

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

*OFFICE OF FIELD OPERATIONS
BUREAU OF LABORATORIES*



Certifies that

68-01752

**ESS LABORATORY DIVISION OF THIELSCH ENG INC
185 FRANCES AVE
CRANSTON RI 02910**

Having duly met the requirement of
The Act of June 29, 2002 (P.L. 596, No. 90)
dealing with Environmental Laboratory Accreditation
(27 Pa. C.S. §§4101-4113) and the
National Environmental Laboratory Accreditation Conference Standard

is hereby approved as an

Accredited Laboratory

As more fully described in the attached Scope of Accreditation

Expiration Date: **2/28/2011**
Certificate Number: **001**

Continued accreditation status depends on successful ongoing participation in the Program
Certificate not transferable Surrender upon revocation
To be conspicuously displayed at the Laboratory
Not valid unless accompanied by a valid Scope of Accreditation
Shall not be used to imply endorsement by the Commonwealth of Pennsylvania
Customers are urged to verify the laboratory's current accreditation status
PA DEP is a NELAP recognized accreditation body

A handwritten signature in cursive script, reading "Aaren S. Alger".

Aaren S. Alger, Chief
Laboratory Accreditation Program
Bureau of Laboratories



Laboratory Scope of Accreditation

Attachment to Certificate of Accreditation 001, expiration date February 28, 2011. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

State Laboratory ID: 68-01752

EPA Lab Code:

RI00002

(401) 461-7181

ESS Laboratory Div of Thielsch Eng Inc
185 Frances Ave
Cranston, RI 02910

Program Drinking Water

Method	Analyte	Accreditation Type	Primary	Effective Date
EPA 200.7	Aluminum	STATE	PA	2/22/2010
EPA 200.7	Barium	STATE	PA	2/22/2010
EPA 200.7	Beryllium	STATE	PA	2/22/2010
EPA 200.7	Boron	STATE	PA	2/22/2010
EPA 200.7	Cadmium	STATE	PA	2/22/2010
EPA 200.7	Calcium	STATE	PA	2/22/2010
EPA 200.7	Chromium	STATE	PA	2/22/2010
EPA 200.7	Copper	STATE	PA	2/22/2010
EPA 200.7	Iron	STATE	PA	2/22/2010
EPA 200.7	Magnesium	STATE	PA	2/22/2010
EPA 200.7	Manganese	STATE	PA	2/22/2010
EPA 200.7	Molybdenum	STATE	PA	2/22/2010
EPA 200.7	Nickel	STATE	PA	2/22/2010
EPA 200.7	Potassium	STATE	PA	2/22/2010
EPA 200.7	Silver	STATE	PA	2/22/2010
EPA 200.7	Sodium	STATE	PA	2/22/2010
EPA 200.7	Vanadium	STATE	PA	2/22/2010
EPA 200.7	Zinc	STATE	PA	2/22/2010
EPA 200.7	Calcium hardness as CaCO3	STATE	PA	2/22/2010
EPA 200.9	Antimony	STATE	PA	2/22/2010
EPA 200.9	Arsenic	STATE	PA	2/22/2010
EPA 200.9	Lead	STATE	PA	2/22/2010
EPA 200.9	Selenium	STATE	PA	2/22/2010
EPA 200.9	Thallium	STATE	PA	2/22/2010
EPA 245.1	Mercury	STATE	PA	2/22/2010
EPA 300.0	Chloride	STATE	PA	2/22/2010
EPA 300.0	Fluoride	STATE	PA	2/22/2010
EPA 300.0	Sulfate	STATE	PA	2/22/2010
EPA 353.2	Nitrate as N	STATE	PA	2/22/2010
EPA 353.2	Nitrite as N	STATE	PA	2/22/2010
EPA 365.1	Orthophosphate as P	STATE	PA	2/22/2010
EPA 504.1	1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	STATE	PA	2/22/2010
EPA 504.1	1,2-Dibromoethane (EDB, Ethylene dibromide)	STATE	PA	2/22/2010
EPA 524.2	1,1,1,2-Tetrachloroethane	STATE	PA	2/22/2010
EPA 524.2	1,1,1-Trichloroethane	STATE	PA	2/22/2010
EPA 524.2	1,1,2,2-Tetrachloroethane	STATE	PA	2/22/2010

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized accrediting authority. Customers are urged to verify the laboratory's current accreditation standing.

**Laboratory Scope of Accreditation**

Attachment to Certificate of Accreditation 001, expiration date February 28, 2011. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

State Laboratory ID: 68-01752

EPA Lab Code: RI00002

(401) 461-7181

ESS Laboratory Div of Thielsch Eng Inc
185 Frances Ave
Cranston, RI 02910

Program Drinking Water

Method	Analyte	Accreditation Type	Primary	Effective Date
EPA 524.2	1,1,2-Trichloroethane	STATE	PA	2/22/2010
EPA 524.2	1,1-Dichloroethane	STATE	PA	2/22/2010
EPA 524.2	1,1-Dichloroethene (1,1-Dichloroethylene)	STATE	PA	2/22/2010
EPA 524.2	1,1-Dichloropropene	STATE	PA	2/22/2010
EPA 524.2	1,2,3-Trichlorobenzene	STATE	PA	2/22/2010
EPA 524.2	1,2,3-Trichloropropane (1,2,3-TCP)	STATE	PA	2/22/2010
EPA 524.2	1,2,4-Trichlorobenzene	STATE	PA	2/22/2010
EPA 524.2	1,2,4-Trimethylbenzene	STATE	PA	2/22/2010
EPA 524.2	1,2-Dichlorobenzene (o-Dichlorobenzene)	STATE	PA	2/22/2010
EPA 524.2	1,2-Dichloroethane	STATE	PA	2/22/2010
EPA 524.2	1,2-Dichloropropane	STATE	PA	2/22/2010
EPA 524.2	1,3,5-Trimethylbenzene	STATE	PA	2/22/2010
EPA 524.2	1,3-Dichlorobenzene (m-Dichlorobenzene)	STATE	PA	2/22/2010
EPA 524.2	1,3-Dichloropropane	STATE	PA	2/22/2010
EPA 524.2	1,4-Dichlorobenzene (p-Dichlorobenzene)	STATE	PA	2/22/2010
EPA 524.2	2,2-Dichloropropane	STATE	PA	2/22/2010
EPA 524.2	2-Chlorotoluene	STATE	PA	2/22/2010
EPA 524.2	4-Chlorotoluene	STATE	PA	2/22/2010
EPA 524.2	4-Isopropyltoluene (p-Isopropyltoluene)	STATE	PA	2/22/2010
EPA 524.2	Benzene	STATE	PA	2/22/2010
EPA 524.2	Bromobenzene	STATE	PA	2/22/2010
EPA 524.2	Bromochloromethane	STATE	PA	2/22/2010
EPA 524.2	Bromodichloromethane	STATE	PA	2/22/2010
EPA 524.2	Bromoform	STATE	PA	2/22/2010
EPA 524.2	Carbon tetrachloride	STATE	PA	2/22/2010
EPA 524.2	Chlorobenzene	STATE	PA	2/22/2010
EPA 524.2	Chloroethane	STATE	PA	2/22/2010
EPA 524.2	Chloroform	STATE	PA	2/22/2010
EPA 524.2	Dibromochloromethane	STATE	PA	2/22/2010
EPA 524.2	Dibromomethane	STATE	PA	2/22/2010
EPA 524.2	Dichlorodifluoromethane (Freon 12)	STATE	PA	2/22/2010
EPA 524.2	Dichloromethane (DCM, Methylene chloride)	STATE	PA	2/22/2010
EPA 524.2	Ethylbenzene	STATE	PA	2/22/2010
EPA 524.2	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	STATE	PA	2/22/2010
EPA 524.2	Isopropylbenzene	STATE	PA	2/22/2010
EPA 524.2	Methyl bromide (Bromomethane)	STATE	PA	2/22/2010

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized accrediting authority. Customers are urged to verify the laboratory's current accreditation standing.



Laboratory Scope of Accreditation

Attachment to Certificate of Accreditation 001, expiration date February 28, 2011. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

State Laboratory ID: 68-01752

EPA Lab Code:

RI00002

(401) 461-7181

ESS Laboratory Div of Thielsch Eng Inc
185 Frances Ave
Cranston, RI 02910

Program Drinking Water

Method	Analyte	Accreditation Type	Primary	Effective Date
EPA 524.2	Methyl chloride (Chloromethane)	STATE	PA	2/22/2010
EPA 524.2	Methyl tert-butyl ether (MTBE)	STATE	PA	2/22/2010
EPA 524.2	Styrene	STATE	PA	2/22/2010
EPA 524.2	Tetrachloroethene (PCE, Perchloroethylene)	STATE	PA	2/22/2010
EPA 524.2	Toluene	STATE	PA	2/22/2010
EPA 524.2	Total trihalomethanes (TTHMs)	STATE	PA	2/22/2010
EPA 524.2	Trichloroethene (TCE, Trichloroethylene)	STATE	PA	2/22/2010
EPA 524.2	Trichlorofluoromethane (Freon 11)	STATE	PA	2/22/2010
EPA 524.2	Vinyl chloride (Chloroethene)	STATE	PA	2/22/2010
EPA 524.2	Xylenes, total	STATE	PA	2/22/2010
EPA 524.2	cis-1,2-Dichloroethene	STATE	PA	2/22/2010
EPA 524.2	cis-1,3-Dichloropropene	STATE	PA	2/22/2010
EPA 524.2	n-Butylbenzene	STATE	PA	2/22/2010
EPA 524.2	n-Propylbenzene	STATE	PA	2/22/2010
EPA 524.2	sec-Butylbenzene	STATE	PA	2/22/2010
EPA 524.2	tert-Butylbenzene	STATE	PA	2/22/2010
EPA 524.2	trans-1,2-Dichloroethene	STATE	PA	2/22/2010
EPA 524.2	trans-1,3-Dichloropropene	STATE	PA	2/22/2010
EPA 552.2	Bromoacetic acid (Monobromoacetic acid, MBAA)	STATE	PA	2/22/2010
EPA 552.2	Bromochloroacetic acid (BCAA)	STATE	PA	2/22/2010
EPA 552.2	Chloroacetic acid (Monochloroacetic acid, MCAA)	STATE	PA	2/22/2010
EPA 552.2	Dibromoacetic acid (DBAA)	STATE	PA	2/22/2010
EPA 552.2	Dichloroacetic acid (DCAA)	STATE	PA	2/22/2010
EPA 552.2	Total haloacetic acids	STATE	PA	2/22/2010
EPA 552.2	Trichloroacetic acid (TCAA)	STATE	PA	2/22/2010
SM 2320 B	Alkalinity as CaCO ₃	STATE	PA	2/22/2010
SM 2510 B	Conductivity	STATE	PA	2/22/2010
SM 2540 C	Total dissolved solids (TDS)	STATE	PA	2/22/2010
SM 4500-CN- C	Total cyanide	STATE	PA	2/22/2010
SM 4500-CN- E	Total cyanide	STATE	PA	2/22/2010
SM 4500-SO4 E	Sulfate	STATE	PA	2/22/2010

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized accrediting authority. Customers are urged to verify the laboratory's current accreditation standing.



Laboratory Scope of Accreditation

Attachment to Certificate of Accreditation 001, expiration date February 28, 2011. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

State Laboratory ID: 68-01752

EPA Lab Code: RI00002

(401) 461-7181

ESS Laboratory Div of Thielsch Eng Inc
185 Frances Ave
Cranston, RI 02910

Program Non-Potable Water

Method	Analyte	Accreditation Type	Primary	Effective Date
EPA 120.1	Conductivity	STATE	PA	2/22/2010
EPA 1664 Rev A	Oil and grease	STATE	PA	2/22/2010
EPA 180.1	Turbidity	STATE	PA	2/22/2010
EPA 200.7	Aluminum	STATE	PA	2/22/2010
EPA 200.7	Antimony	STATE	PA	2/22/2010
EPA 200.7	Arsenic	STATE	PA	2/22/2010
EPA 200.7	Barium	STATE	PA	2/22/2010
EPA 200.7	Beryllium	STATE	PA	2/22/2010
EPA 200.7	Boron	STATE	PA	2/22/2010
EPA 200.7	Cadmium	STATE	PA	2/22/2010
EPA 200.7	Calcium	STATE	PA	2/22/2010
EPA 200.7	Chromium	STATE	PA	2/22/2010
EPA 200.7	Cobalt	STATE	PA	2/22/2010
EPA 200.7	Copper	STATE	PA	2/22/2010
EPA 200.7	Iron	STATE	PA	2/22/2010
EPA 200.7	Lead	STATE	PA	2/22/2010
EPA 200.7	Magnesium	STATE	PA	2/22/2010
EPA 200.7	Manganese	STATE	PA	2/22/2010
EPA 200.7	Molybdenum	STATE	PA	2/22/2010
EPA 200.7	Nickel	STATE	PA	2/22/2010
EPA 200.7	Potassium	STATE	PA	2/22/2010
EPA 200.7	Selenium	STATE	PA	2/22/2010
EPA 200.7	Silver	STATE	PA	2/22/2010
EPA 200.7	Sodium	STATE	PA	2/22/2010
EPA 200.7	Strontium	STATE	PA	2/22/2010
EPA 200.7	Thallium	STATE	PA	2/22/2010
EPA 200.7	Tin	STATE	PA	2/22/2010
EPA 200.7	Titanium	STATE	PA	2/22/2010
EPA 200.7	Vanadium	STATE	PA	2/22/2010
EPA 200.7	Zinc	STATE	PA	2/22/2010
EPA 200.7	Calcium hardness as CaCO3	STATE	PA	2/22/2010
EPA 200.7	Total hardness as CaCO3	STATE	PA	2/22/2010
EPA 245.1	Mercury	STATE	PA	2/22/2010
EPA 279.2	Thallium	STATE	PA	2/22/2010
EPA 300.0	Fluoride	STATE	PA	2/22/2010
EPA 300.0	Sulfate	STATE	PA	2/22/2010

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized accrediting authority. Customers are urged to verify the laboratory's current accreditation standing.



Laboratory Scope of Accreditation

Attachment to Certificate of Accreditation 001, expiration date February 28, 2011. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

State Laboratory ID: 68-01752

EPA Lab Code:

RI00002

(401) 461-7181

ESS Laboratory Div of Thielsch Eng Inc
185 Frances Ave
Cranston, RI 02910

Program Non-Potable Water

Method	Analyte	Accreditation Type	Primary	Effective Date
EPA 3005A	Preconcentration under acid	STATE	PA	2/22/2010
EPA 335.4	Total cyanide	STATE	PA	2/22/2010
EPA 350.1	Ammonia as N	STATE	PA	2/22/2010
EPA 351.2	Kjeldahl nitrogen, total (TKN)	STATE	PA	2/22/2010
EPA 3510C	Separatory funnel liquid-liquid extraction	STATE	PA	2/22/2010
EPA 3520C	Continuous liquid-liquid extraction	STATE	PA	2/22/2010
EPA 353.2	Nitrate as N	STATE	PA	2/22/2010
EPA 353.2	Nitrite as N	STATE	PA	2/22/2010
EPA 365.1	Orthophosphate as P	STATE	PA	2/22/2010
EPA 365.1	Phosphorus, total	STATE	PA	2/22/2010
EPA 365.3	Orthophosphate as P	STATE	PA	2/22/2010
EPA 365.3	Phosphorus, total	STATE	PA	2/22/2010
EPA 410.4	Chemical oxygen demand (COD)	STATE	PA	2/22/2010
EPA 420.1	Total phenolics	STATE	PA	2/22/2010
EPA 5030B	Aqueous-phase purge-and-trap	STATE	PA	2/22/2010
EPA 6010	Aluminum	STATE	PA	2/22/2010
EPA 6010	Antimony	STATE	PA	2/22/2010
EPA 6010	Arsenic	STATE	PA	2/22/2010
EPA 6010	Barium	STATE	PA	2/22/2010
EPA 6010	Beryllium	STATE	PA	2/22/2010
EPA 6010	Boron	STATE	PA	2/22/2010
EPA 6010	Cadmium	STATE	PA	2/22/2010
EPA 6010	Calcium	STATE	PA	2/22/2010
EPA 6010	Chromium	STATE	PA	2/22/2010
EPA 6010	Cobalt	STATE	PA	2/22/2010
EPA 6010	Copper	STATE	PA	2/22/2010
EPA 6010	Iron	STATE	PA	2/22/2010
EPA 6010	Lead	STATE	PA	2/22/2010
EPA 6010	Magnesium	STATE	PA	2/22/2010
EPA 6010	Manganese	STATE	PA	2/22/2010
EPA 6010	Molybdenum	STATE	PA	2/22/2010
EPA 6010	Nickel	STATE	PA	2/22/2010
EPA 6010	Potassium	STATE	PA	2/22/2010
EPA 6010	Selenium	STATE	PA	2/22/2010
EPA 6010	Silver	STATE	PA	2/22/2010
EPA 6010	Sodium	STATE	PA	2/22/2010

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized accrediting authority. Customers are urged to verify the laboratory's current accreditation standing.



Laboratory Scope of Accreditation

Attachment to Certificate of Accreditation 001, expiration date February 28, 2011. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

State Laboratory ID: 68-01752

EPA Lab Code: RI00002

(401) 461-7181

ESS Laboratory Div of Thielsch Eng Inc
185 Frances Ave
Cranston, RI 02910

Program Non-Potable Water

Method	Analyte	Accreditation Type	Primary	Effective Date
EPA 6010	Strontium	STATE	PA	2/22/2010
EPA 6010	Thallium	STATE	PA	2/22/2010
EPA 6010	Titanium	STATE	PA	2/22/2010
EPA 6010	Vanadium	STATE	PA	2/22/2010
EPA 6010	Zinc	STATE	PA	2/22/2010
EPA 6010B	Metals by ICP/AES	STATE	PA	2/22/2010
EPA 608	Aroclor-1016 (PCB-1016)	STATE	PA	2/22/2010
EPA 608	Aroclor-1221 (PCB-1221)	STATE	PA	2/22/2010
EPA 608	Aroclor-1232 (PCB-1232)	STATE	PA	2/22/2010
EPA 608	Aroclor-1242 (PCB-1242)	STATE	PA	2/22/2010
EPA 608	Aroclor-1248 (PCB-1248)	STATE	PA	2/22/2010
EPA 608	Aroclor-1254 (PCB-1254)	STATE	PA	2/22/2010
EPA 608	Aroclor-1260 (PCB-1260)	STATE	PA	2/22/2010
EPA 608	4,4'-DDD	STATE	PA	2/22/2010
EPA 608	4,4'-DDE	STATE	PA	2/22/2010
EPA 608	4,4'-DDT	STATE	PA	2/22/2010
EPA 608	Aldrin (HHDN)	STATE	PA	2/22/2010
EPA 608	Chlordane (tech.)	STATE	PA	2/22/2010
EPA 608	Dieldrin	STATE	PA	2/22/2010
EPA 608	Endosulfan I	STATE	PA	2/22/2010
EPA 608	Endosulfan II	STATE	PA	2/22/2010
EPA 608	Endosulfan sulfate	STATE	PA	2/22/2010
EPA 608	Endrin	STATE	PA	2/22/2010
EPA 608	Endrin aldehyde	STATE	PA	2/22/2010
EPA 608	Heptachlor	STATE	PA	2/22/2010
EPA 608	Heptachlor epoxide	STATE	PA	2/22/2010
EPA 608	Toxaphene (Chlorinated camphene)	STATE	PA	2/22/2010
EPA 608	alpha-BHC (alpha-Hexachlorocyclohexane)	STATE	PA	2/22/2010
EPA 608	beta-BHC (beta-Hexachlorocyclohexane)	STATE	PA	2/22/2010
EPA 608	delta-BHC (delta-Hexachlorocyclohexane)	STATE	PA	2/22/2010
EPA 608	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	STATE	PA	2/22/2010
EPA 608-Extended	Methoxychlor	STATE	PA	2/22/2010
EPA 624	1,1,1-Trichloroethane	STATE	PA	2/22/2010
EPA 624	1,1,2,2-Tetrachloroethane	STATE	PA	2/22/2010
EPA 624	1,1,2-Trichloroethane	STATE	PA	2/22/2010
EPA 624	1,1-Dichloroethane	STATE	PA	2/22/2010

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized accrediting authority. Customers are urged to verify the laboratory's current accreditation standing.



Laboratory Scope of Accreditation

Attachment to Certificate of Accreditation 001, expiration date February 28, 2011. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

State Laboratory ID: 68-01752

EPA Lab Code:

RI00002

(401) 461-7181

ESS Laboratory Div of Thielsch Eng Inc
185 Frances Ave
Cranston, RI 02910

Program Non-Potable Water

Method	Analyte	Accreditation Type	Primary	Effective Date
EPA 624	1,1-Dichloroethene (1,1-Dichloroethylene)	STATE	PA	2/22/2010
EPA 624	1,2-Dichlorobenzene (o-Dichlorobenzene)	STATE	PA	2/22/2010
EPA 624	1,2-Dichloroethane	STATE	PA	2/22/2010
EPA 624	1,2-Dichloropropane	STATE	PA	2/22/2010
EPA 624	1,3-Dichlorobenzene (m-Dichlorobenzene)	STATE	PA	2/22/2010
EPA 624	1,4-Dichlorobenzene (p-Dichlorobenzene)	STATE	PA	2/22/2010
EPA 624	2-Chloroethyl vinyl ether	STATE	PA	2/22/2010
EPA 624	Benzene	STATE	PA	2/22/2010
EPA 624	Bromodichloromethane	STATE	PA	2/22/2010
EPA 624	Bromoform	STATE	PA	2/22/2010
EPA 624	Carbon tetrachloride	STATE	PA	2/22/2010
EPA 624	Chlorobenzene	STATE	PA	2/22/2010
EPA 624	Chloroethane	STATE	PA	2/22/2010
EPA 624	Chloroform	STATE	PA	2/22/2010
EPA 624	Dibromochloromethane	STATE	PA	2/22/2010
EPA 624	Ethylbenzene	STATE	PA	2/22/2010
EPA 624	Methyl bromide (Bromomethane)	STATE	PA	2/22/2010
EPA 624	Methyl chloride (Chloromethane)	STATE	PA	2/22/2010
EPA 624	Methylene chloride (Dichloromethane)	STATE	PA	2/22/2010
EPA 624	Tetrachloroethene (PCE, Perchloroethylene)	STATE	PA	2/22/2010
EPA 624	Toluene	STATE	PA	2/22/2010
EPA 624	Trichloroethene (TCE, Trichloroethylene)	STATE	PA	2/22/2010
EPA 624	Trichlorofluoromethane (Freon 11)	STATE	PA	2/22/2010
EPA 624	Vinyl chloride (Chloroethene)	STATE	PA	2/22/2010
EPA 624	cis-1,3-Dichloropropene	STATE	PA	2/22/2010
EPA 624	trans-1,2-Dichloroethene	STATE	PA	2/22/2010
EPA 624	trans-1,3-Dichloropropene	STATE	PA	2/22/2010
EPA 624-Extended	Acrolein (Propenal)	STATE	PA	2/22/2010
EPA 624-Extended	Dichlorodifluoromethane (Freon 12)	STATE	PA	2/22/2010
EPA 624-Extended	Styrene	STATE	PA	2/22/2010
EPA 624-Extended	Xylenes, total	STATE	PA	2/22/2010
EPA 625	2,4,6-Trichlorophenol	STATE	PA	2/22/2010
EPA 625	2,4-Dichlorophenol	STATE	PA	2/22/2010
EPA 625	2,4-Dimethylphenol	STATE	PA	2/22/2010
EPA 625	2,4-Dinitrophenol	STATE	PA	2/22/2010
EPA 625	2,4-Dinitrotoluene (2,4-DNT)	STATE	PA	2/22/2010

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized accrediting authority. Customers are urged to verify the laboratory's current accreditation standing.



Laboratory Scope of Accreditation

Attachment to Certificate of Accreditation 001, expiration date February 28, 2011. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

State Laboratory ID: 68-01752

EPA Lab Code:

RI00002

(401) 461-7181

ESS Laboratory Div of Thielsch Eng Inc
185 Frances Ave
Cranston, RI 02910

Program Non-Potable Water

Method	Analyte	Accreditation Type	Primary	Effective Date
EPA 625	2,6-Dinitrotoluene (2,6-DNT)	STATE	PA	2/22/2010
EPA 625	2-Chloronaphthalene	STATE	PA	2/22/2010
EPA 625	2-Chlorophenol	STATE	PA	2/22/2010
EPA 625	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	STATE	PA	2/22/2010
EPA 625	2-Nitrophenol	STATE	PA	2/22/2010
EPA 625	3,3'-Dichlorobenzidine	STATE	PA	2/22/2010
EPA 625	4-Bromophenyl phenyl ether	STATE	PA	2/22/2010
EPA 625	4-Chloro-3-methylphenol	STATE	PA	2/22/2010
EPA 625	4-Chlorophenyl phenyl ether	STATE	PA	2/22/2010
EPA 625	4-Nitrophenol	STATE	PA	2/22/2010
EPA 625	Acenaphthene	STATE	PA	2/22/2010
EPA 625	Acenaphthylene	STATE	PA	2/22/2010
EPA 625	Anthracene	STATE	PA	2/22/2010
EPA 625	Benzidine	STATE	PA	2/22/2010
EPA 625	Benzo[a]anthracene	STATE	PA	2/22/2010
EPA 625	Benzo[a]pyrene	STATE	PA	2/22/2010
EPA 625	Benzo[b]fluoranthene	STATE	PA	2/22/2010
EPA 625	Benzo[ghi]perylene	STATE	PA	2/22/2010
EPA 625	Benzo[k]fluoranthene	STATE	PA	2/22/2010
EPA 625	Benzyl butyl phthalate (Butyl benzyl phthalate)	STATE	PA	2/22/2010
EPA 625	Chrysene (Benzo[a]phenanthrene)	STATE	PA	2/22/2010
EPA 625	Di-n-butyl phthalate	STATE	PA	2/22/2010
EPA 625	Di-n-octyl phthalate	STATE	PA	2/22/2010
EPA 625	Dibenzo[a,h]anthracene	STATE	PA	2/22/2010
EPA 625	Diethyl phthalate	STATE	PA	2/22/2010
EPA 625	Dimethyl phthalate	STATE	PA	2/22/2010
EPA 625	Fluorene	STATE	PA	2/22/2010
EPA 625	Hexachlorobenzene	STATE	PA	2/22/2010
EPA 625	Hexachlorocyclopentadiene	STATE	PA	2/22/2010
EPA 625	Indeno(1,2,3-cd)pyrene	STATE	PA	2/22/2010
EPA 625	Isophorone	STATE	PA	2/22/2010
EPA 625	N-Nitrosodi-n-propylamine	STATE	PA	2/22/2010
EPA 625	N-Nitrosodimethylamine	STATE	PA	2/22/2010
EPA 625	N-Nitrosodiphenylamine	STATE	PA	2/22/2010
EPA 625	Pentachlorophenol (PCP)	STATE	PA	2/22/2010
EPA 625	Phenanthrene	STATE	PA	2/22/2010

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized accrediting authority. Customers are urged to verify the laboratory's current accreditation standing.



Laboratory Scope of Accreditation

Attachment to Certificate of Accreditation 001, expiration date February 28, 2011. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

State Laboratory ID: 68-01752

EPA Lab Code:

RI00002

(401) 461-7181

ESS Laboratory Div of Thielsch Eng Inc
185 Frances Ave
Cranston, RI 02910

Program Non-Potable Water

Method	Analyte	Accreditation Type	Primary	Effective Date
EPA 625	Phenol	STATE	PA	2/22/2010
EPA 625	Pyrene	STATE	PA	2/22/2010
EPA 625	bis(2-Chloroethoxy)methane	STATE	PA	2/22/2010
EPA 625	bis(2-Chloroethyl) ether	STATE	PA	2/22/2010
EPA 625	bis(2-Chloroisopropyl) ether	STATE	PA	2/22/2010
EPA 625	bis(2-Ethylhexyl) phthalate (DEHP)	STATE	PA	2/22/2010
EPA 625	1,2,4-Trichlorobenzene	STATE	PA	2/22/2010
EPA 625	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	STATE	PA	2/22/2010
EPA 625	Hexachloroethane	STATE	PA	2/22/2010
EPA 625	Naphthalene	STATE	PA	2/22/2010
EPA 625	Nitrobenzene	STATE	PA	2/22/2010
EPA 625-Extended	2,4,5-Trichlorophenol	STATE	PA	2/22/2010
EPA 625-Extended	Pyridine	STATE	PA	2/22/2010
EPA 7041	Antimony	STATE	PA	2/22/2010
EPA 7060	Arsenic	STATE	PA	2/22/2010
EPA 7196	Chromium VI	STATE	PA	2/22/2010
EPA 7421	Lead	STATE	PA	2/22/2010
EPA 7470	Mercury	STATE	PA	2/22/2010
EPA 7740	Selenium	STATE	PA	2/22/2010
EPA 7841	Thallium	STATE	PA	2/22/2010
EPA 8011	1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	STATE	PA	2/22/2010
EPA 8011	1,2-Dibromoethane (EDB, Ethylene dibromide)	STATE	PA	2/22/2010
EPA 8081A	4,4'-DDD	STATE	PA	2/22/2010
EPA 8081A	4,4'-DDE	STATE	PA	2/22/2010
EPA 8081A	4,4'-DDT	STATE	PA	2/22/2010
EPA 8081A	Aldrin (HHDN)	STATE	PA	2/22/2010
EPA 8081A	Chlordane (total)	STATE	PA	2/22/2010
EPA 8081A	Dieldrin	STATE	PA	2/22/2010
EPA 8081A	Endosulfan I	STATE	PA	2/22/2010
EPA 8081A	Endosulfan II	STATE	PA	2/22/2010
EPA 8081A	Endosulfan sulfate	STATE	PA	2/22/2010
EPA 8081A	Endrin	STATE	PA	2/22/2010
EPA 8081A	Endrin aldehyde	STATE	PA	2/22/2010
EPA 8081A	Heptachlor	STATE	PA	2/22/2010
EPA 8081A	Heptachlor epoxide	STATE	PA	2/22/2010
EPA 8081A	Methoxychlor	STATE	PA	2/22/2010

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized accrediting authority. Customers are urged to verify the laboratory's current accreditation standing.



Laboratory Scope of Accreditation

Attachment to Certificate of Accreditation 001, expiration date February 28, 2011. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

State Laboratory ID: 68-01752

EPA Lab Code:

RI00002

(401) 461-7181

ESS Laboratory Div of Thielsch Eng Inc
185 Frances Ave
Cranston, RI 02910

Program Non-Potable Water

Method	Analyte	Accreditation Type	Primary	Effective Date
EPA 8081A	Toxaphene (Chlorinated camphene)	STATE	PA	2/22/2010
EPA 8081A	alpha-BHC (alpha-Hexachlorocyclohexane)	STATE	PA	2/22/2010
EPA 8081A	alpha-Chlordane	STATE	PA	2/22/2010
EPA 8081A	beta-BHC (beta-Hexachlorocyclohexane)	STATE	PA	2/22/2010
EPA 8081A	delta-BHC (delta-Hexachlorocyclohexane)	STATE	PA	2/22/2010
EPA 8081A	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	STATE	PA	2/22/2010
EPA 8081A	gamma-Chlordane	STATE	PA	2/22/2010
EPA 8082	Aroclor-1016 (PCB-1016)	STATE	PA	2/22/2010
EPA 8082	Aroclor-1221 (PCB-1221)	STATE	PA	2/22/2010
EPA 8082	Aroclor-1232 (PCB-1232)	STATE	PA	2/22/2010
EPA 8082	Aroclor-1242 (PCB-1242)	STATE	PA	2/22/2010
EPA 8082	Aroclor-1248 (PCB-1248)	STATE	PA	2/22/2010
EPA 8082	Aroclor-1254 (PCB-1254)	STATE	PA	2/22/2010
EPA 8082	Aroclor-1260 (PCB-1260)	STATE	PA	2/22/2010
EPA 8260	Benzyl chloride	STATE	PA	2/22/2010
EPA 8260	1,1,1-Trichloroethane	STATE	PA	2/22/2010
EPA 8260	1,1,2,2-Tetrachloroethane	STATE	PA	2/22/2010
EPA 8260	1,1,2-Trichloroethane	STATE	PA	2/22/2010
EPA 8260	1,1-Dichloroethane	STATE	PA	2/22/2010
EPA 8260	1,1-Dichloroethene (1,1-Dichloroethylene)	STATE	PA	2/22/2010
EPA 8260	1,2-Dichlorobenzene (o-Dichlorobenzene)	STATE	PA	2/22/2010
EPA 8260	1,2-Dichloroethane	STATE	PA	2/22/2010
EPA 8260	1,2-Dichloropropane	STATE	PA	2/22/2010
EPA 8260	1,3-Dichlorobenzene (m-Dichlorobenzene)	STATE	PA	2/22/2010
EPA 8260	1,4-Dichlorobenzene (p-Dichlorobenzene)	STATE	PA	2/22/2010
EPA 8260	2-Butanone (Methyl ethyl ketone, MEK)	STATE	PA	2/22/2010
EPA 8260	2-Chloroethyl vinyl ether	STATE	PA	2/22/2010
EPA 8260	4-Methyl-2-pentanone (MIBK)	STATE	PA	2/22/2010
EPA 8260	Acrolein (Propenal)	STATE	PA	2/22/2010
EPA 8260	Acrylonitrile	STATE	PA	2/22/2010
EPA 8260	Benzene	STATE	PA	2/22/2010
EPA 8260	Bromodichloromethane	STATE	PA	2/22/2010
EPA 8260	Bromoform	STATE	PA	2/22/2010
EPA 8260	Bromomethane (Methyl bromide)	STATE	PA	2/22/2010
EPA 8260	Carbon tetrachloride	STATE	PA	2/22/2010
EPA 8260	Chlorobenzene	STATE	PA	2/22/2010

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized accrediting authority. Customers are urged to verify the laboratory's current accreditation standing.



Laboratory Scope of Accreditation

Attachment to Certificate of Accreditation 001, expiration date February 28, 2011. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

State Laboratory ID: 68-01752

EPA Lab Code:

RI00002

(401) 461-7181

ESS Laboratory Div of Thielsch Eng Inc
185 Frances Ave
Cranston, RI 02910

Program Non-Potable Water

Method	Analyte	Accreditation Type	Primary	Effective Date
EPA 8260	Chloroethane	STATE	PA	2/22/2010
EPA 8260	Chloroform	STATE	PA	2/22/2010
EPA 8260	Chloromethane (Methyl chloride)	STATE	PA	2/22/2010
EPA 8260	Dibromochloromethane	STATE	PA	2/22/2010
EPA 8260	Dichlorodifluoromethane (Freon 12)	STATE	PA	2/22/2010
EPA 8260	Epichlorohydrin (1-Chloro-2,3-epoxypropane)	STATE	PA	2/22/2010
EPA 8260	Ethylbenzene	STATE	PA	2/22/2010
EPA 8260	Methyl tert-butyl ether (MTBE)	STATE	PA	2/22/2010
EPA 8260	Methylene chloride (Dichloromethane)	STATE	PA	2/22/2010
EPA 8260	Naphthalene	STATE	PA	2/22/2010
EPA 8260	Tetrachloroethene (PCE, Perchloroethylene)	STATE	PA	2/22/2010
EPA 8260	Toluene	STATE	PA	2/22/2010
EPA 8260	Trichloroethene (TCE, Trichloroethylene)	STATE	PA	2/22/2010
EPA 8260	Trichlorofluoromethane (Freon 11)	STATE	PA	2/22/2010
EPA 8260	Vinyl chloride (Chloroethene)	STATE	PA	2/22/2010
EPA 8260	Xylenes, total	STATE	PA	2/22/2010
EPA 8260	cis-1,3-Dichloropropene	STATE	PA	2/22/2010
EPA 8260	trans-1,2-Dichloroethene	STATE	PA	2/22/2010
EPA 8260	trans-1,3-Dichloropropene	STATE	PA	2/22/2010
EPA 8260B	VOCs by GC/MS	STATE	PA	2/22/2010
EPA 8270	2,4,5-Trichlorophenol	STATE	PA	2/22/2010
EPA 8270	2,4,6-Trichlorophenol	STATE	PA	2/22/2010
EPA 8270	2,4-Dichlorophenol	STATE	PA	2/22/2010
EPA 8270	2,4-Dimethylphenol	STATE	PA	2/22/2010
EPA 8270	2,4-Dinitrophenol	STATE	PA	2/22/2010
EPA 8270	2,4-Dinitrotoluene (2,4-DNT)	STATE	PA	2/22/2010
EPA 8270	2,6-Dinitrotoluene (2,6-DNT)	STATE	PA	2/22/2010
EPA 8270	2-Chloronaphthalene	STATE	PA	2/22/2010
EPA 8270	2-Chlorophenol	STATE	PA	2/22/2010
EPA 8270	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	STATE	PA	2/22/2010
EPA 8270	2-Methylnaphthalene	STATE	PA	2/22/2010
EPA 8270	2-Methylphenol (o-Cresol)	STATE	PA	2/22/2010
EPA 8270	2-Nitrophenol	STATE	PA	2/22/2010
EPA 8270	3,3'-Dichlorobenzidine	STATE	PA	2/22/2010
EPA 8270	3-Methylphenol (m-Cresol)	STATE	PA	2/22/2010
EPA 8270	4-Bromophenyl phenyl ether	STATE	PA	2/22/2010

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized accrediting authority. Customers are urged to verify the laboratory's current accreditation standing.



Laboratory Scope of Accreditation

Attachment to Certificate of Accreditation 001, expiration date February 28, 2011. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

State Laboratory ID: 68-01752

EPA Lab Code:

RI00002

(401) 461-7181

ESS Laboratory Div of Thielsch Eng Inc
185 Frances Ave
Cranston, RI 02910

Program Non-Potable Water

Method	Analyte	Accreditation Type	Primary	Effective Date
EPA 8270	4-Chloro-3-methylphenol	STATE	PA	2/22/2010
EPA 8270	4-Chlorophenyl phenyl ether	STATE	PA	2/22/2010
EPA 8270	4-Methylphenol (p-Cresol)	STATE	PA	2/22/2010
EPA 8270	4-Nitrophenol	STATE	PA	2/22/2010
EPA 8270	Acenaphthene	STATE	PA	2/22/2010
EPA 8270	Acenaphthylene	STATE	PA	2/22/2010
EPA 8270	Anthracene	STATE	PA	2/22/2010
EPA 8270	Benzidine	STATE	PA	2/22/2010
EPA 8270	Benzo[a]anthracene	STATE	PA	2/22/2010
EPA 8270	Benzo[a]pyrene	STATE	PA	2/22/2010
EPA 8270	Benzo[b]fluoranthene	STATE	PA	2/22/2010
EPA 8270	Benzo[ghi]perylene	STATE	PA	2/22/2010
EPA 8270	Benzo[k]fluoranthene	STATE	PA	2/22/2010
EPA 8270	Benzyl butyl phthalate (Butyl benzyl phthalate)	STATE	PA	2/22/2010
EPA 8270	Chrysene (Benzo[a]phenanthrene)	STATE	PA	2/22/2010
EPA 8270	Di-n-butyl phthalate	STATE	PA	2/22/2010
EPA 8270	Di-n-octyl phthalate	STATE	PA	2/22/2010
EPA 8270	Dibenzo[a,h]anthracene	STATE	PA	2/22/2010
EPA 8270	Diethyl phthalate	STATE	PA	2/22/2010
EPA 8270	Dimethyl phthalate	STATE	PA	2/22/2010
EPA 8270	Fluorene	STATE	PA	2/22/2010
EPA 8270	Hexachlorobenzene	STATE	PA	2/22/2010
EPA 8270	Hexachlorocyclopentadiene	STATE	PA	2/22/2010
EPA 8270	Indeno(1,2,3-cd)pyrene	STATE	PA	2/22/2010
EPA 8270	Isophorone	STATE	PA	2/22/2010
EPA 8270	N-Nitrosodimethylamine	STATE	PA	2/22/2010
EPA 8270	N-Nitrosodiphenylamine	STATE	PA	2/22/2010
EPA 8270	Pentachlorophenol (PCP)	STATE	PA	2/22/2010
EPA 8270	Phenanthrene	STATE	PA	2/22/2010
EPA 8270	Pyrene	STATE	PA	2/22/2010
EPA 8270	bis(2-Chloroethoxy)methane	STATE	PA	2/22/2010
EPA 8270	bis(2-Chloroethyl) ether	STATE	PA	2/22/2010
EPA 8270	bis(2-Chloroisopropyl) ether	STATE	PA	2/22/2010
EPA 8270	bis(2-Ethylhexyl) phthalate (DEHP)	STATE	PA	2/22/2010
EPA 8270	1,2,4-Trichlorobenzene	STATE	PA	2/22/2010
EPA 8270	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	STATE	PA	2/22/2010

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized accrediting authority. Customers are urged to verify the laboratory's current accreditation standing.



Laboratory Scope of Accreditation

Attachment to Certificate of Accreditation 001, expiration date February 28, 2011. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

State Laboratory ID: 68-01752

EPA Lab Code:

RI00002

(401) 461-7181

ESS Laboratory Div of Thielsch Eng Inc
185 Frances Ave
Cranston, RI 02910

Program Non-Potable Water

Method	Analyte	Accreditation Type	Primary	Effective Date
EPA 8270	Hexachloroethane	STATE	PA	2/22/2010
EPA 8270	Naphthalene	STATE	PA	2/22/2010
EPA 8270	Nitrobenzene	STATE	PA	2/22/2010
EPA 8270	Pyridine	STATE	PA	2/22/2010
EPA 8270 SIM	Acenaphthene	STATE	PA	2/22/2010
EPA 8270 SIM	Acenaphthylene	STATE	PA	2/22/2010
EPA 8270 SIM	Anthracene	STATE	PA	2/22/2010
EPA 8270 SIM	Benzo[a]anthracene	STATE	PA	2/22/2010
EPA 8270 SIM	Benzo[a]pyrene	STATE	PA	2/22/2010
EPA 8270 SIM	Benzo[b]fluoranthene	STATE	PA	2/22/2010
EPA 8270 SIM	Benzo[ghi]perylene	STATE	PA	2/22/2010
EPA 8270 SIM	Benzo[k]fluoranthene	STATE	PA	2/22/2010
EPA 8270 SIM	Chrysene (Benzo[a]phenanthrene)	STATE	PA	2/22/2010
EPA 8270 SIM	Dibenzo[a,h]anthracene	STATE	PA	2/22/2010
EPA 8270 SIM	Fluoranthene	STATE	PA	2/22/2010
EPA 8270 SIM	Fluorene	STATE	PA	2/22/2010
EPA 8270 SIM	Indeno(1,2,3-cd)pyrene	STATE	PA	2/22/2010
EPA 8270 SIM	Phenanthrene	STATE	PA	2/22/2010
EPA 8270 SIM	Pyrene	STATE	PA	2/22/2010
EPA 8270 SIM	Naphthalene	STATE	PA	2/22/2010
EPA 9010/9014	Total cyanide	STATE	PA	2/22/2010
EPA 9012	Total cyanide	STATE	PA	2/22/2010
EPA 9040	pH	STATE	PA	2/22/2010
EPA 9070	Oil and grease	STATE	PA	2/22/2010
SM 2320 B	Alkalinity as CaCO3	STATE	PA	2/22/2010
SM 2540 B	Residue, total	STATE	PA	2/22/2010
SM 2540 C	Total dissolved solids (TDS)	STATE	PA	2/22/2010
SM 2540 D	Residue, nonfilterable (FSS)	STATE	PA	2/22/2010
SM 2540 F	Residue, settleable	STATE	PA	2/22/2010
SM 3113 B	Antimony	STATE	PA	2/22/2010
SM 3113 B	Arsenic	STATE	PA	2/22/2010
SM 3113 B	Cadmium	STATE	PA	2/22/2010
SM 3113 B	Lead	STATE	PA	2/22/2010
SM 3113 B	Selenium	STATE	PA	2/22/2010
SM 3113 B	Thallium	STATE	PA	2/22/2010
SM 3500-Cr D	Chromium VI	STATE	PA	2/22/2010

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized accrediting authority. Customers are urged to verify the laboratory's current accreditation standing.



Laboratory Scope of Accreditation

Attachment to Certificate of Accreditation 001, expiration date February 28, 2011. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

State Laboratory ID: 68-01752

EPA Lab Code:

RI00002

(401) 461-7181

ESS Laboratory Div of Thielsch Eng Inc
185 Frances Ave
Cranston, RI 02910

Program Non-Potable Water

Method	Analyte	Accreditation Type	Primary	Effective Date
SM 4500-CN- C	Cyanide distillation	STATE	PA	2/22/2010
SM 4500-CN- E	Total cyanide	STATE	PA	2/22/2010
SM 4500-Cl D	Total residual chlorine	STATE	PA	2/22/2010
SM 4500-Cl E	Total residual chlorine	STATE	PA	2/22/2010
SM 4500-Cl G	Total residual chlorine	STATE	PA	2/22/2010
SM 4500-H+ B	pH	STATE	PA	2/22/2010
SM 4500-NH3 D	Kjeldahl nitrogen, total (TKN)	STATE	PA	2/22/2010
SM 4500-NH3 E	Kjeldahl nitrogen, total (TKN)	STATE	PA	2/22/2010
SM 4500-S D	Sulfide	STATE	PA	2/22/2010
SM 5210 B	Biochemical oxygen demand (BOD)	STATE	PA	2/22/2010
SM 5210 B	Carbonaceous BOD (CBOD)	STATE	PA	2/22/2010

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized accrediting authority. Customers are urged to verify the laboratory's current accreditation standing.



Laboratory Scope of Accreditation

Attachment to Certificate of Accreditation 001, expiration date February 28, 2011. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

State Laboratory ID: 68-01752

EPA Lab Code:

RI00002

(401) 461-7181

ESS Laboratory Div of Thielsch Eng Inc
185 Frances Ave
Cranston, RI 02910

Program Solid and Chemical Materials

Method	Analyte	Accreditation Type	Primary	Effective Date
EPA 1010	Ignitability	STATE	PA	2/22/2010
EPA 1311	Toxicity characteristic leaching procedure (TCLP)	STATE	PA	2/22/2010
EPA 3050B	Acid digestion of solids	STATE	PA	2/22/2010
EPA 3540C	Soxhlet extraction	STATE	PA	2/22/2010
EPA 3541	Automated soxhlet extraction	STATE	PA	2/22/2010
EPA 3546	Microwave extraction	STATE	PA	2/22/2010
EPA 3550	Ultrasonic extraction	STATE	PA	2/22/2010
EPA 3580A	Waste dilution	STATE	PA	2/22/2010
EPA 5035	Closed-system purge-and-trap (bisulfate option)	STATE	PA	2/22/2010
EPA 5035	Closed-system purge-and-trap (methanol option)	STATE	PA	2/22/2010
EPA 5035	Closed-system purge-and-trap (unpreserved)	STATE	PA	2/22/2010
EPA 6010	Aluminum	STATE	PA	2/22/2010
EPA 6010	Antimony	STATE	PA	2/22/2010
EPA 6010	Arsenic	STATE	PA	2/22/2010
EPA 6010	Barium	STATE	PA	2/22/2010
EPA 6010	Beryllium	STATE	PA	2/22/2010
EPA 6010	Boron	STATE	PA	2/22/2010
EPA 6010	Cadmium	STATE	PA	2/22/2010
EPA 6010	Calcium	STATE	PA	2/22/2010
EPA 6010	Chromium	STATE	PA	2/22/2010
EPA 6010	Cobalt	STATE	PA	2/22/2010
EPA 6010	Copper	STATE	PA	2/22/2010
EPA 6010	Iron	STATE	PA	2/22/2010
EPA 6010	Lead	STATE	PA	2/22/2010
EPA 6010	Magnesium	STATE	PA	2/22/2010
EPA 6010	Manganese	STATE	PA	2/22/2010
EPA 6010	Molybdenum	STATE	PA	2/22/2010
EPA 6010	Nickel	STATE	PA	2/22/2010
EPA 6010	Potassium	STATE	PA	2/22/2010
EPA 6010	Selenium	STATE	PA	2/22/2010
EPA 6010	Silver	STATE	PA	2/22/2010
EPA 6010	Sodium	STATE	PA	2/22/2010
EPA 6010	Strontium	STATE	PA	2/22/2010
EPA 6010	Thallium	STATE	PA	2/22/2010
EPA 6010	Tin	STATE	PA	2/22/2010
EPA 6010	Titanium	STATE	PA	2/22/2010

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized accrediting authority. Customers are urged to verify the laboratory's current accreditation standing.



Laboratory Scope of Accreditation

Attachment to Certificate of Accreditation 001, expiration date February 28, 2011. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

State Laboratory ID: 68-01752

EPA Lab Code:

RI00002

(401) 461-7181

ESS Laboratory Div of Thielsch Eng Inc
185 Frances Ave
Cranston, RI 02910

Program Solid and Chemical Materials

Method	Analyte	Accreditation Type	Primary	Effective Date
EPA 6010	Vanadium	STATE	PA	2/22/2010
EPA 6010	Zinc	STATE	PA	2/22/2010
EPA 6010B	Metals by ICP/AES	STATE	PA	2/22/2010
EPA 7041	Antimony	STATE	PA	2/22/2010
EPA 7060	Arsenic	STATE	PA	2/22/2010
EPA 7196A	Chromium VI	STATE	PA	2/22/2010
EPA 7471	Mercury	STATE	PA	2/22/2010
EPA 7740	Selenium	STATE	PA	2/22/2010
EPA 7841	Thallium	STATE	PA	2/22/2010
EPA 8015B	Diesel-range organics (DRO)	STATE	PA	2/22/2010
EPA 8015B	Gasoline-range organics (GRO)	STATE	PA	2/22/2010
EPA 8081	4,4'-DDD	STATE	PA	2/22/2010
EPA 8081	4,4'-DDE	STATE	PA	2/22/2010
EPA 8081	4,4'-DDT	STATE	PA	2/22/2010
EPA 8081	Aldrin (HHDN)	STATE	PA	2/22/2010
EPA 8081	Chlordane (tech.)	STATE	PA	2/22/2010
EPA 8081	Dieldrin	STATE	PA	2/22/2010
EPA 8081	Endosulfan I	STATE	PA	2/22/2010
EPA 8081	Endosulfan II	STATE	PA	2/22/2010
EPA 8081	Endosulfan sulfate	STATE	PA	2/22/2010
EPA 8081	Endrin	STATE	PA	2/22/2010
EPA 8081	Endrin aldehyde	STATE	PA	2/22/2010
EPA 8081	Heptachlor	STATE	PA	2/22/2010
EPA 8081	Heptachlor epoxide	STATE	PA	2/22/2010
EPA 8081	Methoxychlor	STATE	PA	2/22/2010
EPA 8081	Toxaphene (Chlorinated camphene)	STATE	PA	2/22/2010
EPA 8081	alpha-BHC (alpha-Hexachlorocyclohexane)	STATE	PA	2/22/2010
EPA 8081	beta-BHC (beta-Hexachlorocyclohexane)	STATE	PA	2/22/2010
EPA 8081	delta-BHC (delta-Hexachlorocyclohexane)	STATE	PA	2/22/2010
EPA 8081	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	STATE	PA	2/22/2010
EPA 8082	Aroclor-1016 (PCB-1016)	STATE	PA	2/22/2010
EPA 8082	Aroclor-1221 (PCB-1221)	STATE	PA	2/22/2010
EPA 8082	Aroclor-1232 (PCB-1232)	STATE	PA	2/22/2010
EPA 8082	Aroclor-1242 (PCB-1242)	STATE	PA	2/22/2010
EPA 8082	Aroclor-1248 (PCB-1248)	STATE	PA	2/22/2010
EPA 8082	Aroclor-1254 (PCB-1254)	STATE	PA	2/22/2010

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized accrediting authority. Customers are urged to verify the laboratory's current accreditation standing.



Laboratory Scope of Accreditation

Attachment to Certificate of Accreditation 001, expiration date February 28, 2011. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

State Laboratory ID: 68-01752

EPA Lab Code:

RI00002

(401) 461-7181

ESS Laboratory Div of Thielsch Eng Inc
185 Frances Ave
Cranston, RI 02910

Program Solid and Chemical Materials

Method	Analyte	Accreditation Type	Primary	Effective Date
EPA 8082	Aroclor-1260 (PCB-1260)	STATE	PA	2/22/2010
EPA 8082-Extended	Aroclor-1262 (PCB-1262)	STATE	PA	2/22/2010
EPA 8082-Extended	Aroclor-1268 (PCB-1268)	STATE	PA	2/22/2010
EPA 8260	1,1,1,2-Tetrachloroethane	STATE	PA	2/22/2010
EPA 8260	1,1,1-Trichloroethane	STATE	PA	2/22/2010
EPA 8260	1,1,2,2-Tetrachloroethane	STATE	PA	2/22/2010
EPA 8260	1,1,2-Trichloroethane	STATE	PA	2/22/2010
EPA 8260	1,1-Dichloroethane	STATE	PA	2/22/2010
EPA 8260	1,1-Dichloroethene (1,1-Dichloroethylene)	STATE	PA	2/22/2010
EPA 8260	1,1-Dichloropropene	STATE	PA	2/22/2010
EPA 8260	1,2,4-Trimethylbenzene	STATE	PA	2/22/2010
EPA 8260	1,2-Dibromoethane (EDB, Ethylene dibromide)	STATE	PA	2/22/2010
EPA 8260	1,2-Dichlorobenzene (o-Dichlorobenzene)	STATE	PA	2/22/2010
EPA 8260	1,2-Dichloroethane	STATE	PA	2/22/2010
EPA 8260	1,2-Dichloropropane	STATE	PA	2/22/2010
EPA 8260	1,3,5-Trimethylbenzene	STATE	PA	2/22/2010
EPA 8260	1,3-Dichlorobenzene (m-Dichlorobenzene)	STATE	PA	2/22/2010
EPA 8260	1,3-Dichloropropane	STATE	PA	2/22/2010
EPA 8260	1,4-Dichlorobenzene (p-Dichlorobenzene)	STATE	PA	2/22/2010
EPA 8260	2,2-Dichloropropane	STATE	PA	2/22/2010
EPA 8260	2-Butanone (Methyl ethyl ketone, MEK)	STATE	PA	2/22/2010
EPA 8260	2-Chloroethyl vinyl ether	STATE	PA	2/22/2010
EPA 8260	2-Chlorotoluene	STATE	PA	2/22/2010
EPA 8260	2-Hexanone	STATE	PA	2/22/2010
EPA 8260	4-Chlorotoluene	STATE	PA	2/22/2010
EPA 8260	4-Methyl-2-pentanone (MIBK)	STATE	PA	2/22/2010
EPA 8260	Acetone	STATE	PA	2/22/2010
EPA 8260	Acrolein (Propenal)	STATE	PA	2/22/2010
EPA 8260	Acrylonitrile	STATE	PA	2/22/2010
EPA 8260	Benzene	STATE	PA	2/22/2010
EPA 8260	Bromobenzene	STATE	PA	2/22/2010
EPA 8260	Bromochloromethane	STATE	PA	2/22/2010
EPA 8260	Bromodichloromethane	STATE	PA	2/22/2010
EPA 8260	Bromoform	STATE	PA	2/22/2010
EPA 8260	Bromomethane (Methyl bromide)	STATE	PA	2/22/2010
EPA 8260	Carbon disulfide	STATE	PA	2/22/2010

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized accrediting authority. Customers are urged to verify the laboratory's current accreditation standing.



Laboratory Scope of Accreditation

Attachment to Certificate of Accreditation 001, expiration date February 28, 2011. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

State Laboratory ID: 68-01752

EPA Lab Code:

RI00002

(401) 461-7181

ESS Laboratory Div of Thielsch Eng Inc
185 Frances Ave
Cranston, RI 02910

Program Solid and Chemical Materials

Method	Analyte	Accreditation Type	Primary	Effective Date
EPA 8260	Carbon tetrachloride	STATE	PA	2/22/2010
EPA 8260	Chlorobenzene	STATE	PA	2/22/2010
EPA 8260	Chloroethane	STATE	PA	2/22/2010
EPA 8260	Chloroform	STATE	PA	2/22/2010
EPA 8260	Chloromethane (Methyl chloride)	STATE	PA	2/22/2010
EPA 8260	Dibromochloromethane	STATE	PA	2/22/2010
EPA 8260	Dibromochloropropane (1,2-Dibromo-3-chloropropane, DBCP)	STATE	PA	2/22/2010
EPA 8260	Dibromomethane	STATE	PA	2/22/2010
EPA 8260	Dichlorodifluoromethane (Freon 12)	STATE	PA	2/22/2010
EPA 8260	Ethylbenzene	STATE	PA	2/22/2010
EPA 8260	Isopropylbenzene	STATE	PA	2/22/2010
EPA 8260	Methylene chloride (Dichloromethane)	STATE	PA	2/22/2010
EPA 8260	Styrene	STATE	PA	2/22/2010
EPA 8260	Tetrachloroethene (PCE, Perchloroethylene)	STATE	PA	2/22/2010
EPA 8260	Toluene	STATE	PA	2/22/2010
EPA 8260	Trichloroethene (TCE, Trichloroethylene)	STATE	PA	2/22/2010
EPA 8260	Trichlorofluoromethane (Freon 11)	STATE	PA	2/22/2010
EPA 8260	Vinyl acetate	STATE	PA	2/22/2010
EPA 8260	Vinyl chloride (Chloroethene)	STATE	PA	2/22/2010
EPA 8260	Xylenes, total	STATE	PA	2/22/2010
EPA 8260	cis-1,2-Dichloroethene	STATE	PA	2/22/2010
EPA 8260	cis-1,3-Dichloropropene	STATE	PA	2/22/2010
EPA 8260	n-Butylbenzene	STATE	PA	2/22/2010
EPA 8260	sec-Butylbenzene	STATE	PA	2/22/2010
EPA 8260	tert-Butylbenzene	STATE	PA	2/22/2010
EPA 8260	trans-1,2-Dichloroethene	STATE	PA	2/22/2010
EPA 8260	trans-1,3-Dichloropropene	STATE	PA	2/22/2010
EPA 8260B	VOCs by GC/MS	STATE	PA	2/22/2010
EPA 8270	2,3,4,6-Tetrachlorophenol	STATE	PA	2/22/2010
EPA 8270	2,4,6-Trichlorophenol	STATE	PA	2/22/2010
EPA 8270	2,4-Dichlorophenol	STATE	PA	2/22/2010
EPA 8270	2,4-Dimethylphenol	STATE	PA	2/22/2010
EPA 8270	2,4-Dinitrophenol	STATE	PA	2/22/2010
EPA 8270	2,4-Dinitrotoluene (2,4-DNT)	STATE	PA	2/22/2010
EPA 8270	2,6-Dinitrotoluene (2,6-DNT)	STATE	PA	2/22/2010
EPA 8270	2-Chloronaphthalene	STATE	PA	2/22/2010

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized accrediting authority. Customers are urged to verify the laboratory's current accreditation standing.

**Laboratory Scope of Accreditation**

Attachment to Certificate of Accreditation 001, expiration date February 28, 2011. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

State Laboratory ID: 68-01752

EPA Lab Code:

RI00002

(401) 461-7181

ESS Laboratory Div of Thielsch Eng Inc
185 Frances Ave
Cranston, RI 02910

Program Solid and Chemical Materials

Method	Analyte	Accreditation Type	Primary	Effective Date
EPA 8270	2-Chlorophenol	STATE	PA	2/22/2010
EPA 8270	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	STATE	PA	2/22/2010
EPA 8270	2-Methylphenol (o-Cresol)	STATE	PA	2/22/2010
EPA 8270	2-Nitroaniline	STATE	PA	2/22/2010
EPA 8270	2-Nitrophenol	STATE	PA	2/22/2010
EPA 8270	3,3'-Dichlorobenzidine	STATE	PA	2/22/2010
EPA 8270	3-Methylphenol (m-Cresol)	STATE	PA	2/22/2010
EPA 8270	3-Nitroaniline	STATE	PA	2/22/2010
EPA 8270	4-Bromophenyl phenyl ether	STATE	PA	2/22/2010
EPA 8270	4-Chloro-3-methylphenol	STATE	PA	2/22/2010
EPA 8270	4-Chloroaniline	STATE	PA	2/22/2010
EPA 8270	4-Chlorophenyl phenyl ether	STATE	PA	2/22/2010
EPA 8270	4-Methylphenol (p-Cresol)	STATE	PA	2/22/2010
EPA 8270	4-Nitroaniline	STATE	PA	2/22/2010
EPA 8270	4-Nitrophenol	STATE	PA	2/22/2010
EPA 8270	Acenaphthene	STATE	PA	2/22/2010
EPA 8270	Acenaphthylene	STATE	PA	2/22/2010
EPA 8270	Acetophenone	STATE	PA	2/22/2010
EPA 8270	Aniline	STATE	PA	2/22/2010
EPA 8270	Anthracene	STATE	PA	2/22/2010
EPA 8270	Benzidine	STATE	PA	2/22/2010
EPA 8270	Benzo[a]anthracene	STATE	PA	2/22/2010
EPA 8270	Benzo[a]pyrene	STATE	PA	2/22/2010
EPA 8270	Benzo[b]fluoranthene	STATE	PA	2/22/2010
EPA 8270	Benzo[ghi]perylene	STATE	PA	2/22/2010
EPA 8270	Benzo[k]fluoranthene	STATE	PA	2/22/2010
EPA 8270	Benzoic acid	STATE	PA	2/22/2010
EPA 8270	Benzyl alcohol	STATE	PA	2/22/2010
EPA 8270	Benzyl butyl phthalate (Butyl benzyl phthalate)	STATE	PA	2/22/2010
EPA 8270	Chrysene (Benzo[a]phenanthrene)	STATE	PA	2/22/2010
EPA 8270	Di-n-butyl phthalate	STATE	PA	2/22/2010
EPA 8270	Di-n-octyl phthalate	STATE	PA	2/22/2010
EPA 8270	Dibenzo[a,h]anthracene	STATE	PA	2/22/2010
EPA 8270	Dibenzofuran	STATE	PA	2/22/2010
EPA 8270	Diethyl phthalate	STATE	PA	2/22/2010
EPA 8270	Dimethyl phthalate	STATE	PA	2/22/2010

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized accrediting authority. Customers are urged to verify the laboratory's current accreditation standing.



Laboratory Scope of Accreditation

Attachment to Certificate of Accreditation 001, expiration date February 28, 2011. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

State Laboratory ID: 68-01752

EPA Lab Code:

RI00002

(401) 461-7181

ESS Laboratory Div of Thielsch Eng Inc
185 Frances Ave
Cranston, RI 02910

Program Solid and Chemical Materials

Method	Analyte	Accreditation Type	Primary	Effective Date
EPA 8270	Fluoranthene	STATE	PA	2/22/2010
EPA 8270	Fluorene	STATE	PA	2/22/2010
EPA 8270	Hexachlorobenzene	STATE	PA	2/22/2010
EPA 8270	Hexachlorocyclopentadiene	STATE	PA	2/22/2010
EPA 8270	Indeno(1,2,3-cd)pyrene	STATE	PA	2/22/2010
EPA 8270	Isophorone	STATE	PA	2/22/2010
EPA 8270	N-Nitrosodi-n-propylamine	STATE	PA	2/22/2010
EPA 8270	N-Nitrosodimethylamine	STATE	PA	2/22/2010
EPA 8270	N-Nitrosodiphenylamine	STATE	PA	2/22/2010
EPA 8270	Pentachlorophenol (PCP)	STATE	PA	2/22/2010
EPA 8270	Phenanthrene	STATE	PA	2/22/2010
EPA 8270	Phenol	STATE	PA	2/22/2010
EPA 8270	Pyrene	STATE	PA	2/22/2010
EPA 8270	bis(2-Chloroethoxy)methane	STATE	PA	2/22/2010
EPA 8270	bis(2-Chloroethyl) ether	STATE	PA	2/22/2010
EPA 8270	bis(2-Chloroisopropyl) ether	STATE	PA	2/22/2010
EPA 8270	bis(2-Ethylhexyl) phthalate (DEHP)	STATE	PA	2/22/2010
EPA 8270	1,2,4-Trichlorobenzene	STATE	PA	2/22/2010
EPA 8270	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	STATE	PA	2/22/2010
EPA 8270	Hexachloroethane	STATE	PA	2/22/2010
EPA 8270	Naphthalene	STATE	PA	2/22/2010
EPA 8270	Nitrobenzene	STATE	PA	2/22/2010
EPA 8270	Pyridine	STATE	PA	2/22/2010
EPA 8270 SIM	Acenaphthene	STATE	PA	2/22/2010
EPA 8270 SIM	Acenaphthylene	STATE	PA	2/22/2010
EPA 8270 SIM	Anthracene	STATE	PA	2/22/2010
EPA 8270 SIM	Benzo[a]anthracene	STATE	PA	2/22/2010
EPA 8270 SIM	Benzo[a]pyrene	STATE	PA	2/22/2010
EPA 8270 SIM	Benzo[b]fluoranthene	STATE	PA	2/22/2010
EPA 8270 SIM	Benzo[ghi]perylene	STATE	PA	2/22/2010
EPA 8270 SIM	Benzo[k]fluoranthene	STATE	PA	2/22/2010
EPA 8270 SIM	Chrysene (Benzo[a]phenanthrene)	STATE	PA	2/22/2010
EPA 8270 SIM	Dibenzo[a,h]anthracene	STATE	PA	2/22/2010
EPA 8270 SIM	Fluoranthene	STATE	PA	2/22/2010
EPA 8270 SIM	Fluorene	STATE	PA	2/22/2010
EPA 8270 SIM	Indeno(1,2,3-cd)pyrene	STATE	PA	2/22/2010

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized accrediting authority. Customers are urged to verify the laboratory's current accreditation standing.



Laboratory Scope of Accreditation

Attachment to Certificate of Accreditation 001, expiration date February 28, 2011. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

State Laboratory ID: 68-01752

EPA Lab Code:

RI00002

(401) 461-7181

ESS Laboratory Div of Thielsch Eng Inc
185 Frances Ave
Cranston, RI 02910

Program Solid and Chemical Materials

Method	Analyte	Accreditation Type	Primary	Effective Date
EPA 8270 SIM	Phenanthrene	STATE	PA	2/22/2010
EPA 8270 SIM	Pyrene	STATE	PA	2/22/2010
EPA 8270 SIM	Naphthalene	STATE	PA	2/22/2010
EPA 8270C	SOCs by GC/MS	STATE	PA	2/22/2010
EPA 8270C-Extended	Carbazole	STATE	PA	2/22/2010
EPA 9010/9014	Total cyanide	STATE	PA	2/22/2010
EPA 9012	Total cyanide	STATE	PA	2/22/2010
EPA 9040B	pH	STATE	PA	2/22/2010
EPA 9045	pH	STATE	PA	2/22/2010
EPA 9050	Conductivity	STATE	PA	2/22/2010
EPA 9065	Total phenolics	STATE	PA	2/22/2010
EPA 9071	Oil and grease	STATE	PA	2/22/2010
Sec. 7.3 SW-846	Reactive cyanide	STATE	PA	2/22/2010
Sec. 7.3 SW-846	Reactive sulfide	STATE	PA	2/22/2010

Laboratory Status Summary

Organization

01752
 ESS Laboratory Div of Thielsch Eng Inc
 185 Frances Ave
 Cranston, RI 02910

(401) 461-7181

Solid and Chemical Materials Certification

Method Code	Method Ref	Analyte	Status	Date Effective	Type	AA
10136400	EPA 3060	Alkaline digestion of Cr(VI)	Applied	2/3/2010	NELAP	NY
10173601	EPA 8015B	Total petroleum hydrocarbons (TPH)	Applied	2/3/2010	NELAP	NY

Non-Potable Water Certification

Method Code	Method Ref	Analyte	Status	Date Effective	Type	AA
137	EPA 624-Extended	Acetone	Applied	2/3/2010	NELAP	NY
10053200	EPA 300.0	Chloride	Applied	2/3/2010	NELAP	NY
10053200	EPA 300.0	Nitrate	Applied	2/3/2010	NELAP	NY
10053200	EPA 300.0	Nitrite	Applied	2/3/2010	NELAP	NY
10053200	EPA 300.0	Orthophosphate as P	Applied	2/3/2010	NELAP	NY
10067206	EPA 353.2	Total nitrate-nitrite	Applied	2/3/2010	NELAP	NY
10107401	EPA 625	Fluoranthene	Applied	2/3/2010	NELAP	NY
10136604	EPA 3060A	Alkaline digestion of Cr(VI)	Applied	2/3/2010	NELAP	NY
10148002	EPA 3660	Sulfur cleanup	Applied	2/3/2010	NELAP	NY
10148808	EPA 3665A	Sulfuric acid/permanganate clean-up	Applied	2/3/2010	NELAP	NY
10173203	EPA 8015	Diesel-range organics (DRO)	Applied	2/3/2010	NELAP	NY
10173203	EPA 8015	Gasoline-range organics (GRO)	Applied	2/3/2010	NELAP	NY
10184404	EPA 8260	1,2,4-Trichlorobenzene	Applied	2/3/2010	NELAP	NY
10184404	EPA 8260	1,2,4-Trimethylbenzene	Applied	2/3/2010	NELAP	NY
10184404	EPA 8260	Styrene	Applied	2/3/2010	NELAP	NY
10185203	EPA 8270	Dibenzofuran	Applied	2/3/2010	NELAP	NY
10185203	EPA 8270	Fluoranthene	Applied	2/3/2010	NELAP	NY
10185203	EPA 8270	Phenol	Applied	2/3/2010	NELAP	NY
20003809	SM 2510 B	Conductivity	Applied	2/3/2010	NELAP	NY
20006808	SM 3113 B	Copper	Applied	2/3/2010	NELAP	NY
20006808	SM 3113 B	Silver	Applied	2/3/2010	NELAP	NY
20024800	SM 4500-Norg B	Kjeldahl nitrogen, total (TKN)	Applied	2/3/2010	NELAP	NY

Laboratory Status Summary

Organization

01752 (401) 461-7181
ESS Laboratory Div of Thielsch Eng Inc
185 Frances Ave
Cranston, RI 02910

Drinking Water Certification

Method Code	Method Ref	Analyte	Status	Date Effective	Type	AA
20025007	SM 4500-Norg C	Kjeldahl nitrogen, total (TKN)	Applied	2/3/2010	NELAP	NY

Drinking Water Certification

Method Code	Method Ref	Analyte	Status	Date Effective	Type	AA
10013806	EPA 200.7	Total hardness as CaCO3	Applied	2/3/2010	NELAP	NY
10067206	EPA 353.2	Total nitrate-nitrite	Applied	2/3/2010	NELAP	NY
20022406	SM 4500-H+ B	pH	Applied	2/3/2010	NELAP	NY