



State of Utah
JON HUNTSMAN Jr.
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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 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

Bacteriological

- 9215 B [20th ED] Heterotrophic Plate Count by Pour Plate Count [20th ED]
- 9223 B [20th ED] Total Coliform - Chromogenic Technique [Colilert PA] SM 20th ED
- 9223 B [20th ED] E.Coli - Chromogenic Technique [Colilert PA] SM 20th ED

Inorganics and Metals

- 110.2 [1971] Color
- 120.1 [1982] Conductivity
- 180.1 [1993] Turbidity
- 200.7 [1998] Aluminum
- 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] Silica
- 200.7 [1998] Silver
- 200.7 [1998] Sodium
- 200.7 [1998] Vanadium
- 200.7 [1998] Zinc
- 200.8 [1994] Antimony
- 200.8 [1994] Arsenic
- 200.8 [1994] Beryllium
- 200.8 [1994] Chromium

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

200.8 [1994] Manganese
200.8 [1994] Mercury
200.8 [1994] Nickel
200.8 [1994] Selenium
200.8 [1994] Silver
200.8 [1994] Strontium
200.8 [1994] Thallium
200.8 [1994] Uranium
200.8 [1994] Vanadium
2320 B [20th ED] Alkalinity - Titration Method [20th ED]
2340 B [20th ED] Hardness by Calculation (CaCO₃) [20th ED]
245.1 [1994] Mercury
2540 B [20th ED] Total Solids [20th ED]
2540 C [20th ED] Total Dissolved Solids [20th ED]
2540 D [20th ED] Total Suspended Solids [20th ED]
2540 E [20th ED] Fixed and Volatile Solids [20th ED]
2540 F [20th ED] Settleable Solids [20th ED]
2540 G [20th ED] Total, Fixed, and Volatile Solids [20th ED]
300.0 (1993) Bromate
300.0 (1993) Bromide
300.0 (1993) Chlorate
300.0 (1993) Chloride
300.0 (1993) Chlorite
300.0 (1993) Fluoride
4500 (Cl) G [20t Chlorine (Residual) by DPD Colormetric Method [20th ED]
4500 (CN-) C [20 Total Cyanide after Distillation [20th ED]
4500 (CN-) E [20 Cyanide by Colormetric Method [20th ED]
4500 (CN-) G [2 Cyanides Amenable to Chlorination after Distillation [20th ED]
4500 (F-) C [20th Fluoride by Ion-Selective Method [20th ED]
4500 (H+) B [20t pH [20th ED]
4500 (P) E [20th ortho-Phosphate as P [20th ED]
5310 C [20th ED] TOC by Persulfate-Ultraviolet Oxidation Method [20th ED]
5540 C [20th ED] Anionic Surfactants as MBAS [20th ED]
5910 B [20th ED] UV-254 [20th ED]

Nitrate

300.0 (1993) Nitrate
4500 (NO₃-) F [2 Nitrate by Automated Cadmium Reduction Method [20th ED]

Nitrite

300.0 (1993) Nitrite
4500 (NO₂-) B [2 Nitrite by Colorimetric Method [20th ED]

Organics

504.1 [1995] EDB and DBCP in Water
504.1 [1995] 1,2-Dibromoethane (EDB, Ethylene dibromide)
504.1 [1995] 1,2-Dibromo-3-chloropropane (DBCP)
508.1 [1995] Chlorinated Pesticides, Herbicides, And Organohalides
508.1 [1995] alpha-Chlordane
508.1 [1995] gamma-Chlordane
508.1 [1995] 4,4'-DDD
508.1 [1995] 4,4'-DDE
508.1 [1995] 4,4'-DDT
508.1 [1995] Endrin
508.1 [1995] Lindane (gamma--Hexachlorocyclohexane, gamma-BHC)
508.1 [1995] Heptachlor
508.1 [1995] Heptachlor Epoxide

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Organics

| | |
|--------------|---|
| 508.1 [1995] | Methoxyclor |
| 508.1 [1995] | Toxaphene [Chlorinated camphene] |
| 508.1 [1995] | Aroclor 1016 [PCB-1016] |
| 508.1 [1995] | Aroclor 1221 [PCB-1221] |
| 508.1 [1995] | Aroclor 1232 [PCB-1232] |
| 508.1 [1995] | Aroclor 1242 [PCB-1242] |
| 508.1 [1995] | Aroclor 1248 [PCB-1248] |
| 508.1 [1995] | Aroclor 1254 [PCB-1254] |
| 508.1 [1995] | Aroclor 1260 [PCB-1260] |
| 515.2 [1995] | Chlorinated Acids In Water |
| 515.2 [1995] | 2,4-D |
| 515.2 [1995] | Dicamba |
| 515.2 [1995] | Dinoseb [2-Sec-butyl-4,6-dinitrophenol, DNBP] |
| 515.2 [1995] | Pentachlorophenol |
| 515.2 [1995] | Picloram |
| 515.2 [1995] | 2,4,5-TP (Silvex) |
| 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] | tert-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 |
| 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] | Isopropylbenzene |
| 524.2 [1995] | 4-Isopropyltoluene |

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Organics

| | |
|--------------|--|
| 524.2 [1995] | Naphthalene |
| 524.2 [1995] | Nitrobenzene |
| 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] | di-Isopropyl Ether (DIPE) |
| 524.2 [1995] | Tert-Amyl Methyl Ether (TAME) |
| 524.2 [1995] | Ethyl tert-butyl ether (ETBE) |
| 524.2 [1995] | Trichlorotrifluoroethane |
| 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] | Hexachloroethane |
| 524.2 [1995] | Acetone |
| 524.2 [1995] | Acrylonitrile |
| 524.2 [1995] | Allyl Chloride |
| 524.2 [1995] | 2-Butanone [Methyl ethyl ketone, MEK] |
| 524.2 [1995] | Carbon Disulfide |
| 524.2 [1995] | Chloroacetonitrile |
| 524.2 [1995] | 1-Chlorobutane |
| 524.2 [1995] | Trans-1,4-dichloro-2-butene |
| 524.2 [1995] | 1,1-Dichloro-2-propanone |
| 524.2 [1995] | Diethyl Ether |
| 524.2 [1995] | Ethyl Methacrylate |
| 524.2 [1995] | 2-Hexanone |
| 524.2 [1995] | Methacrylonitrile |
| 524.2 [1995] | Methylacrylate |
| 524.2 [1995] | Methyl Iodide |
| 524.2 [1995] | Methylmethacrylate |
| 524.2 [1995] | 4-Methyl-2-pentanone (MIBK) |
| 524.2 [1995] | 2-Nitropropane |
| 524.2 [1995] | Pentachloroethane |
| 524.2 [1995] | Propionitrile [Ethyl cyanide] |
| 524.2 [1995] | Tetrahydrofuran |
| 525.2 [1995] | Organic Compounds In Drinking Water |
| 525.2 [1995] | Alachlor |
| 525.2 [1995] | Aldrin |

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Organics

| | |
|--------------|---|
| 525.2 [1995] | Atrazine |
| 525.2 [1995] | Benzo(a)pyrene |
| 525.2 [1995] | Butachlor |
| 525.2 [1995] | Chlordane Components |
| 525.2 [1995] | alpha-Chlordane |
| 525.2 [1995] | gamma-Chlordane |
| 525.2 [1995] | Dieldrin |
| 525.2 [1995] | Hexachlorobenzene |
| 525.2 [1995] | Hexachlorocyclopentadiene |
| 525.2 [1995] | Metolachlor |
| 525.2 [1995] | Metribuzin |
| 525.2 [1995] | Propachlor [Ramrod] |
| 525.2 [1995] | Simazine |
| 531.1 [1995] | N-Methylcarbamoyloximes and N-Methylcarbamates in Water |
| 531.1 [1995] | Aldicarb |
| 531.1 [1995] | Aldicarb Sulfone |
| 531.1 [1995] | Aldicarb Sulfoxide |
| 531.1 [1995] | Baygon (Propoxur) |
| 531.1 [1995] | Carbaryl [Sevin] |
| 531.1 [1995] | Carbofuran [Furaden] |
| 531.1 [1995] | 3-Hydroxycarbofuran |
| 531.1 [1995] | Methiocarb [Mesuro] |
| 531.1 [1995] | Methomyl [Lannate] |
| 531.1 [1995] | Oxamyl (Vydate) |
| 552.2 [1995] | Haloacetic Acids And Dalapon In Drinking Water |
| 552.2 [1995] | Bromochloroacetic Acid |
| 552.2 [1995] | Bromodichloroacetic Acid |
| 552.2 [1995] | Chlorodibromoacetic Acid |
| 552.2 [1995] | Dalapon |
| 552.2 [1995] | Dibromoacetic Acid |
| 552.2 [1995] | Dichloroacetic Acid |
| 552.2 [1995] | Tribromoacetic Acid |
| 552.2 [1995] | Trichloroacetic Acid |

Pb/Cu

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

Sulfates

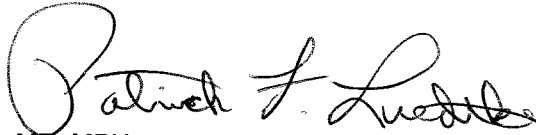
| | |
|-------------------------------|--|
| 300.0 (1993) | Sulfate |
| 4500 (SO ₄) E [2] | Sulfate by Turbidmetric Method [20th ED] |

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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 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 Services

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