

Wahiawa Reservoir Fish Risk Assessment - Tier I Preliminary Investigation



| SUMMARY | 1 | 10 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | lcs | bl |
|-----------------------|------|-------|-------|------|------|-------|-------|------|------|------|-----|-------|
| %Lipids Determination | 6.1 | 0.4 | 5.7 | 5.9 | 5 | 11.2 | 1.2 | 0.6 | 1.3 | 0.4 | | |
| 4,4'-DDD | 3.9 | 3.3 | 3.9 | 6.6 | 3.3 | 6.2 | 10 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 |
| 4,4'-DDE | 33 | 3.3 | 34 | 40 | 13 | 29 | 130 | 7.5 | 12 | 15 | 3.3 | 3.3 |
| 4,4'-DDT | 6.4 | 9.3 | 6.5 | 9 | 4.1 | 9.1 | 10 | 4.3 | 9.3 | 9.3 | 3.3 | 3.3 |
| Aldrin | 1.7 | 1.7 | 1.7 | 3.3 | 1.7 | 1.7 | 5 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| alpha-BHC | 1.7 | 1.7 | 1.7 | 3.3 | 1.7 | 1.7 | 5 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| alpha-Chlordane | 5.5 | 1.7 | 5.5 | 21 | 1.7 | 8.9 | 5 | 1.7 | 2.1 | 1.7 | 1.7 | 1.7 |
| Aroclor-1016 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | | 50 |
| Aroclor-1221 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | | 50 |
| Aroclor-1232 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | | 50 |
| Aroclor-1242 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | | 50 |
| Aroclor-1248 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | | 50 |
| Aroclor-1254 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | | 50 |
| Aroclor-1260 | 63 | 50 | 61 | 120 | 75 | 50 | 50 | 200 | 50 | 50 | | 50 |
| beta-BHC | 1.7 | 1.7 | 1.7 | 3.3 | 1.7 | 2.8 | 5 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| Chlordane | 17 | 17 | 17 | 33 | 17 | 17 | 50 | 17 | 17 | 17 | 17 | 17 |
| Decachlorobiphenyl | 20 | 20.5 | 21.5 | 21 | 21 | 20.5 | 23 | 25 | 23 | 23 | 19 | 3.35 |
| delta-BHC | 1.7 | 1.7 | 1.7 | 3.3 | 1.7 | 1.7 | 5 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| Dieldrin | 3.7 | 3.3 | 3.8 | 6.6 | 3.3 | 6.6 | 10 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 |
| Endosulfan I | 1.7 | 1.7 | 1.7 | 3.3 | 1.7 | 1.7 | 5 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| Endosulfan II | 3.3 | 3.3 | 3.3 | 6.6 | 3.3 | 3.3 | 10 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 |
| Endosulfan sulfate | 3.3 | 3.3 | 3.3 | 6.6 | 3.3 | 3.3 | 10 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 |
| Endrin | 10 | 3.3 | 11 | 20 | 3.3 | 7.1 | 10 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 |
| Endrin aldehyde | 3.3 | 3.3 | 3.3 | 6.6 | 3.3 | 3.3 | 10 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 |
| Endrin ketone | 3.3 | 3.3 | 3.3 | 6.6 | 3.3 | 3.3 | 10 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 |
| gamma-BHC (Lindane) | 1.7 | 1.7 | 1.7 | 3.3 | 1.7 | 1.7 | 5 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| gamma-Chlordane | 2.1 | 1.7 | 2.1 | 5.3 | 1.7 | 3.7 | 5 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| Heptachlor | 1.7 | 1.7 | 1.7 | 3.3 | 1.7 | 1.7 | 5 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| Heptachlor epoxide | 1.9 | 1.7 | 1.7 | 4.3 | 1.7 | 1.9 | 5 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| Lead | 0.76 | 0.78 | 0.412 | 0.75 | 0.8 | 0.77 | 0.78 | 0.77 | 0.75 | 0.73 | | 0.76 |
| Mercury | 0.12 | 0.011 | 0.16 | 0.13 | 0.13 | 0.077 | 0.092 | 0.61 | 0.13 | 0.75 | | 0.012 |
| Methoxychlor | 17 | 17 | 17 | 33 | 17 | 17 | 50 | 17 | 17 | 17 | 17 | 17 |
| Solids, Percent | 29 | 22.3 | 29.8 | 29 | 26.4 | 33.5 | 25.9 | 21.9 | 23.5 | 22.3 | | 0 |
| Tetrachloro-m-xylene | 24 | 22.5 | 25.5 | 23.5 | 25.5 | 24 | 27 | 26 | 26 | 25 | 19 | 3.35 |
| Toxaphene | 170 | 170 | 170 | 330 | 170 | 170 | 500 | 170 | 170 | 170 | 170 | 170 |

Yellow background indicates data points above reporting limit.

Sample 3 was diluted by 2 and sample 6 was diluted by 3.
Reporting Limits are adjusted accordingly.

Tetrachloro-m-xylene data represents two different methods 8081A and 8082. Data were averaged for this table.

All Data subject to QA/QC validation and interpretation.