



02/28/2011

Laboratory ID: 101939

Kari Mulroy  
ALS Environmental - Edmonton  
9936 67 Ave.,  
Edmonton, AB T6E 0P5,  
CANADA

Dear Ms. Kari Mulroy:

Congratulations! The AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC's Analytical Accreditation Board (AAB) has approved ALS Environmental - Edmonton as an accredited Industrial Hygiene laboratory.

Enclosed, please find the IHLAP accreditation certificate, scope of accreditation document and a copy of the current AIHA-LAP, LLC license agreement (if your completed agreement is not on file at AIHA-LAP, LLC). The accreditation logo has been designed for use by all AIHA-LAP, LLC accredited laboratories. If your laboratory chooses to use the logo in its advertising the laboratory's accreditation, you must complete and return the AIHA-LAP, LLC license agreement to a Laboratory Accreditation Specialist. Once submitted, an electronic copy of the accreditation logo will be sent to you. Please inform us if your laboratory does not wish to use the logo in advertising.

Laboratory accreditation shall be maintained by continued compliance with IHLAP requirements (*see Policy Modules 2B and 6B*), which includes proficient participation in the IHPAT programs for all Fields of Testing (FoTs) for which the laboratory is accredited. An accredited laboratory that wishes to expand into a new FoT must submit an updated accreditation application to AIHA-LAP, LLC for review by the AAB.

Any changes in ownership, laboratory location, personnel, FoTs/Methods, or significant procedural changes shall be reported to AIHA-LAP, LLC in writing within twenty (20) business days of the change.

The accreditation certificate is the property of AIHA-LAP, LLC and must be returned to us should your laboratory withdraw or be removed from the IHLAP.

Again, congratulations. If you have any questions, please contact Edmund Wong, Laboratory Accreditation Specialist, at (703) 846-0716.

Sincerely,

A handwritten signature in black ink that reads "Cheryl O. Morton". The signature is written in a cursive style.

Cheryl O. Morton  
Director,  
AIHA Affiliate Laboratory Programs  
Enclosure



**AIHA**

Laboratory Accreditation  
Programs, LLC

## AIHA Laboratory Accreditation Programs, LLC

*acknowledges that*

### **ALS Environmental - Edmonton**

9936 67th Avenue, Edmonton, AB T6E 0P5, CANADA

Laboratory ID: 101939

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC accreditation to the ISO/IEC 17025:2005 international standard, *General Requirements for the Competence of Testing and Calibration Laboratories* in the following:

#### **LABORATORY ACCREDITATION PROGRAMS**

- INDUSTRIAL HYGIENE      Accreditation Expires: 03/01/2013
- ENVIRONMENTAL LEAD      Accreditation Expires:
- ENVIRONMENTAL MICROBIOLOGY      Accreditation Expires:
- FOOD      Accreditation Expires:

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached **Scope of Accreditation**. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2005 and AIHA-LAP, LLC requirements. This certificate is not valid without the attached **Scope of Accreditation**. Please review the AIHA-LAP, LLC website ([www.aihaaccreditedlabs.org](http://www.aihaaccreditedlabs.org)) for the most current Scope.

*Christine Powell*

Christine Powell

Chairperson, Analytical Accreditation Board

Revision 10: 01/13/2011

*Cheryl O. Morton*

Cheryl O. Morton

Director, AIHA Laboratory Accreditation Programs, LLC

Date Issued: 03/01/2011



# AIHA Laboratory Accreditation Programs, LLC

## SCOPE OF ACCREDITATION

ALS Environmental - Edmonton  
 9936 67th Avenue, Edmonton, AB T6E 0P5, Canada

Laboratory ID: 101939  
 Issue Date: 11/22/2011

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or revocation. A complete listing of currently accredited Industrial Hygiene laboratories is available on the AIHA-LAP, LLC website at: <http://www.aihaaccreditedlabs.org>

### Industrial Hygiene Laboratory Accreditation Program (IHLAP)

**Initial Accreditation Date: 01/01/1989**

IHLAP Scope Category	Field of Testing (FoT)	Technology sub-type/ Detector	Published Reference Method/Title of In-house Method	Method Description or Analyte <i>(for internal methods only)</i>
<b>Chromatography Core</b>	Gas Chromatography	GC/FID	NIOSH 1003	
			NIOSH 1400	
			NIOSH 1450	
			NIOSH 1500	
			NIOSH 1501	
			NIOSH 1550	
			OSHA 07	
			OSHA 69	
			OSHA 84	
	GC/MS		EPA TO-15	
			EPA TO-17	
	GC- Diffusive Sampler		OSHA 1002	
			OSHA 1005	
			OSHA 111	
Ion Chromatography (IC)		NIOSH 7903		
		NIOSH 7906		
Liquid Chromatography		HPLC/ UV	NIOSH 2016	
			NIOSH 2018	
<b>Spectrometry Core</b>	Atomic Absorption	CVAA	NIOSH 6009	
			OSHA ID-145	
	Inductively-Coupled Plasma	ICP/MS	NIOSH 7303	
			NIOSH 7603	
<b>Asbestos/Fiber Microscopy Core</b>	Polarized Light Microscopy (PLM)		NIOSH 9002	
			Phase Contrast Microscopy (PCM)	NIOSH 7400 A Rules



IHLAP Scope Category	Field of Testing (FoT)	Technology sub-type/ Detector	Published Reference Method/Title of In-house Method	Method Description or Analyte <i>(for internal methods only)</i>
Miscellaneous Core	Gravimetric		NIOSH 0500	
	Ion-selective electrode (ISE)		NIOSH 7902	
Compressed/ Breathing Air Testing	Gas Chromatography	GC/ FID	EPA - 18	
		GC/TCD	EPA - 18	

The laboratory participates in the following AIHA-LAP, LLC-approved proficiency testing programs:

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>✓ AIHA-PAT Programs, LLC IHPAT Metals</li> <li>✓ AIHA-PAT Programs, LLC IHPAT Organic Solvents</li> <li>✓ AIHA-PAT Programs, LLC IHPAT Silica</li> <li>✓ AIHA-PAT Programs, LLC IHPAT Diffusive Sampler (3M)</li> <li>☐ AIHA-PAT Programs, LLC IHPAT Diffusive Sampler (SKC)</li> <li>☐ AIHA-PAT Programs, LLC IHPAT Diffusive Sampler (AT)</li> <li>✓ AIHA-PAT Programs, LLC IHPAT Asbestos</li> <li>✓ AIHA-PAT Programs, LLC Bulk Asbestos (BAPAT)</li> <li>☐ AIHA-PAT Programs, LLC Beryllium (BePAT)</li> <li>☐ HSE Workplace Analytical Scheme for Proficiency (WASP) (Formaldehyde)</li> <li>☐ HSE Workplace Analytical Scheme for Proficiency (WASP) (Thermal Desorption Tubes)</li> </ul> | <ul style="list-style-type: none"> <li>☐ Pharmaceutical Round Robin</li> <li>✓ Compressed/Breathing Air Round Robin</li> <li>☐ National Voluntary Laboratory Accreditation Program (NVLAP - determined at the time of site assessment)</li> <li>☐ New York State Department of Health (NYS DOH – PCM and TEM)</li> <li>☐ ERA Air and Emissions standards for indoor air quality</li> <li>☐ Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung (IFA, formerly BGIA)</li> <li>☐ Institut de Recherche Robert-Sauvé en Santé et en Sécurité du Travail (IRSST)</li> </ul> |
|--|--|



November 22, 2011

Laboratory ID: 101939

Kari Mulroy  
ALS Environmental (Edmonton)  
9936 67 Avenue  
Edmonton, AB T6E 0P5  
CANADA

Dear Ms. Mulroy:

Congratulations! AIHA Laboratory Accreditation Programs, LLC is pleased to announce that your laboratory has regained an overall proficient status at the close of the most recent proficiency analytical testing round for the following analysis: Compressed Air Proficiency Testing, thus removing your laboratory's suspension. ALS Environmental (Edmonton) is fully reinstated to perform GC/ FID and GC/TCD analysis.

If you have any questions or need assistance, please do not hesitate to contact me at (703) 846-0780.

Sincerely,

A handwritten signature in black ink that reads "Angela Oler".

Angela Oler  
Accreditation Manager  
AIHA-LAP, LLC