

# Laboratory Data Submission Standards for Water Quality

Yukon Water Board  
Water Resources  
Compliance Monitoring and Inspections



Yukon  
Water Board



Yukon  
Environment

## **Introduction**

The Yukon Water Board, Water Resources and Compliance Monitoring and Inspections developed the following standards to ensure Water Quality data submissions are complete and accurate. Doing so will enable all current and future users' access to data. The Yukon Water Board requires submission of water quality data as stated in some licenses both in hard copy and in digital format.

## **Laboratory Submission Standards**

All the required water quality data that is submitted digitally under a water licence needs to include copies of the original laboratory report as well as the data presented in the 'Yukon EQWin' framework. Submissions must include:

- Laboratory data uploaded electronically to Waterline in the 'Yukon EQWin' framework, in one of the following formats (.csv, .xls, or .xlsx)
- Metadata fields must be recorded on the chain-of-custody (COC) form in order to provide the laboratory with adequate information to meet the requirements of the 'Yukon EQWin' framework. Required metadata information is:
  - Sample Date
  - Sample Time
  - Station Code
  - Sample Class

"LP": Sample taken by licensee as required by licence

"LM": Sample taken by licensee for other monitoring purposes

"LS": Sample taken by licensee in response to spill or unplanned discharge

"LQS": QA/QC split or duplicate sample taken by licensee

"LQR": QA/QC replicate sample taken by licensee

"LQFB": QA/QC field blank sample taken by licensee

"LQTB": QA/QC trip blank sample taken by licensee
- Field data (in-situ) data submitted in one of the following formats (.csv, .xls, or .xlsx).

## **Reporting Using Yukon EQWin Framework**

We have worked with a number of laboratories to ensure that the 'Yukon EQWin' framework is available when requested. Licensees may request the format from laboratories by speaking with their laboratory account manager and/or by requesting the 'Yukon EQWin' format on the COC form. The following laboratories will produce a file that meets these standards:

- AGAT Laboratories
- ALS Environmental
- CARO Analytical Services
- Exova
- Maxxam Analytics

If you want to work with laboratories not on this list, contact the Water Information Specialist at Water Resources Branch, Yukon Environment or the Chief, Water Quality Research and Laboratory Services, at Compliance Monitoring and Inspection, Energy Mines and Resources (CMI).

Data which have been authorized to have analysis performed by internal laboratories do not require use of the 'Yukon EQWin' framework. However, such data must be clearly identified as originating from an internal laboratory.

For assistance please contact:

Water Information Specialist, Environment Yukon	867-456-6538
<a href="mailto:water.resources@gov.yk.ca">water.resources@gov.yk.ca</a>	

Chief, Water Quality Research and Laboratory Services, CMI	867-667-3211
<a href="mailto:mark.nowosad@gov.yk.ca">mark.nowosad@gov.yk.ca</a>	

Data Management Specialist, Yukon Water Board	867-456-3801
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