

Horseshoe Reservoir – Summary of Hg Concentrations

93 fish sampled = 3 Saugeye
4 Common Carp
9 White Sucker
4 Gizzard Shad
20 Rainbow Trout
6 Channel Catfish
1 Black Crappie
46 Small Mouth Bass

37 Composite Samples = 1 Common Carp, composited 4 fish per sample
1 Black Crappie, composited 1 fish per sample
6 Channel Catfish, composited 1 fish per sample
16 Small Mouth Bass, composited 3 fish per sample
4 Rainbow Trout, composited 5 fish per sample
3 Saugeye, composited 1 fish per sample
2 White Sucker, composited 5 fish per sample
4 Gizzard Shad, composited 1 fish per sample

Results:

For the Black Crappie samples = <0.1 = all below 0.5

For the Channel Catfish samples = 0.1, <0.01 , <0.01 , <0.01 , 0.15, <0.01 = all below 0.5

For the Common Carp samples = 0.01 = all below 0.5

For the Gizzard Shad samples = <0.01 , <0.01 , <0.01 , <0.01 = all below 0.5

For the Rainbow Trout samples = <0.01 , <0.01 , <0.01 , <0.01 = all below 0.5

For the Saugeye samples = **0.67, 0.91, 0.52** = **3 samples out of 3 are equal or above 0.5**

For the Small Mouth Bass samples = 0.43, 0.2, 0.21, 0.2, 0.25, 0.3, 0.41, 0.15, 0.24, 0.15, 0.37, 0.18, **0.56**, 0.24, 0.18, 0.16 = **1 Sample equal or above 0.5**

For the White Sucker samples = <0.01 , 0.13 = all below 0.5