



DEPARTMENT OF
ECOLOGY
State of Washington

GREEN-DUWAMISH POLLUTANT LOADING ASSESSMENT PROPOSED PARAMETER LIST

| Parameters | Ecology/EPA Justification |
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| PCBs | High concern to both WQ and CERCLA, accumulate in biota, ecological concern, fish consumption advisory, recontamination potential |
| cPAHs * | High concern to both WQ (most 303d listings) and CERCLA, accumulate in biota, ecological concern, recontamination potential |
| Dioxins/Furans (2,3,7,8 TCDD) | High concern to both WQ (most 303d listings) and CERCLA, accumulate in biota, recontamination potential |
| Arsenic | Concern for both WQ and CERCLA, ecological concern, natural sources in watershed |
| Phthalates (Bis-2EH phthalate) | Ecological concern (Primarily CERCLA), recontamination potential, accumulates in biota- surrogate for other phthalates |
| Copper | Ecological concern, aquatic toxicity concern for ESA species – indicator for built environment |
| Zinc | Ecological concern, aquatic toxicity concern for ESA species– indicator for built environment |
| Mercury | Limited 303d listings, concern for CERCLA, statewide fish consumption advisory, natural sources in watershed |

*cPAHs= benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h) anthracene, indeno(1,2,3-cd) pyrene