



State of Utah  
GARY R HERBERT  
*Governor*  
GREGORY S BELL  
*Lieutenant Governor*

**Utah Department of Health**

David N. Sundwall, MD

*Executive Director*

**Disease Control and Prevention**

Patrick F. Luedtke, MD, MPH.

*Director Unified State Labs - Public Health*

**Bureau of Laboratory Improvement**

David B Mendenhall, MPA, MT (ASCP)

*Bureau Director*



NELAP  
Recognized

**STATE OF UTAH  
DEPARTMENT OF HEALTH**

ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM

CERTIFICATION

is hereby granted to

**ALS Laboratory Group, Environmental Division  
(Salt Lake City, UT)**

960 West Levoy Drive  
Salt Lake City UT 84123

Scope of accreditation is limited to the  
State of Utah Accredited Fields of Accreditation  
Which accompanies this Certificate

Continued accredited status depends on successful  
Ongoing participation in the program

EPA Number: UT00009  
Expiration Date: 11/30/2010

Patrick F. Luedtke, MD, MPH.

*Director of Public Health Laboratories*

*Deputy Director of Epidemiology and Laboratory Services*



UTAH DEPARTMENT OF  
**HEALTH**

PO Box 142109 • Salt Lake City, UT 84114-2109 • phone (801) 538-9370 • fax (801) 538-9373  
[www.health.utah.gov/els/labimp/](http://www.health.utah.gov/els/labimp/)



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11/16/2009

ALS Laboratory Group, Environmental Division (Salt Lake City, UT)  
Brent E Stephens  
960 West Levoy Drive  
Salt Lake City UT 84123  
Director,

ID # DATA1  
EPA ID: UT00009

On the basis of your most recent assessment, Proficiency Testing results and continuing compliance with the ELCP requirements, the laboratory listed is certified for environmental monitoring under the Safe Drinking Water Act and authorized to perform the following methods, for the analytes and matrix listed:

**Drinking Water**

**Inorganics and Metals**

120.1 [1982]	Conductivity
150.1 [1982]	pH
160.1 [1971]	Residue, Filterable
200.7 [1998]	Aluminum
200.7 [1998]	Antimony
200.7 [1998]	Arsenic
200.7 [1998]	Barium
200.7 [1998]	Beryllium
200.7 [1998]	Boron
200.7 [1998]	Cadmium
200.7 [1998]	Calcium
200.7 [1998]	Chromium
200.7 [1998]	Cobalt
200.7 [1998]	Iron
200.7 [1998]	Magnesium
200.7 [1998]	Manganese
200.7 [1998]	Molybdenum
200.7 [1998]	Nickel
200.7 [1998]	Potassium
200.7 [1998]	Selenium
200.7 [1998]	Silver
200.7 [1998]	Sodium
200.7 [1998]	Strontium
200.7 [1998]	Thallium
200.7 [1998]	Tin
200.7 [1998]	Titanium
200.7 [1998]	Vanadium
200.7 [1998]	Zinc
200.8 [1994]	Aluminum

The expiration for the laboratory's certification is 11/30/2010. The Utah Environmental Laboratory Certification Program (ELCP) encourages clients and data users to verify the most current certification letter for the authorized method. For further assistance please call 801-538-9370.



**Inorganics and Metals**

200.8 [1994]	Antimony
200.8 [1994]	Arsenic
200.8 [1994]	Barium
200.8 [1994]	Beryllium
200.8 [1994]	Cadmium
200.8 [1994]	Chromium
200.8 [1994]	Manganese
200.8 [1994]	Nickel
200.8 [1994]	Selenium
200.8 [1994]	Silver
200.8 [1994]	Strontium
200.8 [1994]	Thallium
200.8 [1994]	Tin
200.8 [1994]	Vanadium
200.8 [1994]	Zinc
200.8 [1994]	Molybdenum
2320 B [20th ED]	Alkalinity - Titration Method [20th ED]
2340 B [20th ED]	Hardness by Calculation (CaCO <sub>3</sub> ) [20th ED]
245.1 [1994]	Mercury
2540 C [20th ED]	Total Dissolved Solids [20th ED]
2540 D [20th ED]	Total Suspended Solids [20th ED]
300.0	Chloride
300.0	Fluoride
300.0	Ortho-Phosphate
310.1 [1978]	Alkalinity
335.4 [1993]	Cyanide
340.2 [1974]	Fluoride
350.1 [1993]	Ammonia as Nitrogen
365.1 [1993]	ortho-Phosphate as P
4500 (F-) C [20th ED]	Fluoride by Ion-Selective Method [20th ED]
4500 (H+) B [20th ED]	pH [20th ED]

**Nitrate**

300.0	Nitrate
353.3 [1974]	Nitrate/Nitrite

**Nitrite**

300.0	Nitrite
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**Organics**

524.2 [1995]	Purgeable Organic Compounds In Water
524.2 [1995]	Benzene
524.2 [1995]	Bromobenzene
524.2 [1995]	Bromochloromethane
524.2 [1995]	Bromodichloromethane [Dichlorobromomethane]
524.2 [1995]	Bromoform
524.2 [1995]	Bromomethane [Methyl bromide]
524.2 [1995]	n-Butylbenzene
524.2 [1995]	sec-Butylbenzene
524.2 [1995]	Carbon Tetrachloride
524.2 [1995]	Chlorobenzene
524.2 [1995]	Chloroethane
524.2 [1995]	Chloroform
524.2 [1995]	Chloromethane [Methyl chloride]
524.2 [1995]	2-Chlorotoluene
524.2 [1995]	4-Chlorotoluene
524.2 [1995]	Chlorodibromomethane

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**Organics**

524.2 [1995]	Dibromomethane
524.2 [1995]	1,3-Dichlorobenzene
524.2 [1995]	1,2-Dichlorobenzene
524.2 [1995]	1,4-Dichlorobenzene
524.2 [1995]	Dichlorodifluoromethane
524.2 [1995]	1,1-Dichloroethane
524.2 [1995]	1,2-Dichloroethane
524.2 [1995]	1,1-Dichloroethene
524.2 [1995]	cis-1,2-Dichloroethene
524.2 [1995]	trans-1,2-Dichloroethene
524.2 [1995]	1,2-Dichloropropane
524.2 [1995]	1,3-Dichloropropane
524.2 [1995]	2,2-Dichloropropane
524.2 [1995]	1,1-Dichloropropene
524.2 [1995]	cis-1,3-Dichloropropene
524.2 [1995]	trans-1,3-Dichloropropene [-pylene]
524.2 [1995]	Ethylbenzene
524.2 [1995]	Hexachlorobutadiene
524.2 [1995]	4-Isopropyltoluene
524.2 [1995]	Naphthalene
524.2 [1995]	n-Propylbenzene
524.2 [1995]	Styrene
524.2 [1995]	1,1,1,2-Tetrachloroethane
524.2 [1995]	1,1,2,2-Tetrachloroethane
524.2 [1995]	Tetrachloroethene [-ethylene, Perchloroethylene]
524.2 [1995]	Toluene
524.2 [1995]	1,2,3-Trichlorobenzene
524.2 [1995]	1,2,4-Trichlorobenzene
524.2 [1995]	1,1,1-Trichloroethane
524.2 [1995]	1,1,2-Trichloroethane
524.2 [1995]	Trichloroethene [-ethylene]
524.2 [1995]	Trichlorofluoromethane
524.2 [1995]	1,2,3-Trichloropropane
524.2 [1995]	1,2,4-Trimethylbenzene
524.2 [1995]	1,3,5-Trimethylbenzene
524.2 [1995]	Vinyl Chloride
524.2 [1995]	Total Triholamethanes
524.2 [1995]	Methyl Tert-Butyl Ether (MTBE)
524.2 [1995]	Methylene Chloride [Dichloromethane, DCM]
524.2 [1995]	meta-Xylene
524.2 [1995]	ortho-Xylene
524.2 [1995]	para-Xylene
524.2 [1995]	trans-1,2-Dichloroethene
524.2 [1995]	2-Butanone [Methyl ethyl ketone, MEK]

**Pb/Cu**

200.7 [1998]	Copper
200.7 [1998]	Lead
200.8 [1994]	Copper
200.8 [1994]	Lead

**Sulfates**

300.0	Sulfate
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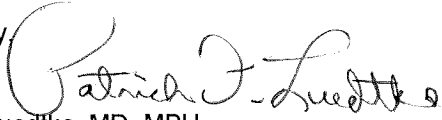
The expiration for the laboratory's certification is 11/30/2010. The Utah Environmental Laboratory Certification Program (ELCP) encourages clients and data users to verify the most current certification letter for the authorized method. For further assistance please call 801-538-9370.



The effective date of this certificate letter is: 12/1/2009.

The analytes by method which a laboratory is authorized to perform at any given time will be those indicated in the most recent certificate letter. The most recent certification letter supersedes all previous certification or authorization letters. It is the certified laboratory's responsibility to review this letter for discrepancies. The certified laboratory must document any discrepancies in this letter and send notice to this bureau within 15 days of receipt. This certificate letter will be recalled in the event your laboratory's certification is revoked.

Respectfully,



Patrick F. Luedtke, MD, MPH.

*Director of Public Health Laboratories  
Deputy Director of Epidemiology and Laboratory*

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The following parameters have been requested but certification was not granted or was removed due to PT compliance factors, or for other reasons:

**Clean Water Act**

Method            Analyte

**RCRA**

<u>Method</u>	<u>Solid</u>	<u>NP</u> <u>Water</u>	<u>Analyte</u>
8270 D	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)
<i>Last PT study failed and time gap between studies 2 and 3 was over 7 months.</i>			
8270 D	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Isophorone
<i>Last PT study failed and time gap between studies 2 and 3 was over 7 months.</i>			

**Safe Drinking Water Act**

<u>Method</u>	<u>Analyte</u>
300.0	Bromide
<i>Insufficient PT for this analyte</i>	
524.2 [1995]	Isopropylbenzene
<i>Insufficient PT for this analyte</i>	

If your laboratory feels that there is an error with these parameters which have not been included on your certificate, please contact your assessor within 15 days of receipt of this letter.

EPA Number:            UT00009  
 Expiration Date:        11/30/2010

The effective date of this certificate letter is: 12/1/2009.

