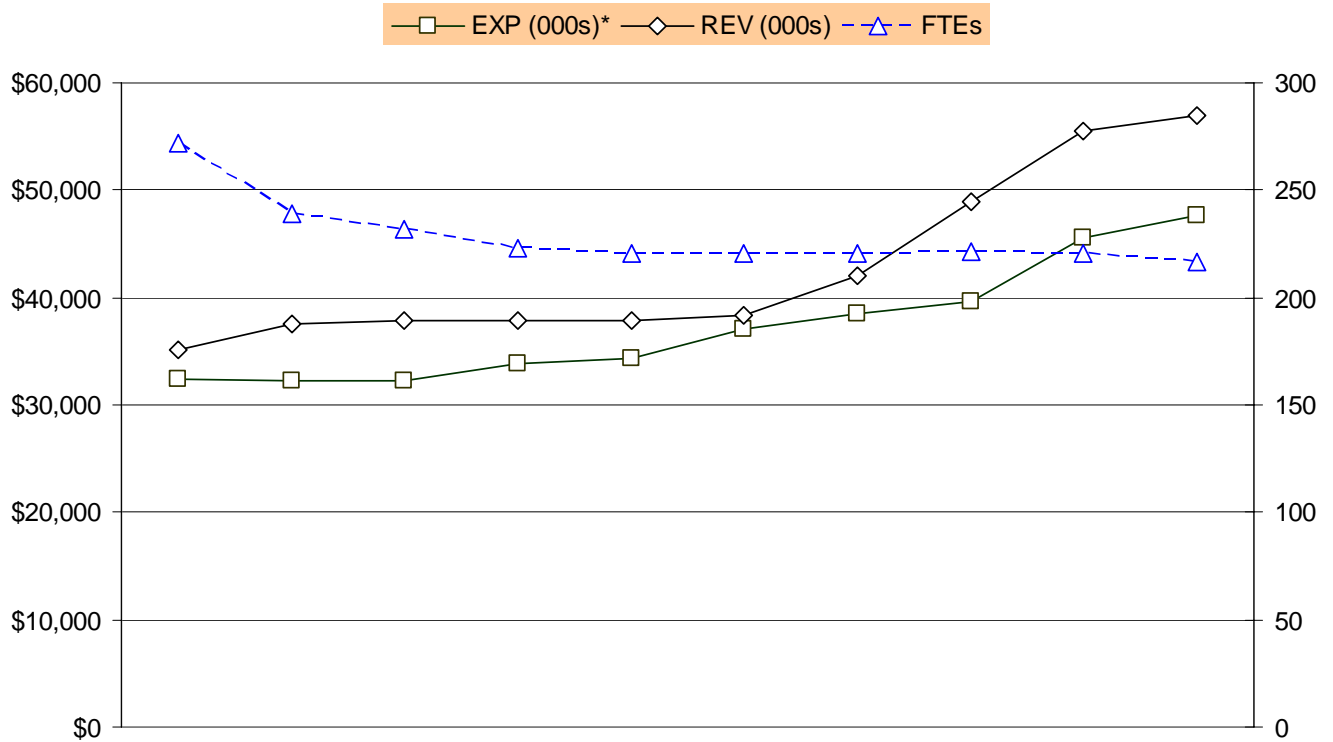


**UTILITIES FUND
TEN-YEAR HISTORY**

EXPENDITURE, REVENUE, NET TAX SUPPORT AND FULL-TIME EQUIVALENT TRENDS



	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	ADOPTED FY 2006	PROPOSED FY 2007
EXP (000s)*	\$32,471	\$32,317	\$32,259	\$33,930	\$34,361	\$37,020	\$38,533	\$39,601	\$45,624	\$47,715
REV (000s)	\$35,209	\$37,535	\$37,917	\$37,793	\$37,861	\$38,281	\$42,038	\$48,943	\$55,570	\$57,031
FTEs	272.2	239.2	231.7	222.7	220.7	220.7	220.7	221.7	220.7	216.7

*Does not include transfers to fund Pay-As-You Go Capital improvements.

Fiscal Year	Description	FTEs
FY 1998	<ul style="list-style-type: none"> ▪ Water/sewer charge remains the same (\$4.19). ▪ The hook-up fee increased by nine percent effective July 1, 1997. 	
DES	<ul style="list-style-type: none"> ▪ Continued to freeze 0.5 FTE Meter Reader position in the Utilities Services Office. ▪ WPCP eliminated 9 FTEs frozen in FY 1997 and froze 19.0 new FTEs as redesign continues to be implemented. ▪ Mid-year change in the solids handling process from incineration to land application increases operating costs by \$728,799. ▪ New dewatering process starts mid-year increasing operating costs by \$233,847. 	(9.0)
DPW	<ul style="list-style-type: none"> ▪ Substantial development and implementation of a Geographic Information System improves service delivery. ▪ Substantial decrease in the cost of Dalecarlia Water Treatment Plan capital due to Federal legislation that authorized U. S. Treasury borrowing for capital improvements of the Aqueduct. ▪ Moved budget for Dalecarlia capital costs to the Debt Service and Other Account. 	
FY 1999	<ul style="list-style-type: none"> ▪ Water/Sewer charge remains the same (\$4.19). 	
DES	<ul style="list-style-type: none"> ▪ Intra-County water/sewer charges for County agencies are included in the Utilities Services Office budget. ▪ Continued to freeze 0.5 FTE Meter Reader position in the Utilities Services Office. ▪ Eliminated 28.0 FTEs at the WPCP, including 19.0 FTEs frozen in FY 1998, and reduced overtime as the redesign plan is implemented. ▪ First full year of using land application as the solids disposal process; the incinerator has been shut down. ▪ Increased Household Hazardous Waste budget \$35,000, from \$85,000 to \$120,000, to permanently fund the increased citizen participation in this program. 	(28.0)
DPW	<ul style="list-style-type: none"> ▪ Eliminated a Trades Operations Supervisor V position (1.0 FTE) from the Sewer Operations Program as a result of efficiencies gained by combining the storm sewer and sanitary crews. ▪ Eliminated an Electrician position (1.0 FTE) from the Water Operations Program as a result of switching electrical repair to the Water Pollution Control Plant. ▪ Eliminated a Trades Program Supervisor II position (1.0 FTE) from the Water Operations Program in an effort to flatten the organization and reduce overhead and administrative costs. ▪ Eliminated a Trades Worker II position (1.0 FTE) from the Water Operations Program by implementation of the Jail Industries Program to perform grounds maintenance and snow removal from pumping stations. ▪ Eliminated a Trades Operations Supervisor IV position (1.0 FTE) from the Water Operations Program in an effort to flatten the organization and 	(1.0) (1.0) (1.0) (1.0)

Fiscal Year	Description	FTEs
	<ul style="list-style-type: none"> reduce overhead and administrative costs. ▪ Reallocated one (1.0 FTE) from Water Systems Operations to provide the basic resources needed to establish and maintain the water and sewer Geographic Information System (GIS) map layers. ▪ The Valve Inspection Program has been increased by restructuring staff assignments. ▪ The fire hydrant painting was initiated for color-coding of fire hydrants based on water pressure tests. 	
FY 2000	<ul style="list-style-type: none"> ▪ Maintained the water/sewer charge at \$4.19. 	
DES	<ul style="list-style-type: none"> ▪ Continued to freeze 0.5 FTE Meter Reader position in the Utilities Services Office. ▪ Eliminated an additional 7.5 FTEs at the WPCP as the redesign plan continues to be implemented. 	(7.5)
DPW	<ul style="list-style-type: none"> ▪ Increased the cost of water purchase 5%. FY 2000 will be the first year four quarters of debt for the modernization of the Dalecarlia Water Treatment Plant will be paid. ▪ Froze two vacant Trades Workers positions (2.0 FTEs) in the base budget to help fund the sewer system TV inspection contract to improve identification of trouble spots. ▪ Assigned 1.0 FTE to help in the General Fund to analyze storm water needs. The Utilities Fund costs are fully reimbursed. Storm sewer (funded in the General Fund) and Sanitary Sewer (funded in the Utilities Fund) staff continue to increase shared work efforts. ▪ Initiated pilot program for testing new water metering systems for improved metering accuracy and reduced maintenance. 	(1.0)
FY 2001	<ul style="list-style-type: none"> ▪ Increased the water/sewer charge by \$0.27 to \$4.46, with water increasing by \$0.22 to \$1.86 and sewer increasing by \$0.05 to \$2.60. ▪ Established a Contingency Rate Stabilization Account. 	
DES	<ul style="list-style-type: none"> ▪ Continued to freeze 0.5 FTE Meter Reader position in the Utilities Services Office. ▪ Eliminated 9.0 FTEs at the WPCP to reach the staffing level goal of 94 permanent positions. ▪ Added funding in the Utilities Services Office (\$20,000) for the conversion from post card to billing statements with envelopes. 	(9.0)
DPW	<ul style="list-style-type: none"> ▪ Continued to freeze two vacant Trades Worker positions (2.0 FTEs). ▪ First wholesale Customer Board budget adoption for Dalecarlia 9/16/99. ▪ Length of Service Program for meters increased \$50,000. ▪ Leak Detection contract added to reduce water loss. ▪ Cost of purchasing water from Dalecarlia increased from \$5,800,000 to \$6,250,000. ▪ Anticipated Pay-As-You-Go capital costs at Dalecarlia increased to \$875,000. 	

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Fiscal Year	Description	FTEs
FY 2002	<ul style="list-style-type: none"> ▪ Water/sewer charge increased from \$4.46 to \$4.58 per 1,000 gallons. ▪ Contingency rate stabilization account increased \$450,000 to \$1,515,214. 	
DES	<ul style="list-style-type: none"> ▪ Eliminated two positions (2.0 FTEs) at the WPCP. ▪ Funded meter reader position (0.5 FTE) frozen in the FY 1997 budget in the Utilities Services Office. 	(2.0)
DPW	<ul style="list-style-type: none"> ▪ Funded two positions (2.0 FTEs) frozen in the FY 2001 budget. ▪ Pay-As-You-Go capital costs at Dalecarlia increased \$389,000 from \$875,000 to \$1,264,000 because FY 2002 is the first year since the rehabilitation of the Dalecarlia Treatment Plant - which was financed with Treasury Bond loans - that full annual capital costs have been budgeted. 	
FY 2003	<ul style="list-style-type: none"> ▪ Water/sewer charge increased \$0.12 from \$4.58 to \$4.70 per 1,000 gallons. ▪ FY 2003 contribution to the rate stabilization account is \$600,000. 	
DES	<ul style="list-style-type: none"> ▪ Equipment repair and preventive maintenance budget was increased by nearly \$240,000. ▪ The maintenance supply budget was increased by \$203,000 to provide necessary supplies because long-term vacancies of highly skilled technical positions are expected to be filled in FY 2003. ▪ A contract security guard has been hired to monitor gate access at the plant for a projected annual cost of \$82,000. ▪ WPCD insurance premiums are expected to increase \$134,000. ▪ The chemicals budget was increased by \$168,000 to improve biosolids odor control, support new treatment processes, and to meet price increases. 	
DPW	<ul style="list-style-type: none"> ▪ The Utility Marking Program was transferred from the General Fund to the Utilities Fund. The expenditure budget was increased by \$220,872 and \$100,000 was added to the revenue budget for this program. ▪ Overtime in the Water, Sewer, Streets Division was increased by \$153,159 for ongoing overtime needed to meet service expectations. 	
FY 2004	<ul style="list-style-type: none"> ▪ Water/sewer charge increased \$0.60 from \$4.70 to \$5.30 per 1,000 gallons. ▪ Funding for indirect costs was increased by \$220,876 to better reflect actual charges. 	
DES	<ul style="list-style-type: none"> ▪ Added \$713,940 to fund for new WPCP debt service including interest expense payments on an interim loan of \$12,300,000. 	
DPW	<ul style="list-style-type: none"> ▪ Cost of purchasing water increased from \$6,250,000 to \$6,310,000. ▪ Funded \$150,000 for disposal of dirt from water/sewer repairs. This was added to the budget because free dirt disposal at the Fairfax County landfill will no longer be available. 	

Fiscal Year	Description	FTEs
	<ul style="list-style-type: none"> ▪ At the end of FY 2004, the Department of Public Works was merged with the Department of Environmental Services in order to better manage, operate, and monitor the County's efforts regarding transportation, environmental protection, and capital asset maintenance. 	
FY 2005	<ul style="list-style-type: none"> ▪ Water/sewer charge increased \$0.90 from \$5.30 to \$6.20 per 1,000 gallons. ▪ Funding for indirect costs was increased by \$127,968 to better reflect actual charges. ▪ Increased debt service of \$472,210 for MP01 financing. ▪ Cost of purchasing water increased from \$6,310,000 to \$7,066,000. 	
FY 2006	<ul style="list-style-type: none"> ▪ Water/sewer charges increased \$0.93 from \$6.20 to \$7.13 per 1,000 gallons ▪ Increased debt service \$1,047,802 for the planned expansion and upgrade of the Water Pollution Control Plant (\$1,069,000) and the Potomac Interceptor sewer project (\$290,000). There was a decrease in principal and interest payments of \$311,000. ▪ Non-Personnel expenses increased at the Water Pollution Control Plant (\$385,000) due largely to higher electricity and other utilities costs (\$177,000), County vehicle rental charges (\$12,000), addition of one security guard during the construction of the Master Plan (\$28,000), and higher costs in bio-solids hauling (\$97,000). ▪ Non-Personnel expenses increased for water purchase costs (\$234,000) from the Dalecarlia Water Treatment Plant at the Washington Aqueduct. ▪ Other expenses increased to fund the rate stabilization account (\$1,000,000), the Utilities Fund compensation increases (\$500,000), and the charges to the Utilities Fund for work performed by General Fund agencies and County overhead (\$281,000). 	

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