Appendix A
Battery Kemble Creek, Foundry Branch, and Dalecarlia Tributary TMDLs, WLAs, LAs, and Percent Reductions

Battery Kemble Creek Loads and TMDL – pounds/average year

Constituent	Total Load	TMDL	MOS (1%)	WLA	LA	Percent Reduction
Arsenic (total)	6.206E-01	1.862E-01	1.862E-03	1.782E-01	6.170E-03	70%
Copper (total)	2.264E+01	9.056E+00	9.056E-02	8.665E+00	3.001E-01	60%
Lead (total)	1.085E+01	3.798E+00	3.798E-02	3.634E+00	1.258E-01	65%
Zinc (total)	6.695E+01	6.695E+01	6.695E-01	6.406E+01	2.218E+00	0%

Foundry Branch Loads and TMDL – pounds/average year

Constituent	Total Load	TMDL	MOS (1%)	WLA	LA	Percent Reduction
Arsenic (total)	6.764E-01	1.691E-01	1.691E-03	1.674E-01	0.0	75%
Copper (total)	2.608E+01	1.043E+01	1.043E-01	1.033E+01	0.0	60%
Lead (total)	1.289E+01	3.868E-00	3.868E-02	3.830E+00	0.0	70%
Zinc (total)	7.816E+01	7.816E+01	7.816E-01	7.738E+01	0.0	0%

Maryland Dalecarlia Tributary Loads and TMDL – pounds/average year

Constituent	MD Existing Load	TMDL	MOS (1%)	Maryland Total Allocable
Chlordane	7.238E-04	1.086E-04	1.086E-06	1.075E-04
DDD	4.997E-04	4.997E-05	4.997E-07	4.947E-05
DDE	1.149E-03	9.189E-05	9.189E-07	9.097E-05
DDT	3.092E-03	9.277E-05	9.277E-07	9.184E-05
Dieldrin	6.083E-05	1.217E-05	1.217E-07	1.204E-05
Heptachlor Epoxide	1.057E-04	1.057E-05	1.057E-07	1.047E-05
PAH1	4.964E-02	4.964E+02	4.964E+04	4.915E-02
PAH2	2.941E-01	5.882E-03	5.882E-05	5.823E-03
PAH3	1.874E-01	3.748E-03	3.748E-05	3.711E-03

Constituent	Maryland Load	Atmospheric Load	TMDL (Land Based Source)	Percent Reduction
TPCB	6.167E-03	1.334E-03	4.833E-06	99.99%

District of Columbia Dalecarlia Tributary Loads and TMDL – pounds/average year

Constituent	DC Existing Load	TMDL	MOS (1%)	WLA	LA	Percent Reduction
Chlordane	2.594E-02	3.891E-03	3.891E-05	3.550E-03	3.015E-04	85%
DDD	1.791E-02	1.791E-03	1.791E-05	1.634E-03	1.388E-04	90%
DDE	4.116E-02	3.293E-03	3.293E-05	3.005E-03	2.552E-04	92%
DDT	1.108E-01	3.325E-03	3.325E-05	3.034E-03	2.576E-04	97%
Dieldrin	2.180E-03	4.360E-04	4.360E-06	3.979E-04	3.379E-05	80%
Heptachlor Epoxide	3.789E-03	3.789E-04	3.789E-06	3.458E-04	2.936E-05	90%
PAH1	1.779E+00	1.779E+00	1.779E-02	1.624E+00	1.379E-01	0%
PAH2	1.054E+01	2.108E-01	2.108E-03	1.924E-01	1.634E-02	98%
PAH3	6.716E+00	1.343E-01	1.343E-03	1.226E-01	1.041E-02	98%

Constituent	Total Load	Atmospheric Load	TMDL (Land Based Source)	WLA (Land Based Source)	LA (Land Based Source)	Percent Reduction
TPCB	2.210E-01	4.789E-02	1.731E-04	1.596E-04	1.355E-05	99.99%