

Appendix A
Oxon Run Organics, Metals, and Bacteria TMDLs, WLAs, LAs,
and Percent Reductions

District of Columbia Oxon Run Loads and TMDL – pounds/average year

Constituent	DC Existing Load	TMDL	MOS (1%)	WLA	LA	Percent Reduction
Arsenic (total)	6.3	2.0	0.02	1.8	.2	68%
Copper (total)	237.4	76.0	0.8	67.8	7.4	68%
Lead (total)	115.4	25.4	0.3	22.7	2.4	78%
Zinc (total)	706.4	706.4	7.1	631.3	68.1	0%
Chlordane	4.26E-02	7.24E-03	7.24E-05	6.51E-03	7.03E-04	83%
DDT	1.89E-01	5.66E-03	5.66E-05	5.02E-03	6.40E-04	97%
Dieldrin	4.04E-03	8.48E-04	8.48E-06	7.29E-04	1.19E-04	79%
Heptachlor Epoxide	6.63E-03	9.94E-04	9.94E-06	8.73E-04	1.22E-04	85%
PAH1	3.91E-00	3.91E-00	3.91E-02	3.51E-00	4.01E-01	0%
PAH2	2.29E+01	3.89E-01	3.89E-03	3.51E-01	3.81E-02	98%
PAH3	1.45E+01	2.91E-01	2.91E-03	2.63E-01	2.82E-02	98%
TPCB	3.65E-01	3.65E-04	3.65E-06	3.28E-04	3.78E-05	99.9%

Maryland Oxon Run Loads and TMDL – pounds/average year

Constituent	Maryland Existing Load	Maryland Allocated Load	MOS (1%)	Percent Reduction
Arsenic (total)	16.54	5.29	0.05	68%
Copper (total)	610.95	195.50	1.96	68%
Lead (total)	294.95	64.89	0.65	78%
Zinc (total)	1812.28	1812.28	18.12	0%
Chlordane	1.10E-01	1.87E-02	1.87E-04	83%
DDT	5.03E-01	1.51E-02	1.51E-04	97%
Dieldrin	1.15E-02	2.41E-03	2.41E-05	79%
Heptachlor Epoxide	1.81E-02	2.71E-03	2.71E-05	85%
PAH1	1.02E+01	1.02E+01	1.02E-01	0%
PAH2	5.88E+01	9.99E-01	9.99E-03	98%
PAH3	3.73E+01	7.46E-01	7.46E-03	98%
TPCB	9.52E-01	9.52E-04	9.52E-06	99.9%

District of Columbia Fecal Coliform Loads and TMDL - MPN/year

DC Existing Load	TMDL	MOS (1%)	WLA	LA	Percent Reduction
1.10E+15	1.10E+14	1.10E+12	9.82E+13	1.03E+13	90%

Maryland Fecal Coliform Allocated Loads and TMDL - MPN/year

DC Existing Load	TMDL	MOS (1%)	Percent Reduction
7.87E+14	7.87E+13	7.87E+11	90%