

Note: The lists have been updated since the 2003 Sediment Management Annual Review Meeting to correct several errors.

ATTACHMENT 2

Bioaccumulative Contaminants of Concern Lists Final – April 2003

List 1: Primary list of bioaccumulative contaminants of concern (Required for analysis)

~~Alpha-Benzene Hexachloride (alpha-BHC)~~

Arsenic
Cadmium
Chlordane
Chromium
Copper
Dioxins/Furans¹
Fluoranthene
Hexachlorobenzene
Lead
Mercury
Nickel
Pentachlorophenol
Total Aroclor PCB
Pyrene
Selenium
Silver
Tributyltin¹
Total DDT
Zinc

¹ Analysis requirements for dioxins/furans and tributyltin are determined on a project-by-project basis.

**List 2: Candidate list of bioaccumulative contaminants
(Strong concern and priority for study)**

1,2,4,5-Tetrachlorobenzene
4-Nonylphenol, branched
Benzo(e)pyrene
Biphenyl
Chlorpyrifos
Chromium VI
Dacthal
Diazinon
Endosulfan
Ethion
Heptachloronaphthalene
Hexachloronaphthalene
Kelthane
Mirex
Octachloronaphthalene
Oxadiazon
Parathion
Pentabromodiphenyl ether
Pentachloronaphthalene
Perylene
Tetrachloronaphthalene
Tetraethyltin
Trichloronaphthalene
Trifluralin

**List 3: Potentially bioaccumulative contaminants
(Lower priority for study)**

1,2,3,4-Tetrachlorobenzene
1,2,3,5-Tetrachlorobenzene
1,2,3-Trichlorobenzene
1,3,5-Trichlorobenzene
1-methylnaphthalene
1-methylphenanthrene
2,6-Dimethyl naphthalene
2-methylnaphthalene
4-bromophenyl phenyl ether
4,4'-Dichlorobenzophenone
Acenaphthene
Acenaphthylene
Aldrin
[Alpha-Benzene Hexachloride \(alpha-BHC\)](#)
Anthracene
Antimony
Benzo(a)anthracene
Benzo(a)pyrene
Benzo(b)fluoranthene
Benzo(k)fluoranthene
Benzo(g,h,i)perylene
Bis(2-ethylhexyl) phthalate
Butyl benzyl phthalate
C1-chrysenes/benzo(a)anthracene
C1-dibenz(a,h)anthracene
C1-fluoranthene/pyrene
C1-fluorenes
C1-naphthalenes
C1-phenanthrene/anthracene
C2-chrysenes/benzo(a)anthracene
C2-dibenz(a,h)anthracene
C2-fluorenes
C2-naphthalenes
C2-phenanthrene/anthracene
C3-chrysenes/benzo(a)anthracene
C3-dibenz(a,h)anthracene
C3-fluorenes
C3-naphthalenes
C3-phenanthrene/anthracene

List 3 (Continued)

C4-chrysenes/benzo(a)anthracene
C4-naphthalenes
C4-phenanthrene/anthracene
Chrysene
Dibenzo(a,h)anthracene
Dibenzothiophene
Dieldrin
Di-n-butyl phthalate
Di-n-octyl phthalate
Endosulfan sulfate
Ethoxylated nonylphenol phosphate
Fluorene
Gamma-Benzene Hexachloride (gamma-BHC or Lindane)
Heptachlor epoxide
Hexachlorobutadiene
~~Hexachloroethane~~
Indeno(1,2,3-c,d)pyrene
Methoxychlor
Nonylphenol
Pentachloroanisole
Phenanthrene
Polybrominated terphenyls
Polychlorinated alkenes
Polychlorinated terphenyls
Pronamide
Tetradifon
Toxaphene

List 4: Not currently considered to be a bioaccumulative contaminant

1,2,4-Trichlorobenzene
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
Bromoxynil
Dicamba
Dichlobenil
Dimethyl phthalate
Diuron
Endrin
Ethylbenzene
Fenitrothion
Guthion
Heptachlor
~~Hexachloroethane~~
Methyl parathion
Methyltin trichloride
Naphthalene
N-nitroso diphenylamine
Phenol
Tetrachloroethene
~~Toxaphene~~
Trichloroethene
Triphenyltin chloride