



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

ID # DATA1  
 EPA ID: UT00009

Director,

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 Resource Conservation and Recovery Act and authorized to perform the following methods, for the analytes and matrix listed:

**Characteristics**

	Solid	Non-Potable Water	
1010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Ignitability
1110	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Corrosivity Toward Steel
1311	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Toxicity Characteristic Leaching Procedure Metals
1311	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Toxicity Characteristic Leaching Procedure Semi-Volatiles
1311	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Toxicity Characteristic Leaching Procedure Volatiles
1312	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Synthetic Precipitation Leaching Procedure (TCLP Approval)
Sec 7.3.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Reactive Cyanide
Sec 7.3.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Reactive Sulfide
Sec 8.3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Reactivity

**Inorganics**

	Solid	Non-Potable Water	
1664 A	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Oil & Grease
1664A	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Total Petroleum Hydrocarbons
6850	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Perchlorate
9012 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Total and Amenable Cyanide
9034	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Acid-Soluble and Acid-Insoluble Sulfides
9040 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	pH
9045 C	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Soil and Waste pH
9050	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Specific Conductance
9060	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Total Organic Carbon
9066	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Phenolics
9081	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cation-Exchange Capacity of Soil (Sodium Acetate)
9095	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Paint Filter Liquids Test

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.



**Metal Digestion**

	Solid	Non-Potable Water	
3005 A	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Acid Digestion Total Recoverable or Dissolved Metals
3010 A	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Acid Digestion for Total Metals
3015 A	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Microwave Acid Digestion of Aqueous Samples and Extracts
3050 A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Acid Digestion of Sediments, Sludges and Soils
3051 A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Microwave Acid Digestion of Sediment, Sludges, Soils & Oils
3060 A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Alkaline Digestion for Hexavalent Chromium

**Metals**

	Solid	Non-Potable Water	
6010 B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Aluminum
6010 B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Antimony
6010 B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Arsenic
6010 B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Barium
6010 B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Beryllium
6010 B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cadmium
6010 B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Calcium
6010 B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Chromium
6010 B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cobalt
6010 B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Copper
6010 B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Iron
6010 B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Lead
6010 B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Magnesium
6010 B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Manganese
6010 B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Molybdenum
6010 B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Nickel
6010 B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Potassium
6010 B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Selenium
6010 B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Silver
6010 B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Sodium
6010 B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Strontium
6010 B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Thallium
6010 B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Tin
6010 B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Titanium
6010 B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Vanadium
6010 B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Zinc
6020 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Aluminum
6020 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Antimony
6020 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Arsenic
6020 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Barium
6020 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Beryllium
6020 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cadmium
6020 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Chromium
6020 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cobalt
6020 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Copper
6020 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Lead
6020 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Manganese
6020 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Molybdenum
6020 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Nickel
6020 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Selenium
6020 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Silver

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**Metals**

	Solid	Non-Potable Water	
6020 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Thallium
6020 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Tin
6020 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Vanadium
6020 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Zinc
7196 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Chromium, Hexavalent (Chromium, VI)
7470 A	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Mercury
7471 A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Mercury

**Miscellaneous**

	Solid	Non-Potable Water	
7580	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	White Phosphorus (P4)

**Organic Cleanup**

	Solid	Non-Potable Water	
3640 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Gel Permeation Cleanup
3660 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Sulfur Cleanup

**Organic Extraction**

	Solid	Non-Potable Water	
3510 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Separatory Funnel Liquid-Liquid Extractions
3520 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Continuous Liquid-Liquid Extraction
3540 C	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Soxhlet Extraction
3550 C	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ultrasonic Extraction
3580 A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Dilution
3810	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Headspace

**Organic Instrumentation**

	Solid	Non-Potable Water	
8015 B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Diesel Range Organics (DROs)
8015 B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Nonhalogenated Organics Using GC/FID
8081 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4,4'-DDD
8081 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4,4'-DDE
8081 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4,4'-DDT
8081 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Aldrin
8081 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	alpha-BHC(alpha-hexachlorocyclohexane)
8081 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	alpha-Chlordane
8081 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	beta-BHC(beta-hexachlorocyclohexane)
8081 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Chlordane - not otherwise specified
8081 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Chlordane, total
8081 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	delta-BHC(delta-hexachlorocyclohexane)
8081 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dieldrin
8081 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Endosulfan I
8081 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Endosulfan II
8081 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Endosulfan sulfate
8081 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Endrin
8081 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Endrin Aldehyde
8081 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Endrin Ketone
8081 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	gamma-BHC (Lindane, gamma-hexachlorocyclohexane)

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**Organic Instrumentation**

	Solid	Non-Potable Water	
8081 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	gamma-Chlordane
8081 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Heptachlor
8081 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Heptachlor Epoxide
8081 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Methoxychlor
8081 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Organochlorine Pesticides
8081 A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Toxaphene [Chlorinated camphene]
8082	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Aroclor-1016 [PCB-1016]
8082	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Aroclor-1221 [PCB-1221]
8082	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Aroclor-1232 [PCB-1232]
8082	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Aroclor-1242 [PCB-1242]
8082	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Aroclor-1248 [PCB-1248]
8082	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Aroclor-1254 [PCB-1254]
8082	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Aroclor-1260 [PCB-1260]
8082	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	PCBs
8151 A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2,4,5-T
8151 A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2,4,5-TP (Silvex)
8151 A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2,4-D
8151 A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2,4-DB
8151 A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chlorinated Herbicides
8151 A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dalapon
8151 A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dicamba
8151 A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dichlorprop(Dichloroprop)
8151 A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dinoseb (DNBP, 2-sec-butyl-4,6-dinitrophenol)
8151 A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MCPA
8151 A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MCPP
8151 A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pentachlorophenol
8260 B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Gasoline Range Organics (GROs)
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1,1,1,2-Tetrachloroethane
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1,1,1-Trichloroethane
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1,1,2,2-Tetrachloroethane
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1,1,2-Trichloroethane
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1,1-Dichloroethane
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1,1-Dichloroethylene (-ethene)
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1,2,3-Trichloropropane
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1,2,4-Trichlorobenzene
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1,2-Dibromoethane (EDB, Ethylene dibromide)
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1,2-Dichlorobenzene
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1,2-Dichloroethane
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1,2-Dichloropropane
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1,3-Dichlorobenzene
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1,4-Dichlorobenzene
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2-Hexanone
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4-Methyl-2-pentanone (MIBK, Isopropylacetone, Hexone)
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Acetone
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Benzene
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Bromochloromethane
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Bromodichloromethane
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Bromoform
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Carbon Disulfide
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Carbon Tetrachloride

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**Organic Instrumentation**

	Solid	Non-Potable Water	
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Chlorobenzene
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Chloroethane
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Chloroform
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	cis-1,3-dichloropropene
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dibromomethane
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dichlorodifluoromethane
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dichloromethane (DCM, Methylene chloride)
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Diethyl Ether
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Ethyl Acetate
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Ethyl Methacrylate
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Ethylbenzene
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hexachlorobutadiene
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Isopropylbenzene
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	meta-Xylene
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Methyl bromide [Bromomethane]
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Methyl chloride [Chloromethane]
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Methyl Ethyl Ketone (MEK, 2-Butanone)
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Methyl-t-Butyl Ether (MTBE)
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Naphthalene
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	ortho-Xylene
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	para-Xylene
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Styrene
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Tetrachloroethylene (Perchloroethylene -ethene)
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Toluene
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	trans-1,2-Dichloroethylene (-ethene)
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	trans-1,3-Dichloropropylene (-propene)
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Trichloroethene (Trichloroethylene)
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Trichlorofluoromethane
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Vinyl Chloride
8260 C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Volatile Organic Compounds
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1,2,4-Trichlorobenzene
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1,2-Dichlorobenzene
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1,3-Dichlorobenzene
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1,4-Dichlorobenzene
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2,4,5-Trimethylaniline
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2,4,6-Trichlorophenol
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2,4-Dichlorophenol
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2,4-Dimethylphenol
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2,4-Dinitrophenol
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2,4-Dinitrotoluene (2,4-DNT)
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2,6-Dinitrotoluene (2,6-DNT)
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2-Chloronaphthalene
8270 D	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2-Methylphenol (o-cresol, 2-Hydroxytoluene)
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2-Nitroaniline
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2-Nitrophenol
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3,3'-Dichlorobenzidine
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3-Methylphenol (m-cresol, 3-Hydroxytoluene)
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3-Nitroaniline
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4-Chloro-3-methylphenol
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4-Methylphenol (p-cresol, 4-Hydroxytoluene)

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**Organic Instrumentation**

	Solid	Non-Potable Water	
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4-Nitroaniline
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4-Nitrophenol
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Acenaphthene
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Acenaphthylene
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Anthracene
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Benzo(a)anthracene
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Benzo(a)pyrene
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Benzo(b)fluoranthene
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Benzo(g,h,i)perylene
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Benzo(k)fluoranthene
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Benzoic Acid
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	bis(2-chloroethoxy)methane
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	bis(2-Chloroethyl)ether
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	bis(2-chloroisopropyl)ether
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	bis(2-Ethylhexyl) phthalate (DEHP)
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Butyl Benzyl Phthalate
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Chrysene
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dibenzo(a,h)anthracene
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dibenzofuran
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Diethyl Phthalate
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dimethyl Phthalate
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Di-n-butyl phthalate
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Di-n-octyl Phthalate
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Fluoranthene
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Fluorene
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hexachlorobenzene
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hexachlorobutadiene
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hexachlorocyclopentadiene
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hexachloroethane
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Indeno(1,2,3-cd)pyrene
8270 D	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Isophorone
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Naphthalene
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Nitrobenzene
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	n-Nitrosodimethylamine
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	n-Nitroso-di-n-Propylamine
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	n-Nitrosodiphenylamine
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Pentachlorophenol
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Phenanthrene
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Phenol
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Pyrene
8270 D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Semivolatile Organic Compounds
8330	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1,3,5-Trinitrobenzene (1,3,5-TNB)
8330	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1,3-Dinitrobenzene (1,3-DNB)
8330	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2,4,6-Trinitrotoluene (2,4,6-TNT)
8330	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2,4-Dinitrotoluene (2,4-DNT)
8330	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2,6-Dinitrotoluene (2,6-DNT)
8330	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2-Amino-4,6-Dinitrotoluene (2-Am-DNT)
8330	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2-Nitrotoluene (2-NT)
8330	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3-Nitrotoluene (3-NT)
8330	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4-Amino-2,6-Dinitrotoluene (4-Am-DNT)
8330	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4-Nitrotoluene (4-NT)

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.



**Organic Instrumentation**

	Solid	Non-Potable Water	
8330	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hexahydro-1, 3, 5-tritro-1, 3, 5-triazine (RDX)
8330	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Methyl-2,4,6-Trinitrophenylnitramine (TETRYL)
8330	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Nitroaromatics and Nitramines
8330	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Nitrobenzene
8330	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Nitroglycerin
8330	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine (HMX)
8330	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Pentaerythrite tetranitrate (PETN)
8332	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Nitroglycerine
8332	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Nitroglycerine By HPLC

**Volatile Organic Preparation**

	Solid	Non-Potable Water	
5030	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Purge-and-Trap for Aqueous Samples
5035A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Purge-and-Trap and Extraction for Volatile Organics

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*

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.





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 Public Health Labs - Public Health

**Bureau of Laboratory Improvement**

David B Mendenhall, MPA, MT (ASCP)

Bureau Director



NELAP  
 Recognized

11/16/2009

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

ID # DATA1  
 EPA ID: UT00009

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.

