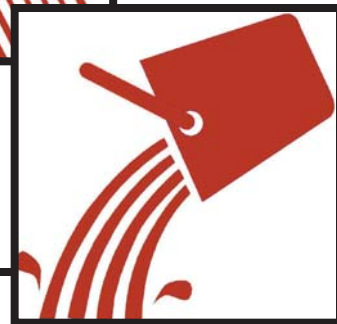




Draper Aden Associates

**The
17th
Annual
Virginia Water
and Wastewater
Rate
Report
2005**



Welcome to Draper Aden Associates' 17th Annual Virginia Water and Wastewater Rate Report. This year we had a 52% response rate from water and wastewater providers from across the Commonwealth with 149 responding out of a possible 286. Of those responding, 74 were towns, 21 cities, 20 counties and 34 authorities/boards/sanitary districts.

Along with our regular questions about rates and fees, our special section this year dealt with water supply planning issues. Eighty-three percent (83%) of survey participants responded to this section.

Thanks to all who chose to help make this another successful rate report. Feel free to contact us with any suggestions you may have to improve next year's survey. Please send any comments to wssurvey@daa.com.

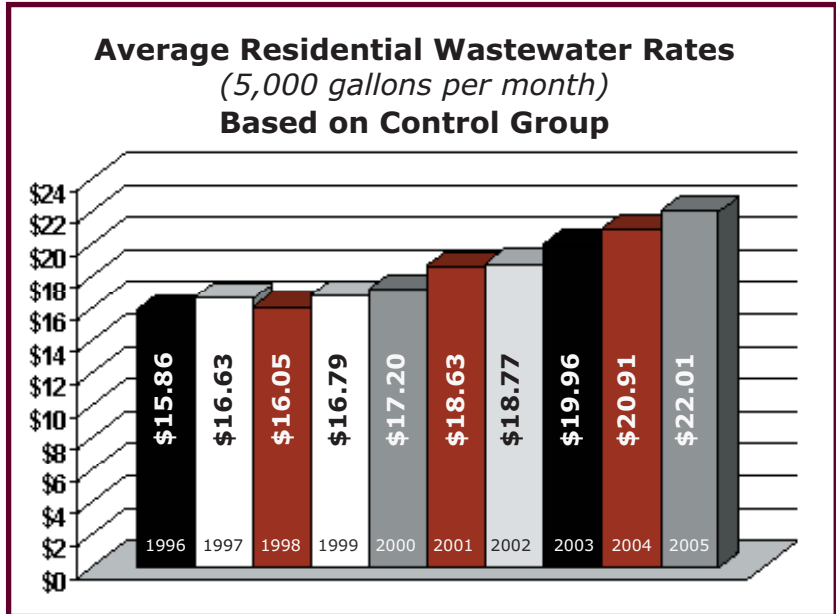
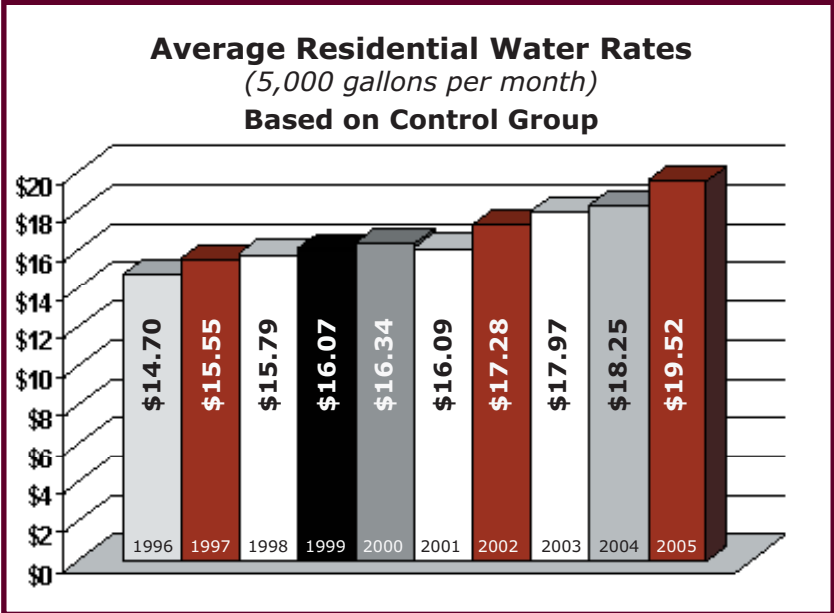
Abbreviations/Terms Used in This Report:

ERC = Equivalent Residential Connection
 B/C/I = Business/Commercial/Industrial
 Inside = Inside Municipal Boundaries
 Outside = Outside Municipal Boundaries

Our control group is comprised of 20 water and wastewater providers who have faithfully participated in the survey for the past 10 years. They represent a cross section of providers across the state

Based on our control group, the 2005 average monthly residential water rate experienced a \$1.27 or 7% increase over last year. Over the past 10 years residential rates have increased by \$4.82 or 33%.

The average monthly charge for a B/C/I customer, inside municipal boundaries, who uses 500,000 gallons of water, is \$1,724. The average fee for 500,000 gallons outside municipal boundaries is \$2,219.

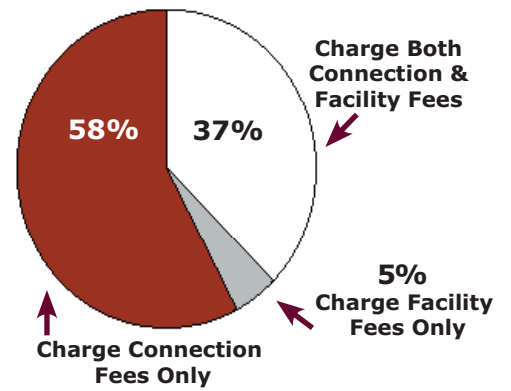


Based on the control group, the average monthly residential wastewater rate has increased \$6.15 or 39% over the past 10 years. Since 2004, the average residential wastewater rate increased \$1.10 or 5%.

The average monthly charge for a B/C/I customer, inside municipal boundaries, who uses 500,000 gallons, is \$2,128. The average fee for 500,000 gallons outside municipal boundaries is \$2,868.

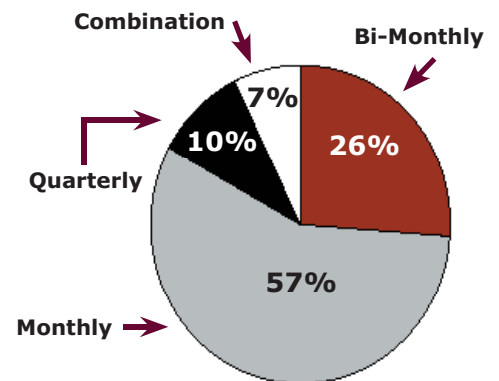
Water Rate Summary	Number of Responses	Average	Median
Equivalent Residential Connections (ERCs)	110	14,048	2,990
Monthly Residential Rate Inside (5,000 gal.)	140	\$20.93	\$19.82
Monthly Residential Rate Outside (5,000 gal.)	114	\$27.03	\$25.03
Residential Connection Fee	128	\$1,491	\$800
Residential Facility Fee	61	\$2,244	\$1,613
Monthly B/C/I Rate Inside (1 million gal.)	118	\$3,369	\$3,015
Monthly B/C/I Rate Outside (1 million gal.)	93	\$4,284	\$3,870

Connection & Facility Fees



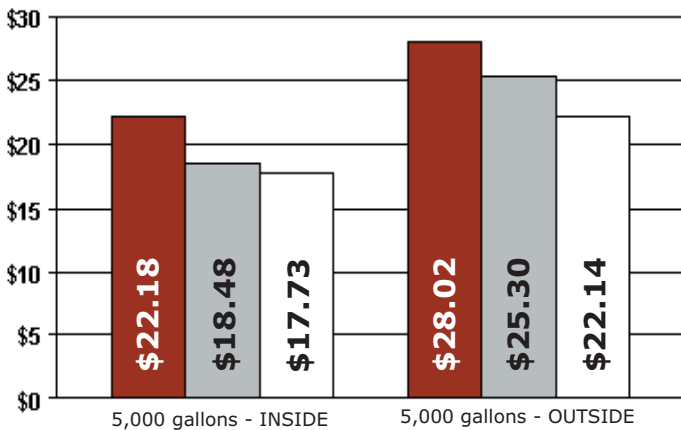
Wastewater Rate Summary	Number of Responses	Average	Median
Equivalent Residential Connections (ERCs)	99	16,429	2,680
Monthly Residential Rate Inside (5,000 gal.)	128	\$24.95	\$23.72
Monthly Residential Rate Outside (5,000 gal.)	96	\$33.03	\$30.58
Residential Connection Fee	112	\$1,648	\$1,000
Residential Facility Fee	56	\$2,838	\$2,010
Monthly B/C/I Rate Inside (1 million gal.)	109	\$4,459	\$3,807
Monthly B/C/I Rate Outside (1 million gal.)	83	\$5,355	\$4,512

Billing Cycles

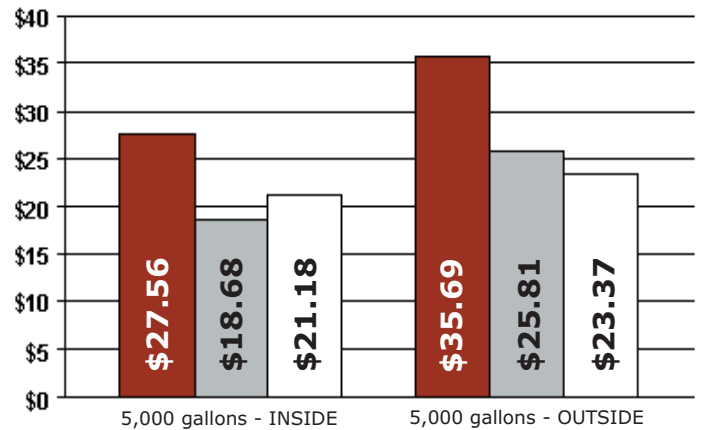


Average Monthly Residential Rates by System Size

Water



Wastewater



Less than 5,000 ERCs
 5,000 - 50,000 ERCs
 More than 50,000 ERCs

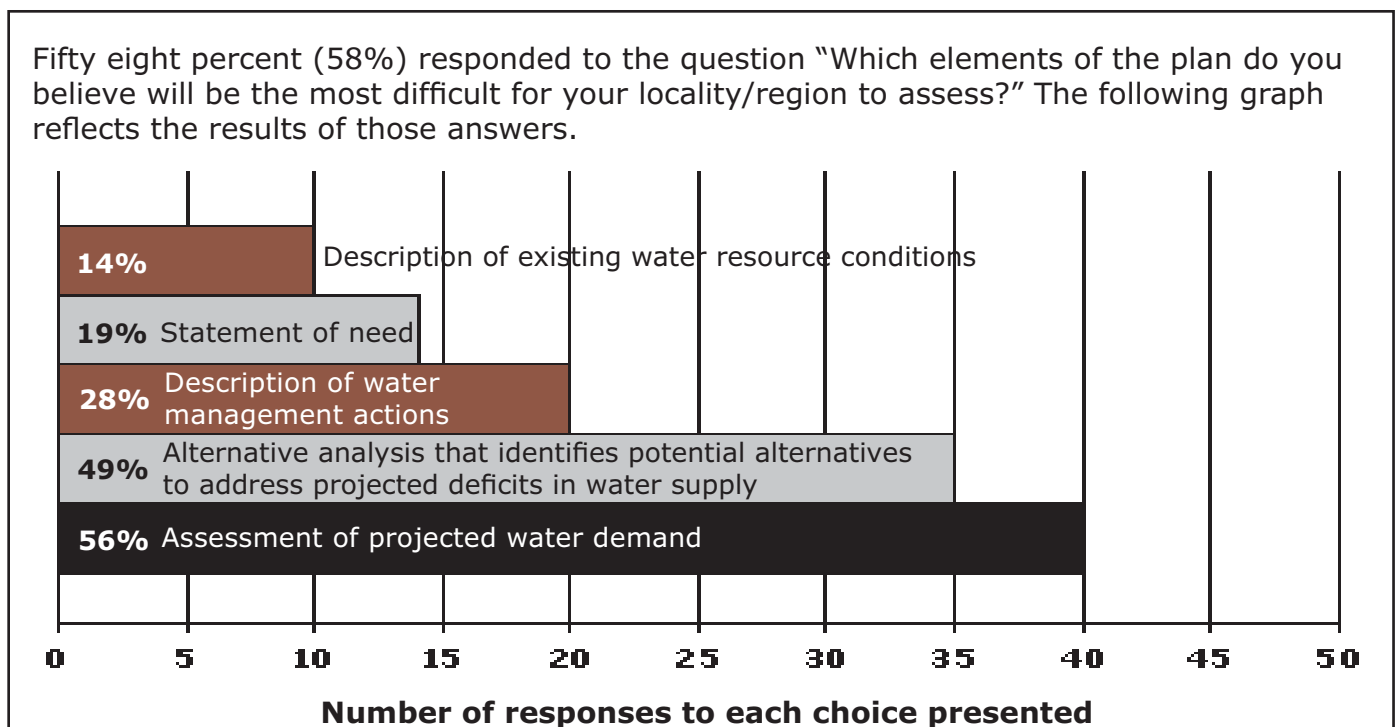
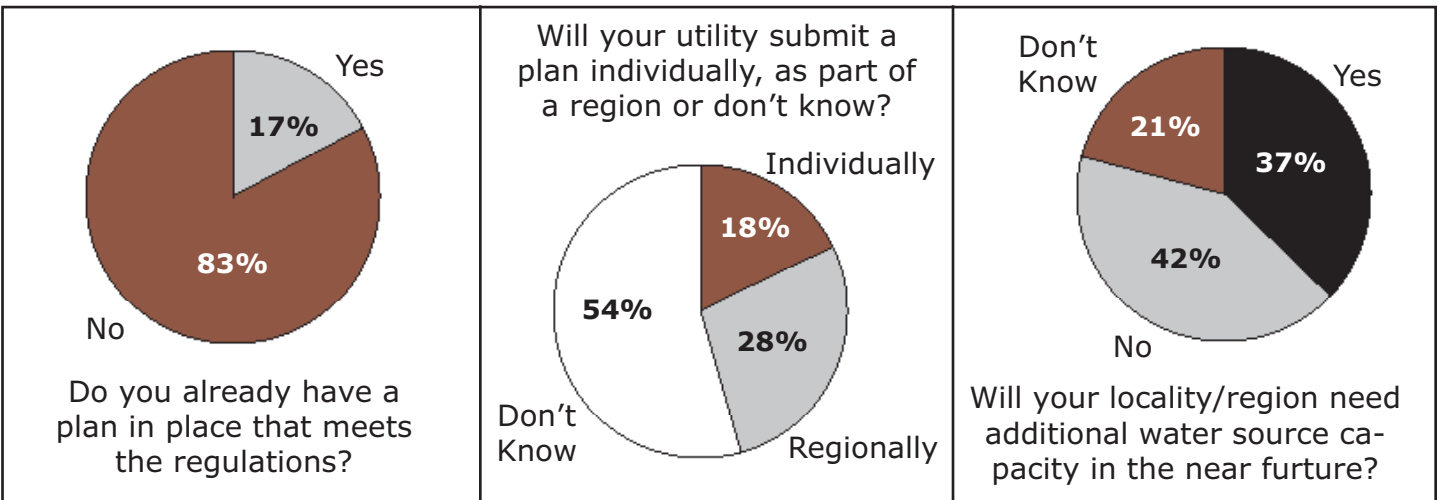
The information in this report was provided by respondents to a survey and is presumed to be correct. In some cases, the respondents were contacted by telephone and interviewed to clarify responses. However, Draper Aden Associates, the Virginia Association of Counties and the Virginia Municipal League do not warrant the accuracy of the information presented in this report. Tables and charts are compiled from all data submitted and not limited to the control group except where designated.

Water Supply Planning

The Virginia Department of Environmental Quality (DEQ) began looking at ways to improve water supply planning due to the 1999-2002 drought period that negatively impacted a large part of Virginia. This effort resulted in SB 1221 (2003) that requires the DEQ to develop a state water resources plan. That plan was approved in June 2005 by the Virginia State Water Control Board and the regulation will go into effect on November 2, 2005.

All local governments will be required to submit, for DEQ's approval, a local water supply plan or shall participate in a regional water supply plan. With this type of emphasis placed on water supply planning we thought it appropriate to include questions pertaining to this issue.

Responding to this section were 124 survey participants out of 149. Fifty-two percent (52%) were towns, while cities and counties made up 15% each and 18% were from authorities/boards/sanitary districts.



Water Survey Data

Several localities have indicated separate rate structures for commercial and industrial water customers. Commercial rates have been printed where applicable.

Locality	# Residential Water Units	# Non-Residential Water Units	# Equivalent Residential Units	Residential Water Rate Inside (5,000 gallons/month)	Billing Cycle (M=monthly; B=Bi-monthly; Q=quarterly)	Last Water Rate Increase	Water Rate-Business Inside (1 million gal./month)	Residential Connection Fee	Residential Facility Fee
Albemarle County Service Authority	23,371	1,133	16,760	\$20.90	M	2004		\$645	\$1,750
Alberta, Town of	197	36	233	\$33.83	B	2001		\$1,000	
Alleghany County	2,569	141	2,070	\$30.00	M	2005	\$5,502.50	\$1,000	
Altavista, Town of	1,576	75	8,000	\$8.25	M/Q	2003	\$1,650.00	\$250	
Amherst County Service Authority	6,390	345	4,541	\$23.68	B	2005	\$3,342.88	\$730	\$1,680
Amherst, Town of	1,048	145	1,452	\$17.50	B/M	2003	\$4,833.33	Cost	\$1,100
Arlington County				\$15.10	Q	2005			
Augusta County Service Authority	13,909	1,265	16,352	\$21.64	B	2005	\$3,045.36	\$870	\$2,185
Bath County Public Service Authority	991	50	1,041	\$18.40	M	2004	\$3,003.40	\$500	
Bedford County Public Service Authority				\$29.50	B	2005		\$2,250	
Big Stone Gap, Town of				\$26.00	M			\$400	
Blacksburg, Town of	7,932	327	13,333	\$17.40	M	2005	\$3,062.10	\$1,083	\$432
Bluefield, Town of	2,300	100	4,400	\$31.10	M	2004	\$4,048.60	\$250	
Boones Mill, Town of	232	34	320	\$25.50	M	2004	\$3,020.00	\$1,000	
Botetourt County	470	90		\$24.95	M	2004	\$3,349.68	\$700	\$2,000
Bowling Green, Town of	641	96		\$14.13	B	1999	\$1,551.88	\$500	\$3,000
Bridgewater, Town of	1,914	139		\$16.36	M	2005	\$3,119.81	\$1,300	
Bristol Virginia Utilities Board	6,808	1,136		\$20.15	M	2004	\$2,175.50	\$900	
Broadway, Town of	1,225	92	1,400	\$13.74	B	2005	\$2,672.81	\$1,500	
Brodnax, Town of	165	16	83	\$29.63	M	2004	\$5,883.05	\$750	
Brookneal, Town of	463	93	556	\$17.74	M	2001		\$600	
Buckingham County	280	93	1,436	\$36.00	M	2004	\$8,991.00	\$2,000	
Buena Vista, City of	2,406	179		\$23.60	M	2005	\$4,720.00	\$500	
Campbell Co. Utilities & Service Authority	7,814	429	8,907	\$28.95	B	2005	\$4,487.61	\$950	\$1,500
Cape Charles, Town of	901	92	680	\$30.40	M	2002		\$875	\$875
Charlotte Court House, Town of	200	50	165	\$30.50	B	2004		\$1,450	
Chesterfield County	104,987	3,801	117,904	\$11.96	B	2005	\$1,713.01	\$777	\$3,592
Chilhowie, Town of	2,096	151	1,950	\$16.92	M	2005	\$2,702.00	\$350	
Chincoteague, Town of	3,600	150	2,362	\$16.50	Q	1999	\$3,650.00	\$550	
Christiansburg, Town of	9,302	926	6,700	\$15.25	B	2005	\$2,156.50	\$1,000	
Cleveland, Town of	119	3	121	\$20.00	M			\$75	
Coeburn, Town of	898	136	1,034	\$25.90	M	2005		\$400	
Colonial Beach, Town of	2,168	23		\$11.75	Q			\$2,000	\$2,000
Courtland, Town of				\$11.00	M	1994		\$1,200	
Covington, City of	2,550	430	2,980	\$21.52	M	2001	\$779.57	\$700	
Craig/New Castle Public Service Authority	430	56		\$29.75	M	2003	\$10,000.50	\$2,000	
Culpeper, Town of	4,789	577	8,000	\$22.40	M	2005	\$2,793.97	\$5,000	
Danville, City of	17,949	2,468	28,000	\$16.55	M	2005	\$1,960.53	\$500	
Dinwiddie County Water Authority	2,682	177	4,406	\$18.75	M	2004	\$2,128.90	\$1,955	
Dublin, Town of	2,365	175	1,562	\$24.25	M	2003	\$3,755.50	\$450	
Eastville, Town of	210	20		\$15.00	Q	2005	\$200.00		
Emporia, City of	2,264	353	2,617	\$19.18	M	2005	\$2,730.42	\$800	\$100
Farmville, Town of	2,776	538	3,997	\$16.34	B	2003	\$2,424.24	\$660	\$550

Water Survey Data

Locality	# Residential Water Units	# Non-Residential Water Units	# Equivalent Residential Units	Residential Water Rate Inside (5,000 gallons /month)	Billing Cycle (M=monthly; B=Bimonthly; Q=quarterly)	Last Water Rate Increase	Water Rate-Business Inside (1 million gal. /month)	Residential Connection Fee	Residential Facility Fee
Ferrum Water & Sewerage Authority	147	24	600	\$26.00	M	2004	\$4,075.00	\$850	\$1,500
Fluvanna County	402	44	1,267	\$37.40	M	2002	\$4,851.74	\$1,050	
Franklin, City of	3,175	250	4,000	\$26.00	M	2005	\$2,762.25	\$3,500	
Frederick County Sanitation Authority	10,928	413	19,316	\$19.63	B	2002	\$2,923.14	\$2,250	\$2,390
Galax, City of	2,370	430	6,800	\$11.84	Q	2003	\$1,330.00	\$500	
Gate City, Town of	1,069	103	19,045	\$33.00	M	2003	\$6,003.00	\$100	\$350
Glasgow, Town of	381	37	448	\$11.00		2004	\$191.03	\$500	
Gloucester County	4,699	825	5,524	\$33.25	M	2004	\$6,878.00	\$3,500	\$500
Goochland County	626	76	1,009	\$18.05	B	2000	\$4,000.00	\$2,500	
Greensville Co. Water and Sewer Authority	1,650	101	4,400	\$16.46	M	2004	\$3,290.02	\$800	
Hamilton, Town of	648	23	500	\$26.00	M			\$20,000	
Hanover County	17,331	1,494	12,292	\$14.46	B	2005	\$2,457.82	\$3,979	
Harrisonburg, City of	10,491	6,746	20,619	\$12.63	M	2005	\$1,896.33	\$600	\$1,000
Henrico County	113,107	5,723	117,771	\$17.88	B	2005	\$2,992.42	\$1,545	\$1,215
Herndon, Town of	7,565	470	9,371	\$11.60	Q	1997	\$2,018.67	\$21,130	\$2,760
Highland County	55	16	26	\$22.28	B	1996	\$3,783.38	\$200	
Hillsville, Town of	1,240	100	1,344	\$21.14	B/M	2005	\$3,289.90	\$600	
Isle of Wight County Public Utilities	2,263	60		\$25.00	B	2004	\$3,500.00	\$4,000	
Ivor, Town of	176	24	176	\$16.00	B	2001	\$2,500.00	\$2,000	
James City Service Authority	15,665	485	17,501	\$11.50	Q	2004	\$2,700.00	\$2,400	\$1,300
Kenbridge, Town of	520	87	607	\$17.56	M	2002	\$3,450.88	\$500	
Keysville, Town of	428	98	246	\$25.00	M	2004	\$3,010.00	\$500	
Kilmarnock, Town of	699	257	868	\$15.26	B	1999	\$4,137.61	\$2,250	
King George County Service Authority	2,899	162		\$20.45	B	2003		\$4,365	
King William County	42	12	103	\$33.50	B		\$5,506.00	\$3,750	
Lawrenceville, Town of	720	126	3,400	\$18.59	B	2004		\$400	
Leesburg, Town of	15,489	826	16,110	\$14.68	Q	1992	\$2,670.00	\$50	\$4,288
Lexington, City of	2,220	400	3,620	\$12.60	B	2005	\$5,449.00	\$500	
Loudoun County Sanitation Authority	55,289	1,588	56,947	\$14.51	Q	1995	\$2,284.25	\$80	\$3,575
Louisa County Water Authority (Zion)	16	3	109	\$15.00	M	2003	\$3,000.00	\$250	\$2,500
Louisa County Water Authority (NEC)	882	219	897	\$12.50	M	2000	\$2,500.00	\$1,000	\$1,000
Louisa, Town of	502	149	640	\$24.37	M	2005		\$2,500	\$1,000
Lynchburg, City of	20,500	2,400	44,000	\$12.19	M	2005	\$2,433.16	\$605	\$1,220
Marion, Town of	3,650	100	4,000	\$17.40	M	2005	\$3,800.00	\$450	
Martinsville, City of	7,000	500	12,000	\$13.07	M	2005	\$1,514.38	\$525	
Middleburg, Town of	342	121	2,639	\$62.75	Q	2005	\$10,753.00	\$500	\$8,000
Middletown, Town of	548	38		\$16.70	B	1997	\$3,604.70	\$3,500	\$75
Montgomery Co. Public Service Authority	3,650	200	2,800	\$35.15	M	2004	\$6,104.65	\$725	\$2,000
Montross, Town of	223	53		\$11.00	M	1992	\$570.10	\$500	
Mount Jackson, Town of	750	100		\$17.95	M	2004	\$3,590.00	\$2,000	
Nelson County Service Authority	2,588			\$29.25	M	2005	\$6,248.00		\$2,500
New Kent County	1,329	35	1,364	\$36.00	Q	2004	\$2,785.40	\$3,000	
New Market, Town of	961	115	2,340	\$13.74	B	2004	\$2,718.19	\$2,000	

Water Survey Data

Locality	# Residential Water Units	# Non-Residential Water Units	# Equivalent Residential Units	Residential Water Rate Inside (5,000 gallons /month)	Billing Cycle (M=monthly; B=Bimonthly; Q=quarterly)	Last Water Rate Increase	Water Rate-Business Inside (1 million gal. /month)	Residential Connection Fee	Residential Facility Fee
Newport News, City of	144,222	7,932	174,800	\$21.47	B/M	2005	\$3,742.00	\$690	\$1,140
Norfolk, City of	94,320	4,042	97,327	\$20.56	M	2005	\$4,356.36	\$125	
Onancock, Town of	610	125		\$29.56	Q	2005	\$6,238.36	\$1,150	
Pamplin, Town of	91	6		\$21.24	M	1999		\$55	
Pearisburg, Town of	1,600	132		\$24.75	M	2004	\$2,130.75	\$400	\$400
Pennington Gap, Town of	965	134		\$25.40	M	1999	\$6,691.90	\$90	\$10
Petersburg, City of	14,208	1,166		\$12.98	B/M	2004		\$25	
Pittsylvania County Service Authority	3,200	49	2,580	\$17.90	B	1998	\$2,903.40	\$625	
Portsmouth, City of	35,841	8,865	66,016	\$21.50	B/M	2005	\$3,223.78	\$500	
Pound, Town of	1,083	84	581	\$25.60	M	2005	\$3,408.60	\$250	
Prince George County	4,000	100	3,200	\$18.00	B	2004	\$2,300.00		\$3,000
Pulaski County Public Service Authority	3,844	224	8,000	\$21.50	M			\$350	
Pulaski, Town of	4,911	160	4,620	\$17.35	M	2005	\$1,695.78	\$470	\$330
Purcellville, Town of	2,401	292	2,392	\$26.10	B	2005	\$4,871.75		\$10,000
Radford, City of	4,644	467	12,349	\$15.25	M	2005	\$2,750.00	\$490	\$1,000
Rapidan Service Authority	5,902	439	6,457	\$19.50	M	2001	\$3,303.00		\$5,000
Remington, Town of	541	33	400	\$11.00	M	2003	\$2,001.00	\$1,000	\$5,500
Richmond, City of	49,936	9,836	223,646	\$23.44	M	2005	\$1,830.20	\$35	
Rockbridge County Public Service Authority	1,170	350	1,987	\$22.12	B	2004	\$3,576.00	\$600	\$1,100
Rocky Mount, Town of	2,273	302	3,067	\$17.60	M	2005	\$2,754.60	\$1,000	\$1,250
Round Hill, Town of	1,014	6	1,171	\$36.50	B	2005			
Rural Retreat, Town of	940	87	533	\$21.75	M	2005	\$4,496.00	\$900	\$1,000
Rye Valley Water Authority	518	22		\$30.00	M	2001	\$4,010.00	\$400	
Salem, City of	7649	1,376		\$17.50	M	2005	\$3,390.50	\$925	
Scott County Water & Sewerage Authority	3,160	90	3,000	\$35.00	M	2004		\$600	
Shenandoah, Town of	870	108	1,000	\$23.65	M	2005	\$4,502.30	\$3,000	
Smithfield, Town of	2,382	211		\$22.40	B	2005	\$2,559.65	\$2,810	
South Boston, Town of	4,950	605	5,675	\$21.61	B	2005	\$2,145.40	\$300	
South Hill, Town of	2,160	415		\$27.25	M	2005	\$2,620.00	\$1,000	
Southampton County	740	90	906	\$24.50	M	2003		\$1,000	\$1,500
Spotsylvania County	24,675	1,465	38,440	\$17.20	M	2004	\$4,460.20	\$1,435	\$4,377
Stafford County	29,268	1,980	35,328	\$11.63	M	1997	\$1,776.09	\$500	\$3,600
Stanley, Town of	1,369	81	1,450	\$14.50	M/Q	2002	\$838.25	\$2,500	
Staunton, City of	8,754	271	16,654	\$14.71	B	2005	\$3,395.04	\$1,500	\$1,625
Stephens City, Town of	550	50	500	\$18.89	B	2003	\$2,576.04		\$3,000
Stoney Creek Sanitary District	1,278	10	1,308	\$25.00	B	2005	\$4,985.00	\$3,750	
Strasburg, Town of	2,179	103		\$21.00	M	2005	\$5,997.50		\$5,000
Tangier, Town of	265		265	\$17.00	M	2001			
Tazewell County Public Service Authority	4,145	227	953	\$29.00	M	2005	\$4,204.00	\$450	
Toms Brook-Maurertown Sanitary District	498	18	524	\$32.00	M	2004	\$4,012.00	\$3,000	
Troutville, Town of	239	69		\$23.50	M	2002	\$3,295.50	\$700	\$2,000
Vienna, Town of	8,741	502	10,000	\$19.32	Q	2005	\$3,346.00	\$3,875	\$1,600
Vinton, Town of	4,758	275	4,053	\$13.54	B/M	2005	\$1,849.14	\$25	\$1,550

Water Survey Data

Locality	# Residential Water Units	# Non-Residential Water Units	# Equivalent Residential Units	Residential Water Rate Inside (5,000 gallons/month)	Billing Cycle (M=monthly; B=Bi-monthly; Q=quarterly)	Last Water Rate Increase	Water Rate-Business Inside (1 million gal./month)	Residential Connection Fee	Residential Facility Fee
Warrenton, Town of	4,043	251	4,662	\$13.30	M	1997	\$3,097.80	\$1,500	\$4,950
Warsaw, Town of	383	179	760	\$11.00	M	2001	\$1,720.40		
Washington County Service Authority	18,972	500	17,080	\$26.20	M	2005	\$2,812.20	\$850	\$300
Waverly, Town of	1,000	117		\$7.40	M	1998		\$1,000	
Western VA Water Authority (Roanoke City)	36,817	2,118	61,474	\$13.15	M	2005	\$2,633.00	\$1,500	\$2,400
Western VA Water Authority (Roanoke Co.)	23,749	1,762	23,121	\$20.75	M	2005	\$2,274.00	\$1,500	\$2,400
West Point, Town of	1,268			\$9.95	B	2003	\$3,022.50		\$1,100
Williamsburg, City of	3,500	750	14,000	\$13.50	M/Q	2005	\$2,700.00	\$450	\$1,500
Winchester, City of	9,520	1,300	25,970	\$21.88	B/M	2003	\$2,158.00		\$5,000
Windsor, Town of	900	55	1,600	\$13.00	B	2004	\$2,748.00		\$3,500
Wythe County	1,760	115	1,200	\$32.00	M	1999	\$5,499.50	\$500	
Wytheville, Town of	3,136	398	8,176	\$26.00	M	2005	\$2,242.75	\$1,500	
York County	423			\$6.88	B	1998	\$1,375.00	\$2,850	

Wastewater Survey Data

Locality	# Residential Wastewater Units	# Non-Residential Wastewater Units	# Equivalent Residential Units	Residential Wastewater Rate Inside (5,000 gal./month)	Billing Cycle (M=monthly; B=bi-monthly; Q=quarterly)	Last Wastewater Rate Increase	Wastewater Rate-Business Inside (1 million gal./month)	Residential Connection Fee	Residential Facility Fee
<i>Several localities have indicated separate rate structures for commercial and industrial wastewater customers. Commercial rates have been printed where applicable.</i>									
Albemarle County Service Authority	19,894	868	12,997	\$18.70	M	2004			\$2,180
Alberta, Town of	197	36	233	\$33.83	B	2001		\$1,500	
Alleghany County	1,775	141	2,070	\$30.00	M	2005	\$6,746.24	\$1,000	
Altavista, Town of	1,059	75	7,600	\$9.86	M/Q	2003	\$1,976.00	\$1,000	
Amherst County Service Authority	997	192	1,088	\$21.98	B	2005	\$4,385.03	\$675	\$2,020
Amherst, Town of	644	128	909	\$24.60	B/M	2003	\$6,353.33	Cost	\$2,500
Arlington County				\$20.55	Q	2005			
Augusta County Service Authority	8,532	862	9,975	\$28.74	B	2005	\$4,511.83	\$820	\$4,055
Bath County Public Service Authority	2,210	80	2,290	\$19.00	M	2004	\$2,508.50	\$500	
Bedford County Public Service Authority				\$29.50	B			\$3,000	
Big Stone Gap, Town of				\$36.00	M			\$400	
Blacksburg, Town of	7,246	307	10,810	\$19.53	M	2005	\$3,482.13	\$643	\$2,500
Boones Mill, Town of	36	18		\$25.50	M	2004	\$3,020.00	\$1,500	
Botetourt County	2,200	65		\$20.50	M	2004	\$3,349.68	\$1,000	\$1,500
Bowling Green, Town of	386	83		\$32.50	B	1999	\$3,884.50	\$500	\$3,500
Bridgewater, Town of	1,839	126		\$20.48	M	2005	\$4,104.08	\$2,000	
Bristol Virginia Utilities Board	6,667	1,054		\$19.40	M	2001	\$2,433.50	\$900	
Broadway, Town of	1,161	74	1,200	\$15.46	B	2005	\$2,882.59	\$1,600	

Wastewater Survey Data

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Brodnax, Town of	158	12	83	\$28.77	M	2004	\$13,830.55	\$1,750	
Brookneal, Town of	430	80	510	\$11.06	M	2001		\$600	
Buckingham County	168	40	164	\$36.00	M	2004	\$8,991.00	\$2,000	
Buena Vista, City of	2,406	179		\$26.10	M	2005	\$5,220.00	\$330	
Campbell Co. Utilities & Service Authority	1,836	224	2,576	\$23.79	B	2005	\$4,745.99	\$750	\$1,900
Cape Charles, Town of	901	92	680	\$32.66	M	2002		\$875	\$1,375
Chesterfield County	89,984	3,227	99,889	\$17.28	B	2005	\$1,927.84		\$1,465
Chilhowie, Town of	1,025	143	1,196	\$16.92	M	2005	\$3,224.00	\$350	
Christiansburg, Town of	8,613	190	5,240	\$16.00	B	1996	\$4,000.00	\$1,000	
Cleveland, Town of	119	3	121	\$20.00	M			\$75	
Coeburn, Town of	633	97	730	\$33.67	M	2005		\$375	
Colonial Beach, Town of	2,165	23		\$38.25	Q			\$4,000	\$4,000
Covington, City of	2,545	430	2,975	\$26.34	Q	2005	\$1,005.29	\$700	
Craig/New Castle Public Service Authority	383	53		\$36.75	M	2003	\$6,259.50	\$2,000	
Culpeper, Town of	4,596	505	7,900	\$23.15	M	2005	\$4,106.51	\$7,000	
Danville, City of	16,898	2,290	52,000	\$18.39	M	2005	\$2,266.15	\$675	
Dinwiddie County Water Authority	2,597	135	3,882	\$26.95	M	2004	\$2,824.10	\$3,565	
Dublin, Town of	1,149	120	550	\$14.14	M	2002	\$2,501.96	\$400	
Emporia, City of	2,264	353	2,617	\$26.36	M	2005	\$3,807.44	\$800	\$100
Fairfax County Wastewater Mgt. Program	327,500	18,000	417,600	\$16.40	Q	2005	\$3,280.00	\$600	\$5,874
Farmville, Town of	2,754	538	5,200	\$17.97	B	2003	\$2,666.66	\$660	\$550
Ferrum Water & Sewerage Authority	100	24	600	\$28.50	M	2004	\$4,862.50	\$1,000	\$2,000
Franklin, City of	3,175	250	4,000	\$35.83	M	2005	\$3,866.58	\$4,500	
Frederick County Sanitation Authority	10,512	371	15,192	\$23.63	B	1995	\$3,145.65	\$1,575	\$4,414
Galax, City of	2,370	430	6,800	\$11.84	Q		\$1,330.00	\$500	
Gate City, Town of	985	103	69	\$29.70	M	1997	\$5,402.70	\$50	\$650
Glasgow, Town of	380	38	428	\$17.00		1991	\$399.57	\$500	
Gloucester County	784	601	1,385	\$17.02	M	1989	\$2,902.00	\$2,800	\$1,200
Goochland County	451	60	944	\$27.60	B	2000	\$6,000.00	\$3,500	
Greensville Co. Water and Sewer Authority	930	62	3,200	\$19.21	M	2004	\$4,390.00	\$1,000	
Hamilton, Town of	498	23	320	\$35.50	M			\$6,500	
Hampton, City of	40,382	2,221	48,944	\$14.30	M	2003	\$1,430.00		
Hanover County	15,705	1,296	10,170	\$32.24	B	2005	\$3,559.77	\$5,962	
Harrisonburg, City of	9,182	6,277	16,622	\$14.52	M	2005	\$2,830.47	\$600	\$1,000
Henrico County	112,283	4,667	112,085	\$23.24	B	2005	\$3,141.94	\$3,110	\$1,820
Herndon, Town of	7,565	470	11,997	\$15.77	Q	1997	\$31,120.00	\$600	\$4,621
Hillsville, Town of	1,030	184	1,900	\$29.41	B/M	2005	\$4,857.91	\$650	
Isle of Wight County Public Utilities	2,075	115		\$14.00	M	2004	\$2,500.00	\$4,000	
James City Service Authority	16,960	485	18,718	\$13.50	Q	2004	\$2,700.00	\$2,400	\$1,050
Kenbridge, Town of	450	98	548	\$22.21	M	2002	\$2,380.36	\$500	

Wastewater Survey Data

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Keysville, Town of	389	95	1,160	\$30.00	M	2003	\$4,010.00	\$750	
Kilmarnock, Town of	662	24		\$19.00	B	1999	\$7,996.00	\$3,750	
King George County Service Authority	1,428	112		\$47.00		2003		\$5,635	
King William County		12	103	\$42.50	B		\$7,007.50	\$3,750	
Lawrenceville, Town of	700	126	2,680	\$14.30	B	2004	\$2,859.99	\$400	
Leesburg, Town of	15,526	826	9,811	\$17.38	Q	1992	\$3,210.00	\$50	\$6,678
Lexington, City of	2,170	400	3,620	\$29.61			\$12,701.00	\$500	
Loudoun County Sanitation Authority	55,396	1,608	57,057	\$18.49	Q	1995	\$3,235.85	\$80	\$4,933
Louisa County Water Authority (Zion)	16	1	120	\$20.00	M	2003	\$4,000.00	\$3,500	\$3,500
Louisa County Water Authority (NEC)	664	185	42	\$12.50	M	2000	\$2,500.00	\$1,000	\$1,000
Louisa, Town of	334	149		\$30.00	M	2005		\$2,500	
Lynchburg, City of	17,500	2,400	54,000	\$32.02	M	2005	\$6,390.37	\$847	\$1,950
Marion, Town of	2,630	100	2,700	\$16.86	M	2005	\$3,620.00	\$300	
Martinsville, City of	6,500	450	18,000	\$13.25	M	2005	\$1,734.60	\$500	\$200
Middleburg, Town of	324	119	2,004	\$51.25	Q	2005	\$8,453.00	\$500	\$11,000
Middletown, Town of	543	37		\$23.78	B	2004	\$5,257.75	\$5,000	
Montgomery Co. Public Service Authority	2,350	75	2,700	\$37.00	M	2004	\$6,504.50	\$725	\$2,500
Montross/Westmoreland Sewer Authority	269	93		\$28.00	M	2005	\$9,334.00	\$3,500	
Mount Jackson, Town of	750	100		\$16.95	M	2004	\$3,350.00	\$3,000	
Nelson County Service Authority	2,225			\$34.50	M	2005	\$7,248.25		\$2,500
New Kent County	225	55	280	\$54.00	Q	2004	\$3,645.60	\$6,000	\$3,300
New Market, Town of	924	97	2,000	\$31.76	B	2004	\$5,932.11	\$2,000	
Norfolk, City of	94,320	4,042	97,327	\$15.60	M	2005	\$3,743.60	\$250	
Onancock, Town of	605	125		\$40.14	B	2005	\$9,719.89	\$1,200	
Pearisburg, Town of	1,450	1,332		\$24.00	M	2004	\$3,146.50	\$250	\$250
Pennington Gap, Town of	950	127		\$33.10	M	1995	\$4,709.60		
Petersburg, City of	14,208	1,166		\$14.27	B/M	2005		\$250	
Pittsylvania County Service Authority	1,506	60	1,316	\$18.50	B	1998	\$2,854.25	\$1,000	
Portsmouth, City of	35,841	8,000	32,450	\$12.67	B/M	2005	\$2,418.16	\$1,250	\$150
Pound, Town of	484	69		\$28.50	M	2005	\$3,948.80	\$250	
Prince George County	5,000	125	3,200	\$29.00	B	2004	\$3,000.00		\$4,000
Pulaski County Public Service Authority	474	71	1,900	\$24.00	M			\$500	
Pulaski County Sewerage Authority	880	110		\$13.00	M	1987		\$300	
Pulaski, Town of	4,921	150	3,928	\$36.94	M	2005	\$4,556.40	\$600	
Purcellville, Town of	2,347	292	2,876	\$37.20	B	2005	\$7,091.75		\$9,000
Radford, City of	4,612	461	12,315	\$19.50	M	2005	\$3,900.00	\$450	\$1,500
Rapidan Service Authority	4,695	249	4,078	\$36.66	M	2001	\$3,303.00		\$5,000
Richmond, City of	48,443	8,440	95,358	\$35.19	M	2005	\$3,843.04	\$30	
Rockbridge Co. Public Service Authority	430	152	997	\$25.65	B	2004	\$4,387.00	\$400	\$1,750
Rocky Mount, Town of	1,604	279	2,551	\$17.50	M	2005	\$2,642.75	\$1,000	\$1,250

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Round Hill, Town of	953	6	1,171	\$43.65	B	2005			
Rural Retreat, Town of	810	76	533	\$22.15	M	2005	\$3,998.30	\$350	\$1,000
Salem, City of	7,207	1,229		\$20.25	M	2005	\$4,149.50	\$1,900	
Scott County Water & Sewerage Authority	1,000	80	1,100	\$37.00	M	2004		\$950	
Shenandoah, Town of	850	108	1,000	\$23.65	M	2005	\$4,502.30	\$4,000	
Smithfield, Town of	2,161	188		\$14.50	B	2005	\$2,900.00	\$4,480	
South Boston, Town of	5,200	605	5,420	\$26.46	B	2005	\$1,983.42	\$450	
South Hill, Town of	1,884	372		\$27.25	M	2005	\$2,620.00	\$1,500	
Southampton County	1,123	154		\$35.50	M	2003	\$1,070.00	\$1,000	\$2,000
Spotsylvania County	23,976	1,213	31,230	\$13.76	M	2004	\$2,977.15	\$1,975	\$4,377
Stafford County	26,726	1,980	31,160	\$21.30	M	1997	\$3,176.29	\$500	\$3,500
Stanley, Town of	836	54	890	\$21.00	M	2002	\$1,761.00	\$3,000	
Staunton, City of	8,682	271	12,612	\$20.77	B	2005	\$4,783.92	\$2,000	\$2,100
Stephens City, Town of	525	575	500	\$50.78	B	2003			\$3,000
Stoney Creek Sanitary District	1,308	10	1,338	\$25.00	B	2005	\$4,985.00	\$3,750	
Strasburg, Town of	2,127	85		\$23.95	M	2005	\$5,998.00		\$5,000
Tangier, Town of	265		265	\$35.00	M	2001			
Tazewell County Public Service Authority	1,955	150	684	\$29.00	M	2005	\$5,529.00	\$275	
Toms Brook-Maurertown Sanitary District	568	23	698	\$33.00	M	2004	\$10,948.00	\$4,500	
Vienna, Town of	8,871	502	10,000	\$22.25	Q	2005	\$4,450.00	\$4,413	
Vinton, Town of	4,756	275	3,702	\$13.36	B/M	2005	\$1,933.71		\$1,300
Warrenton, Town of	3,628	234	4,170	\$29.40	M	1997	\$6,198.40	\$3,000	\$7,300
Warsaw, Town of	364	157	760	\$26.00	M	2001	\$3,604.00		\$3,640
Washington County Service Authority	1,221	158	1,200	\$39.50	M	2005	\$4,276.75	\$800	\$1,600
Western VA Water Authority (Roanoke City)	32,085	2,118	140,000	\$14.60	M	2005	\$2,639.00	\$1,500	\$2,000
Western VA Water Authority (Roanoke Co.)	14,617	1,252	22,015	\$18.00	M	2005	\$2,070.00	\$1,500	\$2,000
Williamsburg, City of	3,000	650		\$10.15	M/Q	2005	\$1,835.00	\$500	\$1,500
Winchester, City of	9,520	1,300	25,970	\$19.55	B/M	2003	\$3,910.00		\$7,400
Wythe County	360	40	580	\$35.80	M	2003	\$8,869.00	\$300	\$500
Wytheville, Town of	3,134	131	7,868	\$18.60	M	2005	\$3,998.60	\$1,500	
York County	16,755			\$17.25	B/M	2002	\$1,500.00	\$3,300	

The following utilities responded to the wastewater questions and are provided wastewater treatment services by the Hampton Roads Sanitation District (HRSD): Town of Smithfield, City of Hampton, City of Norfolk, City of Newport News, City of Portsmouth, City of Williamsburg, Gloucester County, King William County, Isle of Wight County, James City Service Authority and York County.

We have reviewed the responses to the questions regarding the monthly sewer bill and have determined that none of the utilities listed above included in their response the charge paid to HRSD for wastewater treatment. Based on usage of 5,000 gallons of water in a month, the HRSD fee for wastewater treatment would be an additional \$10.18 per month.

Similarly, HRSD charges a facility fee to new connections. For a single-family home using a 5/8 inch meter, the facility charge collected by HRSD is \$1,465. This fee is in addition to any fees charged by the local utility. Again, this fee is NOT included in the responses listed above.

As a result, when comparing the monthly sewer fees or facility fees in the communities served by HRSD to other localities, it is important to be aware that the fees reflected in the table above do NOT reflect the total cost of wastewater service in these localities.



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