

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

BUREAU OF LABORATORIES

LABORATORY ACCREDITATION PROGRAM

Certifies That

68-03503

Enthalpy Analytical, LLC

1941 Reymet Road, Richmond, VA, 23237

Having duly met the requirement of

The act of June 29, 2002 (P.L. 596, No. 90)

dealing with Environmental Laboratories Accreditation

(27 Pa. C.S. 4104-4113) and the

National Environmental Laboratory Accreditation Program Standard

is hereby approved as an

Accredited Laboratory

to conduct analysis within the fields of accreditations more fully described in the attached Scope of Accreditation

NELAP accreditation granted by the PA DEP to an environmental laboratory is conditioned upon continued compliance with the current edition of the NELAC Standard or TNI Standard and the following Subchapters and Sections of 25 Pa. Code Chapter 252: Subchapter A (relating to general provisions); Subchapter B (relating to application, fees and supporting documents); Subchapter E (relating to proficiency test study requirements); Subchapter F (relating to assessment requirements); Subchapter G (relating to miscellaneous provisions); Section 252.307; and Section 252.401.

Expiration Date: **10/31/2022**

Certificate Number: **007**



Annamarie Beach

Annamarie Beach, Chief
Laboratory Accreditation Program
Bureau of Laboratories

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

Attached to Certificate of Accreditation 007-001 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC
1941 Reymet Road
Richmond, VA 23237
(804) 358-8295

DEP Laboratory ID: 68-03503
EPA Lab Code: VA00913
TNI Code: TNI01248

Matrix: Drinking Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
Colisure SM 9223	20th	Total coliform & E. coli (P/A)	NELAP	VA	10/24/2019
EPA 200.7	4.4	Aluminum	NELAP	VA	10/24/2019
EPA 200.7	4.4	Barium	NELAP	VA	10/24/2019
EPA 200.7	4.4	Cadmium	NELAP	VA	10/24/2019
EPA 200.7	4.4	Calcium	NELAP	VA	10/24/2019
EPA 200.7	4.4	Chromium	NELAP	VA	10/24/2019
EPA 200.7	4.4	Copper	NELAP	VA	10/24/2019
EPA 200.7	4.4	Iron	NELAP	VA	10/24/2019
EPA 200.7	4.4	Magnesium	NELAP	VA	10/24/2019
EPA 200.7	4.4	Manganese	NELAP	VA	10/24/2019
EPA 200.7	4.4	Nickel	NELAP	VA	10/24/2019
EPA 200.7	4.4	Silver	NELAP	VA	10/24/2019
EPA 200.7	4.4	Sodium	NELAP	VA	10/24/2019
EPA 200.7	4.4	Zinc	NELAP	VA	10/24/2019
EPA 200.8	5.4	Antimony	NELAP	VA	10/24/2019
EPA 200.8	5.4	Arsenic	NELAP	VA	10/24/2019
EPA 200.8	5.4	Barium	NELAP	VA	10/24/2019
EPA 200.8	5.4	Beryllium	NELAP	VA	10/24/2019
EPA 200.8	5.4	Cadmium	NELAP	VA	10/24/2019
EPA 200.8	5.4	Chromium	NELAP	VA	10/24/2019
EPA 200.8	5.4	Copper	NELAP	VA	10/24/2019
EPA 200.8	5.4	Lead	NELAP	VA	10/24/2019
EPA 200.8	5.4	Manganese	NELAP	VA	10/24/2019
EPA 200.8	5.4	Nickel	NELAP	VA	10/24/2019
EPA 200.8	5.4	Selenium	NELAP	VA	10/24/2019
EPA 200.8	5.4	Silver	NELAP	VA	10/24/2019
EPA 200.8	5.4	Thallium	NELAP	VA	10/24/2019
EPA 200.8	5.4	Zinc	NELAP	VA	10/24/2019
EPA 245.1	3.0	Mercury	NELAP	VA	10/24/2019
EPA 300.0	2.1	Chloride	NELAP	VA	10/24/2019
EPA 300.0	2.1	Chlorite	NELAP	VA	10/24/2019
EPA 300.0	2.1	Fluoride	NELAP	VA	10/24/2019
EPA 300.0	2.1	Nitrate as N	NELAP	VA	10/24/2019
EPA 300.0	2.1	Nitrite as N	NELAP	VA	10/24/2019
EPA 300.0	2.1	Sulfate	NELAP	VA	10/24/2019
EPA 300.0	2.1	Total nitrate-nitrite	NELAP	VA	10/24/2019
EPA 504.1	1.1	1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	NELAP	VA	10/24/2019
EPA 504.1	1.1	1,2-Dibromoethane (EDB, Ethylene dibromide)	NELAP	VA	10/24/2019
EPA 508.1	2.0	Aroclor-1016 (PCB-1016)	NELAP	VA	10/24/2019
EPA 508.1	2.0	Aroclor-1221 (PCB-1221)	NELAP	VA	10/24/2019
EPA 508.1	2.0	Aroclor-1232 (PCB-1232)	NELAP	VA	10/24/2019

Annmarie Beach

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

Attached to Certificate of Accreditation 007-001 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC
1941 Reymet Road
Richmond, VA 23237
(804) 358-8295

DEP Laboratory ID: 68-03503
EPA Lab Code: VA00913
TNI Code: TNI01248

Matrix: Drinking Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 508.1	2.0	Aroclor-1242 (PCB-1242)	NELAP	VA	10/24/2019
EPA 508.1	2.0	Aroclor-1248 (PCB-1248)	NELAP	VA	10/24/2019
EPA 508.1	2.0	Aroclor-1254 (PCB-1254)	NELAP	VA	10/24/2019
EPA 508.1	2.0	Aroclor-1260 (PCB-1260)	NELAP	VA	10/24/2019
EPA 508.1	2.0	Chlordane (tech.)	NELAP	VA	10/24/2019
EPA 508.1	2.0	Endrin	NELAP	VA	10/24/2019
EPA 508.1	2.0	Heptachlor	NELAP	VA	10/24/2019
EPA 508.1	2.0	Heptachlor epoxide	NELAP	VA	10/24/2019
EPA 508.1	2.0	Methoxychlor	NELAP	VA	10/24/2019
EPA 508.1	2.0	Toxaphene (Chlorinated camphene)	NELAP	VA	10/24/2019
EPA 508.1	2.0	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	NELAP	VA	10/24/2019
EPA 515.4	1.0	2,4,5-TP (Silvex)	NELAP	VA	10/24/2019
EPA 515.4	1.0	2,4-D	NELAP	VA	10/24/2019
EPA 515.4	1.0	Dalapon (2,2-Dichloropropionic acid)	NELAP	VA	10/24/2019
EPA 515.4	1.0	Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)	NELAP	VA	10/24/2019
EPA 515.4	1.0	Pentachlorophenol (PCP)	NELAP	VA	10/24/2019
EPA 515.4	1.0	Picloram (4-Amino-3,5,6-trichloro-2-pyridinecarboxylic acid)	NELAP	VA	10/24/2019
EPA 524.2	4.1	1,1,1-Trichloroethane	NELAP	VA	10/24/2019
EPA 524.2	4.1	1,1,2-Trichloroethane	NELAP	VA	10/24/2019
EPA 524.2	4.1	1,1-Dichloroethene (1,1-Dichloroethylene)	NELAP	VA	10/24/2019
EPA 524.2	4.1	1,2,4-Trichlorobenzene	NELAP	VA	10/24/2019
EPA 524.2	4.1	1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	VA	10/24/2019
EPA 524.2	4.1	1,2-Dichloroethane	NELAP	VA	10/24/2019
EPA 524.2	4.1	1,2-Dichloropropane	NELAP	VA	10/24/2019
EPA 524.2	4.1	1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	VA	10/24/2019
EPA 524.2	4.1	Benzene	NELAP	VA	10/24/2019
EPA 524.2	4.1	Bromodichloromethane	NELAP	VA	10/24/2019
EPA 524.2	4.1	Bromoform	NELAP	VA	10/24/2019
EPA 524.2	4.1	Carbon tetrachloride	NELAP	VA	10/24/2019
EPA 524.2	4.1	Chlorobenzene	NELAP	VA	10/24/2019
EPA 524.2	4.1	Chloroform	NELAP	VA	10/24/2019
EPA 524.2	4.1	Dibromochloromethane	NELAP	VA	10/24/2019
EPA 524.2	4.1	Ethylbenzene	NELAP	VA	10/24/2019
EPA 524.2	4.1	Methylene chloride (Dichloromethane)	NELAP	VA	10/24/2019
EPA 524.2	4.1	Styrene	NELAP	VA	10/24/2019
EPA 524.2	4.1	Tetrachloroethene (PCE, Perchloroethylene)	NELAP	VA	10/24/2019
EPA 524.2	4.1	Toluene	NELAP	VA	10/24/2019
EPA 524.2	4.1	Total trihalomethanes (TTHMs)	NELAP	VA	10/24/2019
EPA 524.2	4.1	Trichloroethene (TCE, Trichloroethylene)	NELAP	VA	10/24/2019
EPA 524.2	4.1	Vinyl chloride (Chloroethene)	NELAP	VA	10/24/2019

Annmarie Beach

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

Attached to Certificate of Accreditation 007-001 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC
1941 Reymet Road
Richmond, VA 23237
(804) 358-8295

DEP Laboratory ID: 68-03503
EPA Lab Code: VA00913
TNI Code: TNI01248

Matrix: Drinking Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 524.2	4.1	Xylenes, total	NELAP	VA	10/24/2019
EPA 524.2	4.1	cis-1,2-Dichloroethene	NELAP	VA	10/24/2019
EPA 524.2	4.1	trans-1,2-Dichloroethene	NELAP	VA	10/24/2019
EPA 525.2	2.0	Alachlor (Lasso)	NELAP	VA	10/24/2019
EPA 525.2	2.0	Atrazine	NELAP	VA	10/24/2019
EPA 525.2	2.0	Benzo[a]pyrene	NELAP	VA	10/24/2019
EPA 525.2	2.0	Hexachlorobenzene	NELAP	VA	10/24/2019
EPA 525.2	2.0	Hexachlorocyclopentadiene	NELAP	VA	10/24/2019
EPA 525.2	2.0	Simazine	NELAP	VA	10/24/2019
EPA 525.2	2.0	bis(2-Ethylhexyl) adipate (di(2-Ethylhexyl) adipate)	NELAP	VA	10/24/2019
EPA 525.2	2.0	bis(2-Ethylhexyl) phthalate (DEHP)	NELAP	VA	10/24/2019
EPA 552.3	1.0	Bromoacetic acid (Monobromoacetic acid, MBAA)	NELAP	VA	10/24/2019
EPA 552.3	1.0	Chloroacetic acid (Monochloroacetic acid, MCAA)	NELAP	VA	10/24/2019
EPA 552.3	1.0	Dibromoacetic acid (DBAA)	NELAP	VA	10/24/2019
EPA 552.3	1.0	Dichloroacetic acid (DCAA)	NELAP	VA	10/24/2019
EPA 552.3	1.0	Total haloacetic acids (HAA)	NELAP	VA	10/24/2019
EPA 552.3	1.0	Trichloroacetic acid (TCAA)	NELAP	VA	10/24/2019
SM 2120 B		Color	NELAP	VA	10/24/2019
SM 2130 B		Turbidity	NELAP	VA	10/24/2019
SM 2320 B		Alkalinity as CaCO ₃	NELAP	VA	10/24/2019
SM 2510 B		Conductivity	NELAP	VA	10/24/2019
SM 2540 C		Residue, filterable (TDS)	NELAP	VA	10/24/2019
SM 4500-CN- C/E		Total cyanide	NELAP	VA	10/24/2019
SM 4500-H+ B		pH	NELAP	VA	10/24/2019
SM 4500-NO ₂ - B		Nitrite as N	NELAP	VA	10/24/2019
SM 4500-NO ₃ - F		Total nitrate-nitrite	NELAP	VA	10/24/2019
SM 4500-P E		Orthophosphate as P	NELAP	VA	10/24/2019
SM 5310 C		Dissolved organic carbon (DOC)	NELAP	VA	10/24/2019
SM 5310 C		Total organic carbon (TOC)	NELAP	VA	10/24/2019
SM 5540 C		Surfactants as MBAS	NELAP	VA	10/24/2019
SM 5910 B		UV 254	NELAP	VA	10/24/2019
SM 9223 Colilert		E. coli (Enumeration)	NELAP	VA	10/24/2019
SM 9223 Colilert		Total coliform & E. coli (P/A)	NELAP	VA	10/24/2019
SM 9223 Colilert		Total coliform (Enumeration)	NELAP	VA	10/24/2019
SimPlate		Heterotrophic bacteria (Enumeration)	NELAP	VA	10/24/2019

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 1010	B	Flashpoint	NELAP	VA	05/13/2021
EPA 1311		Toxicity characteristic leaching procedure (TCLP)	NELAP	VA	10/24/2019

Annamarie Beach

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

Attached to Certificate of Accreditation 007-001 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC
1941 Reymet Road
Richmond, VA 23237
(804) 358-8295

DEP Laboratory ID: 68-03503
EPA Lab Code: VA00913
TNI Code: TNI01248

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 1312		Synthetic precipitation leaching procedure (SPLP)	NELAP	VA	10/24/2019
EPA 160.4		Residue, volatile	NELAP	VA	10/24/2019
EPA 1664	B	Non-polar material	NELAP	VA	10/24/2019
EPA 1664	B	Oil and grease	NELAP	VA	10/24/2019
EPA 200.2		Metals sample preparation	NELAP	VA	10/24/2019
EPA 200.7	4.4	Aluminum	NELAP	VA	10/24/2019
EPA 200.7	4.4	Antimony	NELAP	VA	10/24/2019
EPA 200.7	4.4	Arsenic	NELAP	VA	10/24/2019
EPA 200.7	4.4	Barium	NELAP	VA	10/24/2019
EPA 200.7	4.4	Beryllium	NELAP	VA	10/24/2019
EPA 200.7	4.4	Boron	NELAP	VA	10/24/2019
EPA 200.7	4.4	Cadmium	NELAP	VA	10/24/2019
EPA 200.7	4.4	Calcium	NELAP	VA	10/24/2019
EPA 200.7	4.4	Chromium	NELAP	VA	10/24/2019
EPA 200.7	4.4	Cobalt	NELAP	VA	10/24/2019
EPA 200.7	4.4	Copper	NELAP	VA	10/24/2019
EPA 200.7	4.4	Iron	NELAP	VA	10/24/2019
EPA 200.7	4.4	Lead	NELAP	VA	10/24/2019
EPA 200.7	4.4	Magnesium	NELAP	VA	10/24/2019
EPA 200.7	4.4	Manganese	NELAP	VA	10/24/2019
EPA 200.7	4.4	Molybdenum	NELAP	VA	10/24/2019
EPA 200.7	4.4	Nickel	NELAP	VA	10/24/2019
EPA 200.7	4.4	Potassium	NELAP	VA	10/24/2019
EPA 200.7	4.4	Selenium	NELAP	VA	10/24/2019
EPA 200.7	4.4	Silica, as SiO ₂	NELAP	VA	10/24/2019
EPA 200.7	4.4	Silver	NELAP	VA	10/24/2019
EPA 200.7	4.4	Sodium	NELAP	VA	10/24/2019
EPA 200.7	4.4	Thallium	NELAP	VA	10/24/2019
EPA 200.7	4.4	Tin	NELAP	VA	10/24/2019
EPA 200.7	4.4	Titanium	NELAP	VA	10/24/2019
EPA 200.7	4.4	Vanadium	NELAP	VA	10/24/2019
EPA 200.7	4.4	Zinc	NELAP	VA	10/24/2019
EPA 200.8	5.4	Antimony	NELAP	VA	10/24/2019
EPA 200.8	5.4	Arsenic	NELAP	VA	10/24/2019
EPA 200.8	5.4	Barium	NELAP	VA	10/24/2019
EPA 200.8	5.4	Beryllium	NELAP	VA	10/24/2019
EPA 200.8	5.4	Cadmium	NELAP	VA	10/24/2019
EPA 200.8	5.4	Chromium	NELAP	VA	10/24/2019
EPA 200.8	5.4	Cobalt	NELAP	VA	10/24/2019
EPA 200.8	5.4	Copper	NELAP	VA	10/24/2019
EPA 200.8	5.4	Lead	NELAP	VA	10/24/2019
EPA 200.8	5.4	Manganese	NELAP	VA	10/24/2019

Annamarie Beach

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

Attached to Certificate of Accreditation 007-001 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC
1941 Reymet Road
Richmond, VA 23237
(804) 358-8295

DEP Laboratory ID: 68-03503
EPA Lab Code: VA00913
TNI Code: TNI01248

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 200.8	5.4	Molybdenum	NELAP	VA	10/24/2019
EPA 200.8	5.4	Nickel	NELAP	VA	10/24/2019
EPA 200.8	5.4	Selenium	NELAP	VA	10/24/2019
EPA 200.8	5.4	Silver	NELAP	VA	10/24/2019
EPA 200.8	5.4	Thallium	NELAP	VA	10/24/2019
EPA 200.8	5.4	Tin	NELAP	VA	10/24/2019
EPA 200.8	5.4	Vanadium	NELAP	VA	10/24/2019
EPA 200.8	5.4	Zinc	NELAP	VA	10/24/2019
EPA 245.1	3.0	Mercury	NELAP	VA	10/24/2019
EPA 300.0	2.1	Bromide	NELAP	VA	10/24/2019
EPA 300.0	2.1	Chloride	NELAP	VA	10/24/2019
EPA 300.0	2.1	Fluoride	NELAP	VA	10/24/2019
EPA 300.0	2.1	Nitrate as N	NELAP	VA	10/24/2019
EPA 300.0	2.1	Nitrite as N	NELAP	VA	10/24/2019
EPA 300.0	2.1	Sulfate	NELAP	VA	10/24/2019
EPA 300.0	2.1	Total nitrate-nitrite	NELAP	VA	10/24/2019
EPA 3005	A	Preconcentration under acid	NELAP	VA	10/24/2019
EPA 3010	A	Hot plate acid digestion (HNO ₃ + HCl)	NELAP	VA	10/24/2019
EPA 350.1	2.0	Ammonia as N	NELAP	VA	10/24/2019
EPA 351.2		Kjeldahl nitrogen, total (TKN)	NELAP	VA	10/24/2019
EPA 3510	C	Separatory funnel liquid-liquid extraction	NELAP	VA	10/24/2019
EPA 3511		Organic compounds in water by microextraction	NELAP	VA	10/24/2019
EPA 3665	A	Sulfuric acid/permanganate clean-up	NELAP	VA	10/24/2019
EPA 420.1		Total phenolics	NELAP	VA	10/24/2019
EPA 5030		Aqueous-phase purge-and-trap	NELAP	VA	10/24/2019
EPA 6010	D	Metals by ICP/AES	NELAP	VA	06/29/2020
EPA 6010	D	Aluminum	NELAP	VA	06/29/2020
EPA 6010	D	Antimony	NELAP	VA	06/29/2020
EPA 6010	D	Arsenic	NELAP	VA	06/29/2020
EPA 6010	D	Barium	NELAP	VA	06/29/2020
EPA 6010	D	Beryllium	NELAP	VA	06/29/2020
EPA 6010	D	Boron	NELAP	VA	06/29/2020
EPA 6010	D	Cadmium	NELAP	VA	06/29/2020
EPA 6010	D	Calcium	NELAP	VA	06/29/2020
EPA 6010	D	Chromium	NELAP	VA	06/29/2020
EPA 6010	D	Cobalt	NELAP	VA	06/29/2020
EPA 6010	D	Copper	NELAP	VA	06/29/2020
EPA 6010	D	Iron	NELAP	VA	06/29/2020
EPA 6010	D	Lead	NELAP	VA	06/29/2020
EPA 6010	D	Lithium	NELAP	VA	06/29/2020
EPA 6010	D	Magnesium	NELAP	VA	06/29/2020
EPA 6010	D	Manganese	NELAP	VA	06/29/2020

Annmarie Beach

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

Attached to Certificate of Accreditation 007-001 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC
1941 Reymet Road
Richmond, VA 23237
(804) 358-8295

DEP Laboratory ID: 68-03503
EPA Lab Code: VA00913
TNI Code: TNI01248

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 6010	D	Molybdenum	NELAP	VA	06/29/2020
EPA 6010	D	Nickel	NELAP	VA	06/29/2020
EPA 6010	D	Potassium	NELAP	VA	06/29/2020
EPA 6010	D	Selenium	NELAP	VA	06/29/2020
EPA 6010	D	Silica, as SiO2	NELAP	VA	06/29/2020
EPA 6010	D	Silver	NELAP	VA	06/29/2020
EPA 6010	D	Sodium	NELAP	VA	06/29/2020
EPA 6010	D	Strontium	NELAP	VA	06/29/2020
EPA 6010	D	Thallium	NELAP	VA	06/29/2020
EPA 6010	D	Tin	NELAP	VA	06/29/2020
EPA 6010	D	Titanium	NELAP	VA	06/29/2020
EPA 6010	D	Vanadium	NELAP	VA	06/29/2020
EPA 6010	D	Zinc	NELAP	VA	06/29/2020
EPA 6020	B	Metals by ICP/MS	NELAP	VA	06/29/2020
EPA 6020	B	Antimony	NELAP	VA	06/29/2020
EPA 6020	B	Arsenic	NELAP	VA	06/29/2020
EPA 6020	B	Barium	NELAP	VA	06/29/2020
EPA 6020	B	Beryllium	NELAP	VA	06/29/2020
EPA 6020	B	Cadmium	NELAP	VA	06/29/2020
EPA 6020	B	Chromium	NELAP	VA	06/29/2020
EPA 6020	B	Cobalt	NELAP	VA	06/29/2020
EPA 6020	B	Copper	NELAP	VA	06/29/2020
EPA 6020	B	Lead	NELAP	VA	06/29/2020
EPA 6020	B	Lithium	NELAP	VA	06/29/2020
EPA 6020	B	Manganese	NELAP	VA	06/29/2020
EPA 6020	B	Molybdenum	NELAP	VA	06/29/2020
EPA 6020	B	Nickel	NELAP	VA	06/29/2020
EPA 6020	B	Selenium	NELAP	VA	06/29/2020
EPA 6020	B	Silver	NELAP	VA	06/29/2020
EPA 6020	B	Thallium	NELAP	VA	06/29/2020
EPA 6020	B	Tin	NELAP	VA	06/29/2020
EPA 6020	B	Vanadium	NELAP	VA	06/29/2020
EPA 6020	B	Zinc	NELAP	VA	06/29/2020
EPA 608.3		4,4'-DDD	NELAP	VA	10/24/2019
EPA 608.3		4,4'-DDE	NELAP	VA	10/24/2019
EPA 608.3		4,4'-DDT	NELAP	VA	10/24/2019
EPA 608.3		Aldrin (HHDN)	NELAP	VA	10/24/2019
EPA 608.3		Aroclor-1016 (PCB-1016)	NELAP	VA	10/24/2019
EPA 608.3		Aroclor-1221 (PCB-1221)	NELAP	VA	10/24/2019
EPA 608.3		Aroclor-1232 (PCB-1232)	NELAP	VA	10/24/2019
EPA 608.3		Aroclor-1242 (PCB-1242)	NELAP	VA	10/24/2019
EPA 608.3		Aroclor-1248 (PCB-1248)	NELAP	VA	10/24/2019

Annamarie Beach

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

Attached to Certificate of Accreditation 007-001 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC
1941 Reymet Road
Richmond, VA 23237
(804) 358-8295

DEP Laboratory ID: 68-03503
EPA Lab Code: VA00913
TNI Code: TNI01248

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 608.3		Aroclor-1254 (PCB-1254)	NELAP	VA	10/24/2019
EPA 608.3		Aroclor-1260 (PCB-1260)	NELAP	VA	10/24/2019
EPA 608.3		Chlordane (tech.)	NELAP	VA	10/24/2019
EPA 608.3		Dieldrin	NELAP	VA	10/24/2019
EPA 608.3		Endosulfan I	NELAP	VA	10/24/2019
EPA 608.3		Endosulfan II	NELAP	VA	10/24/2019
EPA 608.3		Endosulfan sulfate	NELAP	VA	10/24/2019
EPA 608.3		Endrin	NELAP	VA	10/24/2019
EPA 608.3		Endrin aldehyde	NELAP	VA	10/24/2019
EPA 608.3		Heptachlor	NELAP	VA	10/24/2019
EPA 608.3		Heptachlor epoxide	NELAP	VA	10/24/2019
EPA 608.3		Methoxychlor	NELAP	VA	10/24/2019
EPA 608.3		Toxaphene (Chlorinated camphene)	NELAP	VA	10/24/2019
EPA 608.3		alpha-BHC (alpha-Hexachlorocyclohexane)	NELAP	VA	10/24/2019
EPA 608.3		beta-BHC (beta-Hexachlorocyclohexane)	NELAP	VA	10/24/2019
EPA 608.3		delta-BHC (delta-Hexachlorocyclohexane)	NELAP	VA	10/24/2019
EPA 608.3		gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	NELAP	VA	10/24/2019
EPA 614		Azinphos-methyl (Guthion)	NELAP	VA	10/24/2019
EPA 614		Demeton-O	NELAP	VA	10/24/2019
EPA 614		Demeton-S	NELAP	VA	10/24/2019
EPA 614		Diazinon (Spectracide)	NELAP	VA	10/24/2019
EPA 614		Malathion	NELAP	VA	10/24/2019
EPA 614		Parathion, ethyl (Ethyl parathion, Parathion)	NELAP	VA	10/24/2019
EPA 615		2,4,5-TP (Silvex)	NELAP	VA	10/24/2019
EPA 615		2,4-D	NELAP	VA	10/24/2019
EPA 615		Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)	NELAP	VA	10/24/2019
EPA 622		Azinphos-methyl (Guthion)	NELAP	VA	10/24/2019
EPA 622		Chlorpyrifos	NELAP	VA	10/24/2019
EPA 622		Demeton-O	NELAP	VA	10/24/2019
EPA 622		Demeton-S	NELAP	VA	10/24/2019
EPA 622		Diazinon (Spectracide)	NELAP	VA	10/24/2019
EPA 622		Disulfoton	NELAP	VA	10/24/2019
EPA 622		Methyl parathion (Parathion, methyl)	NELAP	VA	10/24/2019
EPA 624.1		1,1,1-Trichloroethane	NELAP	VA	10/24/2019
EPA 624.1		1,1,1,2-Tetrachloroethane	NELAP	VA	10/24/2019
EPA 624.1		1,1,2-Trichloroethane	NELAP	VA	10/24/2019
EPA 624.1		1,1-Dichloroethane	NELAP	VA	10/24/2019
EPA 624.1		1,1-Dichloroethene (1,1-Dichloroethylene)	NELAP	VA	10/24/2019
EPA 624.1		1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	VA	10/24/2019
EPA 624.1		1,2-Dichloroethane	NELAP	VA	10/24/2019
EPA 624.1		1,2-Dichloropropane	NELAP	VA	10/24/2019

Annamarie Beach

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

Attached to Certificate of Accreditation 007-001 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC
1941 Reymet Road
Richmond, VA 23237
(804) 358-8295

DEP Laboratory ID: 68-03503
EPA Lab Code: VA00913
TNI Code: TNI01248

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 624.1		1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	VA	10/24/2019
EPA 624.1		1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	VA	10/24/2019
EPA 624.1		2-Butanone (Methyl ethyl ketone, MEK)	NELAP	VA	10/24/2019
EPA 624.1		2-Chloroethyl vinyl ether	NELAP	VA	10/24/2019
EPA 624.1		4-Methyl-2-pentanone (MIBK)	NELAP	VA	10/24/2019
EPA 624.1		Acetone	NELAP	VA	10/24/2019
EPA 624.1		Acrolein (Propenal)	NELAP	VA	10/24/2019
EPA 624.1		Acrylonitrile	NELAP	VA	10/24/2019
EPA 624.1		Benzene	NELAP	VA	10/24/2019
EPA 624.1		Bromodichloromethane	NELAP	VA	10/24/2019
EPA 624.1		Bromoform	NELAP	VA	10/24/2019
EPA 624.1		Carbon tetrachloride	NELAP	VA	10/24/2019
EPA 624.1		Chlorobenzene	NELAP	VA	10/24/2019
EPA 624.1		Chloroethane	NELAP	VA	10/24/2019
EPA 624.1		Chloroform	NELAP	VA	10/24/2019
EPA 624.1		Dibromochloromethane	NELAP	VA	10/24/2019
EPA 624.1		Ethyl acetate	NELAP	VA	10/24/2019
EPA 624.1		Ethylbenzene	NELAP	VA	10/24/2019
EPA 624.1		Isopropyl acetate	NELAP	VA	10/24/2019
EPA 624.1		Methyl bromide (Bromomethane)	NELAP	VA	10/24/2019
EPA 624.1		Methyl chloride (Chloromethane)	NELAP	VA	10/24/2019
EPA 624.1		Methyl tert-butyl ether (MTBE)	NELAP	VA	10/24/2019
EPA 624.1		Methylene chloride (Dichloromethane)	NELAP	VA	10/24/2019
EPA 624.1		Tetrachloroethene (PCE, Perchloroethylene)	NELAP	VA	10/24/2019
EPA 624.1		Toluene	NELAP	VA	10/24/2019
EPA 624.1		Trichloroethene (TCE, Trichloroethylene)	NELAP	VA	10/24/2019
EPA 624.1		Trichlorofluoromethane (Freon 11)	NELAP	VA	10/24/2019
EPA 624.1		Vinyl chloride (Chloroethene)	NELAP	VA	10/24/2019
EPA 624.1		Xylenes, total	NELAP	VA	10/24/2019
EPA 624.1		cis-1,3-Dichloropropene	NELAP	VA	10/24/2019
EPA 624.1		n-Amyl acetate (n-Pentyl acetate)	NELAP	VA	10/24/2019
EPA 624.1		trans-1,2-Dichloroethene	NELAP	VA	10/24/2019
EPA 624.1		trans-1,3-Dichloropropene	NELAP	VA	10/24/2019
EPA 625.1		1,2,4-Trichlorobenzene	NELAP	VA	10/24/2019
EPA 625.1		1,2-Diphenylhydrazine	NELAP	VA	10/24/2019
EPA 625.1		2,2'-Oxybis(1-chloropropane) (bis(2-Chloro-1-methylethyl) ether)	NELAP	VA	10/24/2019
EPA 625.1		2,3,7,8-TCDD (Dioxin) (screen)	NELAP	VA	10/24/2019
EPA 625.1		2,4,6-Trichlorophenol	NELAP	VA	10/24/2019
EPA 625.1		2,4-Dichlorophenol	NELAP	VA	10/24/2019
EPA 625.1		2,4-Dimethylphenol	NELAP	VA	10/24/2019
EPA 625.1		2,4-Dinitrophenol	NELAP	VA	10/24/2019

Annmarie Beach

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

Attached to Certificate of Accreditation 007-001 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC
1941 Reymet Road
Richmond, VA 23237
(804) 358-8295

DEP Laboratory ID: 68-03503
EPA Lab Code: VA00913
TNI Code: TNI01248

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 625.1		2,4-Dinitrotoluene (2,4-DNT)	NELAP	VA	10/24/2019
EPA 625.1		2,6-Dinitrotoluene (2,6-DNT)	NELAP	VA	10/24/2019
EPA 625.1		2-Chloronaphthalene	NELAP	VA	10/24/2019
EPA 625.1		2-Chlorophenol	NELAP	VA	10/24/2019
EPA 625.1		2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	NELAP	VA	10/24/2019
EPA 625.1		2-Methylphenol (o-Cresol)	NELAP	VA	10/24/2019
EPA 625.1		2-Nitrophenol	NELAP	VA	10/24/2019
EPA 625.1		3+4-Methylphenol (m+p-Cresol)	NELAP	VA	10/24/2019
EPA 625.1		3,3'-Dichlorobenzidine	NELAP	VA	10/24/2019
EPA 625.1		4-Bromophenyl phenyl ether	NELAP	VA	10/24/2019
EPA 625.1		4-Chloro-3-methylphenol	NELAP	VA	10/24/2019
EPA 625.1		4-Chlorophenyl phenyl ether	NELAP	VA	10/24/2019
EPA 625.1		4-Nitrophenol	NELAP	VA	10/24/2019
EPA 625.1		Acenaphthene	NELAP	VA	10/24/2019
EPA 625.1		Acenaphthylene	NELAP	VA	10/24/2019
EPA 625.1		Anthracene	NELAP	VA	10/24/2019
EPA 625.1		Benzidine	NELAP	VA	10/24/2019
EPA 625.1		Benzo[a]anthracene	NELAP	VA	10/24/2019
EPA 625.1		Benzo[a]pyrene	NELAP	VA	10/24/2019
EPA 625.1		Benzo[b]fluoranthene	NELAP	VA	10/24/2019
EPA 625.1		Benzo[ghi]perylene	NELAP	VA	10/24/2019
EPA 625.1		Benzo[k]fluoranthene	NELAP	VA	10/24/2019
EPA 625.1		Benzoic acid	NELAP	VA	10/24/2019
EPA 625.1		Butyl benzyl phthalate (Benzyl butyl phthalate)	NELAP	VA	10/24/2019
EPA 625.1		Chrysene (Benzo[a]phenanthrene)	NELAP	VA	10/24/2019
EPA 625.1		Di-n-butyl phthalate	NELAP	VA	10/24/2019
EPA 625.1		Di-n-octyl phthalate	NELAP	VA	10/24/2019
EPA 625.1		Dibenzo[a,h]anthracene	NELAP	VA	10/24/2019
EPA 625.1		Diethyl phthalate	NELAP	VA	10/24/2019
EPA 625.1		Dimethyl phthalate	NELAP	VA	10/24/2019
EPA 625.1		Dinonyl phthalate	NELAP	VA	10/24/2019
EPA 625.1		Fluoranthene	NELAP	VA	10/24/2019
EPA 625.1		Fluorene	NELAP	VA	10/24/2019
EPA 625.1		Hexachlorobenzene	NELAP	VA	10/24/2019
EPA 625.1		Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	VA	10/24/2019
EPA 625.1		Hexachlorocyclopentadiene	NELAP	VA	10/24/2019
EPA 625.1		Hexachloroethane	NELAP	VA	10/24/2019
EPA 625.1		Indeno(1,2,3-cd)pyrene	NELAP	VA	10/24/2019
EPA 625.1		Isophorone	NELAP	VA	10/24/2019
EPA 625.1		N-Nitrosodi-n-propylamine	NELAP	VA	10/24/2019
EPA 625.1		N-Nitrosodimethylamine	NELAP	VA	10/24/2019

Annamarie Beach

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

Attached to Certificate of Accreditation 007-001 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC
1941 Reymet Road
Richmond, VA 23237
(804) 358-8295

DEP Laboratory ID: 68-03503
EPA Lab Code: VA00913
TNI Code: TNI01248

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 625.1		N-Nitrosodiphenylamine	NELAP	VA	10/24/2019
EPA 625.1		Naphthalene	NELAP	VA	10/24/2019
EPA 625.1		Nitrobenzene	NELAP	VA	10/24/2019
EPA 625.1		Pentachlorophenol (PCP)	NELAP	VA	10/24/2019
EPA 625.1		Phenanthrene	NELAP	VA	10/24/2019
EPA 625.1		Phenol	NELAP	VA	10/24/2019
EPA 625.1		Pyrene	NELAP	VA	10/24/2019
EPA 625.1		alpha-Terpineol	NELAP	VA	10/24/2019
EPA 625.1		bis(2-Chloroethoxy)methane	NELAP	VA	10/24/2019
EPA 625.1		bis(2-Chloroethyl) ether	NELAP	VA	10/24/2019
EPA 625.1		bis(2-Ethylhexyl) phthalate (DEHP)	NELAP	VA	10/24/2019
EPA 7010		Antimony	NELAP	VA	10/24/2019
EPA 7010		Arsenic	NELAP	VA	10/24/2019
EPA 7010		Beryllium	NELAP	VA	10/24/2019
EPA 7010		Cadmium	NELAP	VA	10/24/2019
EPA 7010		Chromium	NELAP	VA	10/24/2019
EPA 7010		Copper	NELAP	VA	10/24/2019
EPA 7010		Lead	NELAP	VA	10/24/2019
EPA 7010		Nickel	NELAP	VA	10/24/2019
EPA 7010		Selenium	NELAP	VA	10/24/2019
EPA 7010		Thallium	NELAP	VA	10/24/2019
EPA 7196	A	Chromium VI	NELAP	VA	10/24/2019
EPA 7470	A	Mercury	NELAP	VA	10/24/2019
EPA 8011		1,2,3-Trichloropropane (1,2,3-TCP)	NELAP	VA	10/24/2019
EPA 8011		1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	NELAP	VA	10/24/2019
EPA 8011		1,2-Dibromoethane (EDB, Ethylene dibromide)	NELAP	VA	10/24/2019
EPA 8015	C	Nonhalogenated organics by GC/FID	NELAP	VA	10/24/2019
EPA 8015	C	Diesel-range organics (DRO)	NELAP	VA	10/24/2019
EPA 8015	C	Gasoline-range organics (GRO)	NELAP	VA	10/24/2019
EPA 8015	C	Oil-range organics (ORO)	NELAP	VA	10/24/2019
EPA 8021	B	VOCs by GC/PID/ELCD	NELAP	VA	10/24/2019
EPA 8021	B	Benzene	NELAP	VA	10/24/2019
EPA 8021	B	Ethylbenzene	NELAP	VA	10/24/2019
EPA 8021	B	Methyl tert-butyl ether (MTBE)	NELAP	VA	10/24/2019
EPA 8021	B	Naphthalene	NELAP	VA	10/24/2019
EPA 8021	B	Toluene	NELAP	VA	10/24/2019
EPA 8021	B	Xylenes, total	NELAP	VA	10/24/2019
EPA 8021	B	m+p-Xylene	NELAP	VA	10/24/2019
EPA 8021	B	o-Xylene	NELAP	VA	10/24/2019
EPA 8081	B	Organochlorine pesticides by GC/ECD	NELAP	VA	10/24/2019
EPA 8081	B	4,4'-DDD	NELAP	VA	10/24/2019

Annamarie Beach

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

Attached to Certificate of Accreditation 007-001 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC
1941 Reymet Road
Richmond, VA 23237
(804) 358-8295

DEP Laboratory ID: 68-03503
EPA Lab Code: VA00913
TNI Code: TNI01248

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8081	B	4,4'-DDE	NELAP	VA	10/24/2019
EPA 8081	B	4,4'-DDT	NELAP	VA	10/24/2019
EPA 8081	B	Aldrin (HHDN)	NELAP	VA	10/24/2019
EPA 8081	B	Chlordane (tech.)	NELAP	VA	10/24/2019
EPA 8081	B	Dieldrin	NELAP	VA	10/24/2019
EPA 8081	B	Endosulfan I	NELAP	VA	10/24/2019
EPA 8081	B	Endosulfan II	NELAP	VA	10/24/2019
EPA 8081	B	Endosulfan sulfate	NELAP	VA	10/24/2019
EPA 8081	B	Endrin	NELAP	VA	10/24/2019
EPA 8081	B	Endrin aldehyde	NELAP	VA	10/24/2019
EPA 8081	B	Endrin ketone	NELAP	VA	10/24/2019
EPA 8081	B	Heptachlor	NELAP	VA	10/24/2019
EPA 8081	B	Heptachlor epoxide	NELAP	VA	10/24/2019
EPA 8081	B	Methoxychlor	NELAP	VA	10/24/2019
EPA 8081	B	Mirex	NELAP	VA	10/24/2019
EPA 8081	B	Toxaphene (Chlorinated camphene)	NELAP	VA	10/24/2019
EPA 8081	B	alpha-BHC (alpha-Hexachlorocyclohexane)	NELAP	VA	10/24/2019
EPA 8081	B	alpha-Chlordane	NELAP	VA	10/24/2019
EPA 8081	B	beta-BHC (beta-Hexachlorocyclohexane)	NELAP	VA	10/24/2019
EPA 8081	B	delta-BHC (delta-Hexachlorocyclohexane)	NELAP	VA	10/24/2019
EPA 8081	B	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	NELAP	VA	10/24/2019
EPA 8081	B	gamma-Chlordane	NELAP	VA	10/24/2019
EPA 8082	A	PCBs by GC/ECD	NELAP	VA	10/24/2019
EPA 8082	A	Aroclor-1016 (PCB-1016)	NELAP	VA	10/24/2019
EPA 8082	A	Aroclor-1221 (PCB-1221)	NELAP	VA	10/24/2019
EPA 8082	A	Aroclor-1232 (PCB-1232)	NELAP	VA	10/24/2019
EPA 8082	A	Aroclor-1242 (PCB-1242)	NELAP	VA	10/24/2019
EPA 8082	A	Aroclor-1248 (PCB-1248)	NELAP	VA	10/24/2019
EPA 8082	A	Aroclor-1254 (PCB-1254)	NELAP	VA	10/24/2019
EPA 8082	A	Aroclor-1260 (PCB-1260)	NELAP	VA	10/24/2019
EPA 8082	A	Aroclor-1262 (PCB-1262)	NELAP	VA	10/24/2019
EPA 8082	A	Aroclor-1268 (PCB-1268)	NELAP	VA	10/24/2019
EPA 8151	A	Chlorinated herbicides by GC/ECD	NELAP	VA	10/24/2019
EPA 8151	A	2,4,5-T	NELAP	VA	10/24/2019
EPA 8151	A	2,4,5-TP (Silvex)	NELAP	VA	10/24/2019
EPA 8151	A	2,4-D	NELAP	VA	10/24/2019
EPA 8151	A	Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)	NELAP	VA	10/24/2019
EPA 8151	A	Pentachlorophenol (PCP)	NELAP	VA	10/24/2019
EPA 8260	D	VOCs by GC/MS	NELAP	VA	10/24/2019
EPA 8260	D	1,1,1,2-Tetrachloroethane	NELAP	VA	10/24/2019
EPA 8260	D	1,1,1-Trichloroethane	NELAP	VA	10/24/2019

Annamarie Beach

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

Attached to Certificate of Accreditation 007-001 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC
1941 Reymet Road
Richmond, VA 23237
(804) 358-8295

DEP Laboratory ID: 68-03503
EPA Lab Code: VA00913
TNI Code: TNI01248

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8260	D	1,1,2,2-Tetrachloroethane	NELAP	VA	10/24/2019
EPA 8260	D	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NELAP	VA	10/24/2019
EPA 8260	D	1,1,2-Trichloroethane	NELAP	VA	10/24/2019
EPA 8260	D	1,1-Dichloroethane	NELAP	VA	10/24/2019
EPA 8260	D	1,1-Dichloroethene (1,1-Dichloroethylene)	NELAP	VA	10/24/2019
EPA 8260	D	1,1-Dichloropropene	NELAP	VA	10/24/2019
EPA 8260	D	1,2,3-Trichlorobenzene	NELAP	VA	10/24/2019
EPA 8260	D	1,2,3-Trichloropropane (1,2,3-TCP)	NELAP	VA	10/24/2019
EPA 8260	D	1,2,4-Trichlorobenzene	NELAP	VA	10/24/2019
EPA 8260	D	1,2,4-Trimethylbenzene	NELAP	VA	10/24/2019
EPA 8260	D	1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	NELAP	VA	10/24/2019
EPA 8260	D	1,2-Dibromoethane (EDB, Ethylene dibromide)	NELAP	VA	10/24/2019
EPA 8260	D	1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	VA	10/24/2019
EPA 8260	D	1,2-Dichloroethane	NELAP	VA	10/24/2019
EPA 8260	D	1,2-Dichloropropane	NELAP	VA	10/24/2019
EPA 8260	D	1,3,5-Trichlorobenzene	NELAP	VA	10/24/2019
EPA 8260	D	1,3,5-Trimethylbenzene	NELAP	VA	10/24/2019
EPA 8260	D	1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	VA	10/24/2019
EPA 8260	D	1,3-Dichloropropane	NELAP	VA	10/24/2019
EPA 8260	D	1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	VA	10/24/2019
EPA 8260	D	1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	VA	10/24/2019
EPA 8260	D	2,2-Dichloropropane	NELAP	VA	10/24/2019
EPA 8260	D	2-Butanone (Methyl ethyl ketone, MEK)	NELAP	VA	10/24/2019
EPA 8260	D	2-Chloroethyl vinyl ether	NELAP	VA	10/24/2019
EPA 8260	D	2-Chlorotoluene	NELAP	VA	10/24/2019
EPA 8260	D	2-Hexanone	NELAP	VA	10/24/2019
EPA 8260	D	2-Picoline (2-Methylpyridine)	NELAP	VA	10/24/2019
EPA 8260	D	4-Chlorotoluene	NELAP	VA	10/24/2019
EPA 8260	D	4-Methyl-2-pentanone (MIBK)	NELAP	VA	10/24/2019
EPA 8260	D	Acetone	NELAP	VA	10/24/2019
EPA 8260	D	Acetonitrile	NELAP	VA	10/24/2019
EPA 8260	D	Acrolein (Propenal)	NELAP	VA	10/24/2019
EPA 8260	D	Acrylonitrile	NELAP	VA	10/24/2019
EPA 8260	D	Allyl chloride (3-Chloropropene)	NELAP	VA	10/24/2019
EPA 8260	D	Benzene	NELAP	VA	10/24/2019
EPA 8260	D	Benzyl chloride	NELAP	VA	10/24/2019
EPA 8260	D	Bromobenzene	NELAP	VA	10/24/2019
EPA 8260	D	Bromochloromethane	NELAP	VA	10/24/2019
EPA 8260	D	Bromodichloromethane	NELAP	VA	10/24/2019
EPA 8260	D	Bromoform	NELAP	VA	10/24/2019
EPA 8260	D	Carbon disulfide	NELAP	VA	10/24/2019

Annamarie Beach

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

Attached to Certificate of Accreditation 007-001 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC
1941 Reymet Road
Richmond, VA 23237
(804) 358-8295

DEP Laboratory ID: 68-03503
EPA Lab Code: VA00913
TNI Code: TNI01248

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8260	D	Carbon tetrachloride	NELAP	VA	10/24/2019
EPA 8260	D	Chlorobenzene	NELAP	VA	10/24/2019
EPA 8260	D	Chloroethane	NELAP	VA	10/24/2019
EPA 8260	D	Chloroform	NELAP	VA	10/24/2019
EPA 8260	D	Chloroprene (2-Chloro-1,3-butadiene)	NELAP	VA	10/24/2019
EPA 8260	D	Cyclohexane	NELAP	VA	10/24/2019
EPA 8260	D	Cyclohexanone	NELAP	VA	10/24/2019
EPA 8260	D	Dibromochloromethane	NELAP	VA	10/24/2019
EPA 8260	D	Dibromofluoromethane	NELAP	VA	10/24/2019
EPA 8260	D	Dibromomethane	NELAP	VA	10/24/2019
EPA 8260	D	Dichlorodifluoromethane (Freon 12)	NELAP	VA	10/24/2019
EPA 8260	D	Diethyl ether (Ethyl ether)	NELAP	VA	10/24/2019
EPA 8260	D	Diisopropyl ether (DIPE)	NELAP	VA	10/24/2019
EPA 8260	D	Ethanol	NELAP	VA	10/24/2019
EPA 8260	D	Ethyl acetate	NELAP	VA	10/24/2019
EPA 8260	D	Ethyl methacrylate	NELAP	VA	10/24/2019
EPA 8260	D	Ethyl tert-butyl ether (ETBE)	NELAP	VA	10/24/2019
EPA 8260	D	Ethylbenzene	NELAP	VA	10/24/2019
EPA 8260	D	Ethylene oxide	NELAP	VA	10/24/2019
EPA 8260	D	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	VA	10/24/2019
EPA 8260	D	Iodomethane (Methyl iodide)	NELAP	VA	10/24/2019
EPA 8260	D	Isobutyl alcohol (2-Methyl-1-propanol)	NELAP	VA	10/24/2019
EPA 8260	D	Isopropyl acetate	NELAP	VA	10/24/2019
EPA 8260	D	Isopropyl alcohol (2-Propanol)	NELAP	VA	10/24/2019
EPA 8260	D	Isopropylbenzene (Cumene)	NELAP	VA	10/24/2019
EPA 8260	D	Methacrylonitrile	NELAP	VA	10/24/2019
EPA 8260	D	Methyl acetate	NELAP	VA	10/24/2019
EPA 8260	D	Methyl bromide (Bromomethane)	NELAP	VA	10/24/2019
EPA 8260	D	Methyl chloride (Chloromethane)	NELAP	VA	10/24/2019
EPA 8260	D	Methyl tert-butyl ether (MTBE)	NELAP	VA	10/24/2019
EPA 8260	D	Methylcyclohexane	NELAP	VA	10/24/2019
EPA 8260	D	Methylene chloride (Dichloromethane)	NELAP	VA	10/24/2019
EPA 8260	D	Methylmethacrylate	NELAP	VA	10/24/2019
EPA 8260	D	Naphthalene	NELAP	VA	10/24/2019
EPA 8260	D	Pentachloroethane	NELAP	VA	10/24/2019
EPA 8260	D	Pentafluorobenzene	NELAP	VA	10/24/2019
EPA 8260	D	Propionitrile (Ethyl cyanide)	NELAP	VA	10/24/2019
EPA 8260	D	Styrene	NELAP	VA	10/24/2019
EPA 8260	D	Tetrachloroethene (PCE, Perchloroethylene)	NELAP	VA	10/24/2019
EPA 8260	D	Toluene	NELAP	VA	10/24/2019
EPA 8260	D	Trichloroethene (TCE, Trichloroethylene)	NELAP	VA	10/24/2019
EPA 8260	D	Trichlorofluoromethane (Freon 11)	NELAP	VA	10/24/2019

Annamarie Beach

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

Attached to Certificate of Accreditation 007-001 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC
1941 Reymet Road
Richmond, VA 23237
(804) 358-8295

DEP Laboratory ID: 68-03503
EPA Lab Code: VA00913
TNI Code: TNI01248

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8260	D	Vinyl acetate	NELAP	VA	10/24/2019
EPA 8260	D	Vinyl chloride (Chloroethene)	NELAP	VA	10/24/2019
EPA 8260	D	Xylenes, total	NELAP	VA	10/24/2019
EPA 8260	D	cis-1,2-Dichloroethene	NELAP	VA	10/24/2019
EPA 8260	D	cis-1,3-Dichloropropene	NELAP	VA	10/24/2019
EPA 8260	D	cis-1,4-Dichloro-2-butene	NELAP	VA	10/24/2019
EPA 8260	D	m+p-Xylene	NELAP	VA	10/24/2019
EPA 8260	D	n-Butylbenzene	NELAP	VA	10/24/2019
EPA 8260	D	n-Hexane	NELAP	VA	10/24/2019
EPA 8260	D	n-Propylbenzene	NELAP	VA	10/24/2019
EPA 8260	D	o-Xylene	NELAP	VA	10/24/2019
EPA 8260	D	p-Isopropyltoluene (4-Isopropyltoluene)	NELAP	VA	10/24/2019
EPA 8260	D	sec-Butylbenzene	NELAP	VA	10/24/2019
EPA 8260	D	tert-Amyl alcohol (2-Methyl-2-butanol)	NELAP	VA	10/24/2019
EPA 8260	D	tert-Amyl ethyl ether (TAEE)	NELAP	VA	10/24/2019
EPA 8260	D	tert-Amyl methyl ether (TAME)	NELAP	VA	10/24/2019
EPA 8260	D	tert-Butyl alcohol (2-Methyl-2-propanol)	NELAP	VA	10/24/2019
EPA 8260	D	tert-Butylbenzene	NELAP	VA	10/24/2019
EPA 8260	D	trans-1,2-Dichloroethene	NELAP	VA	10/24/2019
EPA 8260	D	trans-1,3-Dichloropropene	NELAP	VA	10/24/2019
EPA 8260	D	trans-1,4-Dichloro-2-butene	NELAP	VA	10/24/2019
EPA 8260 SIM	D	1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	VA	10/24/2019
EPA 8270	E	SOCs by GC/MS	NELAP	VA	10/24/2019
EPA 8270	E	1,1'-Biphenyl (Biphenyl, Lemonene)	NELAP	VA	10/24/2019
EPA 8270	E	1,2,4,5-Tetrachlorobenzene	NELAP	VA	10/24/2019
EPA 8270	E	1,2,4-Trichlorobenzene	NELAP	VA	10/24/2019
EPA 8270	E	1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	NELAP	VA	10/24/2019
EPA 8270	E	1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	VA	10/24/2019
EPA 8270	E	1,2-Dinitrobenzene (1,2-DNB)	NELAP	VA	10/24/2019
EPA 8270	E	1,2-Diphenylhydrazine	NELAP	VA	10/24/2019
EPA 8270	E	1,3,5-Trinitrobenzene (1,3,5-TNB)	NELAP	VA	10/24/2019
EPA 8270	E	1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	VA	10/24/2019
EPA 8270	E	1,3-Dinitrobenzene (1,3-DNB)	NELAP	VA	10/24/2019
EPA 8270	E	1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	VA	10/24/2019
EPA 8270	E	1,4-Dinitrobenzene (1,4-DNB)	NELAP	VA	10/24/2019
EPA 8270	E	1,4-Naphthoquinone	NELAP	VA	10/24/2019
EPA 8270	E	1,4-Phenylenediamine	NELAP	VA	10/24/2019
EPA 8270	E	1-Chloronaphthalene	NELAP	VA	10/24/2019
EPA 8270	E	1-Methylnaphthalene	NELAP	VA	10/24/2019
EPA 8270	E	1-Naphthylamine (alpha-Naphthylamine)	NELAP	VA	10/24/2019

Annamarie Beach

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

Attached to Certificate of Accreditation 007-001 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC
1941 Reymet Road
Richmond, VA 23237
(804) 358-8295

DEP Laboratory ID: 68-03503
EPA Lab Code: VA00913
TNI Code: TNI01248

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	E	2,2'-Oxybis(1-chloropropane) (bis(2-Chloro-1-methylethyl) ether)	NELAP	VA	10/24/2019
EPA 8270	E	2,3,4,6-Tetrachlorophenol	NELAP	VA	10/24/2019
EPA 8270	E	2,4,5-Trichlorophenol	NELAP	VA	10/24/2019
EPA 8270	E	2,4,6-Trichlorophenol	NELAP	VA	10/24/2019
EPA 8270	E	2,4-Dichlorophenol	NELAP	VA	10/24/2019
EPA 8270	E	2,4-Dimethylphenol	NELAP	VA	10/24/2019
EPA 8270	E	2,4-Dinitrophenol	NELAP	VA	10/24/2019
EPA 8270	E	2,4-Dinitrotoluene (2,4-DNT)	NELAP	VA	10/24/2019
EPA 8270	E	2,6-Dichlorophenol	NELAP	VA	10/24/2019
EPA 8270	E	2,6-Dinitrotoluene (2,6-DNT)	NELAP	VA	10/24/2019
EPA 8270	E	2-Acetylaminofluorene	NELAP	VA	10/24/2019
EPA 8270	E	2-Chloronaphthalene	NELAP	VA	10/24/2019
EPA 8270	E	2-Chlorophenol	NELAP	VA	10/24/2019
EPA 8270	E	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	NELAP	VA	10/24/2019
EPA 8270	E	2-Methylnaphthalene	NELAP	VA	10/24/2019
EPA 8270	E	2-Methylphenol (o-Cresol)	NELAP	VA	10/24/2019
EPA 8270	E	2-Naphthylamine (beta-Naphthylamine)	NELAP	VA	10/24/2019
EPA 8270	E	2-Nitroaniline	NELAP	VA	10/24/2019
EPA 8270	E	2-Nitrophenol	NELAP	VA	10/24/2019
EPA 8270	E	2-Picoline (2-Methylpyridine)	NELAP	VA	10/24/2019
EPA 8270	E	3+4-Methylphenol (m+p-Cresol)	NELAP	VA	10/24/2019
EPA 8270	E	3,3'-Dichlorobenzidine	NELAP	VA	10/24/2019
EPA 8270	E	3,3'-Dimethylbenzidine	NELAP	VA	10/24/2019
EPA 8270	E	3-Methylcholanthrene	NELAP	VA	10/24/2019
EPA 8270	E	3-Nitroaniline	NELAP	VA	10/24/2019
EPA 8270	E	4,4'-Methylenebis(2-chloroaniline)	NELAP	VA	10/24/2019
EPA 8270	E	4,4'-Methylenebis(N,N-dimethylaniline)	NELAP	VA	10/24/2019
EPA 8270	E	4-Aminobiphenyl	NELAP	VA	10/24/2019
EPA 8270	E	4-Bromophenyl phenyl ether	NELAP	VA	10/24/2019
EPA 8270	E	4-Chloro-3-methylphenol	NELAP	VA	10/24/2019
EPA 8270	E	4-Chloroaniline	NELAP	VA	10/24/2019
EPA 8270	E	4-Chlorophenyl phenyl ether	NELAP	VA	10/24/2019
EPA 8270	E	4-Dimethylaminoazobenzene (Dimethylaminoazobenzene)	NELAP	VA	10/24/2019
EPA 8270	E	4-Nitroaniline	NELAP	VA	10/24/2019
EPA 8270	E	4-Nitrophenol	NELAP	VA	10/24/2019
EPA 8270	E	4-Nitroquinoline-1-oxide	NELAP	VA	10/24/2019
EPA 8270	E	5-Nitro-o-toluidine	NELAP	VA	10/24/2019
EPA 8270	E	7,12-Dimethylbenz(a)anthracene	NELAP	VA	10/24/2019
EPA 8270	E	Acenaphthene	NELAP	VA	10/24/2019
EPA 8270	E	Acenaphthylene	NELAP	VA	10/24/2019

Annmarie Beach

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

Attached to Certificate of Accreditation 007-001 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC
1941 Reymet Road
Richmond, VA 23237
(804) 358-8295

DEP Laboratory ID: 68-03503
EPA Lab Code: VA00913
TNI Code: TNI01248

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	E	Acetophenone	NELAP	VA	10/24/2019
EPA 8270	E	Aniline	NELAP	VA	10/24/2019
EPA 8270	E	Anthracene	NELAP	VA	10/24/2019
EPA 8270	E	Aramite	NELAP	VA	10/24/2019
EPA 8270	E	Atrazine	NELAP	VA	10/24/2019
EPA 8270	E	Azinphos-methyl (Guthion)	NELAP	VA	10/24/2019
EPA 8270	E	Azobenzene	NELAP	VA	10/24/2019
EPA 8270	E	Benzaldehyde	NELAP	VA	10/24/2019
EPA 8270	E	Benzidine	NELAP	VA	10/24/2019
EPA 8270	E	Benzo[a]anthracene	NELAP	VA	10/24/2019
EPA 8270	E	Benzo[a]pyrene	NELAP	VA	10/24/2019
EPA 8270	E	Benzo[b]fluoranthene	NELAP	VA	10/24/2019
EPA 8270	E	Benzo[ghi]perylene	NELAP	VA	10/24/2019
EPA 8270	E	Benzo[k]fluoranthene	NELAP	VA	10/24/2019
EPA 8270	E	Benzoic acid	NELAP	VA	10/24/2019
EPA 8270	E	Benzyl alcohol	NELAP	VA	10/24/2019
EPA 8270	E	Butyl benzyl phthalate (Benzyl butyl phthalate)	NELAP	VA	10/24/2019
EPA 8270	E	Caprolactam	NELAP	VA	10/24/2019
EPA 8270	E	Carbazole	NELAP	VA	10/24/2019
EPA 8270	E	Chlorobenzilate	NELAP	VA	10/24/2019
EPA 8270	E	Chrysene (Benzo[a]phenanthrene)	NELAP	VA	10/24/2019
EPA 8270	E	Di-n-butyl phthalate	NELAP	VA	10/24/2019
EPA 8270	E	Di-n-octyl phthalate	NELAP	VA	10/24/2019
EPA 8270	E	Diallate (cis or trans)	NELAP	VA	10/24/2019
EPA 8270	E	Dibenz[a,j]acridine	NELAP	VA	10/24/2019
EPA 8270	E	Dibenzo[a,h]anthracene	NELAP	VA	10/24/2019
EPA 8270	E	Dibenzofuran	NELAP	VA	10/24/2019
EPA 8270	E	Diethyl phthalate	NELAP	VA	10/24/2019
EPA 8270	E	Dimethoate	NELAP	VA	10/24/2019
EPA 8270	E	Dimethyl phthalate	NELAP	VA	10/24/2019
EPA 8270	E	Dinonyl phthalate	NELAP	VA	10/24/2019
EPA 8270	E	Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)	NELAP	VA	10/24/2019
EPA 8270	E	Diphenylamine	NELAP	VA	10/24/2019
EPA 8270	E	Disulfoton	NELAP	VA	10/24/2019
EPA 8270	E	Ethyl methanesulfonate	NELAP	VA	10/24/2019
EPA 8270	E	Famphur	NELAP	VA	10/24/2019
EPA 8270	E	Fluoranthene	NELAP	VA	10/24/2019
EPA 8270	E	Fluorene	NELAP	VA	10/24/2019
EPA 8270	E	Hexachlorobenzene	NELAP	VA	10/24/2019
EPA 8270	E	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	VA	10/24/2019
EPA 8270	E	Hexachlorocyclopentadiene	NELAP	VA	10/24/2019
EPA 8270	E	Hexachloroethane	NELAP	VA	10/24/2019

Annamarie Beach

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

Attached to Certificate of Accreditation 007-001 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC
1941 Reymet Road
Richmond, VA 23237
(804) 358-8295

DEP Laboratory ID: 68-03503
EPA Lab Code: VA00913
TNI Code: TNI01248

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	E	Hexachlorophene	NELAP	VA	10/24/2019
EPA 8270	E	Hexachloropropene	NELAP	VA	10/24/2019
EPA 8270	E	Indeno(1,2,3-cd)pyrene	NELAP	VA	10/24/2019
EPA 8270	E	Isodrin	NELAP	VA	10/24/2019
EPA 8270	E	Isophorone	NELAP	VA	10/24/2019
EPA 8270	E	Isosafrole	NELAP	VA	10/24/2019
EPA 8270	E	Kepone	NELAP	VA	10/24/2019
EPA 8270	E	Malathion	NELAP	VA	10/24/2019
EPA 8270	E	Methapyrilene	NELAP	VA	10/24/2019
EPA 8270	E	Methyl methanesulfonate	NELAP	VA	10/24/2019
EPA 8270	E	Methyl parathion (Parathion, methyl)	NELAP	VA	10/24/2019
EPA 8270	E	N-Nitrosodi-n-butylamine	NELAP	VA	10/24/2019
EPA 8270	E	N-Nitrosodi-n-propylamine	NELAP	VA	10/24/2019
EPA 8270	E	N-Nitrosodiethylamine	NELAP	VA	10/24/2019
EPA 8270	E	N-Nitrosodimethylamine	NELAP	VA	10/24/2019
EPA 8270	E	N-Nitrosodiphenylamine	NELAP	VA	10/24/2019
EPA 8270	E	N-Nitrosomethylethylamine	NELAP	VA	10/24/2019
EPA 8270	E	N-Nitrosomorpholine	NELAP	VA	10/24/2019
EPA 8270	E	N-Nitrosopiperidine	NELAP	VA	10/24/2019
EPA 8270	E	N-Nitrosopyrrolidine	NELAP	VA	10/24/2019
EPA 8270	E	Naphthalene	NELAP	VA	10/24/2019
EPA 8270	E	Nicotine	NELAP	VA	10/24/2019
EPA 8270	E	Nitrobenzene	NELAP	VA	10/24/2019
EPA 8270	E	O,O,O-Triethyl phosphorothioate	NELAP	VA	10/24/2019
EPA 8270	E	Parathion, ethyl (Ethyl parathion, Parathion)	NELAP	VA	10/24/2019
EPA 8270	E	Pentachlorobenzene	NELAP	VA	10/24/2019
EPA 8270	E	Pentachloronitrobenzene (PCNB)	NELAP	VA	10/24/2019
EPA 8270	E	Pentachlorophenol (PCP)	NELAP	VA	10/24/2019
EPA 8270	E	Phenacetin	NELAP	VA	10/24/2019
EPA 8270	E	Phenanthrene	NELAP	VA	10/24/2019
EPA 8270	E	Phenol	NELAP	VA	10/24/2019
EPA 8270	E	Phorate (Thimet)	NELAP	VA	10/24/2019
EPA 8270	E	Pronamide (Kerb)	NELAP	VA	10/24/2019
EPA 8270	E	Pyrene	NELAP	VA	10/24/2019
EPA 8270	E	Pyridine	NELAP	VA	10/24/2019
EPA 8270	E	Safrole	NELAP	VA	10/24/2019
EPA 8270	E	Thionazine (Thionazin, Zinophos)	NELAP	VA	10/24/2019
EPA 8270	E	a,a-Dimethylphenethylamine (Phentermine)	NELAP	VA	10/24/2019
EPA 8270	E	bis(2-Chloroethoxy)methane	NELAP	VA	10/24/2019
EPA 8270	E	bis(2-Chloroethyl) ether	NELAP	VA	10/24/2019
EPA 8270	E	bis(2-Ethylhexyl) phthalate (DEHP)	NELAP	VA	10/24/2019
EPA 8270	E	o-Toluidine (2-Toluidine, 2-Methylaniline)	NELAP	VA	10/24/2019

Annmarie Beach

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

Attached to Certificate of Accreditation 007-001 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC
1941 Reymet Road
Richmond, VA 23237
(804) 358-8295

DEP Laboratory ID: 68-03503
EPA Lab Code: VA00913
TNI Code: TNI01248

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 9012	B	Total cyanide	NELAP	VA	10/24/2019
EPA 9020	B	Total organic halides (TOX)	NELAP	VA	10/24/2019
EPA 9056	A	Anions by IC	NELAP	VA	10/24/2019
EPA 9056	A	Bromide	NELAP	VA	10/24/2019
EPA 9056	A	Chloride	NELAP	VA	10/24/2019
EPA 9056	A	Fluoride	NELAP	VA	10/24/2019
EPA 9056	A	Nitrate as N	NELAP	VA	10/24/2019
EPA 9056	A	Nitrite as N	NELAP	VA	10/24/2019
EPA 9056	A	Sulfate	NELAP	VA	10/24/2019
EPA 9060	A	Total organic carbon (TOC)	NELAP	VA	10/24/2019
EPA 9065		Total phenolics	NELAP	VA	10/24/2019
EPA 9215		Sulfide	NELAP	VA	10/24/2019
RSK-175		Ethane	NELAP	VA	10/24/2019
RSK-175		Ethene	NELAP	VA	10/24/2019
RSK-175		Methane	NELAP	VA	10/24/2019
SM 2130 B		Turbidity	NELAP	VA	10/24/2019
SM 2310 B		Acidity as CaCO ₃	NELAP	VA	10/24/2019
SM 2320 B		Alkalinity as CaCO ₃	NELAP	VA	10/24/2019
SM 2510 B		Conductivity	NELAP	VA	10/24/2019
SM 2540 B		Residue, total	NELAP	VA	10/24/2019
SM 2540 C		Residue, filterable (TDS)	NELAP	VA	10/24/2019
SM 2540 D		Residue, nonfilterable (TSS)	NELAP	VA	10/24/2019
SM 2540 F		Residue, settleable	NELAP	VA	10/24/2019
SM 3500-Cr B	20-22	Chromium VI	NELAP	VA	10/24/2019
SM 4500-CN- C/E		Total cyanide	NELAP	VA	10/24/2019
SM 4500-NO2- B		Nitrite as N	NELAP	VA	10/24/2019
SM 4500-NO3- F		Nitrate as N	NELAP	VA	10/24/2019
SM 4500-NO3- F		Total nitrate-nitrite	NELAP	VA	10/24/2019
SM 4500-P B		Preliminary treatment of phosphate samples	NELAP	VA	10/24/2019
SM 4500-P E		Orthophosphate as P	NELAP	VA	10/24/2019
SM 4500-P E		Phosphorus, total	NELAP	VA	10/24/2019
SM 4500-S2- F		Sulfide	NELAP	VA	10/24/2019
SM 5210 B		Biochemical oxygen demand (BOD)	NELAP	VA	10/24/2019
SM 5210 B		Carbonaceous BOD (CBOD)	NELAP	VA	10/24/2019
SM 5220 D		Chemical oxygen demand (COD)	NELAP	VA	10/24/2019
SM 5310 C		Total organic carbon (TOC)	NELAP	VA	10/24/2019
SM 5540 C		Surfactants as MBAS	NELAP	VA	10/24/2019

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
--------	----------	---------	--------------------	---------------	----------------

Annmarie Beach

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

Attached to Certificate of Accreditation 007-001 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC
1941 Reymet Road
Richmond, VA 23237
(804) 358-8295

DEP Laboratory ID: 68-03503
EPA Lab Code: VA00913
TNI Code: TNI01248

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 1010	B	Flashpoint	NELAP	PA	05/13/2021
EPA 1311		Toxicity characteristic leaching procedure (TCLP)	NELAP	VA	10/24/2019
EPA 1312		Synthetic precipitation leaching procedure (SPLP)	NELAP	VA	10/24/2019
EPA 3050	B	Acid digestion of solids	NELAP	VA	10/24/2019
EPA 3060	A	Alkaline digestion of Cr(VI)	NELAP	VA	10/24/2019
EPA 350.1	2.0	Ammonia as N	NELAP	VA	10/24/2019
EPA 351.2		Kjeldahl nitrogen, total (TKN)	NELAP	VA	10/24/2019
EPA 3550	C	Ultrasonic extraction	NELAP	VA	10/24/2019
EPA 3580	A	Waste dilution	NELAP	VA	10/24/2019
EPA 3585		Waste dilution for VOCs	NELAP	VA	10/24/2019
EPA 3665	A	Sulfuric acid/permanaganate clean-up	NELAP	VA	10/24/2019
EPA 5035		Closed-system purge-and-trap (bisulfate option)	NELAP	VA	10/24/2019
EPA 5035		Closed-system purge-and-trap (methanol option)	NELAP	VA	10/24/2019
EPA 5035		Closed-system purge-and-trap (unpreserved)	NELAP	VA	10/24/2019
EPA 6010	D	Metals by ICP/AES	NELAP	VA	06/29/2020
EPA 6010	D	Aluminum	NELAP	VA	06/29/2020
EPA 6010	D	Antimony	NELAP	VA	06/29/2020
EPA 6010	D	Arsenic	NELAP	VA	06/29/2020
EPA 6010	D	Barium	NELAP	VA	06/29/2020
EPA 6010	D	Beryllium	NELAP	VA	06/29/2020
EPA 6010	D	Boron	NELAP	VA	06/29/2020
EPA 6010	D	Cadmium	NELAP	VA	06/29/2020
EPA 6010	D	Calcium	NELAP	VA	06/29/2020
EPA 6010	D	Chromium	NELAP	VA	06/29/2020
EPA 6010	D	Cobalt	NELAP	VA	06/29/2020
EPA 6010	D	Copper	NELAP	VA	06/29/2020
EPA 6010	D	Iron	NELAP	VA	06/29/2020
EPA 6010	D	Lead	NELAP	VA	06/29/2020
EPA 6010	D	Magnesium	NELAP	VA	06/29/2020
EPA 6010	D	Manganese	NELAP	VA	06/29/2020
EPA 6010	D	Molybdenum	NELAP	VA	06/29/2020
EPA 6010	D	Nickel	NELAP	VA	06/29/2020
EPA 6010	D	Potassium	NELAP	VA	06/29/2020
EPA 6010	D	Selenium	NELAP	VA	06/29/2020
EPA 6010	D	Silica, as SiO2	NELAP	VA	06/29/2020
EPA 6010	D	Silver	NELAP	VA	06/29/2020
EPA 6010	D	Sodium	NELAP	VA	06/29/2020
EPA 6010	D	Strontium	NELAP	VA	06/29/2020
EPA 6010	D	Thallium	NELAP	VA	06/29/2020
EPA 6010	D	Tin	NELAP	VA	06/29/2020
EPA 6010	D	Titanium	NELAP	VA	06/29/2020
EPA 6010	D	Vanadium	NELAP	VA	06/29/2020

Annmarie Beach

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

Attached to Certificate of Accreditation 007-001 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC
1941 Reymet Road
Richmond, VA 23237
(804) 358-8295

DEP Laboratory ID: 68-03503
EPA Lab Code: VA00913
TNI Code: TNI01248

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 6010	D	Zinc	NELAP	VA	06/29/2020
EPA 6020	B	Metals by ICP/MS	NELAP	VA	06/29/2020
EPA 6020	B	Antimony	NELAP	VA	06/29/2020
EPA 6020	B	Arsenic	NELAP	VA	06/29/2020
EPA 6020	B	Barium	NELAP	VA	06/29/2020
EPA 6020	B	Beryllium	NELAP	VA	06/29/2020
EPA 6020	B	Cadmium	NELAP	VA	06/29/2020
EPA 6020	B	Chromium	NELAP	VA	06/29/2020
EPA 6020	B	Cobalt	NELAP	VA	06/29/2020
EPA 6020	B	Copper	NELAP	VA	06/29/2020
EPA 6020	B	Lead	NELAP	VA	06/29/2020
EPA 6020	B	Manganese	NELAP	VA	06/29/2020
EPA 6020	B	Molybdenum	NELAP	VA	06/29/2020
EPA 6020	B	Nickel	NELAP	VA	06/29/2020
EPA 6020	B	Selenium	NELAP	VA	06/29/2020
EPA 6020	B	Silver	NELAP	VA	06/29/2020
EPA 6020	B	Thallium	NELAP	VA	06/29/2020
EPA 6020	B	Vanadium	NELAP	VA	06/29/2020
EPA 6020	B	Zinc	NELAP	VA	06/29/2020
EPA 7196	A	Chromium VI	NELAP	VA	10/24/2019
EPA 7471	B	Mercury	NELAP	VA	10/24/2019
EPA 8015	C	Diesel-range organics (DRO)	NELAP	VA	10/24/2019
EPA 8015	C	Gasoline-range organics (GRO)	NELAP	VA	10/24/2019
EPA 8015	C	Oil-range organics (ORO)	NELAP	VA	10/24/2019
EPA 8021	B	VOCs by GC/PID/ELCD	NELAP	VA	10/24/2019
EPA 8021	B	Benzene	NELAP	VA	10/24/2019
EPA 8021	B	Ethylbenzene	NELAP	VA	10/24/2019
EPA 8021	B	Methyl tert-butyl ether (MTBE)	NELAP	VA	10/24/2019
EPA 8021	B	Naphthalene	NELAP	VA	10/24/2019
EPA 8021	B	Toluene	NELAP	VA	10/24/2019
EPA 8021	B	Xylenes, total	NELAP	VA	10/24/2019
EPA 8021	B	m+p-Xylene	NELAP	VA	10/24/2019
EPA 8021	B	o-Xylene	NELAP	VA	10/24/2019
EPA 8081	B	Organochlorine pesticides by GC/ECD	NELAP	VA	10/24/2019
EPA 8081	B	4,4'-DDD	NELAP	VA	10/24/2019
EPA 8081	B	4,4'-DDE	NELAP	VA	10/24/2019
EPA 8081	B	4,4'-DDT	NELAP	VA	10/24/2019
EPA 8081	B	Aldrin (HHDN)	NELAP	VA	10/24/2019
EPA 8081	B	Chlordane (tech.)	NELAP	VA	10/24/2019
EPA 8081	B	Dieldrin	NELAP	VA	10/24/2019
EPA 8081	B	Endosulfan I	NELAP	VA	10/24/2019
EPA 8081	B	Endosulfan II	NELAP	VA	10/24/2019

Annamarie Beach

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

Attached to Certificate of Accreditation 007-001 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC
1941 Reymet Road
Richmond, VA 23237
(804) 358-8295

DEP Laboratory ID: 68-03503
EPA Lab Code: VA00913
TNI Code: TNI01248

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8081	B	Endosulfan sulfate	NELAP	VA	10/24/2019
EPA 8081	B	Endrin	NELAP	VA	10/24/2019
EPA 8081	B	Endrin aldehyde	NELAP	VA	10/24/2019
EPA 8081	B	Endrin ketone	NELAP	VA	10/24/2019
EPA 8081	B	Heptachlor	NELAP	VA	10/24/2019
EPA 8081	B	Heptachlor epoxide	NELAP	VA	10/24/2019
EPA 8081	B	Methoxychlor	NELAP	VA	10/24/2019
EPA 8081	B	Mirex	NELAP	VA	10/24/2019
EPA 8081	B	Toxaphene (Chlorinated camphene)	NELAP	VA	10/24/2019
EPA 8081	B	alpha-BHC (alpha-Hexachlorocyclohexane)	NELAP	VA	10/24/2019
EPA 8081	B	alpha-Chlordane	NELAP	VA	10/24/2019
EPA 8081	B	beta-BHC (beta-Hexachlorocyclohexane)	NELAP	VA	10/24/2019
EPA 8081	B	delta-BHC (delta-Hexachlorocyclohexane)	NELAP	VA	10/24/2019
EPA 8081	B	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	NELAP	VA	10/24/2019
EPA 8081	B	gamma-Chlordane	NELAP	VA	10/24/2019
EPA 8082	A	PCBs by GC/ECD	NELAP	VA	10/24/2019
EPA 8082	A	Aroclor-1016 (PCB-1016)	NELAP	VA	10/24/2019
EPA 8082	A	Aroclor-1221 (PCB-1221)	NELAP	VA	10/24/2019
EPA 8082	A	Aroclor-1232 (PCB-1232)	NELAP	VA	10/24/2019
EPA 8082	A	Aroclor-1242 (PCB-1242)	NELAP	VA	10/24/2019
EPA 8082	A	Aroclor-1248 (PCB-1248)	NELAP	VA	10/24/2019
EPA 8082	A	Aroclor-1254 (PCB-1254)	NELAP	VA	10/24/2019
EPA 8082	A	Aroclor-1260 (PCB-1260)	NELAP	VA	10/24/2019
EPA 8082	A	Aroclor-1262 (PCB-1262)	NELAP	VA	10/24/2019
EPA 8082	A	Aroclor-1268 (PCB-1268)	NELAP	VA	10/24/2019
EPA 8151	A	Chlorinated herbicides by GC/ECD	NELAP	VA	10/24/2019
EPA 8151	A	2,4,5-T	NELAP	VA	10/24/2019
EPA 8151	A	2,4,5-TP (Silvex)	NELAP	VA	10/24/2019
EPA 8151	A	2,4-D	NELAP	VA	10/24/2019
EPA 8151	A	Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)	NELAP	VA	10/24/2019
EPA 8151	A	Pentachlorophenol (PCP)	NELAP	VA	10/24/2019
EPA 8260	D	VOCs by GC/MS	NELAP	VA	10/24/2019
EPA 8260	D	1,1,1,2-Tetrachloroethane	NELAP	VA	10/24/2019
EPA 8260	D	1,1,1-Trichloroethane	NELAP	VA	10/24/2019
EPA 8260	D	1,1,2,2-Tetrachloroethane	NELAP	VA	10/24/2019
EPA 8260	D	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NELAP	VA	10/24/2019
EPA 8260	D	1,1,2-Trichloroethane	NELAP	VA	10/24/2019
EPA 8260	D	1,1-Dichloroethane	NELAP	VA	10/24/2019
EPA 8260	D	1,1-Dichloroethene (1,1-Dichloroethylene)	NELAP	VA	10/24/2019
EPA 8260	D	1,1-Dichloropropene	NELAP	VA	10/24/2019
EPA 8260	D	1,2,3-Trichlorobenzene	NELAP	VA	10/24/2019

Annamarie Beach

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

Attached to Certificate of Accreditation 007-001 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC
1941 Reymet Road
Richmond, VA 23237
(804) 358-8295

DEP Laboratory ID: 68-03503
EPA Lab Code: VA00913
TNI Code: TNI01248

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8260	D	1,2,3-Trichloropropane (1,2,3-TCP)	NELAP	VA	10/24/2019
EPA 8260	D	1,2,4-Trichlorobenzene	NELAP	VA	10/24/2019
EPA 8260	D	1,2,4-Trimethylbenzene	NELAP	VA	10/24/2019
EPA 8260	D	1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	NELAP	VA	10/24/2019
EPA 8260	D	1,2-Dibromoethane (EDB, Ethylene dibromide)	NELAP	VA	10/24/2019
EPA 8260	D	1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	VA	10/24/2019
EPA 8260	D	1,2-Dichloroethane	NELAP	VA	10/24/2019
EPA 8260	D	1,2-Dichloropropane	NELAP	VA	10/24/2019
EPA 8260	D	1,3,5-Trichlorobenzene	NELAP	VA	10/24/2019
EPA 8260	D	1,3,5-Trimethylbenzene	NELAP	VA	10/24/2019
EPA 8260	D	1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	VA	10/24/2019
EPA 8260	D	1,3-Dichloropropane	NELAP	VA	10/24/2019
EPA 8260	D	1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	VA	10/24/2019
EPA 8260	D	1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	VA	10/24/2019
EPA 8260	D	2,2-Dichloropropane	NELAP	VA	10/24/2019
EPA 8260	D	2-Butanone (Methyl ethyl ketone, MEK)	NELAP	VA	10/24/2019
EPA 8260	D	2-Chlorotoluene	NELAP	VA	10/24/2019
EPA 8260	D	2-Hexanone	NELAP	VA	10/24/2019
EPA 8260	D	4-Chlorotoluene	NELAP	VA	10/24/2019
EPA 8260	D	4-Methyl-2-pentanone (MIBK)	NELAP	VA	10/24/2019
EPA 8260	D	Acetone	NELAP	VA	10/24/2019
EPA 8260	D	Acetonitrile	NELAP	VA	10/24/2019
EPA 8260	D	Acrolein (Propenal)	NELAP	VA	10/24/2019
EPA 8260	D	Acrylonitrile	NELAP	VA	10/24/2019
EPA 8260	D	Allyl chloride (3-Chloropropene)	NELAP	VA	10/24/2019
EPA 8260	D	Benzene	NELAP	VA	10/24/2019
EPA 8260	D	Bromobenzene	NELAP	VA	10/24/2019
EPA 8260	D	Bromochloromethane	NELAP	VA	10/24/2019
EPA 8260	D	Bromodichloromethane	NELAP	VA	10/24/2019
EPA 8260	D	Bromoform	NELAP	VA	10/24/2019
EPA 8260	D	Carbon disulfide	NELAP	VA	10/24/2019
EPA 8260	D	Carbon tetrachloride	NELAP	VA	10/24/2019
EPA 8260	D	Chlorobenzene	NELAP	VA	10/24/2019
EPA 8260	D	Chloroethane	NELAP	VA	10/24/2019
EPA 8260	D	Chloroform	NELAP	VA	10/24/2019
EPA 8260	D	Chloroprene (2-Chloro-1,3-butadiene)	NELAP	VA	10/24/2019
EPA 8260	D	Cyclohexane	NELAP	VA	10/24/2019
EPA 8260	D	Cyclohexanone	NELAP	VA	10/24/2019
EPA 8260	D	Dibromochloromethane	NELAP	VA	10/24/2019
EPA 8260	D	Dibromofluoromethane	NELAP	VA	10/24/2019
EPA 8260	D	Dibromomethane	NELAP	VA	10/24/2019

Annamarie Beach

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

Attached to Certificate of Accreditation 007-001 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC
1941 Reymet Road
Richmond, VA 23237
(804) 358-8295

DEP Laboratory ID: 68-03503
EPA Lab Code: VA00913
TNI Code: TNI01248

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8260	D	Dichlorodifluoromethane (Freon 12)	NELAP	VA	10/24/2019
EPA 8260	D	Diisopropyl ether (DIPE)	NELAP	VA	10/24/2019
EPA 8260	D	Ethanol	NELAP	VA	10/24/2019
EPA 8260	D	Ethyl methacrylate	NELAP	VA	10/24/2019
EPA 8260	D	Ethyl tert-butyl ether (ETBE)	NELAP	VA	10/24/2019
EPA 8260	D	Ethylbenzene	NELAP	VA	10/24/2019
EPA 8260	D	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	VA	10/24/2019
EPA 8260	D	Iodomethane (Methyl iodide)	NELAP	VA	10/24/2019
EPA 8260	D	Isobutyl alcohol (2-Methyl-1-propanol)	NELAP	VA	10/24/2019
EPA 8260	D	Isopropyl acetate	NELAP	VA	10/24/2019
EPA 8260	D	Isopropylbenzene (Cumene)	NELAP	VA	10/24/2019
EPA 8260	D	Methacrylonitrile	NELAP	VA	10/24/2019
EPA 8260	D	Methyl bromide (Bromomethane)	NELAP	VA	10/24/2019
EPA 8260	D	Methyl chloride (Chloromethane)	NELAP	VA	10/24/2019
EPA 8260	D	Methyl tert-butyl ether (MTBE)	NELAP	VA	10/24/2019
EPA 8260	D	Methylcyclohexane	NELAP	VA	10/24/2019
EPA 8260	D	Methylene chloride (Dichloromethane)	NELAP	VA	10/24/2019
EPA 8260	D	Methylmethacrylate	NELAP	VA	10/24/2019
EPA 8260	D	Naphthalene	NELAP	VA	10/24/2019
EPA 8260	D	Pentachloroethane	NELAP	VA	10/24/2019
EPA 8260	D	Pentafluorobenzene	NELAP	VA	10/24/2019
EPA 8260	D	Propionitrile (Ethyl cyanide)	NELAP	VA	10/24/2019
EPA 8260	D	Styrene	NELAP	VA	10/24/2019
EPA 8260	D	Tetrachloroethene (PCE, Perchloroethylene)	NELAP	VA	10/24/2019
EPA 8260	D	Toluene	NELAP	VA	10/24/2019
EPA 8260	D	Trichloroethene (TCE, Trichloroethylene)	NELAP	VA	10/24/2019
EPA 8260	D	Trichlorofluoromethane (Freon 11)	NELAP	VA	10/24/2019
EPA 8260	D	Vinyl acetate	NELAP	VA	10/24/2019
EPA 8260	D	Vinyl chloride (Chloroethene)	NELAP	VA	10/24/2019
EPA 8260	D	Xylenes, total	NELAP	VA	10/24/2019
EPA 8260	D	cis-1,2-Dichloroethene	NELAP	VA	10/24/2019
EPA 8260	D	cis-1,3-Dichloropropene	NELAP	VA	10/24/2019
EPA 8260	D	m+p-Xylene	NELAP	VA	10/24/2019
EPA 8260	D	n-Butylbenzene	NELAP	VA	10/24/2019
EPA 8260	D	n-Hexane	NELAP	VA	10/24/2019
EPA 8260	D	n-Propylbenzene	NELAP	VA	10/24/2019
EPA 8260	D	o-Xylene	NELAP	VA	10/24/2019
EPA 8260	D	p-Isopropyltoluene (4-Isopropyltoluene)	NELAP	VA	10/24/2019
EPA 8260	D	sec-Butylbenzene	NELAP	VA	10/24/2019
EPA 8260	D	tert-Amyl alcohol (2-Methyl-2-butanol)	NELAP	VA	10/24/2019
EPA 8260	D	tert-Amyl ethyl ether (TAEE)	NELAP	VA	10/24/2019
EPA 8260	D	tert-Amyl methyl ether (TAME)	NELAP	VA	10/24/2019

Annmarie Beach

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

Attached to Certificate of Accreditation 007-001 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC
1941 Reymet Road
Richmond, VA 23237
(804) 358-8295

DEP Laboratory ID: 68-03503
EPA Lab Code: VA00913
TNI Code: TNI01248

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8260	D	tert-Butyl alcohol (2-Methyl-2-propanol)	NELAP	VA	10/24/2019
EPA 8260	D	tert-Butylbenzene	NELAP	VA	10/24/2019
EPA 8260	D	trans-1,2-Dichloroethene	NELAP	VA	10/24/2019
EPA 8260	D	trans-1,3-Dichloropropene	NELAP	VA	10/24/2019
EPA 8260	D	trans-1,4-Dichloro-2-butene	NELAP	VA	10/24/2019
EPA 8270	E	SOCs by GC/MS	NELAP	VA	10/24/2019
EPA 8270	E	1,2,4,5-Tetrachlorobenzene	NELAP	VA	10/24/2019
EPA 8270	E	1,2,4-Trichlorobenzene	NELAP	VA	10/24/2019
EPA 8270	E	1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	VA	10/24/2019
EPA 8270	E	1,2-Dinitrobenzene (1,2-DNB)	NELAP	VA	10/24/2019
EPA 8270	E	1,3,5-Trinitrobenzene (1,3,5-TNB)	NELAP	VA	10/24/2019
EPA 8270	E	1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	VA	10/24/2019
EPA 8270	E	1,3-Dinitrobenzene (1,3-DNB)	NELAP	VA	10/24/2019
EPA 8270	E	1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	VA	10/24/2019
EPA 8270	E	1,4-Dinitrobenzene (1,4-DNB)	NELAP	VA	10/24/2019
EPA 8270	E	1,4-Naphthoquinone	NELAP	VA	10/24/2019
EPA 8270	E	1,4-Phenylenediamine	NELAP	VA	10/24/2019
EPA 8270	E	1-Chloronaphthalene	NELAP	VA	10/24/2019
EPA 8270	E	1-Methylnaphthalene	NELAP	VA	10/24/2019
EPA 8270	E	1-Naphthylamine (alpha-Naphthylamine)	NELAP	VA	10/24/2019
EPA 8270	E	2,2'-Oxybis(1-chloropropane) (bis(2-Chloro-1-methylethyl) ether)	NELAP	VA	10/24/2019
EPA 8270	E	2,3,4,6-Tetrachlorophenol	NELAP	VA	10/24/2019
EPA 8270	E	2,4,5-Trichlorophenol	NELAP	VA	10/24/2019
EPA 8270	E	2,4,5-Trimethylaniline	NELAP	VA	10/24/2019
EPA 8270	E	2,4,6-Trichlorophenol	NELAP	VA	10/24/2019
EPA 8270	E	2,4-Dichlorophenol	NELAP	VA	10/24/2019
EPA 8270	E	2,4-Dimethylphenol	NELAP	VA	10/24/2019
EPA 8270	E	2,4-Dinitrophenol	NELAP	VA	10/24/2019
EPA 8270	E	2,4-Dinitrotoluene (2,4-DNT)	NELAP	VA	10/24/2019
EPA 8270	E	2,6-Dichlorophenol	NELAP	VA	10/24/2019
EPA 8270	E	2,6-Dinitrotoluene (2,6-DNT)	NELAP	VA	10/24/2019
EPA 8270	E	2-Acetylaminofluorene	NELAP	VA	10/24/2019
EPA 8270	E	2-Chloronaphthalene	NELAP	VA	10/24/2019
EPA 8270	E	2-Chlorophenol	NELAP	VA	10/24/2019
EPA 8270	E	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	NELAP	VA	10/24/2019
EPA 8270	E	2-Methylnaphthalene	NELAP	VA	10/24/2019
EPA 8270	E	2-Methylphenol (o-Cresol)	NELAP	VA	10/24/2019
EPA 8270	E	2-Naphthylamine (beta-Naphthylamine)	NELAP	VA	10/24/2019
EPA 8270	E	2-Nitroaniline	NELAP	VA	10/24/2019
EPA 8270	E	2-Nitrophenol	NELAP	VA	10/24/2019

Annmarie Beach

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

Attached to Certificate of Accreditation 007-001 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC
1941 Reymet Road
Richmond, VA 23237
(804) 358-8295

DEP Laboratory ID: 68-03503
EPA Lab Code: VA00913
TNI Code: TNI01248

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	E	2-Picoline (2-Methylpyridine)	NELAP	VA	10/24/2019
EPA 8270	E	3+4-Methylphenol (m+p-Cresol)	NELAP	VA	10/24/2019
EPA 8270	E	3,3'-Dichlorobenzidine	NELAP	VA	10/24/2019
EPA 8270	E	3,3'-Dimethylbenzidine	NELAP	VA	10/24/2019
EPA 8270	E	3-Methylcholanthrene	NELAP	VA	10/24/2019
EPA 8270	E	3-Nitroaniline	NELAP	VA	10/24/2019
EPA 8270	E	4,4'-Methylenebis(2-chloroaniline)	NELAP	VA	10/24/2019
EPA 8270	E	4-Aminobiphenyl	NELAP	VA	10/24/2019
EPA 8270	E	4-Bromophenyl phenyl ether	NELAP	VA	10/24/2019
EPA 8270	E	4-Chloro-3-methylphenol	NELAP	VA	10/24/2019
EPA 8270	E	4-Chloroaniline	NELAP	VA	10/24/2019
EPA 8270	E	4-Chlorophenyl phenyl ether	NELAP	VA	10/24/2019
EPA 8270	E	4-Dimethylaminoazobenzene (Dimethylaminoazobenzene)	NELAP	VA	10/24/2019
EPA 8270	E	4-Nitroaniline	NELAP	VA	10/24/2019
EPA 8270	E	4-Nitrophenol	NELAP	VA	10/24/2019
EPA 8270	E	4-Nitroquinoline-1-oxide	NELAP	VA	10/24/2019
EPA 8270	E	5-Nitro-o-toluidine	NELAP	VA	10/24/2019
EPA 8270	E	7,12-Dimethylbenz(a)anthracene	NELAP	VA	10/24/2019
EPA 8270	E	Acenaphthene	NELAP	VA	10/24/2019
EPA 8270	E	Acenaphthylene	NELAP	VA	10/24/2019
EPA 8270	E	Acetophenone	NELAP	VA	10/24/2019
EPA 8270	E	Aminoazobenzene	NELAP	VA	10/24/2019
EPA 8270	E	Aniline	NELAP	VA	10/24/2019
EPA 8270	E	Anthracene	NELAP	VA	10/24/2019
EPA 8270	E	Aramite	NELAP	VA	10/24/2019
EPA 8270	E	Azinphos-methyl (Guthion)	NELAP	VA	10/24/2019
EPA 8270	E	Azobenzene	NELAP	VA	10/24/2019
EPA 8270	E	Benzidine	NELAP	VA	10/24/2019
EPA 8270	E	Benzo[a]anthracene	NELAP	VA	10/24/2019
EPA 8270	E	Benzo[a]pyrene	NELAP	VA	10/24/2019
EPA 8270	E	Benzo[b]fluoranthene	NELAP	VA	10/24/2019
EPA 8270	E	Benzo[ghi]perylene	NELAP	VA	10/24/2019
EPA 8270	E	Benzo[k]fluoranthene	NELAP	VA	10/24/2019
EPA 8270	E	Benzoic acid	NELAP	VA	10/24/2019
EPA 8270	E	Benzyl alcohol	NELAP	VA	10/24/2019
EPA 8270	E	Butyl benzyl phthalate (Benzyl butyl phthalate)	NELAP	VA	10/24/2019
EPA 8270	E	Carbazole	NELAP	VA	10/24/2019
EPA 8270	E	Carbofuran (Furaden)	NELAP	VA	10/24/2019
EPA 8270	E	Chlorobenzilate	NELAP	VA	10/24/2019
EPA 8270	E	Chrysene (Benzo[a]phenanthrene)	NELAP	VA	10/24/2019
EPA 8270	E	Di-n-butyl phthalate	NELAP	VA	10/24/2019

Annmarie Beach

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

Attached to Certificate of Accreditation 007-001 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC
1941 Reymet Road
Richmond, VA 23237
(804) 358-8295

DEP Laboratory ID: 68-03503
EPA Lab Code: VA00913
TNI Code: TNI01248

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	E	Di-n-octyl phthalate	NELAP	VA	10/24/2019
EPA 8270	E	Diallate (cis or trans)	NELAP	VA	10/24/2019
EPA 8270	E	Dibenz[a,i]acridine	NELAP	VA	10/24/2019
EPA 8270	E	Dibenzo[a,h]anthracene	NELAP	VA	10/24/2019
EPA 8270	E	Dibenzofuran	NELAP	VA	10/24/2019
EPA 8270	E	Diethyl phthalate	NELAP	VA	10/24/2019
EPA 8270	E	Dimethoate	NELAP	VA	10/24/2019
EPA 8270	E	Dimethyl phthalate	NELAP	VA	10/24/2019
EPA 8270	E	Diphenylamine	NELAP	VA	10/24/2019
EPA 8270	E	Disulfoton	NELAP	VA	10/24/2019
EPA 8270	E	Ethyl methanesulfonate	NELAP	VA	10/24/2019
EPA 8270	E	Famphur	NELAP	VA	10/24/2019
EPA 8270	E	Fluoranthene	NELAP	VA	10/24/2019
EPA 8270	E	Fluorene	NELAP	VA	10/24/2019
EPA 8270	E	Hexachlorobenzene	NELAP	VA	10/24/2019
EPA 8270	E	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	VA	10/24/2019
EPA 8270	E	Hexachlorocyclopentadiene	NELAP	VA	10/24/2019
EPA 8270	E	Hexachloroethane	NELAP	VA	10/24/2019
EPA 8270	E	Hexachlorophene	NELAP	VA	10/24/2019
EPA 8270	E	Hexachloropropene	NELAP	VA	10/24/2019
EPA 8270	E	Indeno(1,2,3-cd)pyrene	NELAP	VA	10/24/2019
EPA 8270	E	Isodrin	NELAP	VA	10/24/2019
EPA 8270	E	Isophorone	NELAP	VA	10/24/2019
EPA 8270	E	Isosafrole	NELAP	VA	10/24/2019
EPA 8270	E	Kepone	NELAP	VA	10/24/2019
EPA 8270	E	Malathion	NELAP	VA	10/24/2019
EPA 8270	E	Methapyrilene	NELAP	VA	10/24/2019
EPA 8270	E	Methyl methanesulfonate	NELAP	VA	10/24/2019
EPA 8270	E	Methyl parathion (Parathion, methyl)	NELAP	VA	10/24/2019
EPA 8270	E	N-Nitrosodi-n-butylamine	NELAP	VA	10/24/2019
EPA 8270	E	N-Nitrosodi-n-propylamine	NELAP	VA	10/24/2019
EPA 8270	E	N-Nitrosodiethylamine	NELAP	VA	10/24/2019
EPA 8270	E	N-Nitrosodimethylamine	NELAP	VA	10/24/2019
EPA 8270	E	N-Nitrosodiphenylamine	NELAP	VA	10/24/2019
EPA 8270	E	N-Nitrosomethylethylamine	NELAP	VA	10/24/2019
EPA 8270	E	N-Nitrosomorpholine	NELAP	VA	10/24/2019
EPA 8270	E	N-Nitrosopiperidine	NELAP	VA	10/24/2019
EPA 8270	E	N-Nitrosopyrrolidine	NELAP	VA	10/24/2019
EPA 8270	E	Naphthalene	NELAP	VA	10/24/2019
EPA 8270	E	Nicotine	NELAP	VA	10/24/2019
EPA 8270	E	Nitrobenzene	NELAP	VA	10/24/2019
EPA 8270	E	O,O,O-Triethyl phosphorothioate	NELAP	VA	10/24/2019

Annamarie Beach

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

Attached to Certificate of Accreditation 007-001 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC
1941 Reymet Road
Richmond, VA 23237
(804) 358-8295

DEP Laboratory ID: 68-03503
EPA Lab Code: VA00913
TNI Code: TNI01248

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	E	Parathion, ethyl (Ethyl parathion, Parathion)	NELAP	VA	10/24/2019
EPA 8270	E	Pentachlorobenzene	NELAP	VA	10/24/2019
EPA 8270	E	Pentachlorophenol (PCP)	NELAP	VA	10/24/2019
EPA 8270	E	Phenacetin	NELAP	VA	10/24/2019
EPA 8270	E	Phenanthrene	NELAP	VA	10/24/2019
EPA 8270	E	Phenol	NELAP	VA	10/24/2019
EPA 8270	E	Phorate (Thimet)	NELAP	VA	10/24/2019
EPA 8270	E	Pronamide (Kerb)	NELAP	VA	10/24/2019
EPA 8270	E	Pyrene	NELAP	VA	10/24/2019
EPA 8270	E	Pyridine	NELAP	VA	10/24/2019
EPA 8270	E	Safrole	NELAP	VA	10/24/2019
EPA 8270	E	Thionazine (Thionazin, Zinophos)	NELAP	VA	10/24/2019
EPA 8270	E	bis(2-Chloroethoxy)methane	NELAP	VA	10/24/2019
EPA 8270	E	bis(2-Chloroethyl) ether	NELAP	VA	10/24/2019
EPA 8270	E	bis(2-Ethylhexyl) phthalate (DEHP)	NELAP	VA	10/24/2019
EPA 8270	E	o-Toluidine (2-Toluidine, 2-Methylaniline)	NELAP	VA	10/24/2019
EPA 9012	B	Total cyanide	NELAP	VA	10/24/2019
EPA 9020	B	Total organic halides (TOX)	NELAP	VA	10/24/2019
EPA 9023		Extractable organic halides (EOX)	NELAP	VA	10/24/2019
EPA 9045	C	pH	NELAP	VA	10/24/2019
EPA 9056	A	Bromide	NELAP	VA	10/24/2019
EPA 9056	A	Chloride	NELAP	VA	10/24/2019
EPA 9056	A	Fluoride	NELAP	VA	10/24/2019
EPA 9056	A	Nitrate as N	NELAP	VA	10/24/2019
EPA 9056	A	Nitrite as N	NELAP	VA	10/24/2019
EPA 9056	A	Orthophosphate as P	NELAP	VA	10/24/2019
EPA 9056	A	Sulfate	NELAP	VA	10/24/2019
EPA 9060	A	Total organic carbon (TOC)	NELAP	VA	10/24/2019
EPA 9065		Total phenolics	NELAP	VA	10/24/2019
EPA 9095	B	Paint filter liquids test	NELAP	VA	10/24/2019
SM 2320 B		Alkalinity as CaCO ₃	NELAP	VA	10/24/2019
SM 2540 G		Residue, total	NELAP	VA	10/24/2019
SM 2540 G		Residue, volatile	NELAP	VA	10/24/2019
SM 4500-NO ₃ - F		Total nitrate-nitrite	NELAP	VA	10/24/2019
SM 4500-P E		Phosphorus, total	NELAP	VA	10/24/2019

Annmarie Beach

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