



# WATER TESTING AT ALS

If you are a confirmed member of AWWOA, ALS will provide you with a 15% discount on any drinking water or wastewater quotation request. Please contact [als-awwoa@alsglobal.com](mailto:als-awwoa@alsglobal.com) for pricing inquiries.

Many of the ALS laboratories in Canada offer drinking water and wastewater analytical services. Our expert staff have experience with testing not only your water quality, but also the content of any biosludge or solid waste from your treatment processes. We can provide detailed analytical reports that can be easily reviewed against municipal bylaws, as well as provincial or federal regulations.

The mission at ALS is simple: provide world-class customer service and reliable analytical testing to help clients make informed decisions. This objective is the very heart of ALS. From the Chemist performing the analysis to the Project Manager communicating with you every step of the way, ALS offers your company the best value and the best experience in the marketplace.

## Wastewater Systems Effluent Regulation (WSER)

The Wastewater Systems Effluent Regulations (WSER) is a federal wastewater regulation under the Fisheries Act that came into effect in July 2012. The regulation is the culmination of discussions by the Canadian Council of Ministers of the Environment (CCME) since 2009 to establish a national wastewater standard. The WSER applies to most wastewater treatment systems across Canada that discharge sanitary wastewater effluent to natural receiving water at a daily influent volume of 100 m<sup>3</sup>/day or more. It establishes limits for deleterious substances in the wastewater plant effluent that can be released into the natural environment. The substances and the limits are: Carbonaceous BOD: <25 mg/L, Total Suspended Solids: <25 mg/L, Total Residual Chlorine: <0.02 mg/L, based on a calculated average, and a maximum of Un-ionized Ammonia: <1.25 mg/L (as N) at 15°C ± 1°C. In addition, the effluent cannot be acutely lethal in a trout acute lethality test.

ALS is able to deliver testing for the WSER monitoring provisions, which came into effect on January 1, 2013. We offer services for all requirements of the regulation, including flow monitoring, effluent sampling, and assistance with multiple reports.

Please contact your local ALS laboratory for a list of tests accredited to the ISO 17025 standard by the Canadian Association for Laboratory Accreditation (CALA) that will meet your water, wastewater and solid waste testing requirements.

## Benefits of Using ALS

SERVICE	VALUE	RELIABILITY
<ul style="list-style-type: none"> <li>• On-time data delivery and rapid turnaround times</li> <li>• Responsive Project Managers with experience and expertise</li> <li>• Available after-hours and weekends</li> <li>• Talk to a real person anxious to help — no automated phone system during business hours</li> </ul>	<ul style="list-style-type: none"> <li>• Laboratories across Canada able to deliver accredited testing in accordance with WSER</li> <li>• Custom bottle kits with pre-printed labels and COCs, built to exceed client expectations</li> <li>• Access your live data and reports with Webtrieve™ and the Webtrieve™ Mobile smartphone app</li> </ul>	<ul style="list-style-type: none"> <li>• Technical experts that can answer your most difficult questions</li> <li>• Data quality that you can count on</li> <li>• Consistent and accurate reports with exceptional data packages</li> <li>• A real focus on quality and process control with a rigorous QA/QC program</li> </ul>

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## Additional Capabilities and Services

- Specializing in drinking water and wastewater analysis to meet local permitting and bylaw requirements
- Geosmin analysis to understand unusual odours
- Reports available with limits for most common criteria, bylaws, guidelines, and regulations
- Webtrieve™ online data access - includes information on historical data, graphing capabilities, and ability to combine data into a single, annual report
- Sewage treatment monitoring: pH, BOD, and TSS
- Competitive pricing
- Expert staff and support
- Client-specific custom testing packages
- Client-specific custom kits to meet most municipal sewer bylaws, including pre-labelled bottle sets
- Drinking water testing for inorganic and organic compounds
- Local sample pick-up and supply delivery within 25 km radius of laboratories

ALS provides a wide variety of services to industrial and consulting clientele, including those in aerospace, automotive, environmental and construction engineering, mining, petrochemical, pharmaceutical, pulp and paper, transportation, utilities, and waste management industries. In addition, we provide services to federal, provincial, territorial, and municipal agencies.

Our general services include physical, inorganic, organic, and microbiological analyses to meet all your water and wastewater testing requirements.



Scan the QR code or visit  
[WWW.ALSGLOBAL.COM](http://WWW.ALSGLOBAL.COM)

