

Table 1: Geographic Coordinates and Location Descriptions for Clam Sampling Sites, 2002  
 (coordinates are expressed as degrees, minutes, seconds using NAD 83)

SITE ID	SITE DESCRIPTION	LATITUDE	LONGITUDE	RIVER MILEAGE*	
		degrees N	degrees W	JMU	DEQ
CS01	Ridgeview Park	38 03 59.8	78 54 33.9		26.73
CS02	Wayne Avenue	38 03 38.2	78 53 39.7		25.83
CS03	Constitution Park	38 03 55.4	78 53 04.3	0.00	25.10
CS04	Broad Street	38 04 10.3	78 53 06.6	0.31	24.70
CS05		38 04 20.5	78 53 05.8	0.50	
CS06		38 04 30.4	78 52 59.9	0.72	
CS07	intensive sweep site 17	38 04 37.4	78 52 49.4	0.92	23.59
CS08	intensive sweep site 14	38 04 40.5	78 52 37.5	1.12	23.29
CS09	intensive sweep site 12	38 04 48.0	78 52 24.1	1.38	23.09
CS10	intensive sweep site 9	38 04 59.0	78 52 23.9	1.66	22.79
CS11	intensive sweep site 6	38 05 05.4	78 52 39.4	1.93	22.49
CS12	intensive sweep site 2	38 05 28.3	78 52 36.9	2.38	22.09
CS13		38 05 44.0	78 52 38.4	2.68	
CS14		38 05 49.1	78 52 13.9	3.14	
CS15		38 05 54.8	78 51 50.2	3.61	
CS16		38 06 02.1	78 52 04.2	4.09	
CS17		38 06 17.5	78 51 57.6	4.61	
CS18	SR 611 Bridge (Dooms)	38 06 26.1	78 51 46.9	4.90	19.26

\* The distance along the river channel downstream from Dupont (as determined at JMU) or above the confluence with the South Fork of Shenandoah River (as reported by DEQ)

Table 2: Total Mercury in Composite Clam Samples from South River, November 9, 2002  
 (all concentrations\* are expressed in mg/kg wet mass of tissue)

SITE ID	LOCATION A	LOCATION B	LOCATION C	AVERAGE
CS01	0.023	0.014	0.031	0.02
CS02	0.044	0.042	0.042	0.04
CS03	0.12	0.23	0.13	0.16
CS04	0.27	0.13	0.091	0.16
CS05	0.12	0.13	0.14	0.13
CS06	0.078	0.14	0.18	0.13
CS07	0.34	0.17	0.25	0.25
CS08	0.28	0.14	0.22	0.21
CS09	0.17	0.36	0.40	0.31
CS10	0.085	0.12	0.32	0.18
CS11	0.22	0.40	0.37	0.33
CS12	0.52	0.25	0.27	0.35
CS13	0.30	0.19	0.30	0.26
CS14	0.39	0.25	0.36	0.33
CS15	0.33	0.060	0.33	0.24
CS16	0.84	0.47	0.41	0.57
CS17	ND	ND	0.54	0.54
CS18	0.36	0.54	0.56	0.49

\* shaded values fall between the method detection limit and the practical quantitation limit; moisture content for a composite clam sample was 88.5%