

Appendix A
Washington Ship Channel Organics TMDLs, WLAs, LAs,
and Percent Reductions

Tidal Basin Loads and TMDL – pounds/average year

| Constituent | Total Load | TMDL | MOS (10%) | WLA | LA | Percent Reduction |
|--------------------|------------|-----------|-----------|-----------|-----------|-------------------|
| Chlordane | 2.222E-02 | 8.003E-03 | 8.003E-04 | 3.980E-03 | 3.223E-03 | 63.99% |
| DDD | 6.782E-02 | 6.782E-03 | 6.782E-04 | 3.372E-03 | 2.732E-03 | 0% |
| DDE | 3.007E-02 | 8.003E-03 | 8.003E-04 | 3.980E-03 | 3.223E-03 | 73.38% |
| DDT | 7.732E-02 | 8.003E-03 | 8.003E-04 | 3.980E-03 | 3.223E-03 | 89.65% |
| Dieldrin | 6.556E-04 | 6.556E-04 | 6.556E-05 | 3.260E-04 | 2.641E-04 | 0% |
| Heptachlor Epoxide | 2.164E-03 | 1.492E-03 | 1.492E-04 | 7.419E-04 | 6.010E-04 | 31.03% |
| PAH1 | 1.489E+00 | 1.489E+00 | 1.489E-01 | 7.403E-01 | 5.996E-01 | 0% |
| PAH2 | 9.404E+00 | 4.205E-01 | 4.205E-02 | 2.091E-01 | 1.694E-01 | 95.53% |
| PAH3 | 6.063E+00 | 4.205E-01 | 4.205E-02 | 2.091E-01 | 1.694E-01 | 93.06% |

| Constituent | Total Load | Atmospheric Load | TMDL (Land Based Source) | WLA (Land Based Source) | LA (Land Based Source) | Percent Reduction |
|-------------|------------|------------------|--------------------------|-------------------------|------------------------|-------------------|
| TCB | 1.822E-01 | 1.025E-02 | 5.675E-04 | 3.141E-04 | 2.534E-04 | 99.67% |

Washington Ship Channel Loads and TMDL – pounds/average year

| Constituent | DC Existing Load | TMDL | MOS (10%) | WLA | LA | Percent Reduction |
|--------------------|------------------|-----------|-----------|------------|-----------|-------------------|
| Chlordane | 5.762E-02 | 2.075E-02 | 2.075E-03 | 1.315E-02 | 5.524E-03 | 63.99% |
| DDD | 1.758E-02 | 1.758E-02 | 1.758E-03 | 1.115E-02 | 4.681E-03 | 0% |
| DDE | 7.796E-02 | 2.075E-02 | 2.075E-03 | 1.3150E-02 | 5.524E-03 | 73.38% |
| DDT | 2.005E-01 | 2.075E-02 | 2.075E-03 | 1.3150E-02 | 5.524E-03 | 89.65% |
| Dieldrin | 1.700E-03 | 1.700E-03 | 1.700E-04 | 1.077E-03 | 4.525E-04 | 0% |
| Heptachlor Epoxide | 5.609E-03 | 3.869E-03 | 3.869E-04 | 2.452E-03 | 1.030E-03 | 31.03% |
| PAH1 | 3.860E+00 | 3.860E+00 | 3.860E-01 | 2.446E-00 | 1.027E-00 | 0% |
| PAH2 | 2.438E+01 | 1.090E-00 | 1.090E-01 | 6.910E-01 | 2.902E-01 | 95.53% |
| PAH3 | 1.572E+01 | 1.090E-00 | 1.090E-01 | 6.910E-01 | 2.902E-01 | 93.06% |

| Constituent | Total Load | Atmospheric Load | TMDL (Land Based Source) | WLA (Land Based Source) | LA (Land Based Source) | Percent Reduction |
|-------------|------------|------------------|--------------------------|-------------------------|------------------------|-------------------|
| TCB | 4.724E-01 | 5.147E-02 | 1.389E-03 | 9.788E-04 | 4.104E-04 | 99.67% |