



# CALA

Canadian Association for  
Laboratory Accreditation Inc.

## CALA Directory of Laboratories

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**Membership Number:** 3613  
**Laboratory Name:** ACRWC Laboratory  
**Parent Institution:** Alberta Capital Region Wastewater Commission  
**Address:** 23262 Township Road 540 Fort Saskatchewan AB T8L 4A2  
**Contact:** Mr. Craig Bell  
**Phone:** (780) 467-8655  
**Fax:**  
**Email:** cbell@acrwc.ab.ca

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**Standard:** Conforms with requirements of ISO/IEC 17025  
**Clients Served:** Internal Clients Only  
**Revised On:** September 25, 2018  
**Valid To:** March 25, 2021

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### Scope of Accreditation

#### Water (Inorganic)

Ammonia - Water [Wastewater] (006)  
LAB060.AMMONIA; modified from SM 4500-NH3 D  
SELECTIVE ION ELECTRODE  
Ammonia

#### Water (Inorganic)

Carbonaceous Biochemical Oxygen Demand (CBOD) - Water [Wastewater] (002)  
LAB020.5DAY BOD AND CBOD; modified from SM 5210 B  
D.O. METER  
CBOD (5 day)

#### Water (Inorganic)

Chemical Oxygen Demand (COD) - Water [Wastewater] (007)  
LAB080.CHEMICAL OXYGEN DEMAND (COD); modified from SM 5220 D  
COLOR - DIGESTION  
COD

#### Water (Inorganic)

Hydrocarbons - Water (010)  
LAB090-HEM&SGT-HEM; modified from SM 5520 F  
SOLID PHASE EXTRACTION and SILICA GEL TREATMENT  
Mineral Oil and Grease

#### Water (Inorganic)

Oil and Grease - Water (009)  
LAB090-HEM&SGT-HEM; modified from SM 5520 G  
GRAVIMETRIC - EXTRACTION  
Total Oil and Grease

† "OSDWA" indicates the appendix is used for the analysis of Ontario drinking water samples, which is subject to the rules and related regulations under the Ontario "Safe Drinking Water Act" (2002).

The list of tests and measurement capabilities for which a laboratory is accredited can change at any time due to circumstances such as scope extensions, voluntary withdrawal of tests by the laboratory and suspension. Scopes are published by the CALA via the Internet at [http://www.cala.ca/cala\\_directories.html](http://www.cala.ca/cala_directories.html)

**Water (Inorganic)**

pH - Water [Wastewater] (004)  
LAB040.pH; modified from SM 4500-H+ B  
pH METER  
pH

**Water (Inorganic)**

Solids - Water [Wastewater] (001)  
LAB010.TSS, LAB010.VSS; modified from SM 2540 D  
GRAVIMETRIC  
Total Suspended Solids

**Water (Inorganic)**

Total Kjeldahl Nitrogen (TKN) - Water (008)  
LAB070-TKN; modified from SM 4500-NORG A and SM 4500-NORG C and SM 4500-NORG D  
ION SELECTIVE ELECTRODE  
Total Kjeldahl Nitrogen

**Water (Inorganic)**

Total Phosphorus - Water [Wastewater] (003)  
LAB030.TOTAL PHOSPHORUS; modified from SM 4500-P B and SM 4500-P D  
COLOR - DIGESTION  
Total Phosphorus

**Water (Microbiology)**

Coliforms - Water [Wastewater] (005)  
LAB050.E.COLI; modified from SM 9222 A and SM 9222 B and SM 9222 D and SM 9222 I  
MEMBRANE FILTRATION (NA-MUG)  
Escherichia coli

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