

Appendix D: Summary Statistics per Basin Code

All data in ppm - wet weight

Six Digit	Basin Name	Metal	Min (ppm)	Max (ppm)	Weighted Avg (ppm)	# of Samples
021202	Lower Susquehanna River Area	Ag	0.025	0.025	0.0250	4
		As (4% inorganic)	0.0025	0.023	0.0052	16
		Cd	0.005	0.29	0.0395	16
		Cr	0.15	0.31	0.2378	16
		Cu	0.16	8.12	1.1026	16
		Hg	0.007	0.07	0.0304	16
		Ni	0.025	0.54	0.0911	11
		Pb	0.025	1.8	0.3450	16
		Zn	4.77	21.5	10.0644	16
021301	Coastal Area	Ag	0.025	0.025	0.0250	2
		As (4% inorganic)	0.0025	0.0025	0.0025	3
		Cd	0.005	0.025	0.0150	3
		Cr	0.23	0.25	0.2400	3
		Cu	0.27	0.42	0.3530	3
		Hg	0.019	0.064	0.0330	3
		Ni	0.025	0.025	0.0250	3
		Pb	0.025	0.25	0.1375	3
		Zn	10.1	22.40	17.7300	3
021302	Pocomoke River Area	Ag	0.025	0.025	0.0250	2
		As (4% inorganic)	0.0025	0.244	0.0336	4
		Cd	0.005	0.18	0.0303	6
		Cr	0.12	0.25	0.2012	6
		Cu	0.2	6.69	2.5624	6
		Hg	0.013	0.14	0.0659	5
		Ni	0.025	0.05	0.0383	4
		Pb	0.025	0.35	0.2397	6
		Zn	5.06	11.5	8.1588	6
021303	Nanticoke River Area	Ag	0.025	0.025	0.0250	2
		As (4% inorganic)	0.0025	0.087	0.02436	64
		Cd	0.005	1.16	0.1362	72
		Cr	0.11	2.1	0.4972	72
		Cu	0.17	3.05	0.7680	72
		Hg	0.007	0.097	0.0354	70
		Ni	0.025	0.26	0.0924	6
		Pb	0.025	3.9	0.5222	72
		Zn	4.02	30.90	10.1308	72
021304	Choptank River Area	Ag	0.025	0.025	0.0250	3
		As (4% inorganic)	0.0025	0.093	0.01992	60
		Cd	0.005	0.26	0.0798	61
		Cr	0.11	0.25	0.2330	61
		Cu	0.25	3.53	1.1193	61
		Hg	0.006	0.09	0.0284	60
		Ni	0.025	2.41	0.3980	51
		Pb	0.025	2	0.4580	61
		Zn	1.72	75.5	16.0490	61
021305	Chester River Area	Ag	0.025	0.025	0.0250	3
		As (4% inorganic)	0.0025	0.122	0.0292	13
		Cd	0.005	5.02	0.2711	13
		Cr	0.12	1.4	0.2534	13
		Cu	0.16	2.22	1.0718	13
		Hg	0.008	0.093	0.0296	13
		Ni	0.025	0.61	0.2131	5
		Pb	0.025	1.7	0.3414	13
		Zn	0.005	20.90	11.5696	13
021306	Elk River Area	Ag	0.025	0.025	0.0250	4
		As (4% inorganic)	0.0025	0.057	0.03241	13
		Cd	0.005	0.57	0.1100	14
		Cr	0.11	0.25	0.2302	14
		Cu	0.04	1.03	0.7067	14
		Hg	0.011	0.051	0.0222	14
		Ni	0.025	0.1	0.0400	5
		Pb	0.025	1.1	0.3139	14
		Zn	0.49	13.1	5.6416	14
021307	Bush River Area	Ag	0.025	0.025	0.0250	20
		As (4% inorganic)	0.0025	0.017	0.00343	22
		Cd	0.025	0.14	0.0356	22
		Cr	0.05	0.25	0.1205	22
		Cu	0.21	1.5	0.5273	22
		Hg	0.005	0.214	0.0446	22
		Ni	0.025	0.52	0.0861	22
		Pb	0.025	0.25	0.0518	22
		Zn	3.26	31.7	7.1264	22
021308	Gunpowder River Area	Ag	0.025	0.025	0.0250	21
		As (4% inorganic)	0.0025	0.025	0.0056	34
		Cd	0.005	0.27	0.0660	35
		Cr	0.05	2.09	0.2725	35
		Cu	0.005	18.90	1.0754	35
		Hg	0.006	0.201	0.0431	34
		Ni	0.025	2.05	0.2421	35
		Pb	0.025	2.2	0.4861	35
		Zn	3.14	49.10	10.2688	35
021309	Patapsco River Area	Ag	0.025	0.025	0.0250	16
		As (4% inorganic)	0.0025	0.187	0.01816	169
		Cd	0.005	2.71	0.6280	172
		Cr	0.05	1.5	0.2678	172
		Cu	0.005	5.63	2.0540	172
		Hg	0.0005	0.226	0.0359	208
		Ni	0.025	1.55	0.2090	34
		Pb	0.025	2.1	0.3968	172
		Zn	0.005	21.60	9.0867	172
021310	West Chesapeake Bay Area	Ag	0.025	0.025	0.0250	3
		As (4% inorganic)	0.0025	0.012	0.00488	5
		Cd	0.025	0.13	0.0750	5
		Cr	0.11	0.25	0.1885	5
		Cu	0.28	0.84	0.4440	5
		Hg	0.017	0.027	0.0219	5
		Ni	0.025	0.07	0.0363	5
		Pb	0.025	0.25	0.1427	5
		Zn	6.91	31.40	13.7460	5

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Six Digit	Basin Name	Metal	Min (ppm)	Max (ppm)	Weighted Avg (ppm)	# of Samples
021311	Patuxent River Area	Ag	0.025	0.025	0.0250	9
		As (4% inorganic)	0.0025	0.015	0.00471	25
		Cd	0.005	0.18	0.0564	27
		Cr	0.05	0.6	0.2105	27
		Cu	0.05	5.49	0.5602	27
		Hg	0.008	0.238	0.0491	26
		Ni	0.025	1.31	0.2173	26
		Pb	0.025	2.2	0.3854	27
		Zn	2.64	22	7.0948	27
021399	Chesapeake Bay	Ag	0.025	0.025	0.0250	2
		As (4% inorganic)	0.0025	0.139	0.01674	113
		Cd	0.005	1.21	0.1691	114
		Cr	0.05	3.3	0.6434	114
		Cu	0.005	8.55	0.7329	114
		Hg	0.003	0.401	0.0658	113
		Ni	0.025	3.32	0.8664	62
		Pb	0.025	3.4	0.7795	114
		Zn	0.005	22.2	6.2083	114
021401	Lower Potomac River Area	Ag	0.025	0.025	0.0250	20
		As (4% inorganic)	0.0025	0.121	0.01115	196
		Cd	0.005	0.95	0.0788	248
		Cr	0.025	2	0.3408	248
		Cu	0.005	11.9	0.6788	248
		Hg	0.002	0.248	0.0395	210
		Ni	0.025	9.45	0.4484	184
		Pb	0.025	8.7	0.7933	248
		Zn	0.23	53.5	8.1998	248
021402	Washington Metropolitan Area	Ag	0.025	0.025	0.0250	9
		As (4% inorganic)	0.001	0.032	0.00492	33
		Cd	0.005	1.04	0.0928	85
		Cr	0.1	1.5	0.2864	85
		Cu	0.005	3.06	0.3693	85
		Hg	0.011	0.179	0.0769	36
		Ni	0.025	5.12	0.7831	85
		Pb	0.025	3.6	0.5453	85
		Zn	1.5	25.80	7.3255	85
021403	Middle Potomac River Area	Ag	0.025	0.025	0.0250	5
		As (4% inorganic)	0.0025	0.017	0.00601	17
		Cd	0.005	0.13	0.0333	21
		Cr	0.12	0.28	0.2175	21
		Cu	0.09	6.74	0.7267	21
		Hg	0.012	0.304	0.0762	20
		Ni	0.025	0.88	0.2446	16
		Pb	0.025	1.6	0.2620	21
		Zn	3.17	14.6	8.0344	21
021405	Upper Potomac River Area	Ag	0.025	0.025	0.0250	4
		As (4% inorganic)	0.0025	0.023	0.00444	10
		Cd	0.005	0.25	0.0433	17
		Cr	0.1	0.44	0.1977	17
		Cu	0.11	3.17	0.4362	17
		Hg	0.009	0.165	0.0649	17
		Ni	0.025	3.65	0.1924	17
		Pb	0.025	0.6	0.1619	17
		Zn	3.87	19	8.6735	17
021410	North Branch Potomac River Area	Ag	0.025	0.025	0.0250	6
		As (4% inorganic)	0.001	0.014	0.00517	11
		Cd	0.005	0.15	0.0332	17
		Cr	0.1	0.25	0.1813	17
		Cu	0.21	1.69	0.4526	17
		Hg	0.01	0.315	0.1207	15
		Ni	0.025	0.31	0.0957	17
		Pb	0.025	0.8	0.1944	17
		Zn	3.28	14	6.1711	17
050202	Youghiogheny River	Ag	0.025	0.025	0.0250	3
		As (4% inorganic)	0.00025	0.009	0.00323	8
		Cd	0.025	0.24	0.0780	11
		Cr	0.12	0.25	0.1882	11
		Cu	0.13	0.72	0.3459	11
		Hg	0.019	0.16	0.0855	11
		Ni	0.025	0.36	0.0809	11
		Pb	0.025	1.17	0.2863	11
		Zn	4.08	10.3	5.6950	11