



March 31, 2017

Laboratory ID: 102170

Helen Penn  
Navy Environmental and Preventive Medicine Unit Two CIHL Norfolk  
1285 West D Street Bldg. U-238  
Norfolk, VA 23511-3394

Dear Ms. Penn:

Congratulations! The AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC's Analytical Accreditation Board (AAB) has approved Navy Environmental and Preventive Medicine Unit Two CIHL Norfolk as an accredited Industrial Hygiene and Environmental Lead laboratory.

Accreditation documentation includes the IHLAP and ELLAP 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 symbol has been designed for use by all AIHA-LAP, LLC accredited laboratories. If your laboratory chooses to use the symbol 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 symbol will be sent to you. Please inform us if your laboratory does not wish to use the symbol in advertising.

Laboratory accreditation shall be maintained by continued compliance with IHLAP and ELLAP requirements (*see Policy Modules 2B, 2C, and 6*), which includes proficient participation in AIHA-LAP, LLC approved proficiency testing, demonstration of competency, or round robin program as indicated on the AIHA-LAP "Approved PT and Round Robin" webpage, its associated Scope/PT table, and as required in Policy Module 6, 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 and ELLAP.

Again, congratulations. If you have any questions, please contact Lauren Schnack, Senior Specialist, Quality and Accreditation, at (703) 846-0716.

Sincerely,

Cheryl O. Morton  
Managing Director  
AIHA Laboratory Accreditation Programs, LLC



## AIHA Laboratory Accreditation Programs, LLC

*acknowledges that*

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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**

- |   |                                     |
|---|-------------------------------------|
| <input checked="" type="checkbox"/> <b>INDUSTRIAL HYGIENE</b> | Accreditation Expires: May 01, 2019 |
| <input checked="" type="checkbox"/> <b>ENVIRONMENTAL LEAD</b> | Accreditation Expires: May 01, 2019 |
| <input type="checkbox"/> <b>ENVIRONMENTAL MICROBIOLOGY</b>    | Accreditation Expires:              |
| <input type="checkbox"/> <b>FOOD</b>                          | Accreditation Expires:              |
| <input type="checkbox"/> <b>UNIQUE SCOPES</b>                 | 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.

*William Walsh, CIH*  
Chairperson, Analytical Accreditation Board

*Cheryl O. Morton*  
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Revision 15: 03/30/2016

Date Issued: 03/31/2017



# AIHA Laboratory Accreditation Programs, LLC

## SCOPE OF ACCREDITATION

**Navy Environmental and Preventive Medicine**  
**Unit Two CIHL Norfolk**  
 1285 West D Street Bldg. U-238, Norfolk, VA 23511-3394

Laboratory ID: **102170**  
 Issue Date: 03/31/2017

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 withdrawal of accreditation.

### Industrial Hygiene Laboratory Accreditation Program (IHLAP)

**Initial Accreditation Date: 01/01/1976**

IHLAP Scope Category	Field of Testing (FoT) (FoTs cover all relevant IH matrices)	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 1006	
			NIOSH 1007	
			NIOSH 1018	GC-36 Freon 12 (Dichlorodifluoromethane); GC-38 Chlorodifluoromethane (Freon 22); GC-97 1,1,1,2-Tetrafluoroethane (Freon 134A)
			NIOSH 1020	
			NIOSH 1301	
			NIOSH 1403	GC-61 PGEE (Propylene Glycol Ethyl Ether); GC-89 Hexylene Glycol
			NIOSH 1550	
			NIOSH 1552	
			NIOSH 1604	
			NIOSH 1606	
			NIOSH 1610	
			NIOSH 1611	
			NIOSH 1619	
			NIOSH 2000	
			NIOSH 2004	
			NIOSH 2500	
			NIOSH 2516	
NIOSH 2526				



IHLAP Scope Category	Field of Testing (FoT) (FoTs cover all relevant IH matrices)	Technology sub-type/ Detector	Published Reference Method/Title of In-house Method	Method Description or Analyte <i>(for internal methods only)</i>
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2545	
			NIOSH 2546	
			OSHA 103	GC-6 Anesthetics; GC-66 Sevoflurane
			OSHA 104	GC-19 Di-butyl Phthalate; GC-20 Di-(2-ethylhexyl) Phthalate (DEHP); GC-21 Di-ethyl Phthalate; GC-22 Dimethyl Phthalate; GC-23 Di-n-Octyl Phthalate
			OSHA 106	
			OSHA 16	
			OSHA 19	
			OSHA 29	
			OSHA 35	
			OSHA 51	
			OSHA 56	
			OSHA 7	GC-1 Organic Vapors; GC-12 Camphor; GC-93 Ethyl Ether
			OSHA 79	GC-30 2-Ethoxyethanol; GC-31 2-Ethoxyethyl Acetate; GC-45 2-Methoxyethanol; 46 2-Methoxyethyl Acetate
			OSHA 83	
			OSHA 89	
			OSHA 92	
			OSHA 94	
			OSHA 99	GC-62 PGME (Propylene Glycol Monomethyl Ether); GC-63 PGMEA (Propylene Glycol Monomethyl Ether Acetate)
			OSHA PV2009	
			OSHA PV2014	
OSHA PV2016				
OSHA PV2025				
OSHA PV2029				
OSHA PV2036				
OSHA PV2043				
OSHA PV2047				
OSHA PV2060				
OSHA PV2061				



IHLAP Scope Category	Field of Testing (FoT) (FoTs cover all relevant IH matrices)	Technology sub-type/ Detector	Published Reference Method/ Title of In-house Method	Method Description or Analyte <i>(for internal methods only)</i>
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2080	
			OSHA PV2095	
			OSHA PV2108	
		GC/ECD	NIOSH 2507	GC-54 Nitroglycerin; GC-60 PGDN (Propylene Glycol Dinitrate)
			OSHA 44	GC-70 2,4,6-Trinitrotoluene (TNT), Dinitrotoluene (DNT) 2,4-/2, 6-; GC-86 2,4 and 2,6 Dinitrotoluene (DNT)
			OSHA 62	GC-18 Diazinon; GC-29 Dursban (Chlorpyrifos); GC-43 Malathion; GC-85 Pesticides Scan
			OSHA 70	GC-64 Pyrethrum
			OSHA PV2055	
			OSHA PV2135	
			P & CAM 304	
			GC/NPD	NIOSH 5037
		NIOSH 5038		
		OSHA 21		
	Gas Chromatography (Diffusive Samplers)		OSHA 07	
	Ion Chromatography (IC)		NIOSH 6011	
			NIOSH 7902	
			NIOSH 7906	
			OSHA ID-111	
			OSHA ID-113	
			OSHA ID-165SG	
			OSHA ID-174SG	
			OSHA ID-182	
			OSHA ID-188	
			OSHA ID-190	
OSHA ID-200				
OSHA ID-214				
OSHA ID-215				
Liquid Chromatography	HPLC/FL	OSHA 42		
		OSHA 47		



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<b>Chromatography Core</b>	Liquid Chromatography	HPLC/UV	NIOSH 2016	
			NIOSH 2532	
			NIOSH 333	
			NIOSH 5004	
			OSHA 105	
			OSHA 32	
			OSHA 64	
<b>Spectrometry Core</b>	Inductively-Coupled Plasma	ICP/AES	NIOSH 7300	
			OSHA ID-206	
<b>Asbestos/Fiber Microscopy Core</b>	Polarized Light Microscopy (PLM)		NIOSH 9002	
	Phase Contrast Microscopy (PCM)		NIOSH 7400	
<b>Miscellaneous Core</b>	Gravimetric		NIOSH 0500	
			NIOSH 0600	
<b>Beryllium Testing</b>	Inductively-Coupled Plasma	ICP/AES	NIOSH 7300	
			OSHA ID-206	

A complete listing of currently accredited Industrial Hygiene laboratories is available on the AIHA-LAP, LLC website at: <http://www.aihaaccreditedlabs.org>



## AIHA Laboratory Accreditation Programs, LLC SCOPE OF ACCREDITATION

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The EPA recognizes the AIHA-LAP, LLC ELLAP program as meeting the requirements of the National Lead Laboratory Accreditation Program (NLLAP) established under Title X of the Residential Lead-Based Paint Hazard Reduction Act of 1992 and includes paint, soil and dust wipe analysis. Air and composited wipes analyses are not included as part of the NLLAP.

### **Environmental Lead Laboratory Accreditation Program (ELLAP)**

**Initial Accreditation Date: 10/01/2006**

Field of Testing (FoT)	Technology sub-type/ Detector	Method	Method Description <i>(for internal methods only)</i>
<b>Paint</b>		NIOSH 7300	
		OSHA ID-206	
<b>Settled Dust by Wipe</b>		NIOSH 7300	
		OSHA ID-206	
<b>Airborne Dust</b>		NIOSH 7300	
		OSHA ID-206	

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