

# State of Utah

Department of Health

Environmental Laboratory Certification Program

*Certification is hereby granted to*

Enthalpy Analytical, Inc. DBA Curtis & Tompkins, Ltd.

2323 Fifth St  
Berkeley, CA 94710

*Has conformed with the  
2009 TNI Standard*

*Scope of accreditation is limited to the  
State of Utah accredited fields that accompany  
this Certificate*

EPA Number: CA00128

Expiration Date: 2/28/2018

Certificate Number: CA001282017-6



Robyn M. Atkinson, Ph.D, HCLD  
Director, Utah Public Health Laboratory

*Continued accredited status depends on successful ongoing participation in the program.*





State of Utah

Gary R. Herbert

Governor

Spencer J. Cox

Lieutenant Governor

Utah Department of Health

Dr. Joseph K. Miner

Executive Director

Division of Disease Control and Prevention

Robyn M. Atkinson, Ph.D, HCLD

Director, Utah Public Health Laboratory



EPA Number: CA00128

Attachment to Certificate Number: CA001282017-6

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Enthalpy Analytical, Inc. DBA Curtis & Tompkins, Ltd.

Start Date Expires AB

Program/Matrix: CWA (Non Potable Water)

Method EPA 1664A

Oil & Grease 02/01/12 02/28/18 OR

Method EPA 300.0

Chloride 02/01/12 02/28/18 OR

Fluoride 02/01/12 02/28/18 OR

Nitrate as N 02/01/12 02/28/18 OR

Nitrite as N 02/01/12 02/28/18 OR

Sulfate 02/01/13 02/28/18 OR

Method EPA 420.1

Total phenolics 02/01/12 02/28/18 OR

Method SM 2130 B-1994

Turbidity 02/01/12 02/28/18 OR

Method SM 2320 B-1997

Alkalinity as CaCO3 02/01/12 02/28/18 OR

Method SM 2510 B-1997

Conductivity 02/01/12 02/28/18 OR

Method SM 2540 C-1997

Residue-filterable (TDS) 02/01/12 02/28/18 OR

Method SM 2540 D-1997

Residue-nonfilterable (TSS) 02/01/12 02/28/18 OR

Method SM 4500-CI G

Total residual chlorine 02/01/12 02/28/18 OR

Method SM 4500-CN<sup>-</sup> E

Cyanide 02/01/12 02/28/18 OR

Method SM 4500-H<sup>+</sup> B

pH 02/01/12 02/28/18 OR

Method SM 4500-P E

Orthophosphate as P 02/01/12 02/28/18 OR

Phosphorus, total 02/01/12 02/28/18 OR

Method SM 4500-S2<sup>-</sup> D

Sulfide 02/01/12 02/28/18 OR

Method SM 4500-SiO2 C



Enthalpy Analytical, Inc. DBA Curtis &amp; Tompkins, Ltd.

**Start Date Expires AB****Program/Matrix: CWA (Non Potable Water)**

Silica as SiO <sub>2</sub>	02/01/12	02/28/18	OR
<b>Method SM 5210 B-1997</b> Biochemical oxygen demand	02/01/12	02/28/18	OR
<b>Method SM 5220 D</b> Chemical oxygen demand	02/01/12	02/28/18	OR
<b>Method SM 5310 C</b> Total organic carbon	02/01/12	02/28/18	OR
<b>Method SM 5540 C</b> Surfactants - MBAS	02/01/12	02/28/18	OR

Enthalpy Analytical, Inc. DBA Curtis &amp; Tompkins, Ltd.

Start Date Expires AB

**Program/Matrix: RCRA (Non Potable Water)****Method EPA 6010B**

Arsenic	02/01/12	02/28/18	OR
Barium	02/01/12	02/28/18	OR
Beryllium	02/01/12	02/28/18	OR
Cadmium	02/01/12	02/28/18	OR
Chromium	02/01/12	02/28/18	OR
Cobalt	02/01/12	02/28/18	OR
Copper	02/01/12	02/28/18	OR
Lead	02/01/12	02/28/18	OR
Nickel	02/01/12	02/28/18	OR
Selenium	02/01/12	02/28/18	OR
Silver	02/01/12	02/28/18	OR
Thallium	02/01/12	02/28/18	OR
Vanadium	02/01/12	02/28/18	OR
Zinc	02/01/12	02/28/18	OR

**Method EPA 6020**

Antimony	02/01/12	02/28/18	OR
Arsenic	02/01/12	02/28/18	OR
Barium	02/01/12	02/28/18	OR
Beryllium	02/01/12	02/28/18	OR
Cadmium	02/01/12	02/28/18	OR
Chromium	02/01/12	02/28/18	OR
Cobalt	02/01/12	02/28/18	OR
Copper	02/01/12	02/28/18	OR
Lead	02/01/12	02/28/18	OR
Molybdenum	02/01/12	02/28/18	OR
Nickel	02/01/12	02/28/18	OR
Selenium	02/01/12	02/28/18	OR
Silver	02/01/12	02/28/18	OR
Thallium	02/01/12	02/28/18	OR
Vanadium	02/01/12	02/28/18	OR
Zinc	02/01/12	02/28/18	OR

**Method EPA 7196A**

Chromium VI	02/01/12	02/28/18	OR
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**Method EPA 7470A**

Mercury	02/01/12	02/28/18	OR
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**Method EPA 8015B**

Diesel range organics (DRO)	02/01/12	02/28/18	OR
Gasoline range organics (GRO)	02/01/12	02/28/18	OR

**Method EPA 8081A**

4,4'-DDD	02/01/12	02/28/18	OR
4,4'-DDE	02/01/12	02/28/18	OR
4,4'-DDT	02/01/12	02/28/18	OR
Aldrin	02/01/12	02/28/18	OR
alpha-BHC (alpha-Hexachlorocyclohexane)	02/01/12	02/28/18	OR
alpha-Chlordane, cis-Chlordane	02/01/12	02/28/18	OR

Enthalpy Analytical, Inc. DBA Curtis &amp; Tompkins, Ltd.

Start Date Expires AB

**Program/Matrix: RCRA (Non Potable Water)**

beta-BHC (beta-Hexachlorocyclohexane)	02/01/12	02/28/18	OR
delta-BHC	02/01/12	02/28/18	OR
Dieldrin	02/01/12	02/28/18	OR
Endosulfan I	02/01/12	02/28/18	OR
Endosulfan II	02/01/12	02/28/18	OR
Endosulfan sulfate	02/01/12	02/28/18	OR
Endrin	02/01/12	02/28/18	OR
Endrin aldehyde	02/01/12	02/28/18	OR
Endrin ketone	02/01/12	02/28/18	OR
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	02/01/12	02/28/18	OR
gamma-Chlordane	02/01/12	02/28/18	OR
Heptachlor	02/01/12	02/28/18	OR
Heptachlor epoxide	02/01/12	02/28/18	OR
Methoxychlor	02/01/12	02/28/18	OR
Toxaphene (Chlorinated camphene)	02/01/12	02/28/18	OR

**Method EPA 8082**

Aroclor-1016 (PCB-1016)	02/01/12	02/28/18	OR
Aroclor-1221 (PCB-1221)	02/01/12	02/28/18	OR
Aroclor-1232 (PCB-1232)	02/01/12	02/28/18	OR
Aroclor-1242 (PCB-1242)	02/01/12	02/28/18	OR
Aroclor-1248 (PCB-1248)	02/01/12	02/28/18	OR
Aroclor-1254 (PCB-1254)	02/01/12	02/28/18	OR
Aroclor-1260 (PCB-1260)	02/01/12	02/28/18	OR
PCBs	02/01/12	02/28/18	OR

**Method EPA 8260B**

1,1,1,2-Tetrachloroethane	02/01/12	02/28/18	OR
1,1,1-Trichloroethane	02/01/12	02/28/18	OR
1,1,2,2-Tetrachloroethane	02/01/12	02/28/18	OR
1,1,2-Trichloroethane	02/01/12	02/28/18	OR
1,1-Dichloroethane	02/01/12	02/28/18	OR
1,1-Dichloroethylene	02/01/12	02/28/18	OR
1,1-Dichloropropene	02/01/12	02/28/18	OR
1,2,3-Trichlorobenzene	02/01/12	02/28/18	OR
1,2,3-Trichloropropane	02/01/12	02/28/18	OR
1,2,4-Trichlorobenzene	02/01/12	02/28/18	OR
1,2,4-Trimethylbenzene	02/01/12	02/28/18	OR
1,2-Dibromoethane (EDB, Ethylene dibromide)	02/01/12	02/28/18	OR
1,2-Dichlorobenzene (o-Dichlorobenzene)	02/01/12	02/28/18	OR
1,2-Dichloroethane (Ethylene dichloride)	02/01/12	02/28/18	OR
1,2-Dichloropropane	02/01/12	02/28/18	OR
1,3,5-Trimethylbenzene	02/01/12	02/28/18	OR
1,3-Dichlorobenzene	02/01/12	02/28/18	OR
1,3-Dichloropropane	02/01/12	02/28/18	OR
1,4-Dichlorobenzene	02/01/12	02/28/18	OR
2,2-Dichloropropane	02/01/12	02/28/18	OR
2-Chlorotoluene	02/01/12	02/28/18	OR
2-Hexanone	02/01/12	02/28/18	OR

Enthalpy Analytical, Inc. DBA Curtis &amp; Tompkins, Ltd.

Start Date Expires AB

**Program/Matrix: RCRA (Non Potable Water)**

	Start Date	Expires	AB
4-Methyl-2-pentanone (MIBK)	02/01/12	02/28/18	OR
Acetone	02/01/12	02/28/18	OR
Benzene	02/01/12	02/28/18	OR
Bromobenzene	02/01/12	02/28/18	OR
Bromochloromethane	02/01/12	02/28/18	OR
Bromodichloromethane	02/01/12	02/28/18	OR
Bromoform	02/01/12	02/28/18	OR
Carbon disulfide	02/01/12	02/28/18	OR
Carbon tetrachloride	02/01/12	02/28/18	OR
Chlorobenzene	02/01/12	02/28/18	OR
Chlorodibromomethane	02/01/12	02/28/18	OR
Chloroethane (Ethyl chloride)	02/01/12	02/28/18	OR
Chloroform	02/01/12	02/28/18	OR
cis-1,2-Dichloroethylene	02/01/12	02/28/18	OR
cis-1,3-Dichloropropene	02/01/12	02/28/18	OR
Dibromomethane (Methylene bromide)	02/01/12	02/28/18	OR
Dichlorodifluoromethane (Freon-12)	02/01/12	02/28/18	OR
Ethylbenzene	02/01/12	02/28/18	OR
Hexachlorobutadiene	02/01/12	02/28/18	OR
Isopropylbenzene	02/01/12	02/28/18	OR
Methyl bromide (Bromomethane)	02/01/12	02/28/18	OR
Methyl chloride (Chloromethane)	02/01/12	02/28/18	OR
Methyl tert-butyl ether (MTBE)	02/01/12	02/28/18	OR
Methylene chloride (Dichloromethane)	02/01/12	02/28/18	OR
Naphthalene	02/01/12	02/28/18	OR
n-Butylbenzene	02/01/12	02/28/18	OR
n-Propylbenzene	02/01/12	02/28/18	OR
sec-Butylbenzene	02/01/12	02/28/18	OR
Styrene	02/01/12	02/28/18	OR
tert-Butyl alcohol	02/01/12	02/28/18	OR
tert-Butylbenzene	02/01/12	02/28/18	OR
Tetrachloroethylene (Perchloroethylene)	02/01/12	02/28/18	OR
Toluene	02/01/12	02/28/18	OR
trans-1,2-Dichloroethylene	02/01/12	02/28/18	OR
trans-1,3-Dichloropropylene	02/01/12	02/28/18	OR
Trichloroethene (Trichloroethylene)	02/01/12	02/28/18	OR
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	02/01/12	02/28/18	OR
Vinyl acetate	02/01/12	02/28/18	OR
Vinyl chloride	02/01/12	02/28/18	OR
Xylene (total)	02/01/13	02/28/18	OR

**Method EPA 8270C**

1,2,4-Trichlorobenzene	02/01/12	02/28/18	OR
1,2-Dichlorobenzene (o-Dichlorobenzene)	02/01/12	02/28/18	OR
1,3-Dichlorobenzene	02/01/12	02/28/18	OR
1,4-Dichlorobenzene	02/01/12	02/28/18	OR
2,4,5-Trichlorophenol	02/01/12	02/28/18	OR
2,4,6-Trichlorophenol	02/01/12	02/28/18	OR

Enthalpy Analytical, Inc. DBA Curtis &amp; Tompkins, Ltd.

Start Date Expires AB

**Program/Matrix: RCRA (Non Potable Water)**

	Start Date	Expires	AB
2,4-Dichlorophenol	02/01/12	02/28/18	OR
2,4-Dimethylphenol	02/01/12	02/28/18	OR
2,4-Dinitrophenol	02/01/12	02/28/18	OR
2,4-Dinitrotoluene (2,4-DNT)	02/01/12	02/28/18	OR
2,6-Dinitrotoluene (2,6-DNT)	02/01/12	02/28/18	OR
2-Chloronaphthalene	02/01/12	02/28/18	OR
2-Chlorophenol	02/01/12	02/28/18	OR
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	02/01/12	02/28/18	OR
2-Methylnaphthalene	02/01/12	02/28/18	OR
2-Methylphenol (o-Cresol)	02/01/12	02/28/18	OR
2-Nitrophenol	02/01/12	02/28/18	OR
3,3'-Dichlorobenzidine	02/01/12	02/28/18	OR
4-Bromophenyl phenyl ether	02/01/12	02/28/18	OR
4-Chloro-3-methylphenol	02/01/12	02/28/18	OR
4-Chloroaniline	02/01/12	02/28/18	OR
4-Chlorophenyl phenylether	02/01/12	02/28/18	OR
4-Methylphenol (p-Cresol)	02/01/12	02/28/18	OR
4-Nitrophenol	02/01/12	02/28/18	OR
Acenaphthene	02/01/12	02/28/18	OR
Acenaphthylene	02/01/12	02/28/18	OR
Anthracene	02/01/12	02/28/18	OR
Benzo(a)pyrene	02/01/12	02/28/18	OR
Benzo(b)fluoranthene	02/01/12	02/28/18	OR
Benzo(g,h,i)perylene	02/01/12	02/28/18	OR
Benzo(k)fluoranthene	02/01/12	02/28/18	OR
Benzyl alcohol	02/01/12	02/28/18	OR
bis(2-Chloroethoxy)methane	02/01/12	02/28/18	OR
bis(2-Chloroethyl) ether	02/01/12	02/28/18	OR
bis(2-Chloroisopropyl) ether, bis(2-Chloro-1-methylethyl) ether	02/01/12	02/28/18	OR
Butyl benzyl phthalate	02/01/12	02/28/18	OR
Chrysene	02/01/12	02/28/18	OR
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	02/01/12	02/28/18	OR
Dibenz(a,h) anthracene	02/01/12	02/28/18	OR
Dibenzofuran	02/01/12	02/28/18	OR
Diethyl phthalate	02/01/12	02/28/18	OR
Dimethyl phthalate	02/01/12	02/28/18	OR
Di-n-butyl phthalate	02/01/12	02/28/18	OR
Fluoranthene	02/01/12	02/28/18	OR
Fluorene	02/01/12	02/28/18	OR
Hexachlorobenzene	02/01/12	02/28/18	OR
Hexachlorocyclopentadiene	02/01/12	02/28/18	OR
Hexachloroethane	02/01/12	02/28/18	OR
Indeno(1,2,3-cd) pyrene	02/01/12	02/28/18	OR
Isophorone	02/01/12	02/28/18	OR
Naphthalene	02/01/12	02/28/18	OR
Nitrobenzene	02/01/12	02/28/18	OR
n-Nitrosodimethylamine	02/01/12	02/28/18	OR
n-Nitrosodi-n-propylamine	02/01/12	02/28/18	OR

Enthalpy Analytical, Inc. DBA Curtis &amp; Tompkins, Ltd.

	Start Date	Expires	AB
<b>Program/Matrix: RCRA (Non Potable Water)</b>			
n-Nitrosodiphenylamine	02/01/12	02/28/18	OR
Pentachlorophenol	02/01/12	02/28/18	OR
Phenanthrene	02/01/12	02/28/18	OR
Phenol	02/01/12	02/28/18	OR
Pyrene	02/01/12	02/28/18	OR
<b>Method EPA 8310</b>			
Acenaphthene	02/01/12	02/28/18	OR
Acenaphthylene	02/01/12	02/28/18	OR
Anthracene	02/01/12	02/28/18	OR
Benzo(a)anthracene	02/01/12	02/28/18	OR
Benzo(a)pyrene	02/01/12	02/28/18	OR
Benzo(b)fluoranthene	02/01/12	02/28/18	OR
Benzo(g,h,i)perylene	02/01/12	02/28/18	OR
Benzo(k)fluoranthene	02/01/12	02/28/18	OR
Chrysene	02/01/12	02/28/18	OR
Dibenz(a,h) anthracene	02/01/12	02/28/18	OR
Fluoranthene	02/01/12	02/28/18	OR
Fluorene	02/01/12	02/28/18	OR
Indeno(1,2,3-cd) pyrene	02/01/12	02/28/18	OR
Naphthalene	02/01/12	02/28/18	OR
Phenanthrene	02/01/12	02/28/18	OR
Pyrene	02/01/12	02/28/18	OR
<b>Method EPA 8330</b>			
1,3,5-Trinitrobenzene (1,3,5-TNB)	02/01/12	02/28/18	OR
1,3-Dinitrobenzene (1,3-DNB)	02/01/12	02/28/18	OR
2,4,6-Trinitrotoluene (2,4,6-TNT)	02/01/12	02/28/18	OR
2,4-Dinitrotoluene (2,4-DNT)	02/01/12	02/28/18	OR
2,6-Dinitrotoluene (2,6-DNT)	02/01/12	02/28/18	OR
2-Amino-4,6-dinitrotoluene (2-am-dnt)	02/01/12	02/28/18	OR
2-Nitrotoluene	02/01/12	02/28/18	OR
3-Nitrotoluene	02/01/12	02/28/18	OR
4-Amino-2,6-dinitrotoluene (4-am-dnt)	02/01/12	02/28/18	OR
4-Nitrotoluene	02/01/12	02/28/18	OR
Methyl-2,4,6-trinitrophenylnitramine (tetryl)	02/01/12	02/28/18	OR
Nitrobenzene	02/01/12	02/28/18	OR
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	02/01/12	02/28/18	OR
RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine)	02/01/12	02/28/18	OR
<b>Method EPA 9040B</b>			
pH	02/01/12	02/28/18	OR



Enthalpy Analytical, Inc. DBA Curtis &amp; Tompkins, Ltd.

Start Date Expires AB

**Program/Matrix: RCRA (Solid & Hazardous Material)****Method EPA 1010**

Ignitability 02/01/12 02/28/18 OR

**Method EPA 1311**

Toxicity Characteristic Leaching Procedure Metals 02/01/12 02/28/18 OR

Toxicity Characteristic Leaching Procedure Volatiles 02/01/12 02/28/18 OR

**Method EPA 6010B**

Arsenic 02/01/12 02/28/18 OR

Barium 02/01/12 02/28/18 OR

Beryllium 02/01/12 02/28/18 OR

Cadmium 02/01/12 02/28/18 OR

Chromium 02/01/12 02/28/18 OR

Cobalt 02/01/12 02/28/18 OR

Copper 02/01/12 02/28/18 OR

Lead 02/01/12 02/28/18 OR

Nickel 02/01/12 02/28/18 OR

Selenium 02/01/12 02/28/18 OR

Silver 02/01/12 02/28/18 OR

Thallium 02/01/12 02/28/18 OR

Vanadium 02/01/12 02/28/18 OR

Zinc 02/01/12 02/28/18 OR

**Method EPA 6020**

Antimony 02/01/12 02/28/18 OR

Arsenic 02/01/12 02/28/18 OR

Barium 02/01/12 02/28/18 OR

Beryllium 02/01/12 02/28/18 OR

Cadmium 02/01/12 02/28/18 OR

Chromium 02/01/12 02/28/18 OR

Cobalt 02/01/12 02/28/18 OR

Copper 02/01/12 02/28/18 OR

Lead 02/01/12 02/28/18 OR

Molybdenum 02/01/12 02/28/18 OR

Nickel 02/01/12 02/28/18 OR

Selenium 02/01/12 02/28/18 OR

Silver 02/01/12 02/28/18 OR

Thallium 02/01/12 02/28/18 OR

Vanadium 02/01/12 02/28/18 OR

Zinc 02/01/12 02/28/18 OR

**Method EPA 7.3.3.2**

Reactive Cyanide 02/01/12 02/28/18 OR

**Method EPA 7.3.4.2**

Reactive sulfide 02/01/12 02/28/18 OR

**Method EPA 7196A**

Chromium VI 02/01/12 02/28/18 OR

**Method EPA 7471A**

Mercury 02/01/12 02/28/18 OR

Enthalpy Analytical, Inc. DBA Curtis &amp; Tompkins, Ltd.

Start Date Expires AB

**Program/Matrix: RCRA (Solid & Hazardous Material)****Method EPA 8015B**

	Start Date	Expires	AB
Diesel range organics (DRO)	02/01/12	02/28/18	OR
Gasoline range organics (GRO)	02/01/12	02/28/18	OR

**Method EPA 8081A**

	Start Date	Expires	AB
4,4'-DDD	02/01/12	02/28/18	OR
4,4'-DDE	02/01/12	02/28/18	OR
4,4'-DDT	02/01/12	02/28/18	OR
Aldrin	02/01/12	02/28/18	OR
alpha-BHC (alpha-Hexachlorocyclohexane)	02/01/12	02/28/18	OR
alpha-Chlordane, cis-Chlordane	02/01/12	02/28/18	OR
beta-BHC (beta-Hexachlorocyclohexane)	02/01/12	02/28/18	OR
delta-BHC	02/01/12	02/28/18	OR
Dieldrin	02/01/12	02/28/18	OR
Endosulfan I	02/01/12	02/28/18	OR
Endosulfan II	02/01/12	02/28/18	OR
Endosulfan sulfate	02/01/12	02/28/18	OR
Endrin	02/01/12	02/28/18	OR
Endrin aldehyde	02/01/12	02/28/18	OR
Endrin ketone	02/01/12	02/28/18	OR
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	02/01/12	02/28/18	OR
gamma-Chlordane	02/01/12	02/28/18	OR
Heptachlor	02/01/12	02/28/18	OR
Heptachlor epoxide	02/01/12	02/28/18	OR
Methoxychlor	02/01/12	02/28/18	OR
Toxaphene (Chlorinated camphene)	02/01/12	02/28/18	OR

**Method EPA 8082**

	Start Date	Expires	AB
Aroclor-1016 (PCB-1016)	02/01/12	02/28/18	OR
Aroclor-1221 (PCB-1221)	02/01/12	02/28/18	OR
Aroclor-1232 (PCB-1232)	02/01/12	02/28/18	OR
Aroclor-1242 (PCB-1242)	02/01/12	02/28/18	OR
Aroclor-1248 (PCB-1248)	02/01/12	02/28/18	OR
Aroclor-1254 (PCB-1254)	02/01/12	02/28/18	OR
Aroclor-1260 (PCB-1260)	02/01/12	02/28/18	OR
PCBs	02/01/12	02/28/18	OR

**Method EPA 8260B**

	Start Date	Expires	AB
1,1,1,2-Tetrachloroethane	02/01/12	02/28/18	OR
1,1,1-Trichloroethane	02/01/12	02/28/18	OR
1,1,2,2-Tetrachloroethane	02/01/12	02/28/18	OR
1,1,2-Trichloroethane	02/01/12	02/28/18	OR
1,1-Dichloroethane	02/01/12	02/28/18	OR
1,1-Dichloroethylene	02/01/12	02/28/18	OR
1,1-Dichloropropene	02/01/12	02/28/18	OR
1,2,3-Trichlorobenzene	02/01/12	02/28/18	OR
1,2,3-Trichloropropane	02/01/12	02/28/18	OR
1,2,4-Trichlorobenzene	02/01/12	02/28/18	OR
1,2,4-Trimethylbenzene	02/01/12	02/28/18	OR
1,2-Dibromoethane (EDB, Ethylene dibromide)	02/01/12	02/28/18	OR

Enthalpy Analytical, Inc. DBA Curtis &amp; Tompkins, Ltd.

Start Date Expires AB

**Program/Matrix: RCRA (Solid & Hazardous Material)**

	Start Date	Expires	AB
1,2-Dichlorobenzene (o-Dichlorobenzene)	02/01/12	02/28/18	OR
1,2-Dichloroethane (Ethylene dichloride)	02/01/12	02/28/18	OR
1,2-Dichloropropane	02/01/12	02/28/18	OR
1,3,5-Trimethylbenzene	02/01/12	02/28/18	OR
1,3-Dichlorobenzene	02/01/12	02/28/18	OR
1,3-Dichloropropane	02/01/12	02/28/18	OR
1,4-Dichlorobenzene	02/01/12	02/28/18	OR
2,2-Dichloropropane	02/01/12	02/28/18	OR
2-Chlorotoluene	02/01/12	02/28/18	OR
2-Hexanone	02/01/12	02/28/18	OR
4-Methyl-2-pentanone (MIBK)	02/01/12	02/28/18	OR
Acetone	02/01/12	02/28/18	OR
Benzene	02/01/12	02/28/18	OR
Bromobenzene	02/01/12	02/28/18	OR
Bromochloromethane	02/01/12	02/28/18	OR
Bromodichloromethane	02/01/12	02/28/18	OR
Bromoform	02/01/12	02/28/18	OR
Carbon disulfide	02/01/12	02/28/18	OR
Carbon tetrachloride	02/01/12	02/28/18	OR
Chlorobenzene	02/01/12	02/28/18	OR
Chlorodibromomethane	02/01/12	02/28/18	OR
Chloroethane (Ethyl chloride)	02/01/12	02/28/18	OR
Chloroform	02/01/12	02/28/18	OR
cis-1,2-Dichloroethylene	02/01/12	02/28/18	OR
cis-1,3-Dichloropropene	02/01/12	02/28/18	OR
Dibromomethane (Methylene bromide)	02/01/12	02/28/18	OR
Dichlorodifluoromethane (Freon-12)	02/01/12	02/28/18	OR
Ethylbenzene	02/01/12	02/28/18	OR
Hexachlorobutadiene	02/01/12	02/28/18	OR
Isopropylbenzene	02/01/12	02/28/18	OR
Methyl bromide (Bromomethane)	02/01/12	02/28/18	OR
Methyl chloride (Chloromethane)	02/01/12	02/28/18	OR
Methyl tert-butyl ether (MTBE)	02/01/12	02/28/18	OR
Methylene chloride (Dichloromethane)	02/01/12	02/28/18	OR
Naphthalene	02/01/12	02/28/18	OR
n-Butylbenzene	02/01/12	02/28/18	OR
n-Propylbenzene	02/01/12	02/28/18	OR
sec-Butylbenzene	02/01/12	02/28/18	OR
Styrene	02/01/12	02/28/18	OR
tert-Butyl alcohol	02/01/12	02/28/18	OR
tert-Butylbenzene	02/01/12	02/28/18	OR
Tetrachloroethylene (Perchloroethylene)	02/01/12	02/28/18	OR
Toluene	02/01/12	02/28/18	OR
trans-1,2-Dichloroethylene	02/01/12	02/28/18	OR
trans-1,3-Dichloropropylene	02/01/12	02/28/18	OR
Trichloroethene (Trichloroethylene)	02/01/12	02/28/18	OR
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	02/01/12	02/28/18	OR
Vinyl acetate	02/01/12	02/28/18	OR

Enthalpy Analytical, Inc. DBA Curtis &amp; Tompkins, Ltd.

Start Date Expires AB

**Program/Matrix: RCRA (Solid & Hazardous Material)**

Chemical	Start Date	Expires	AB
Vinyl chloride	02/01/12	02/28/18	OR
Xylene (total)	02/01/13	02/28/18	OR

**Method EPA 8270C**

1,2,4-Trichlorobenzene	02/01/12	02/28/18	OR
1,2-Dichlorobenzene (o-Dichlorobenzene)	02/01/12	02/28/18	OR
1,3-Dichlorobenzene	02/01/12	02/28/18	OR
1,4-Dichlorobenzene	02/01/12	02/28/18	OR
2,4,5-Trichlorophenol	02/01/12	02/28/18	OR
2,4,6-Trichlorophenol	02/01/12	02/28/18	OR
2,4-Dichlorophenol	02/01/12	02/28/18	OR
2,4-Dimethylphenol	02/01/12	02/28/18	OR
2,4-Dinitrophenol	02/01/12	02/28/18	OR
2,4-Dinitrotoluene (2,4-DNT)	02/01/12	02/28/18	OR
2,6-Dinitrotoluene (2,6-DNT)	02/01/12	02/28/18	OR
2-Chloronaphthalene	02/01/12	02/28/18	OR
2-Chlorophenol	02/01/12	02/28/18	OR
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	02/01/12	02/28/18	OR
2-Methylnaphthalene	02/01/12	02/28/18	OR
2-Methylphenol (o-Cresol)	02/01/12	02/28/18	OR
2-Nitrophenol	02/01/12	02/28/18	OR
3,3'-Dichlorobenzidine	02/01/12	02/28/18	OR
4-Bromophenyl phenyl ether	02/01/12	02/28/18	OR
4-Chloro-3-methylphenol	02/01/12	02/28/18	OR
4-Chloroaniline	02/01/12	02/28/18	OR
4-Chlorophenyl phenylether	02/01/12	02/28/18	OR
4-Methylphenol (p-Cresol)	02/01/12	02/28/18	OR
4-Nitrophenol	02/01/12	02/28/18	OR
Acenaphthene	02/01/12	02/28/18	OR
Acenaphthylene	02/01/12	02/28/18	OR
Anthracene	02/01/12	02/28/18	OR
Benzo(a)pyrene	02/01/12	02/28/18	OR
Benzo(b)fluoranthene	02/01/12	02/28/18	OR
Benzo(g,h,i)perylene	02/01/12	02/28/18	OR
Benzo(k)fluoranthene	02/01/12	02/28/18	OR
Benzyl alcohol	02/01/12	02/28/18	OR
bis(2-Chloroethoxy)methane	02/01/12	02/28/18	OR
bis(2-Chloroethyl) ether	02/01/12	02/28/18	OR
bis(2-Chloroisopropyl) ether, bis(2-Chloro-1-methylethyl) ether	02/01/12	02/28/18	OR
Butyl benzyl phthalate	02/01/12	02/28/18	OR
Chrysene	02/01/12	02/28/18	OR
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	02/01/12	02/28/18	OR
Dibenz(a,h) anthracene	02/01/12	02/28/18	OR
Dibenzofuran	02/01/12	02/28/18	OR
Diethyl phthalate	02/01/12	02/28/18	OR
Dimethyl phthalate	02/01/12	02/28/18	OR
Di-n-butyl phthalate	02/01/12	02/28/18	OR
Fluoranthene	02/01/12	02/28/18	OR

Enthalpy Analytical, Inc. DBA Curtis &amp; Tompkins, Ltd.

Start Date Expires AB

**Program/Matrix: RCRA (Solid & Hazardous Material)**

Fluorene	02/01/12	02/28/18	OR
Hexachlorobenzene	02/01/12	02/28/18	OR
Hexachlorocyclopentadiene	02/01/12	02/28/18	OR
Hexachloroethane	02/01/12	02/28/18	OR
Indeno(1,2,3-cd) pyrene	02/01/12	02/28/18	OR
Isophorone	02/01/12	02/28/18	OR
Naphthalene	02/01/12	02/28/18	OR
Nitrobenzene	02/01/12	02/28/18	OR
n-Nitrosodimethylamine	02/01/12	02/28/18	OR
n-Nitrosodi-n-propylamine	02/01/12	02/28/18	OR
n-Nitrosodiphenylamine	02/01/12	02/28/18	OR
Pentachlorophenol	02/01/12	02/28/18	OR
Phenanthrene	02/01/12	02/28/18	OR
Phenol	02/01/12	02/28/18	OR
Pyrene	02/01/12	02/28/18	OR

**Method EPA 8310**

Acenaphthene	02/01/12	02/28/18	OR
Acenaphthylene	02/01/12	02/28/18	OR
Anthracene	02/01/12	02/28/18	OR
Benzo(a)anthracene	02/01/12	02/28/18	OR
Benzo(a)pyrene	02/01/12	02/28/18	OR
Benzo(b)fluoranthene	02/01/12	02/28/18	OR
Benzo(g,h,i)perylene	02/01/12	02/28/18	OR
Benzo(k)fluoranthene	02/01/12	02/28/18	OR
Chrysene	02/01/12	02/28/18	OR
Dibenz(a,h) anthracene	02/01/12	02/28/18	OR
Fluoranthene	02/01/12	02/28/18	OR
Fluorene	02/01/12	02/28/18	OR
Indeno(1,2,3-cd) pyrene	02/01/12	02/28/18	OR
Naphthalene	02/01/12	02/28/18	OR
Phenanthrene	02/01/12	02/28/18	OR
Pyrene	02/01/12	02/28/18	OR

**Method EPA 8330**

1,3,5-Trinitrobenzene (1,3,5-TNB)	02/01/12	02/28/18	OR
1,3-Dinitrobenzene (1,3-DNB)	02/01/12	02/28/18	OR
2,4,6-Trinitrotoluene (2,4,6-TNT)	02/01/12	02/28/18	OR
2,4-Dinitrotoluene (2,4-DNT)	02/01/12	02/28/18	OR
2,6-Dinitrotoluene (2,6-DNT)	02/01/12	02/28/18	OR
2-Amino-4,6-dinitrotoluene (2-am-dnt)	02/01/12	02/28/18	OR
2-Nitrotoluene	02/01/12	02/28/18	OR
3-Nitrotoluene	02/01/12	02/28/18	OR
4-Amino-2,6-dinitrotoluene (4-am-dnt)	02/01/12	02/28/18	OR
4-Nitrotoluene	02/01/12	02/28/18	OR
Methyl-2,4,6-trinitrophenylnitramine (tetryl)	02/01/12	02/28/18	OR
Nitrobenzene	02/01/12	02/28/18	OR
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	02/01/12	02/28/18	OR
RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine)	02/01/12	02/28/18	OR

Enthalpy Analytical, Inc. DBA Curtis &amp; Tompkins, Ltd.

Start Date	Expires	AB
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**Program/Matrix: RCRA (Solid & Hazardous Material)****Method EPA 9014**

Cyanide

02/01/12 02/28/18 OR

**Method EPA 9034**

Total sulfides

02/01/12 02/28/18 OR

**Method EPA 9045C**

pH

02/01/12 02/28/18 OR

The Utah Environmental Laboratory Certification Program (ELCP) encourages clients and data users to verify the most current certification letter for the authorized method.

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.