



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*



**STATE OF UTAH  
DEPARTMENT OF HEALTH**

**ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM  
CERTIFICATION**

is hereby granted to

**Hall Environmental Analysis Laboratory, Inc.**

4901 Hawkins Rd. NE  
Albuquerque NM 87109-4337

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: NM00035

Expiration Date: 2/28/2011

Patrick F. Luedtke, MD, MPH.

*Director Unified State Laboratories: Public Health*





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3/11/2010

Hall Environmental Analysis Laboratory, Inc.  
Andy Freeman  
4901 Hawkins Rd. NE  
Albuquerque NM 87109-4337

ID # HEAL  
EPA ID: NM00035

Director,

In recognition of your NELAP accreditation and in compliance with the ELCP requirements, the laboratory listed is certified for environmental monitoring under the Clean Water Act and authorized to perform the following methods, for the analytes and matrix listed:

**Non-Potable Water**

**Inorganics and Metals**

300.0 [1993]	Bromide
300.0 [1993]	Chloride
300.0 [1993]	Fluoride
300.0 [1993]	Nitrate
300.0 [1993]	Nitrite
300.0 [1993]	ortho-Phosphate
300.0 [1993]	Sulfate
300.0 [1993]	Nitrate/Nitrite

The effective date of this certificate letter is: 3/1/2010.

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 Unified State Laboratories: Public Health*

The expiration for the laboratory's certification is 2/28/2011. The Utah Environmental Laboratory Certification Program (ELCP) encourages clients and data users to verify the most current certification letter for the authorized method.





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3/11/2010

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 Andy Freeman  
 4901 Hawkins Rd. NE  
 Albuquerque NM 87109-4337

ID # HEAL  
 EPA ID: NM00035

Director,

In recognition of your NELAP accreditation and in 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:

Metal Digestion

	Solid	Non-Potable Water	
3005 A	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Acid Digestion Total Recoverable or Dissolved Metals

Metals

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

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**Metals**

	Solid	Non-Potable Water	
6010 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Zinc

**Organic Extraction**

	Solid	Non-Potable Water	
3510 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Separatory Funnel Liquid-Liquid Extractions

**Organic Instrumentation**

	Solid	Non-Potable Water	
8015 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Diesel Range Organics (DROs)
8015 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Gasoline Range Organics (GROs)
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1,1,1,2-Tetrachloroethane
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1,1,1-Trichloroethane
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1,1,2,2-Tetrachloroethane
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1,1,2-Trichloroethane
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1,1-Dichloroethane
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1,1-Dichloroethylene (-ethene)
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1,1-Dichloropropene
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1,2,3-Trichlorobenzene
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1,2,3-Trichloropropane
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1,2,4-Trichlorobenzene
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1,2,4-Trimethylbenzene
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1,2-Dibromoethane (EDB, Ethylene dibromide)
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1,2-Dichlorobenzene
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1,2-Dichloroethane
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1,2-Dichloropropane
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1,3,5-Trimethylbenzene
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1,3-Dichlorobenzene
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1,3-Dichloropropane
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1,4-Dichlorobenzene
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2,2-Dichloropropane
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2-Chlorotoluene
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2-Hexanone
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2-Methylnaphthalene
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4-Chlorotoluene
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4-Methyl-2-pentanone (MIBK, Isopropylacetone, Hexone)
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Acetone
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Benzene
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Bromobenzene
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Bromochloromethane
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Bromodichloromethane
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Bromoform
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Carbon Disulfide
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Carbon Tetrachloride
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Chlorobenzene
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Chlorodibromomethane [Dibromochloromethane]
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Chloroethane
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Chloroform
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	cis-1,2-Dichloroethene (-ethylene)
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	cis-1,3-dichloropropene

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**Organic Instrumentation**

	Solid	Non-Potable Water	
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dibromomethane
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dichlorodifluoromethane
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dichloromethane (DCM, Methylene chloride)
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Ethylbenzene
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hexachlorobutadiene
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Isopropylbenzene
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Methyl bromide [Bromomethane]
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Methyl chloride [Chloromethane]
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Methyl Ethyl Ketone (MEK, 2-Butanone)
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Methyl-t-Butyl Ether (MTBE)
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Naphthalene
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	n-Butylbenzene
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	n-Propylbenzene
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ortho-Xylene
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	p-Isopropyltoluene
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	sec-Butylbenzene
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Styrene
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	tert-Butylbenzene
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Tetrachloroethylene (Perchloroethylene -ethene)
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Toluene
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	trans-1,2-Dichloroethylene (-ethene)
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	trans-1,3-Dichloropropylene (-propene)
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Trichloroethene (Trichloroethylene)
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Trichlorofluoromethane
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Vinyl Chloride
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Volatile Organic Compounds
8260 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Xylenes, Total
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1,2,4-Trichlorobenzene
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1,2-Dichlorobenzene
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1,3-Dichlorobenzene
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1,4-Dichlorobenzene
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2,4,5-Trichlorophenol
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2,4,6-Trichlorophenol
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2,4-Dichlorophenol
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2,4-Dimethylphenol
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2,4-Dinitrophenol
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2,4-Dinitrotoluene (2,4-DNT)
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2,6-Dinitrotoluene (2,6-DNT)
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2-Chloronaphthalene
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2-Chlorophenol
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2-Methylnaphthalene
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2-Methylphenol (o-cresol, 2-Hydroxytoluene)
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2-Nitroaniline
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2-Nitrophenol
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3,3'-Dichlorobenzidine
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3-Nitroaniline
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4-Bromophenyl Phenyl Ether
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4-Chloro-3-methylphenol
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4-Chloroaniline
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4-Chlorophenyl Phenyl Ether

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**Organic Instrumentation**

	Solid	Non-Potable Water	
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4-Nitroaniline
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4-Nitrophenol
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Acenaphthene
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Acenaphthylene
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Aniline
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Anthracene
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Azobenzene
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Benzo(a)anthracene
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Benzo(a)pyrene
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Benzo(b)fluoranthene
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Benzo(g,h,i)perylene
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Benzo(k)fluoranthene
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Benzoic Acid
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Benzyl alcohol
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	bis(2-chloroethoxy)methane
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	bis(2-Chloroethyl)ether
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	bis(2-chloroisopropyl)ether
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	bis(2-Ethylhexyl) phthalate (DEHP)
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Butyl Benzyl Phthalate
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Carbazole
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Chrysene
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dibenzo(a,h)anthracene
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dibenzofuran
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Diethyl Phthalate
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dimethyl Phthalate
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Di-n-butyl phthalate
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Di-n-octyl Phthalate
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Fluoranthene
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Fluorene
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hexachlorobenzene
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hexachlorobutadiene
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hexachlorocyclopentadiene
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hexachloroethane
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Indeno(1,2,3-cd)pyrene
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Isophorone
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Naphthalene
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Nitrobenzene
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	n-Nitroso-di-n-Propylamine
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	n-Nitrosodiphenylamine
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Pentachlorophenol
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Phenanthrene
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Phenol
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Pyrene
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Pyridine
8270 C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Semivolatile Organic Compounds

**Volatile Organic Preparation**

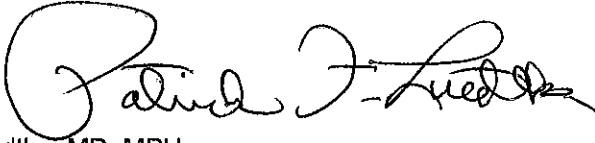
	Solid	Non-Potable Water	
5030 B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Purge-and-Trap for Aqueous Samples

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*Director Unified State Laboratories: Public Health*

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