



State of Utah
JON HUNTSMAN Jr.
Governor
GARY HERBERT
Lieutenant Governor

Utah Department of Health

David N. Sundwall, MD
Executive Director

Epidemiology and Laboratory Services

Patrick F. Luedtke, MD, MPH.
Director of Public Health Laboratories

Bureau of Laboratory Improvement

David B Mendenhall, MPA, MT (ASCP)
Bureau Director



NELAP
Recognized

7/2/2009

Chemtech Ford Laboratory
David Gayer
6100 South Stratler Avenue
Murray UT 84107-6905

ID # CHEM
EPA ID: UT00027

Director,

On the basis of your most recent Proficiency Testing results and continuing 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

110.2 [1971]	Color (Colorimetric-Platinum-Cobalt)
120.1 [1982]	Conductance (Specific Conductance, umhos at 25-C)
1664 A [1999]	Oil & Grease and Total Petroleum Hydrocarbons
180.1 [1993]	Turbidity
200.7 [1982]	Lead
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, Total
200.7 [1998]	Cobalt
200.7 [1998]	Copper
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]	Silica
200.7 [1998]	Silver
200.7 [1998]	Sodium
200.7 [1998]	Strontium
200.7 [1998]	Thallium
200.7 [1998]	Tin
200.7 [1998]	Titanium

The expiration for the laboratory's certification is 6/30/2010. 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

200.7 [1998]	Vanadium
200.7 [1998]	Zinc
200.8 [1998]	Antimony
200.8 [1998]	Arsenic
200.8 [1998]	Beryllium
200.8 [1998]	Cadmium
200.8 [1998]	Chromium
200.8 [1998]	Cobalt
200.8 [1998]	Copper
200.8 [1998]	Lead
200.8 [1998]	Manganese
200.8 [1998]	Mercury
200.8 [1998]	Molybdenum
200.8 [1998]	Nickel
200.8 [1998]	Selenium
200.8 [1998]	Silver
200.8 [1998]	Thallium
200.8 [1998]	Thorium
200.8 [1998]	Uranium
200.8 [1998]	Vanadium
2320 B [20th ED]	Alkalinity (Titration) [SM 20th ED]
2340 B [20th ED]	Hardness (Calculation) [SM 20th ED]
245.1 [1994]	Mercury
2540 B [20th ED]	Total Solids Dried at 103-105-C [SM 20th ED]
2540 D [20th ED]	Total Suspended Solids Dried at 103-105-C [SM 20th ED]
2540 E [20th ED]	Fixed and Volatile Solids Ignited at 500-C [SM 20th ED]
2540 F [20th ED]	Settleable Solids [SM 20th ED]
2540 G [20th ED]	Total, Fixed, and Volatile Solids in Solid and Semisolid Samples [SM 20th ED]
300.0 [1993]	Chloride
300.0 [1993]	Fluoride
300.0 [1993]	Nitrate
300.0 [1993]	Nitrite
300.0 [1993]	Sulfate
350.1 [1993]	Nitrogen, Ammonia
3500 (Cr) B [20t	Chromium VI (Colorimetric) [SM 20th ED]
360.1 [1971]	Oxygen, Dissolved
420.1 [1978]	Phenolics
4500 (Cl-) B [20t	Chloride (Argentometric) [SM 20th ED]
4500 (Cl) G [20t	Chlorine, Residual (Colorimetric, DPD) [SM 20th ED]
4500 (CN-) F [20	Cyanide (Selective Electrode) [SM 20th ED]
4500 (CN-) G [2	Cyanides Amenable to Chlorination after Distillation [SM 20th ED]
4500 (CN-) I [20t	Weak Acid Dissociable Cyanide [SM 20th ED]
4500 (F-) C [20th	Fluoride (Ion-Selective Electrode) [SM 20th ED]
4500 (H+) B [20t	pH (Electrometric) [SM 20th ED]
4500 (N org) C [Nitrogen, Total Kjeldahl (Semi-Micro-Kjeldahl Method) [SM 20th ED]
4500 (NH3) D [2	Nitrogen (Ammonia) (Ammonia-Selective Electrode) [SM 20th ED]
4500 (NO2-) B [2	Nitrogen (Nitrite) [SM 20th ED]
4500 (P) B [20th	Phosphorus, Total (Sample Preparation) [SM 20th ED]
4500 (P) E [20th	Phosphorus, Total (Ascorbic Acid) [SM 20th ED]
4500 (P) E [20th	Ortho-Phosphate (Ascorbic Acid) [SM 20th ED]
4500 (S2-) F [20t	Sulfide (Iodometric) [SM 20th ED]
4500 (SO42-) E [Sulfate (Turbidimetric) [SM 20th ED]
5210 B [20th ED]	Biochemical Oxygen Demand 5-Day Test [SM 20th ED]
5210 B [20th ED]	Carboneous Biochemical Oxygen Demand (CBOD) [SM 20th ED]

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Inorganics and Metals

- 5310 C [20th ED Total Organic Carbon (Persulfate-Ultraviolet Oxidation) [SM 20th ED]
- 5540 C [20th ED Surfactants (Anionic Surfactants as MBAS) [SM 20th ED]
- HACH 8000 Chemical Oxygen Demand (COD)

Microbiological

- 9222 B [20th ED] Total Coliform - MF Technique [SM 20th ED]
- 9222 D [20th ED] Fecal Coliform - MF Technique [SM 20th ED]
- 9223B [20th ED] E. Coli - Chromogenic Technique [Colilert MT; QT/QT 2000] SM 20th ED
- 9223B [20th ED] Total Coliform - Chromogenic Technique [Colilert MT; QT/QT 2000] SM 20th ED

Organics

- 608 Organochlorine Pesticides and Polychlorinated Biphenyls
- 608 Aldrin
- 608 alpha-BHC
- 608 beta-BHC
- 608 gamma-BHC (Lindane)
- 608 Chlordane
- 608 Chlordane (Technical)
- 608 4,4'-DDD
- 608 4,4'-DDE
- 608 4,4'-DDT
- 608 Dieldrin
- 608 Endosulfan I
- 608 Endosulfan II
- 608 Endosulfan Sulfate
- 608 Endrin
- 608 Endrin Aldehyde
- 608 Endrin Ketone
- 608 Heptachlor
- 608 Heptachlor Epoxide
- 608 Methoxychlor
- 608 Toxaphene
- 608 Aroclor 1016
- 608 Aroclor 1221
- 608 Aroclor 1232
- 608 Aroclor 1242
- 608 Aroclor 1248
- 608 Aroclor 1254
- 608 Aroclor 1260
- 624 Purgeables
- 624 Acrolein
- 624 Acrylonitrile
- 624 Benzene
- 624 Bromodichloromethane
- 624 Bromoform
- 624 Bromomethane
- 624 Carbon Tetrachloride
- 624 Chlorobenzene
- 624 Chloroethane
- 624 2-Chloroethylvinyl Ether
- 624 Chloroform
- 624 Chloromethane
- 624 Dibromochloromethane
- 624 1,2-Dibromo-3-chloropropane (DBCP)
- 624 1,2-Dibromoethane (EDB)
- 624 Dibromomethane

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Organics

624	1,2-Dichlorobenzene
624	1,3-Dichlorobenzene
624	1,4-Dichlorobenzene
624	1,1-Dichloroethane
624	1,2-Dichloroethane
624	1,1-Dichloroethene
624	trans-1,2-Dichloroethene
624	1,2-Dichloropropane
624	cis-1,3-Dichloropropene
624	trans-1,3-Dichloropropene
624	Ethylbenzene
624	Dichloromethane (DCM, Methylene chloride)
624	1,1,1,2-Tetrachloroethane
624	1,1,2,2-Tetrachloroethane
624	Tetrachloroethylene
624	Toluene
624	1,1,1-Trichloroethane
624	1,1,2-Trichloroethane
624	Trichloroethene
624	Trichlorofluoromethane
624	Vinyl Chloride
624	Xylenes, total
625	Base/Neutrals and Acids
625	Acenaphthene
625	Anthracene
625	Aniline
625	Azobenzene
625	Barbazole
625	Benzidine
625	Benzo(a)anthracene
625	Benzo(b)fluoranthene
625	Benzo(k)fluoranthene
625	Benzo(g,h,i)perylene
625	Benzyl alcohol
625	Benzyl Butyl Phthalate
625	bis(2-Chloroethyl)ether
625	bis(2-Chloroethoxy)methane
625	bis(2-Ethylhexyl)phthalate
625	bis(2-Chloroisopropyl)ether
625	4-Bromophenyl Phenyl Ether
625	4-Chloroaniline
625	2-Chloronaphthalene
625	Chrysene
625	Dibenz(a,h)anthracene
625	Dibenzofuran
625	Di-n-butylphthalate
625	1,2-Dichlorobenzene
625	1,3-Dichlorobenzene
625	1,4-Dichlorobenzene
625	3,3'-Dichlorobenzidine
625	Diethyl phthalate
625	Dimethyl phthalate
625	2,4-Dinitrotoluene
625	2,6-Dinitrotoluene

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Organics

625	Di-n-octylphthalate
625	Fluoranthene
625	Fluorene
625	Hexachlorobenzene
625	Hexachlorobutadiene
625	Hexachlorocyclopentadiene
625	Hexachloroethane
625	Indeno(1,2,3-cd)pyrene
625	Isophorone
625	2-Methylnaphthalene
625	2-Methylphenol
625	3-Methylphenol
625	4-Methylphenol
625	Naphthalene
625	m-Nitroaniline
625	o-Nitroaniline
625	p-Nitroaniline
625	Nitrobenzene
625	N-Nitrosodimethylamine
625	N-Nitrosodi-n-propylamine
625	N-Nitrosodiphenylamine
625	Phenanthrene
625	Pyrene
625	1,2,4-Trichlorobenzene
625	4-Chloro-3-methylphenol
625	2-Chlorophenol
625	2,4-Dichlorophenol
625	2,4-Dimethylphenol
625	2-Nitrophenol
625	4-Nitrophenol
625	Phenol
625	2,4,5-Trichlorophenol
625	2,4,6-Trichlorophenol
625	Carbazole

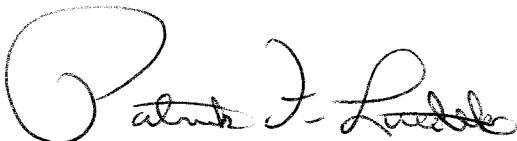
The expiration for the laboratory's certification is 6/30/2010. The Utah Environmental Laboratory Certification Program (ELCP) encourages clients and data users to verify the most current certification letter for the authorized method. For further assistance please call 801-538-9370.

The effective date of this certificate letter is: 7/1/2009.

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 certification letter will be recalled in the event your laboratory's certification is revoked.

All laboratories are required to submit a Corrective Action Report for all failed PT Audit Results to the Bureau of Laboratory Improvement.

Respectfully,



Patrick F. Luedtke, MD, MPH.

Director of Public Health Laboratories

Deputy Director of Epidemiology and Laboratory Services

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