

# ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES



## Environmental Division

North America v9.1



## North American Centre of Excellence: Solving the Toughest Problems with Stellar Forensic Science

ALS has a long history of solving difficult problems. This could not be more evident in the NACE's forensic services department, as this is exactly what we do for our clients. We solve the problems other labs fail to do, because NACE is more than just an analytical laboratory. Forensic science is the application of a broad spectrum of sciences to answer questions of interest or concern. Our clients have posed many difficult questions regarding forensic services, and we have successfully answered them after our investigation. The examples below provide just a glimpse of what this division is capable of.

We continue to stay focused on our strengths: quality, integrity, and service. ALS Laboratory Group provides solutions for today's most complex challenges. When the circumstance demands more than the ordinary, trust ALS to deliver performance excellence.

### *Our clients have asked these tough questions and we provided the answers. Do any of these questions apply to you?*

- "Our company has discovered fuel contamination on our site. Can you tell us what it is, where it came from and how old it is?"
- "My wastewater effluent is toxic and I am violating my operating permit. Can you tell me what is causing the toxicity and where it is coming from in my process?"
- "Our municipality is concerned about the release of treated sewage, containing endocrine disrupting compounds (EDCs), into the North Saskatchewan River, an interprovincial waterway. Can you tell us if we have an EDC problem and tell us what the EDCs are?"
- "Our company had an accident and a flow back tank exploded, releasing material to the environment. The Federal Government is concerned that quinolinium chloride was released. Can you analyze for this?"
- "A food processor is using a surfactant dioctyl sodium sulfosuccinate (DSS). A large spill occurred contaminating the surrounding area. Can you analyze for those as well?"
- "I represent the occupational health and safety division of a large oil company. We have some employees engaged in high-risk activities. Can you design a biomonitoring program to determine whether our safety practices are working?"



- "We are investigating a fatality and trying to determine cause of death. Our screening procedures have failed to find a cause. Can you help?"
- "I am a physician and have a chronically ill patient. Interrogation of this individual suggests possible exposure to a multitude of chemicals including flame retardants, perfluorinated compounds, pesticides, plasticizers and PAHs. Can you suggest a testing program to confirm these suspicions and assist in the interpretation of the findings?"
- "I am a physician retained by a hazardous waste disposal facility. Can you develop a monitoring program for occupational exposure to PCBs. Can you help interpret the data, in particular exposure assessment of high risk individuals (women of child bearing age or pregnant)?"

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***Performance is Everything!***

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#### ALS Environmental Locations Across North America

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Waterloo · Burlington · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Salt Lake City Mexico: Monterrey