

Laboratory-Contact George Southworth (SGR@ORNL.GOV)														
Site	Distance (km)	Date	Total Hg ng/L	Diss Hg ng/L	Total MeHg ng/L	Diss MeHg ng/L	TSS mg/L	Cond uS/cm	Alk mg/L	pH	Fish Hg ug/g	TSS on Hg ug/g	LogKd mL/g	BCF
South River at USGS 4.5 km upstream	-4.5	6/10/99	1.18	0.31	0.078	0.03	9.8	240				0.1		
	-4.5	7/29/1999 AM	1.44		0.072		9.4	225						
South River at Dupont (Rte 340 bridge)	0.6	6/10/99	16.5		0.205		5.1	370						
0.6 km downstream	0.6	7/29/99 PM	<10											
South R @ Northside Par 1.5 km down	1.5	7/29/99 PM	18											
South River at Waynesbor Hopeman Parkway	3.6	7/14/97	159	5.54	0.813	0.209	14.3	274	107	8.01	1.08	10.7	6.29	6792
3.6 km down	3.6	5/20/98	94	1.91	0.215	0.14	20.2	110		7.5		4.6	6.38	
	3.6	6/10/99	112	2.17	0.66	0.22	7.6	255				14.5	6.82	
	3.6	7/29/99 PM	72											
South River at Dooms 7.2 km down	7.2	7/29/99 PM	95											
South River at Crimora 13.1 km down	13.1	7/14/97	162	9.15	2.67	1.08	6.72	298	113	8.05	1.5	22.7	6.40	9259
	13.1	10/6/96	49	6.06	0.395	0.22	0.9	203				47.7	6.90	
	13.1	8/18/96	80				6.4	276	111	8.2				
	13.1	6/10/99	190	12.20	3.09	1.59	8.1	295				22.0	6.26	
	13.1	7/29/99 AM	362		2.38		13	290						
	13.1	7/29/99 PM	124											
South River at Harriston 21.5 km down	21.5	7/29/99 PM	126											
South River at Grottoes 29.5 km down	29.5	6/10/99	168		2.64									
South Fork Shenandoah		6/10/99	9.95	2.19	0.78	0.65	4.05	330			0.7	1.9	5.94	
		7/29/99	9		0.68		6.3	345						
North Fork Holston R at Saltville		7/13/1997	21.7	7.50	0.485	0.312	4.55	1256	131	8.43	0.68	3.1	5.62	31336
		10/6/1996	9.86	4.14	0.185	0.114	2.5	385				2.3	5.74	
		8/19/1996	19.7				4.7	437	100	8.2				
		5/20/1998	39.8	17.60	0.474	0.191	15.8	510		7.6		1.4	4.90	
		6/9/1999	14	8.90	1.08	0.46	2.3	1200				2.2	5.40	
North Fork Holston R at rte 80		6/9/1999	10.6		0.77		2.5	900						
		7/28/1999	14		0.66		5.7	420						
North Fork Holston R at Kingsport		5/20/1998	10.9	2.14	0.273	0.185	7.7	280			0.32	1.1	5.73	29358
		6/9/1999	7.48	2.60	0.62	0.45	3.5	500				1.4	5.73	
		7/28/1999	9.88		0.432		22.8	410						