

The following provide further information regarding fish and fish habitat inventory standards and procedures, presented in the Resources Inventory Committee (RIC) Standards. RIC Standards must be consulted to provide a context for this information.

## Water Sampling: The Metals Package

**This information relates to:** Reconnaissance (1:20,000) Fish and Fish Habitat Inventory, Chapter 3.

### Purpose/Problem

To clarify the requirements for water sampling for reconnaissance lake surveys, to ensure that a minimum standard set of analyses is requested from EDQA laboratories.

### Discussion

The minimum metals package required for a reconnaissance fish and fish habitat inventory must include analysis of the following metals to the given MDL:

Metal	MDL (mg/L)
Aluminum	0.06
Arsenic	0.04
Calcium	0.05
Copper	0.002
Iron	0.05

Metal	MDL (mg/L)
Magnesium	0.02
Manganese	0.002
Potassium	0.4
Sodium	0.4
Zinc	0.01

[**Note:** MDL (Minimum Detection Level), is the same as MDC, Minimum Detectable Concentration.]

Please note that the concentrations shown above are minimum figures. If the lab offers better (lower) MDLs at no additional cost, accept the option. The ones given are those met by most of the labs with their "high level" analyses.