



Commonwealth of Virginia
 Department of General Services
 Division of Consolidated Laboratory Services



Certified Laboratories
Virginia Safe Drinking Water and
Virginia Reciprocal Safe Drinking Water Programs
Effective: 03/22/2019

Appomattox River Water Authority Petersburg, VA Certificate No.: 10146	Phone: DCLS Lab ID: 00005 Certificate Expiration Date: 06/30/2019
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Method	Analyte	Method	Analyte
SM 2130 B-2011	TURBIDITY	SM 4500-F ⁻ C-2011	FLUORIDE
SM 4500-H+ B-2011	PH	SM 9223 COLILERT MPN	ESCHERICHIA COLI
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS
SM 9223 COLISURE®	ESCHERICHIA COLI	SM 9223 COLISURE®	TOTAL COLIFORMS

Water Testing Labs of Virginia Burke, VA Certificate No.: 9802	Phone: (703) 250-7711 DCLS Lab ID: 00007 Certificate Expiration Date: 06/30/2019
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Method	Analyte	Method	Analyte
SM 9223 COLISURE®	ESCHERICHIA COLI	SM 9223 COLISURE®	TOTAL COLIFORMS

American Water Testing Company South Boston, VA Certificate No.: 9803	Phone: DCLS Lab ID: 00009 Certificate Expiration Date: 06/30/2019
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Method	Analyte	Method	Analyte
MODIFIED COLITAG®	ESCHERICHIA COLI	MODIFIED COLITAG®	TOTAL COLIFORMS

Maryland Spectral Services, Inc. Baltimore, MD Certificate No.: 9792	Phone: (410) 247-7600 DCLS Lab ID: 00011 Certificate Expiration Date: 06/30/2019
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Method	Analyte	Method	Analyte
EPA 504.1 REV 1.1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	EPA 504.1 REV 1.1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)
EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE	EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE
EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)	EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)
EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE	EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)
EPA 524.2 REV 4.1	BENZENE	EPA 524.2 REV 4.1	BROMODICHLOROMETHANE
EPA 524.2 REV 4.1	BROMOFORM	EPA 524.2 REV 4.1	CARBON TETRACHLORIDE
EPA 524.2 REV 4.1	CHLOROBENZENE	EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE
EPA 524.2 REV 4.1	CHLOROFORM	EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE
EPA 524.2 REV 4.1	ETHYLBENZENE		

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Virginia Safe Drinking Water and
Virginia Reciprocal Safe Drinking Water Programs**

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EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)	EPA 524.2 REV 4.1	STYRENE
EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)	EPA 524.2 REV 4.1	TOLUENE
EPA 524.2 REV 4.1	TOTAL TRIHALOMETHANES (TTHMS)	EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE
EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)	EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)
EPA 524.2 REV 4.1	XYLENE (TOTAL)		

Novachem Laboratories, Inc
Oxford, OH

Phone: (513) 523-3605
DCLS Lab ID: 00014

Certificate No.: 9856

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
EPA 300.1	BROMATE	EPA 300.1	BROMIDE
EPA 300.1	CHLORITE		

Aqua-Air Lab Inc.
Charlottesville, VA

Phone: (434) 295-1716
DCLS Lab ID: 00015

Certificate No.: 9867

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
MODIFIED COLITAG®	ESCHERICHIA COLI	MODIFIED COLITAG®	TOTAL COLIFORMS
SM 3111 B-2011	COPPER	SM 3113 B-2010	LEAD
SM 4500-NO ₃ ⁻ E-2011	NITRATE/NITRITE	SM 9223 COLILERT-18 P/A	ESCHERICHIA COLI
SM 9223 COLILERT-18 P/A	TOTAL COLIFORMS		

B & B Consultants, Inc.
Chase City, VA

Phone: (434) 372-3393
DCLS Lab ID: 00020

Certificate No.: 9804

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLISURE®	ESCHERICHIA COLI	SM 9223 COLISURE®	TOTAL COLIFORMS

Aerobiology Laboratory Assoc
Dulles, VA

Phone: (877) 648-9150
DCLS Lab ID: 00023

Certificate No.: 9663

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLISURE®	ESCHERICHIA COLI	SM 9223 COLISURE®	TOTAL COLIFORMS

Big Stone Gap Water Plant
Big Stone Gap, VA

Phone: (276) 524-1053
DCLS Lab ID: 00025

Certificate No.: 9805

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

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Water Tech Labs Inc.

Granite Falls, NC

Certificate No.: 10219

Certificate Expiration Date: 06/30/2019

Phone: (828) 396-4444

DCLS Lab ID: 00027

Method	Analyte	Method	Analyte
SIMPLATE	HETEROTROPHIC PLATE COUNT	SM 4500-NO ₂ ⁻ B-2011	NITRITE AS N
SM 4500-NO ₃ ⁻ E-2011	NITRATE AS N	SM 9223 COLILERT MPN	ESCHERICHIA COLI
SM 9223 COLISURE®	ESCHERICHIA COLI	SM 9223 COLISURE®	TOTAL COLIFORMS

NRV Regional Water Authority

Radford, VA

Certificate No.: 9806

Certificate Expiration Date: 06/30/2019

Phone: (540) 639-2575

DCLS Lab ID: 00035

Method	Analyte	Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

Bristol Virginia Utilities Authority

Abingdon, VA

Certificate No.: 9807

Certificate Expiration Date: 06/30/2019

Phone: (276) 628-7598

DCLS Lab ID: 00040

Method	Analyte	Method	Analyte
SIMPLATE	HETEROTROPHIC PLATE COUNT	SM 9223 COLISURE®	ESCHERICHIA COLI
SM 9223 COLISURE®	TOTAL COLIFORMS		

Biotech Laboratory

Chesterfield, VA

Certificate No.: 9808

Certificate Expiration Date: 06/30/2019

Phone: (804) 520-4807

DCLS Lab ID: 00041

Method	Analyte	Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

Southwest Soils and Water Testing

Hillsville, VA

Certificate No.: 9880

Certificate Expiration Date: 06/30/2019

Phone: (276) 733-5682

DCLS Lab ID: 00043

Method	Analyte	Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

Otter River Filter Plant

Evington, VA

Certificate No.: 9809

Certificate Expiration Date: 06/30/2019

Phone: (434) 821-8611

DCLS Lab ID: 00051

Method	Analyte	Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

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City of Chesapeake Public Utilities
 Chesapeake, VA

Phone: (757) 382-3557
 DCLS Lab ID: 00055

Certificate No.: 10088

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
EPA 150.1	PH	EPA 200.7 REV 4.4	COPPER
EPA 300.0 REV 2.1	CHLORIDE	EPA 300.0 REV 2.1	FLUORIDE
EPA 300.0 REV 2.1	SULFATE	EPA 524.2 REV 4.1	BROMODICHLOROMETHANE
EPA 524.2 REV 4.1	BROMOFORM	EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE
EPA 524.2 REV 4.1	CHLOROFORM	EPA 524.2 REV 4.1	TOTAL TRIHALOMETHANES (TTHMS)
EPA 552.2 REV 1	BROMOACETIC ACID	EPA 552.2 REV 1	CHLOROACETIC ACID
EPA 552.2 REV 1	DIBROMOACETIC ACID	EPA 552.2 REV 1	DICHLOROACETIC ACID
EPA 552.2 REV 1	HALOACETIC ACIDS - FIVE (HAA5)	EPA 552.2 REV 1	TRICHLOROACETIC ACID (TCAA)
SM 2130 B-2011	TURBIDITY	SM 4500-F ⁻ C-2011	FLUORIDE
SM 5310 C-2011	TOTAL ORGANIC CARBON (TOC)	SM 9215 B-2004	HETEROTROPHIC PLATE COUNT
SM 9222 B-1997	TOTAL COLIFORMS	SM 9222 G (P/A) -1997	ESCHERICHIA COLI

Addison-Evans Water Production & Laboratory Facility
 Midlothian, VA

Phone: (804) 318-8125
 DCLS Lab ID: 00060

Certificate No.: 9925

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
EPA 300.0 REV 2.1	CHLORIDE	EPA 300.0 REV 2.1	FLUORIDE
EPA 300.0 REV 2.1	NITRATE AS N	EPA 300.0 REV 2.1	NITRITE AS N
EPA 365.1 REV 2 (AS HACH 8048)	ORTHOPHOSPHATE AS P	SM 2130 B-2011	TURBIDITY
SM 2320 B-2011	ALKALINITY AS CaCO ₃	SM 2510 B-2011	CONDUCTIVITY
SM 3111 B-2011	ZINC	SM 3113 B-2010	COPPER
SM 3113 B-2010	LEAD	SM 4500-F ⁻ C-2011	FLUORIDE
SM 4500-H+ B-2011	PH	SM 5310 C-2011	TOTAL ORGANIC CARBON (TOC)
SM 9215 B-2004	HETEROTROPHIC PLATE COUNT	SM 9223 COLILERT MPN	ESCHERICHIA COLI
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS
SM 9223 COLISURE®	ESCHERICHIA COLI	SM 9223 COLISURE®	TOTAL COLIFORMS

Cisco Labs of Martinsville Va
 Martinsville, VA

Phone: (276) 638-2472
 DCLS Lab ID: 00063

Certificate No.: 9868

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

Town of Culpeper Water Treatment Plant
 Culpeper, VA

Phone: (540) 825-8671
 DCLS Lab ID: 00074

Certificate No.: 10020

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLILERT-18 P/A	ESCHERICHIA COLI	SM 9223 COLILERT-18 P/A	TOTAL COLIFORMS

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SM 9223 COLISURE®

ESCHERICHIA COLI

SM 9223 COLISURE®

TOTAL COLIFORMS

City of Danville Division of Water and Wastewater Treatment
Danville, VA

Phone: (434) 799-6473
DCLS Lab ID: 00075

Certificate No.: 9811

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
MODIFIED COLITAG®	ESCHERICHIA COLI	MODIFIED COLITAG®	TOTAL COLIFORMS
SM 9215 B-2004	HETEROTROPHIC PLATE COUNT		

Loudoun Water Laboratory
Ashburn, VA

Phone: (571) 291-7844
DCLS Lab ID: 00077

Certificate No.: 9833

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
EPA 353.2 REV 2 (AS LACHAT 10-107-04-1-A)	NITRATE/NITRITE	SM 9223 COLILERT	ESCHERICHIA COLI
SM 9223 COLILERT	TOTAL COLIFORMS	MPN	
MPN		SM 9223 COLILERT P/A	ESCHERICHIA COLI
SM 9223 COLILERT P/A	TOTAL COLIFORMS		

Clear Water Testing
Christiansburg, VA

Phone: (540) 381-0768
DCLS Lab ID: 00085

Certificate No.: 9813

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLILERT-18	ESCHERICHIA COLI	SM 9223 COLILERT-18	TOTAL COLIFORMS
MPN		MPN	
SM 9223 COLILERT-18	ESCHERICHIA COLI	SM 9223 COLILERT-18	TOTAL COLIFORMS
P/A		P/A	

Water Testing Labs of Maryland, Inc. / Chesapeake Labs, Inc. - Stevensville
Stevensville, MD

Phone: (410) 643-7711
DCLS Lab ID: 00107

Certificate No.: 10001

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
EPA 200.9 REV 2.2	ANTIMONY	EPA 200.9 REV 2.2	ARSENIC
EPA 200.9 REV 2.2	BERYLLIUM	EPA 200.9 REV 2.2	CADMIUM
EPA 200.9 REV 2.2	CHROMIUM	EPA 200.9 REV 2.2	LEAD
EPA 200.9 REV 2.2	SELENIUM	EPA 200.9 REV 2.2	THALLIUM
SM 3111 B-2011	COPPER	SM 3111 D-2011	BARIUM
SM 3112 B-2011	MERCURY	SM 9215 B-2004	HETEROTROPHIC PLATE COUNT
SM 9221 D-1999	TOTAL COLIFORMS	SM 9221 F (P/A) -2006	ESCHERICHIA COLI
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

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Environmental Systems Service, LTD.- Culpeper
 Culpeper, VA

Phone: (540) 825-6660
 DCLS Lab ID: 00115

Certificate No.: 9954

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
EPA 353.2 REV 2 (AS SEAL EPA-126-D)	NITRATE/NITRITE	EPA 353.2 REV 2 (AS SEAL EPA-137-A)	NITRITE AS N
EPA 365.1 REV 2 (AS SEAL EPA-118-D)	ORTHOPHOSPHATE AS P	SM 2120 B-2011	COLOR
SM 2130 B-2011	TURBIDITY	SM 2320 B-2011	ALKALINITY AS CaCO ₃
SM 2510 B-2011	CONDUCTIVITY	SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)
SM 4500-F ⁻ C-2011	FLUORIDE	SM 4500-NO ₂ ⁻ B-2011	NITRITE AS N
SM 4500-P E-2011	ORTHOPHOSPHATE AS P	SM 9215 B-2004	HETEROTROPHIC PLATE COUNT
SM 9223 COLILERT MPN	ESCHERICHIA COLI	SM 9223 COLILERT P/A	ESCHERICHIA COLI
SM 9223 COLILERT P/A	TOTAL COLIFORMS	SM 9223 COLILERT-18 P/A	ESCHERICHIA COLI
SM 9223 COLILERT-18 P/A	TOTAL COLIFORMS		

Cornwell Engineering Group Laboratory
 Newport News, VA

Phone: (757) 873-1216
 DCLS Lab ID: 00116

Certificate No.: 9922

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
EPA 551.1 REV 1	BROMODICHLOROMETHANE	EPA 551.1 REV 1	BROMOFORM
EPA 551.1 REV 1	CHLORODIBROMOMETHANE	EPA 551.1 REV 1	CHLOROFORM
EPA 551.1 REV 1	TOTAL TRIHALOMETHANES (TTHMS)	EPA 552.2 REV 1	BROMOACETIC ACID
EPA 552.2 REV 1	CHLOROACETIC ACID	EPA 552.2 REV 1	DIBROMOACETIC ACID
EPA 552.2 REV 1	DICHLOROACETIC ACID	EPA 552.2 REV 1	HALOACETIC ACIDS - FIVE (HAA5)
EPA 552.2 REV 1	TRICHLOROACETIC ACID (TCAA)	SM 2130 B-2011	TURBIDITY
SM 2320 B-2011	ALKALINITY AS CaCO ₃	SM 5310 C-2011	TOTAL ORGANIC CARBON (TOC)
SM 5910 B-2011	UV 254		

Environmental Systems Service, LTD - Bedford
 Bedford, VA

Phone: (540) 586-5413
 DCLS Lab ID: 00119

Certificate No.: 9814

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

Fairfax County Health Department Joanne Jorgenson Laboratory
 Fairfax, VA

Phone:
 DCLS Lab ID: 00120

Certificate No.: 9662

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 2320 B-2011	ALKALINITY AS CaCO ₃	SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)
SM 3111 B-2011	COPPER	SM 3111 B-2011	IRON
SM 3113 B-2010	ARSENIC	SM 3113 B-2010	LEAD
SM 3500-CA B-2011	CALCIUM	SM 4500-NO ₃ ⁻ F-2011	NITRATE AS N
SM 4500-NO ₃ ⁻ F-2011	NITRITE AS N	SM 9223 COLISURE®	ESCHERICHIA COLI

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SM 9223 COLISURE®

TOTAL COLIFORMS

Environmental Options, Inc Rocky Mount, VA Certificate No.: 9824	Phone: (540) 483-3920 DCLS Lab ID: 00122 Certificate Expiration Date: 06/30/2019
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Method	Analyte	Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

Fairfax Water Herndon, VA Certificate No.: 9874	Phone: (703) 289-6566 DCLS Lab ID: 00125 Certificate Expiration Date: 06/30/2019
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Method	Analyte	Method	Analyte
40 CFR 141.131(D)(4)	SPECIFIC ULTRAVIOLET ABSORBANCE (SUVA)	EPA 180.1 REV 2	TURBIDITY
EPA 200.7 REV 4.4	CALCIUM	EPA 200.7 REV 4.4	COPPER
EPA 200.7 REV 4.4	IRON	EPA 200.7 REV 4.4	MAGNESIUM
EPA 200.7 REV 4.4	MANGANESE	EPA 200.7 REV 4.4	SODIUM
EPA 200.7 REV 4.4	ZINC	EPA 200.8 REV 5.4	ALUMINUM
EPA 200.8 REV 5.4	ANTIMONY	EPA 200.8 REV 5.4	ARSENIC
EPA 200.8 REV 5.4	BARIUM	EPA 200.8 REV 5.4	BERYLLIUM
EPA 200.8 REV 5.4	CADMIUM	EPA 200.8 REV 5.4	CHROMIUM
EPA 200.8 REV 5.4	COPPER	EPA 200.8 REV 5.4	LEAD
EPA 200.8 REV 5.4	MANGANESE	EPA 200.8 REV 5.4	MERCURY
EPA 200.8 REV 5.4	NICKEL	EPA 200.8 REV 5.4	SELENIUM
EPA 200.8 REV 5.4	SILVER	EPA 200.8 REV 5.4	THALLIUM
EPA 200.8 REV 5.4	ZINC	EPA 300.0 REV 2.1	BROMIDE
EPA 300.0 REV 2.1	CHLORIDE	EPA 300.0 REV 2.1	FLUORIDE
EPA 300.0 REV 2.1	NITRATE AS N	EPA 300.0 REV 2.1	NITRITE AS N
EPA 300.0 REV 2.1	ORTHOPHOSPHATE AS P	EPA 300.0 REV 2.1	SULFATE
EPA 300.1	BROMATE	EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE
EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE	EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)
EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)	EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE
EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)	EPA 524.2 REV 4.1	BENZENE
EPA 524.2 REV 4.1	BROMODICHLOROMETHANE	EPA 524.2 REV 4.1	BROMOFORM
EPA 524.2 REV 4.1	CARBON TETRACHLORIDE	EPA 524.2 REV 4.1	CHLOROBENZENE
EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE	EPA 524.2 REV 4.1	CHLOROFORM
EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE	EPA 524.2 REV 4.1	ETHYLBENZENE
EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)	EPA 524.2 REV 4.1	STYRENE
EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)	EPA 524.2 REV 4.1	TOLUENE
EPA 524.2 REV 4.1	TOTAL TRIHALOMETHANES (TTHMS)	EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE
EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)	EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)
EPA 524.2 REV 4.1	XYLENE (TOTAL)	EPA 552.2 REV 1	BROMOACETIC ACID
EPA 552.2 REV 1	CHLOROACETIC ACID	EPA 552.2 REV 1	DIBROMOACETIC ACID
EPA 552.2 REV 1	DICHLOROACETIC ACID	EPA 552.2 REV 1	HALOACETIC ACIDS - FIVE (HAA5)
EPA 552.2 REV 1	TRICHLOROACETIC ACID (TCAA)	SIMPLATE	HETEROTROPHIC PLATE COUNT
SM 2120 B-2011	COLOR	SM 2320 B-2011	ALKALINITY AS CaCO3

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SM 2510 B-2011	CONDUCTIVITY	SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)
SM 4500-CL G-2011	RESIDUAL FREE CHLORINE	SM 4500-CL G-2011	TOTAL RESIDUAL CHLORINE
SM 4500-F ⁻ C-2011	FLUORIDE	SM 4500-H+ B-2011	PH
SM 5310 C-2011	DISSOLVED ORGANIC CARBON (DOC)	SM 5310 C-2011	TOTAL ORGANIC CARBON (TOC)
SM 5910 B-2011	UV 254	SM 9223 COLILERT MPN	ESCHERICHIA COLI
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

Farmville Water Plant
Farmville, VA

Phone: (434) 392-8774
DCLS Lab ID: 00135

Certificate No.: 9815

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

Greenway Engineering, Inc.
Winchester, VA

Phone: (540) 662-4185
DCLS Lab ID: 00155

Certificate No.: 9875

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

HP Environmental, Inc.
Herndon, VA

Phone: (703) 471-4200
DCLS Lab ID: 00156

Certificate No.: 9816

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

Pole Green Drinking Water Laboratory
Mechanicsville, VA

Phone: (804) 365-6720
DCLS Lab ID: 00160

Certificate No.: 9955

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

Jennings-Thompson Laboratories, Inc.
Virginia Beach, VA

Phone: (757) 425-1498
DCLS Lab ID: 00180

Certificate No.: 10089

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 2130 B-2011	TURBIDITY	SM 2320 B-2011	ALKALINITY AS CaCO ₃
SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)	SM 3111 B-2011	CALCIUM
SM 3111 B-2011	COPPER	SM 3111 B-2011	IRON
SM 3111 B-2011	SODIUM	SM 3111 B-2011	ZINC
SM 3113 B-2010	CADMIUM	SM 3113 B-2010	LEAD
SM 4500-CL ⁻ B-2011	CHLORIDE	SM 4500-F ⁻ C-2011	FLUORIDE

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SM 4500-H+ B-2011	PH	SM 4500-NO ₂ ⁻ B-2011	NITRITE AS N
SM 4500-NO ₃ ⁻ D-2011	NITRATE AS N	SM 9215 B-2004	HETEROTROPHIC PLATE COUNT
SM 9222 B-1997	TOTAL COLIFORMS	SM 9222 G (P/A) -1997	ESCHERICHIA COLI

John Flannagan Water Authority Lab	Phone: (276) 835-8629
Haysi, VA	DCLS Lab ID: 00182
Certificate No.: 10009	Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9215 B-2004	HETEROTROPHIC PLATE COUNT	SM 9222 B-1997	TOTAL COLIFORMS
SM 9222 G (P/A) -1997	ESCHERICHIA COLI		

City of Lynchburg Department of Water Resources	Phone: (434) 455-4263
Lynchburg, VA	DCLS Lab ID: 00190
Certificate No.: 9818	Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9215 B-2004	HETEROTROPHIC PLATE COUNT	SM 9223 COLILERT P/A	ESCHERICHIA COLI
SM 9223 COLILERT P/A	TOTAL COLIFORMS		

City of Manassas Water Treatment Plant	Phone:
Nokesville, VA	DCLS Lab ID: 00195
Certificate No.: 9869	Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SIMPLATE	HETEROTROPHIC PLATE COUNT	SM 2320 B-2011	ALKALINITY AS CaCO ₃
SM 2510 B-2011	CONDUCTIVITY	SM 4500-F ⁻ C-2011	FLUORIDE
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

Marion Water Plant	Phone: (276) 783-5950
Marion, VA	DCLS Lab ID: 00200
Certificate No.: 9819	Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SIMPLATE	HETEROTROPHIC PLATE COUNT	SM 9223 COLILERT P/A	ESCHERICHIA COLI
SM 9223 COLILERT P/A	TOTAL COLIFORMS		

City of Martinsville Water Treatment Plant	Phone: (276) 403-5137
Martinsville, VA	DCLS Lab ID: 00205
Certificate No.: 9820	Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

Certified Laboratories
Virginia Safe Drinking Water and
Virginia Reciprocal Safe Drinking Water Programs
Effective: 03/22/2019

May Supply Company

Harrisonburg, VA

Certificate No.: 9821

Phone:

DCLS Lab ID: 00206

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLISURE®	ESCHERICHIA COLI	SM 9223 COLISURE®	TOTAL COLIFORMS

Mid-Atlantic Laboratories, Inc.

Port Royal, VA

Certificate No.: 9876

Phone: (540) 775-7775

DCLS Lab ID: 00215

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
EPA 200.9 REV 2.2	LEAD	HACH 10206	NITRATE AS N
HACH 10225	FLUORIDE	SIMPLATE	HETEROTROPHIC PLATE COUNT
SM 2130 B-2011	TURBIDITY	SM 2510 B-2011	CONDUCTIVITY
SM 3111 B-2011	COPPER	SM 3111 B-2011	SODIUM
SM 3111 B-2011	ZINC	SM 4500-NO ₂ ⁻ B-2011	NITRITE AS N
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

Newport News Waterworks Water Quality Laboratory

Yorktown, VA

Certificate No.: 10142

Phone: (757) 234-6723

DCLS Lab ID: 00220

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
EPA 200.7 REV 4.4	ALUMINUM	EPA 200.7 REV 4.4	BARIUM
EPA 200.7 REV 4.4	CADMIUM	EPA 200.7 REV 4.4	CALCIUM
EPA 200.7 REV 4.4	CHROMIUM	EPA 200.7 REV 4.4	COPPER
EPA 200.7 REV 4.4	IRON	EPA 200.7 REV 4.4	MAGNESIUM
EPA 200.7 REV 4.4	MANGANESE	EPA 200.7 REV 4.4	NICKEL
EPA 200.7 REV 4.4	SILVER	EPA 200.7 REV 4.4	SODIUM
EPA 200.7 REV 4.4	ZINC	EPA 200.8 REV 5.4	ALUMINUM
EPA 200.8 REV 5.4	ANTIMONY	EPA 200.8 REV 5.4	ARSENIC
EPA 200.8 REV 5.4	BARIUM	EPA 200.8 REV 5.4	BERYLLIUM
EPA 200.8 REV 5.4	CADMIUM	EPA 200.8 REV 5.4	CHROMIUM
EPA 200.8 REV 5.4	COPPER	EPA 200.8 REV 5.4	LEAD
EPA 200.8 REV 5.4	MANGANESE	EPA 200.8 REV 5.4	NICKEL
EPA 200.8 REV 5.4	SELENIUM	EPA 200.8 REV 5.4	SILVER
EPA 200.8 REV 5.4	THALLIUM	EPA 200.8 REV 5.4	ZINC
EPA 300.1	BROMATE	EPA 300.1	BROMIDE
EPA 300.1	CHLORIDE	EPA 300.1	FLUORIDE
EPA 300.1	SULFATE	EPA 353.2 REV 2	NITRATE AS N
EPA 353.2 REV 2	NITRITE AS N	EPA 365.1 REV 2	ORTHOPHOSPHATE AS P
EPA 524.3 REV 1.0	BROMODICHLOROMETHANE	EPA 524.3 REV 1.0	BROMOFORM
EPA 524.3 REV 1.0	CHLORODIBROMOMETHANE	EPA 524.3 REV 1.0	CHLOROFORM
EPA 524.3 REV 1.0	TOTAL TRIHALOMETHANES (TTHMS)	SM 2320 B-2011	ALKALINITY AS CaCO ₃
SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)	SM 4500-F ⁻ C-2011	FLUORIDE
SM 5310 B-2011	TOTAL ORGANIC CARBON (TOC)	SM 9223 COLILERT-18 MPN	ESCHERICHIA COLI
SM 9223 COLILERT-18 P/A	ESCHERICHIA COLI	SM 9223 COLILERT-18 P/A	TOTAL COLIFORMS
SM 9223 COLISURE®	ESCHERICHIA COLI	SM 9223 COLISURE®	TOTAL COLIFORMS

Certified Laboratories
Virginia Safe Drinking Water and
Virginia Reciprocal Safe Drinking Water Programs
Effective: 03/22/2019

City of Norfolk Department of Utilities Water Quality Laboratory
 Norfolk, VA

Phone: (757) 441-5774
 DCLS Lab ID: 00225

Certificate No.: 10211

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
EPA 200.8 REV 5.4	ALUMINUM	EPA 200.8 REV 5.4	ANTIMONY
EPA 200.8 REV 5.4	ARSENIC	EPA 200.8 REV 5.4	BARIUM
EPA 200.8 REV 5.4	BERYLLIUM	EPA 200.8 REV 5.4	CADMIUM
EPA 200.8 REV 5.4	CHROMIUM	EPA 200.8 REV 5.4	COPPER
EPA 200.8 REV 5.4	IRON	EPA 200.8 REV 5.4	LEAD
EPA 200.8 REV 5.4	MANGANESE	EPA 200.8 REV 5.4	NICKEL
EPA 200.8 REV 5.4	SELENIUM	EPA 200.8 REV 5.4	SILVER
EPA 200.8 REV 5.4	SODIUM	EPA 200.8 REV 5.4	THALLIUM
EPA 200.8 REV 5.4	ZINC	EPA 300.0 REV 2.1	SULFATE
EPA 365.1 REV 2 (AS LACHAT 10-115-01-1-A)	ORTHOPHOSPHATE AS P	EPA 524.2 REV 4.1	BROMODICHLOROMETHANE
EPA 524.2 REV 4.1	BROMOFORM	EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE
EPA 524.2 REV 4.1	CHLOROFORM	EPA 524.2 REV 4.1	TOTAL TRIHALOMETHANES (TTHMS)
SM 2130 B-2011	TURBIDITY	SM 2320 B-2011	ALKALINITY AS CaCO ₃
SM 3500-CA B-2011	CALCIUM	SM 4500-CL G-2011	RESIDUAL FREE CHLORINE
SM 4500-CL G-2011	TOTAL RESIDUAL CHLORINE	SM 4500-F ⁻ C-2011	FLUORIDE
SM 4500-H+ B-2011	PH	SM 4500-NO ₃ ⁻ F-2011	NITRATE AS N
SM 4500-NO ₃ ⁻ F-2011	NITRITE AS N	SM 5310 B-2011	TOTAL ORGANIC CARBON (TOC)
SM 9215 B-2004	HETEROTROPHIC PLATE COUNT	SM 9223 COLILERT MPN	ESCHERICHIA COLI
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS
SM 9223 COLILERT-18 MPN	ESCHERICHIA COLI		

H2O Quality Laboratory a Division of the Prince William County Service Authority
 Woodbridge, VA

Phone: (703) 335-7976
 DCLS Lab ID: 00240

Certificate No.: 10155

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
EPA 200.8 REV 5.4	ALUMINUM	EPA 200.8 REV 5.4	ANTIMONY
EPA 200.8 REV 5.4	ARSENIC	EPA 200.8 REV 5.4	BARIUM
EPA 200.8 REV 5.4	BERYLLIUM	EPA 200.8 REV 5.4	CADMIUM
EPA 200.8 REV 5.4	CHROMIUM	EPA 200.8 REV 5.4	COPPER
EPA 200.8 REV 5.4	LEAD	EPA 200.8 REV 5.4	MANGANESE
EPA 200.8 REV 5.4	NICKEL	EPA 200.8 REV 5.4	SELENIUM
EPA 200.8 REV 5.4	SILVER	EPA 200.8 REV 5.4	THALLIUM
EPA 200.8 REV 5.4	ZINC	EPA 353.2 REV 2 (AS LACHAT 10-107-04-1-A)	NITRATE AS N
EPA 353.2 REV 2 (AS LACHAT 10-107-04-1-A)	NITRITE AS N	EPA 365.1 REV 2 (AS LACHAT 10-115-01-1-A)	ORTHOPHOSPHATE AS P
EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE	EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE
EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)	EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)
EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE	EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)
EPA 524.2 REV 4.1	BENZENE	EPA 524.2 REV 4.1	BROMODICHLOROMETHANE
EPA 524.2 REV 4.1	BROMOFORM	EPA 524.2 REV 4.1	CARBON TETRACHLORIDE
EPA 524.2 REV 4.1	CHLOROBENZENE	EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE

**Certified Laboratories
Virginia Safe Drinking Water and
Virginia Reciprocal Safe Drinking Water Programs**

Effective: 03/22/2019

EPA 524.2 REV 4.1	CHLOROFORM	EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE
EPA 524.2 REV 4.1	ETHYLBENZENE	EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)
EPA 524.2 REV 4.1	STYRENE	EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)
EPA 524.2 REV 4.1	TOLUENE	EPA 524.2 REV 4.1	TOTAL TRIHALOMETHANES (TTHMS)
EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE	EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)
EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)	EPA 524.2 REV 4.1	XYLENE (TOTAL)
EPA 552.3 REV 1	BROMOACETIC ACID	EPA 552.3 REV 1	CHLOROACETIC ACID
EPA 552.3 REV 1	DIBROMOACETIC ACID	EPA 552.3 REV 1	DICHLOROACETIC ACID
EPA 552.3 REV 1	HALOACETIC ACIDS - FIVE (HAA5)	EPA 552.3 REV 1	TRICHLOROACETIC ACID (TCAA)
SIMPLATE	HETEROTROPHIC PLATE COUNT	SM 2320 B-2011	ALKALINITY AS CaCO ₃
SM 2510 B-2011	CONDUCTIVITY	SM 3111 B-2011	CALCIUM
SM 3111 B-2011	COPPER	SM 3111 B-2011	SODIUM
SM 3113 B-2010	ARSENIC	SM 3113 B-2010	IRON
SM 3113 B-2010	LEAD	SM 3113 B-2010	MANGANESE
SM 3500-CA B-2011	CALCIUM	SM 9222 B-1997	TOTAL COLIFORMS
SM 9222 G (P/A) -1997	ESCHERICHIA COLI	SM 9223 COLILERT P/A	ESCHERICHIA COLI
SM 9223 COLILERT P/A	TOTAL COLIFORMS	SM 9223 COLILERT-18 P/A	ESCHERICHIA COLI
SM 9223 COLILERT-18 P/A	TOTAL COLIFORMS	SM 9223 COLISURE®	ESCHERICHIA COLI
SM 9223 COLISURE®	TOTAL COLIFORMS		

Oakwood Scientific Laboratory

Mechanicsville, VA

Certificate No.: 9835

Certificate Expiration Date: 06/30/2019

Phone: (804) 730-3263

DCLS Lab ID: 00242

Method	Analyte	Method	Analyte
SM 9215 B-2004	HETEROTROPHIC PLATE COUNT	SM 9223 COLILERT P/A	ESCHERICHIA COLI
SM 9223 COLILERT P/A	TOTAL COLIFORMS		

City of Portsmouth Dept of Public Utilities

Suffolk, VA

Certificate No.: 10004

Certificate Expiration Date: 06/30/2019

Phone: 757-539-2201 EXT. 232

DCLS Lab ID: 00255

Method	Analyte	Method	Analyte
SM 2130 B-2011	TURBIDITY	SM 2320 B-2011	ALKALINITY AS CaCO ₃
SM 2510 B-2011	CONDUCTIVITY	SM 3500-CA B-2011	CALCIUM
SM 4500-F ⁻ C-2011	FLUORIDE	SM 4500-H+ B-2011	PH
SM 5310 B-2011	TOTAL ORGANIC CARBON (TOC)	SM 9215 B-2004	HETEROTROPHIC PLATE COUNT
SM 9222 B-1997	TOTAL COLIFORMS	SM 9222 G (P/A) -1997	ESCHERICHIA COLI

Shenandoah Bacteriological Laboratory

Cross Junction, VA

Certificate No.: 9879

Certificate Expiration Date: 06/30/2019

Phone: (540) 888-4500

DCLS Lab ID: 00257

Method	Analyte	Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

Certified Laboratories
Virginia Safe Drinking Water and
Virginia Reciprocal Safe Drinking Water Programs
Effective: 03/22/2019

Pulaski County PSA Water Treatment Plant
 Draper, VA

Phone: (540) 980-7749
 DCLS Lab ID: 00260

Certificate No.: 9836

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

City of Radford Drinking Water Laboratory
 Radford, VA

Phone: (540) 731-3662
 DCLS Lab ID: 00275

Certificate No.: 9837

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

Western Virginia Water Authority Water Quality Laboratory
 Salem, VA

Phone: (540) 380-2687
 DCLS Lab ID: 00279

Certificate No.: 9924

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
EPA 180.1 REV 2	TURBIDITY	EPA 200.8 REV 5.4	ALUMINUM
EPA 200.8 REV 5.4	ANTIMONY	EPA 200.8 REV 5.4	ARSENIC
EPA 200.8 REV 5.4	BARIUM	EPA 200.8 REV 5.4	BERYLLIUM
EPA 200.8 REV 5.4	CADMIUM	EPA 200.8 REV 5.4	CHROMIUM
EPA 200.8 REV 5.4	COPPER	EPA 200.8 REV 5.4	LEAD
EPA 200.8 REV 5.4	MANGANESE	EPA 200.8 REV 5.4	NICKEL
EPA 200.8 REV 5.4	SELENIUM	EPA 200.8 REV 5.4	SILVER
EPA 200.8 REV 5.4	THALLIUM	EPA 200.8 REV 5.4	ZINC
SM 2320 B-2011	ALKALINITY AS CaCO ₃	SM 2510 B-2011	CONDUCTIVITY
SM 3500-CA B-2011	CALCIUM	SM 4500-F ⁻ C-2011	FLUORIDE
SM 4500-H+ B-2011	PH	SM 5310 C-2011	TOTAL ORGANIC CARBON (TOC)
SM 9215 B-2004	HETEROTROPHIC PLATE COUNT	SM 9223 COLILERT	ESCHERICHIA COLI
SM 9223 COLILERT P/A	ESCHERICHIA COLI	MPN	
		SM 9223 COLILERT P/A	TOTAL COLIFORMS

Pace Analytical Services, LLC - Beaver WV
 Beaver, WV

Phone: (304) 255-2500
 DCLS Lab ID: 00281

Certificate No.: 9857

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
EPA 200.7 REV 4.4	BARIUM	EPA 200.7 REV 4.4	COPPER
EPA 200.7 REV 4.4	NICKEL	EPA 200.7 REV 4.4	SODIUM
EPA 200.8 REV 5.4	ANTIMONY	EPA 200.8 REV 5.4	ARSENIC
EPA 200.8 REV 5.4	BARIUM	EPA 200.8 REV 5.4	BERYLLIUM
EPA 200.8 REV 5.4	CADMIUM	EPA 200.8 REV 5.4	CHROMIUM
EPA 200.8 REV 5.4	COPPER	EPA 200.8 REV 5.4	LEAD
EPA 200.8 REV 5.4	NICKEL	EPA 200.8 REV 5.4	SELENIUM
EPA 200.8 REV 5.4	THALLIUM	EPA 245.1 REV 3	MERCURY
EPA 300.0 REV 2.1	FLUORIDE	EPA 300.0 REV 2.1	NITRATE AS N
EPA 300.0 REV 2.1	NITRITE AS N	EPA 335.4 REV 1.0 (AS SMARTCHEM 280-400E)	TOTAL CYANIDE

Certified Laboratories
Virginia Safe Drinking Water and
Virginia Reciprocal Safe Drinking Water Programs
Effective: 03/22/2019

EPA 353.2 REV 2 (AS LACHAT 10-107-04-1-C)	NITRATE/NITRITE	EPA 502.2 REV 2.1	BROMODICHLOROMETHANE
EPA 502.2 REV 2.1	BROMOFORM	EPA 502.2 REV 2.1	CHLORODIBROMOMETHANE
EPA 502.2 REV 2.1	CHLOROFORM	EPA 502.2 REV 2.1	TOTAL TRIHALOMETHANES (TTHMS)
EPA 504.1 REV 1.1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	EPA 504.1 REV 1.1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)
EPA 508 REV 3.1	AROCLOR-1016 (PCB-1016)	EPA 508 REV 3.1	AROCLOR-1221 (PCB-1221)
EPA 508 REV 3.1	AROCLOR-1232 (PCB-1232)	EPA 508 REV 3.1	AROCLOR-1242 (PCB-1242)
EPA 508 REV 3.1	AROCLOR-1248 (PCB-1248)	EPA 508 REV 3.1	AROCLOR-1254 (PCB-1254)
EPA 508 REV 3.1	AROCLOR-1260 (PCB-1260)	EPA 515.1 REV 4	2,4-D
EPA 515.1 REV 4	DALAPON	EPA 515.1 REV 4	DINOSEB (2-SEC-BUTYL-4,6-DINITROPHENOL, DNBP)
EPA 515.1 REV 4	PENTACHLOROPHENOL	EPA 515.1 REV 4	PICLORAM
EPA 515.1 REV 4	SILVEX (2,4,5-TP)	EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE
EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE	EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)
EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)	EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE
EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)	EPA 524.2 REV 4.1	BENZENE
EPA 524.2 REV 4.1	BROMODICHLOROMETHANE	EPA 524.2 REV 4.1	BROMOFORM
EPA 524.2 REV 4.1	CARBON TETRACHLORIDE	EPA 524.2 REV 4.1	CHLOROBENZENE
EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE	EPA 524.2 REV 4.1	CHLOROFORM
EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE	EPA 524.2 REV 4.1	ETHYLBENZENE
EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)	EPA 524.2 REV 4.1	STYRENE
EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)	EPA 524.2 REV 4.1	TOLUENE
EPA 524.2 REV 4.1	TOTAL TRIHALOMETHANES (TTHMS)	EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE
EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)	EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)
EPA 524.2 REV 4.1	XYLENE (TOTAL)	EPA 525.3 REV 1	BENZO(A)PYRENE
EPA 552.2 REV 1	BROMOACETIC ACID	EPA 552.2 REV 1	CHLOROACETIC ACID
EPA 552.2 REV 1	DIBROMOACETIC ACID	EPA 552.2 REV 1	DICHLOROACETIC ACID
EPA 552.2 REV 1	HALOACETIC ACIDS - FIVE (HAA5)	EPA 552.2 REV 1	TRICHLOROACETIC ACID (TCAA)
SIMPLATE	HETEROTROPHIC PLATE COUNT	SM 9223 COLILERT MPN	ESCHERICHIA COLI
SM 9223 COLISURE®	ESCHERICHIA COLI	SM 9223 COLISURE®	TOTAL COLIFORMS

Research & Analytical Laboratories, Inc.
 Kernersville, NC

Phone: (336) 996-2841
 DCLS Lab ID: 00285

Certificate No.: 9858

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
EPA 200.7 REV 4.4	BARIUM	EPA 200.7 REV 4.4	BERYLLIUM
EPA 200.7 REV 4.4	CADMIUM	EPA 200.7 REV 4.4	CHROMIUM
EPA 200.7 REV 4.4	COPPER	EPA 200.7 REV 4.4	IRON
EPA 200.7 REV 4.4	MANGANESE	EPA 200.7 REV 4.4	NICKEL
EPA 200.7 REV 4.4	SODIUM	EPA 200.8 REV 5.4	ANTIMONY
EPA 200.8 REV 5.4	ARSENIC	EPA 200.8 REV 5.4	BARIUM
EPA 200.8 REV 5.4	BERYLLIUM	EPA 200.8 REV 5.4	CADMIUM
EPA 200.8 REV 5.4	CHROMIUM	EPA 200.8 REV 5.4	COPPER
EPA 200.8 REV 5.4	IRON	EPA 200.8 REV 5.4	LEAD
EPA 200.8 REV 5.4	MANGANESE	EPA 200.8 REV 5.4	NICKEL
EPA 200.8 REV 5.4	SELENIUM	EPA 200.8 REV 5.4	THALLIUM
EPA 245.1 REV 3	MERCURY	EPA 504.1 REV 1.1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
EPA 504.1 REV 1.1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)	EPA 508 REV 3.1	CHLORDANE, TOTAL

**Certified Laboratories
Virginia Safe Drinking Water and
Virginia Reciprocal Safe Drinking Water Programs**

Effective: 03/22/2019

EPA 508 REV 3.1	PCBS, AS AROCLORS	EPA 508 REV 3.1	TOXAPHENE (CHLORINATED CAMPHENE)
EPA 508A REV 1	TOTAL PCBS AS DECACHLOROBIPHENYL	EPA 515.1 REV 4	2,4-D
EPA 515.1 REV 4	DALAPON	EPA 515.1 REV 4	DINOSEB (2-SEC-BUTYL-4,6-DINITROPHENOL, DNBP)
EPA 515.1 REV 4	PENTACHLOROPHENOL	EPA 515.1 REV 4	PICLORAM
EPA 515.1 REV 4	SILVEX (2,4,5-TP)	EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE
EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE	EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)
EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)	EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE
EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)	EPA 524.2 REV 4.1	BENZENE
EPA 524.2 REV 4.1	BROMODICHLOROMETHANE	EPA 524.2 REV 4.1	BROMOFORM
EPA 524.2 REV 4.1	CARBON TETRACHLORIDE	EPA 524.2 REV 4.1	CHLOROBENZENE
EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE	EPA 524.2 REV 4.1	CHLOROFORM
EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE	EPA 524.2 REV 4.1	ETHYLBENZENE
EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)	EPA 524.2 REV 4.1	STYRENE
EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)	EPA 524.2 REV 4.1	TOLUENE
EPA 524.2 REV 4.1	TOTAL TRIHALOMETHANES (TTHMS)	EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE
EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)	EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)
EPA 524.2 REV 4.1	XYLENE (TOTAL)	EPA 525.2 REV 2	ALACHLOR
EPA 525.2 REV 2	ATRAZINE	EPA 525.2 REV 2	BENZO(A)PYRENE
EPA 525.2 REV 2	BIS(2-ETHYLHEXYL) PHTHALATE (DI(2-ETHYLHEXYL)PHTHALATE), (DEHP)	EPA 525.2 REV 2	BIS(2-ETHYLHEXYL)ADIPATE (DI(2-ETHYLHEXYL)ADIPATE)
EPA 525.2 REV 2	ENDRIN	EPA 525.2 REV 2	GAMMA-BHC (LINDANE, GAMMA-HEXACHLOROCYCLOHEXANE)
EPA 525.2 REV 2	HEPTACHLOR	EPA 525.2 REV 2	HEPTACHLOR EPOXIDE
EPA 525.2 REV 2	HEXACHLOROBENZENE	EPA 525.2 REV 2	HEXACHLOROCYCLOPENTADIENE
EPA 525.2 REV 2	METHOXYCHLOR	EPA 525.2 REV 2	SIMAZINE
EPA 531.1 REV 3.1	CARBOFURAN (FURADEN)	EPA 531.1 REV 3.1	OXAMYL
EPA 552.2 REV 1	BROMOACETIC ACID	EPA 552.2 REV 1	CHLOROACETIC ACID
EPA 552.2 REV 1	DIBROMOACETIC ACID	EPA 552.2 REV 1	DICHLOROACETIC ACID
EPA 552.2 REV 1	HALOACETIC ACIDS - FIVE (HAA5)	EPA 552.2 REV 1	TRICHLOROACETIC ACID (TCAA)
HACH 10206	NITRATE AS N	MODIFIED COLITAG®	ESCHERICHIA COLI
MODIFIED COLITAG®	TOTAL COLIFORMS	SM 2320 B-2011	ALKALINITY AS CaCO3
SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)	SM 4500-CN ⁻ E-2011	CYANIDE
SM 4500-F ⁻ C-2011	FLUORIDE	SM 4500-NO2 ⁻ B-2011	NITRITE AS N
SM 4500-NO3 ⁻ E-2011	NITRATE AS N	SM 4500-SO4 ⁻ E-2011	SULFATE
SM 5310 B-2011	DISSOLVED ORGANIC CARBON (DOC)	SM 5310 B-2011	TOTAL ORGANIC CARBON (TOC)
SM 5910 B-2011	UV 254	SM 9215 B-2004	HETEROTROPHIC PLATE COUNT
SM 9221 B-2006	TOTAL COLIFORMS	SM 9221 F (P/A) -2006	ESCHERICHIA COLI
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

City of Richmond Environmental Management Laboratory

Richmond, VA

Certificate No.: 9871

Certificate Expiration Date: 06/30/2019

Phone: (804) 646-1817

DCLS Lab ID: 00290

Method	Analyte	Method	Analyte
SIMPLATE	HETEROTROPHIC PLATE COUNT	SM 2130 B-2011	TURBIDITY
SM 2320 B-2011	ALKALINITY AS CaCO3	SM 2510 B-2011	CONDUCTIVITY
SM 4500-F ⁻ C-2011	FLUORIDE	SM 4500-H+ B-2011	PH
SM 4500-P E-2011	ORTHOPHOSPHATE AS P	SM 9223 COLILERT P/A	ESCHERICHIA COLI
SM 9223 COLILERT P/A	TOTAL COLIFORMS		

**Certified Laboratories
Virginia Safe Drinking Water and
Virginia Reciprocal Safe Drinking Water Programs
Effective: 03/22/2019**

Rivanna Water & Sewer Authority
Charlottesville, VA

Certificate No.: 9878

Certificate Expiration Date: 06/30/2019

Phone: (434) 977-2970

DCLS Lab ID: 00295

Method	Analyte
SM 3111 B-2011	IRON
SM 4500-F ⁻ C-2011	FLUORIDE
SM 9223 COLISURE®	TOTAL COLIFORMS

Method	Analyte
SM 3111 B-2011	MANGANESE
SM 9223 COLISURE®	ESCHERICHIA COLI

Roanoke Rapids Sanitary District
Roanoke Rapids, NC

Certificate No.: 9859

Certificate Expiration Date: 06/30/2019

Phone: (252) 537-3319

DCLS Lab ID: 00298

Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI
SM 9223 COLISURE®	ESCHERICHIA COLI

Method	Analyte
SM 9223 COLILERT P/A	TOTAL COLIFORMS
SM 9223 COLISURE®	TOTAL COLIFORMS

Salem Water Department
Salem, VA

Certificate No.: 9838

Certificate Expiration Date: 06/30/2019

Phone: (540) 375-3074

DCLS Lab ID: 00300

Method	Analyte
SM 9223 COLILERT MPN	ESCHERICHIA COLI
SM 9223 COLILERT P/A	TOTAL COLIFORMS

Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI

VDH DSS Accomac Field Office
Accomac, VA

Certificate No.: 9827

Certificate Expiration Date: 06/30/2019

Phone: (757) 787-5864

DCLS Lab ID: 00305

Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI

Method	Analyte
SM 9223 COLILERT P/A	TOTAL COLIFORMS

VDH DSS Norfolk Field Office
Norfolk, VA

Certificate No.: 9828

Certificate Expiration Date: 06/30/2019

Phone: (757) 683-8643

DCLS Lab ID: 00310

Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI

Method	Analyte
SM 9223 COLILERT P/A	TOTAL COLIFORMS

VDH DSS White Stone Field Office
White Stone, VA

Certificate No.: 9839

Certificate Expiration Date: 06/30/2019

Phone: (804) 435-1095

DCLS Lab ID: 00315

Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI

Method	Analyte
SM 9223 COLILERT P/A	TOTAL COLIFORMS

**Certified Laboratories
Virginia Safe Drinking Water and
Virginia Reciprocal Safe Drinking Water Programs
Effective: 03/22/2019**

Halifax County Service Authority: Leigh Street Water Treatment Plant
South Boston, VA

Phone: (434) 575-4255
DCLS Lab ID: 00320

Certificate No.: 9840

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLISURE®	ESCHERICHIA COLI	SM 9223 COLISURE®	TOTAL COLIFORMS

City of Staunton Water Treatment Plant
Staunton, VA

Phone: (540) 332-3961
DCLS Lab ID: 00325

Certificate No.: 9841

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLISURE®	ESCHERICHIA COLI	SM 9223 COLISURE®	TOTAL COLIFORMS

G. Robert House Water Treatment Facility
Chuckatuck, VA

Phone: (757) 514-7041
DCLS Lab ID: 00330

Certificate No.: 10090

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 2130 B-2011	TURBIDITY	SM 2320 B-2011	ALKALINITY AS CaCO ₃
SM 2510 B-2011	CONDUCTIVITY	SM 4500-CL ⁻ B-2011	CHLORIDE
SM 4500-F ⁻ C-2011	FLUORIDE	SM 4500-H ⁺ B-2011	PH
SM 9215 B-2004	HETEROTROPHIC PLATE COUNT	SM 9222 B-1997	TOTAL COLIFORMS
SM 9222 G (P/A) -1997	ESCHERICHIA COLI	SM 9223 COLILERT P/A	ESCHERICHIA COLI
SM 9223 COLILERT P/A	TOTAL COLIFORMS		

Town of Leesburg Water Treatment Plant
Leesburg, VA

Phone: (703) 737-7110
DCLS Lab ID: 00340

Certificate No.: 9842

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9215 B-2004	HETEROTROPHIC PLATE COUNT	SM 9223 COLILERT P/A	ESCHERICHIA COLI
SM 9223 COLILERT P/A	TOTAL COLIFORMS		

Three Springs Water Plant
McGaheysville, VA

Phone: (540) 289-6376
DCLS Lab ID: 00342

Certificate No.: 9843

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLISURE®	ESCHERICHIA COLI	SM 9223 COLISURE®	TOTAL COLIFORMS

Certified Laboratories
Virginia Safe Drinking Water and
Virginia Reciprocal Safe Drinking Water Programs
Effective: 03/22/2019

NAVFAC Mid-Atlantic Environmental Laboratory
 Norfolk, VA

Phone: (757) 341-0473
 DCLS Lab ID: 00365

Certificate No.: 9877 Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9215 B-2004	HETEROTROPHIC PLATE COUNT	SM 9223 COLILERT P/A	ESCHERICHIA COLI
SM 9223 COLILERT P/A	TOTAL COLIFORMS		

VDACS RAHL Harrisonburg
 Harrisonburg, VA

Phone: (540) 209-9133
 DCLS Lab ID: 00370

Certificate No.: 9844 Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

VDACS RAHL Lynchburg
 Lynchburg, VA

Phone: (434) 200-9988
 DCLS Lab ID: 00380

Certificate No.: 9845 Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLISURE®	ESCHERICHIA COLI	SM 9223 COLISURE®	TOTAL COLIFORMS

VDACS RAHL Warrenton
 Warrenton, VA

Phone: (540) 316-6543
 DCLS Lab ID: 00385

Certificate No.: 9938 Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

VDACS RAHL Wytheville
 Wytheville, VA

Phone: (276) 228-5501
 DCLS Lab ID: 00390

Certificate No.: 9982 Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

Virginia American Water Company - Hopewell
 Hopewell, VA

Phone: (804) 943-5589
 DCLS Lab ID: 00405

Certificate No.: 9848 Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SIMPLATE	HETEROTROPHIC PLATE COUNT	SM 9223 COLILERT P/A	ESCHERICHIA COLI
SM 9223 COLILERT P/A	TOTAL COLIFORMS		

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Virginia Safe Drinking Water and
Virginia Reciprocal Safe Drinking Water Programs
Effective: 03/22/2019

Virginia Beach Department of Public Utilities
 Virginia Beach, VA

Phone: (757) 385-1400
 DCLS Lab ID: 00410

Certificate No.: 10098

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9215 B-2004	HETEROTROPHIC PLATE COUNT	SM 9223 COLILERT P/A	ESCHERICHIA COLI
SM 9223 COLILERT P/A	TOTAL COLIFORMS	SM 9223 COLILERT-18 P/A	ESCHERICHIA COLI
SM 9223 COLILERT-18 P/A	TOTAL COLIFORMS		

Virginia American Water Company - Alexandria
 Alexandria, VA

Phone: (703) 706-3867
 DCLS Lab ID: 00413

Certificate No.: 9881

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SIMPLATE	HETEROTROPHIC PLATE COUNT	SM 4500-H+ B-2011	PH
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

Washington County Service Authority
 Abingdon, VA

Phone: (276) 628-7151 ext 233
 DCLS Lab ID: 00415

Certificate No.: 9849

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLISURE®	ESCHERICHIA COLI	SM 9223 COLISURE®	TOTAL COLIFORMS

Water Testing Labs of Maryland, Inc. / Chesapeake Labs, Inc. - Salisbury
 Salisbury, MD

Phone: (410) 546-1318
 DCLS Lab ID: 00416

Certificate No.: 9862

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

National Testing Laboratories, Ltd.
 Ypsilanti, MI

Phone: (440) 449-2525
 DCLS Lab ID: 00417

Certificate No.: 9914

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
EPA 200.7 REV 4.4	ALUMINUM	EPA 200.7 REV 4.4	BARIUM
EPA 200.7 REV 4.4	BERYLLIUM	EPA 200.7 REV 4.4	CADMIUM
EPA 200.7 REV 4.4	CALCIUM	EPA 200.7 REV 4.4	CHROMIUM
EPA 200.7 REV 4.4	COPPER	EPA 200.7 REV 4.4	IRON
EPA 200.7 REV 4.4	MAGNESIUM	EPA 200.7 REV 4.4	MANGANESE
EPA 200.7 REV 4.4	NICKEL	EPA 200.7 REV 4.4	SILICA AS SIO2
EPA 200.7 REV 4.4	SILVER	EPA 200.7 REV 4.4	SODIUM
EPA 200.7 REV 4.4	ZINC	EPA 200.8 REV 5.4	ANTIMONY
EPA 200.8 REV 5.4	ARSENIC	EPA 200.8 REV 5.4	BARIUM
EPA 200.8 REV 5.4	BERYLLIUM	EPA 200.8 REV 5.4	CADMIUM

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Virginia Reciprocal Safe Drinking Water Programs**

Effective: 03/22/2019

EPA 200.8 REV 5.4	CHROMIUM	EPA 200.8 REV 5.4	COPPER
EPA 200.8 REV 5.4	LEAD	EPA 200.8 REV 5.4	MANGANESE
EPA 200.8 REV 5.4	MERCURY	EPA 200.8 REV 5.4	NICKEL
EPA 200.8 REV 5.4	SELENIUM	EPA 200.8 REV 5.4	SILVER
EPA 200.8 REV 5.4	THALLIUM	EPA 200.8 REV 5.4	URANIUM
EPA 200.8 REV 5.4	ZINC	EPA 300.0 REV 2.1	BROMIDE
EPA 300.0 REV 2.1	CHLORIDE	EPA 300.0 REV 2.1	FLUORIDE
EPA 300.0 REV 2.1	NITRATE AS N	EPA 300.0 REV 2.1	NITRITE AS N
EPA 300.0 REV 2.1	ORTHOPHOSPHATE AS P	EPA 300.0 REV 2.1	SULFATE
EPA 300.1	BROMATE	EPA 300.1	BROMIDE
EPA 300.1	CHLORITE	EPA 326.0 REV 1	BROMATE
EPA 504.1 REV 1.1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	EPA 504.1 REV 1.1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)
EPA 505 REV 2.1	CHLORDANE, TOTAL	EPA 505 REV 2.1	ENDRIN
EPA 505 REV 2.1	GAMMA-BHC (LINDANE, GAMMA-HEXACHLOROCYCLOHEXANE)	EPA 505 REV 2.1	HEPTACHLOR
EPA 505 REV 2.1	HEPTACHLOR EPOXIDE	EPA 505 REV 2.1	HEXACHLOROBENZENE
EPA 505 REV 2.1	HEXACHLOROCYCLOPENTADIENE	EPA 505 REV 2.1	METHOXYCHLOR
EPA 505 REV 2.1	PCBS, AS AROCLORS	EPA 505 REV 2.1	TOXAPHENE (CHLORINATED CAMPHENE)
EPA 515.4 REV 1	2,4-D	EPA 515.4 REV 1	DALAPON
EPA 515.4 REV 1	DINOSEB (2-SEC-BUTYL-4,6-DINITROPHENOL, DNBP)	EPA 515.4 REV 1	PENTACHLOROPHENOL
EPA 515.4 REV 1	PICLORAM	EPA 515.4 REV 1	SILVEX (2,4,5-TP)
EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE	EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE
EPA 524.2 REV 4.1	1,2-DICHLOROETHYLENE (O-DICHLOROETHYLENE)	EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)
EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE	EPA 524.2 REV 4.1	1,4-DICHLOROETHANE (P-DICHLOROETHYLENE)
EPA 524.2 REV 4.1	BENZENE	EPA 524.2 REV 4.1	BROMODICHLOROMETHANE
EPA 524.2 REV 4.1	BROMOFORM	EPA 524.2 REV 4.1	CARBON TETRACHLORIDE
EPA 524.2 REV 4.1	CHLOROBENZENE	EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE
EPA 524.2 REV 4.1	CHLOROFORM	EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE
EPA 524.2 REV 4.1	ETHYLBENZENE	EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)
EPA 524.2 REV 4.1	STYRENE	EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHYLENE)
EPA 524.2 REV 4.1	TOLUENE	EPA 524.2 REV 4.1	TOTAL TRIHALOMETHANES (TTHMS)
EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE	EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)
EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)	EPA 524.2 REV 4.1	XYLENE (TOTAL)
EPA 525.2 REV 2	ALACHLOR	EPA 525.2 REV 2	ATRAZINE
EPA 525.2 REV 2	BENZO(A)PYRENE	EPA 525.2 REV 2	BIS(2-ETHYLHEXYL) PHTHALATE (DI(2-ETHYLHEXYL)PHTHALATE), (DEHP)
EPA 525.2 REV 2	BIS(2-ETHYLHEXYL)ADIPATE (DI(2-ETHYLHEXYL)ADIPATE)	EPA 525.2 REV 2	ENDRIN
EPA 525.2 REV 2	GAMMA-BHC (LINDANE, GAMMA-HEXACHLOROCYCLOHEXANE)	EPA 525.2 REV 2	HEPTACHLOR
EPA 525.2 REV 2	HEPTACHLOR EPOXIDE	EPA 525.2 REV 2	HEXACHLOROBENZENE
EPA 525.2 REV 2	HEXACHLOROCYCLOPENTADIENE	EPA 525.2 REV 2	METHOXYCHLOR
EPA 525.2 REV 2	SIMAZINE	EPA 531.2 REV 1	CARBOFURAN (FURADEN)
EPA 531.2 REV 1	OXAMYL	EPA 547	GLYPHOSATE
EPA 548.1 REV 1	ENDOTHALL	EPA 549.2 REV 1	DIQUAT
EPA 552.2 REV 1	BROMOACETIC ACID	EPA 552.2 REV 1	CHLOROACETIC ACID
EPA 552.2 REV 1	DALAPON	EPA 552.2 REV 1	DIBROMOACETIC ACID
EPA 552.2 REV 1	DICHLOROACETIC ACID	EPA 552.2 REV 1	HALOACETIC ACIDS - FIVE (HAA5)
EPA 552.2 REV 1	TRICHLOROACETIC ACID (TCAA)	SM 2120 B-2011	COLOR
SM 2130 B-2011	TURBIDITY	SM 2320 B-2011	ALKALINITY AS CaCO3
SM 2510 B-2011	CONDUCTIVITY	SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)
SM 3113 B-2010	ARSENIC	SM 3113 B-2010	LEAD
SM 3113 B-2010	SELENIUM	SM 5310 C-2011	TOTAL ORGANIC CARBON (TOC)

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SM 5540 C-2011
SM 9223 COLILERT P/A

SURFACTANTS - MBAS
TOTAL COLIFORMS

SM 9223 COLILERT P/A ESCHERICHIA COLI

Water Chemistry, Inc.
Roanoke, VA

Phone: (540) 343-3618
DCLS Lab ID: 00423

Certificate No.: 9850

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9215 B-2004	HETEROTROPHIC PLATE COUNT	SM 9223 COLILERT P/A	ESCHERICHIA COLI
SM 9223 COLILERT P/A	TOTAL COLIFORMS		

Washington Aqueduct Laboratory
Washington, DC

Phone:
DCLS Lab ID: 00425

Certificate No.: 9860

Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
EPA 200.8 REV 5.4	ANTIMONY	EPA 200.8 REV 5.4	ARSENIC
EPA 200.8 REV 5.4	BARIUM	EPA 200.8 REV 5.4	BERYLLIUM
EPA 200.8 REV 5.4	CADMIUM	EPA 200.8 REV 5.4	CHROMIUM
EPA 200.8 REV 5.4	COPPER	EPA 200.8 REV 5.4	LEAD
EPA 200.8 REV 5.4	MERCURY	EPA 200.8 REV 5.4	NICKEL
EPA 200.8 REV 5.4	SELENIUM	EPA 200.8 REV 5.4	THALLIUM
EPA 200.8 REV 5.4	URANIUM	EPA 300.0 REV 2.1	FLUORIDE
EPA 300.0 REV 2.1	NITRATE AS N	EPA 300.0 REV 2.1	NITRITE AS N
EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE	EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE
EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)	EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)
EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE	EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)
EPA 524.2 REV 4.1	BENZENE	EPA 524.2 REV 4.1	BROMODICHLOROMETHANE
EPA 524.2 REV 4.1	BROMOFORM	EPA 524.2 REV 4.1	CARBON TETRACHLORIDE
EPA 524.2 REV 4.1	CHLOROBENZENE	EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE
EPA 524.2 REV 4.1	CHLOROFORM	EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE
EPA 524.2 REV 4.1	ETHYLBENZENE	EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)
EPA 524.2 REV 4.1	STYRENE	EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)
EPA 524.2 REV 4.1	TOLUENE	EPA 524.2 REV 4.1	TOTAL TRIHALOMETHANES (TTHMS)
EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE	EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)
EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)	EPA 524.2 REV 4.1	XYLENE (TOTAL)
EPA 552.2 REV 1	BROMOACETIC ACID	EPA 552.2 REV 1	CHLOROACETIC ACID
EPA 552.2 REV 1	DIBROMOACETIC ACID	EPA 552.2 REV 1	DICHLOROACETIC ACID
EPA 552.2 REV 1	HALOACETIC ACIDS - FIVE (HAA5)	EPA 552.2 REV 1	TRICHLOROACETIC ACID (TCAA)
READYCULT®	ESCHERICHIA COLI	READYCULT®	TOTAL COLIFORMS
SIMPLATE	HETEROTROPHIC PLATE COUNT	SM 3111 B-2011	SODIUM
SM 4500-F ⁻ C-2011	FLUORIDE	SM 9223 COLILERT MPN	ESCHERICHIA COLI
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

Certified Laboratories
Virginia Safe Drinking Water and
Virginia Reciprocal Safe Drinking Water Programs
Effective: 03/22/2019

McCoy & McCoy Laboratories, A Pace Analytical Services Company - Madisonville Phone: (270) 821-7375
 Madisonville, KY DCLS Lab ID: 00431
 Certificate No.: 9794 Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
EPA 1623	CRYPTOSPORIDIUM	SM 2120 B-2011	COLOR

Spotsylvania County Laboratory Services Phone: (540) 507-7364
 Fredericksburg, VA DCLS Lab ID: 00437
 Certificate No.: 9851 Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SIMPLATE	HETEROTROPHIC PLATE COUNT	SM 9223 COLILERT P/A	ESCHERICHIA COLI
SM 9223 COLILERT P/A	TOTAL COLIFORMS		

McCoy & McCoy Laboratories, A Pace Analytical Services Company - Pikeville Phone: (270) 821-7375
 Pikeville, KY DCLS Lab ID: 00438
 Certificate No.: 9793 Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SIMPLATE	HETEROTROPHIC PLATE COUNT	SM 9223 COLILERT	ESCHERICHIA COLI
SM 9223 COLILERT P/A	ESCHERICHIA COLI	MPN	
		SM 9223 COLILERT P/A	TOTAL COLIFORMS

Town of Wytheville Water Treatment Plant Phone: (276) 223-3322
 Wytheville, VA DCLS Lab ID: 00442
 Certificate No.: 9852 Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

SAFLAB Phone: (276) 233-1790
 Galax, VA DCLS Lab ID: 00443
 Certificate No.: 9853 Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

Fredericktowne Labs Phone: (301) 293-3340
 Myersville, MD DCLS Lab ID: 00444
 Certificate No.: 10002 Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SIMPLATE	HETEROTROPHIC PLATE COUNT	SM 9215 B-2004	HETEROTROPHIC PLATE COUNT
SM 9221 B-2006	TOTAL COLIFORMS	SM 9221 D-1999	TOTAL COLIFORMS
SM 9221 F (P/A)-2006	ESCHERICHIA COLI		

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SM 9223 COLILERT ESCHERICHIA COLI
MPN
SM 9223 COLILERT P/A TOTAL COLIFORMS

SM 9223 COLILERT P/A ESCHERICHIA COLI

Augusta County Service Authority Fishersville Regional Laboratory
Staunton, VA

Phone: (540) 245-5677
DCLS Lab ID: 00447

Certificate No.: 9831 Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLILERT	ESCHERICHIA COLI	SM 9223 COLILERT	TOTAL COLIFORMS
MPN		MPN	
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

City of Waynesboro Water Treatment Plant
Waynesboro, VA

Phone: (540) 946-3754
DCLS Lab ID: 00451

Certificate No.: 9832 Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

WV American Water - Bluefield
Bluefield, WV

Phone: (304) 327-8913
DCLS Lab ID: 00453

Certificate No.: 9864 Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

Curtis Drilling, Inc.
Rockville, VA

Phone: (804) 749-3359
DCLS Lab ID: 00454

Certificate No.: 9854 Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
SM 9223 COLISURE®	ESCHERICHIA COLI	SM 9223 COLISURE®	TOTAL COLIFORMS

Aqua Pennsylvania
Bryn Mawr, PA

Phone:
DCLS Lab ID: 00458

Certificate No.: 9798 Certificate Expiration Date: 06/30/2019

Method	Analyte	Method	Analyte
ASTM D6919-09	SODIUM	EPA 200.8 REV 5.4	ALUMINUM
EPA 200.8 REV 5.4	ANTIMONY	EPA 200.8 REV 5.4	ARSENIC
EPA 200.8 REV 5.4	BARIUM	EPA 200.8 REV 5.4	BERYLLIUM
EPA 200.8 REV 5.4	CADMIUM	EPA 200.8 REV 5.4	CHROMIUM
EPA 200.8 REV 5.4	COPPER	EPA 200.8 REV 5.4	LEAD
EPA 200.8 REV 5.4	MANGANESE	EPA 200.8 REV 5.4	NICKEL
EPA 200.8 REV 5.4	SELENIUM	EPA 200.8 REV 5.4	SILVER
EPA 200.8 REV 5.4	THALLIUM	EPA 200.8 REV 5.4	ZINC
EPA 245.1 REV 3	MERCURY	EPA 300.0 REV 2.1	CHLORIDE

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Effective: 03/22/2019

EPA 300.0 REV 2.1	FLUORIDE	EPA 300.0 REV 2.1	NITRATE AS N
EPA 300.0 REV 2.1	NITRITE AS N	EPA 300.0 REV 2.1	SULFATE
EPA 524.3 REV 1.0	1,1,1-TRICHLOROETHANE	EPA 524.3 REV 1.0	1,1,2-TRICHLOROETHANE
EPA 524.3 REV 1.0	1,1-DICHLOROETHYLENE	EPA 524.3 REV 1.0	1,2,4-TRICHLOROBENZENE
EPA 524.3 REV 1.0	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)	EPA 524.3 REV 1.0	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)
EPA 524.3 REV 1.0	1,2-DICHLOROPROPANE	EPA 524.3 REV 1.0	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)
EPA 524.3 REV 1.0	BENZENE	EPA 524.3 REV 1.0	BROMODICHLOROMETHANE
EPA 524.3 REV 1.0	BROMOFORM	EPA 524.3 REV 1.0	CARBON TETRACHLORIDE
EPA 524.3 REV 1.0	CHLOROBENZENE	EPA 524.3 REV 1.0	CHLORODIBROMOMETHANE
EPA 524.3 REV 1.0	CHLOROFORM	EPA 524.3 REV 1.0	CIS-1,2-DICHLOROETHYLENE
EPA 524.3 REV 1.0	ETHYLBENZENE	EPA 524.3 REV 1.0	METHYLENE CHLORIDE (DICHLOROMETHANE)
EPA 524.3 REV 1.0	STYRENE	EPA 524.3 REV 1.0	TETRACHLOROETHENE (PERCHLOROETHENE)
EPA 524.3 REV 1.0	TOLUENE	EPA 524.3 REV 1.0	TOTAL TRIHALOMETHANES (TTHMS)
EPA 524.3 REV 1.0	TRANS-1,2-DICHLOROETHENE	EPA 524.3 REV 1.0	TRICHLOROETHENE (TRICHLOROETHYLENE)
EPA 524.3 REV 1.0	VINYL CHLORIDE (CHLOROETHENE)	EPA 524.3 REV 1.0	XYLENE (TOTAL)
EPA 552.3 REV 1	CHLOROACETIC ACID	EPA 552.3 REV 1	DIBROMOACETIC ACID
EPA 552.3 REV 1	DICHLOROACETIC ACID	EPA 552.3 REV 1	HALOACETIC ACIDS - FIVE (HAA5)
EPA 552.3 REV 1	TRICHLOROACETIC ACID (TCAA)	SM 2120 B-2011	COLOR
SM 2320 B-2011	ALKALINITY AS CaCO ₃	SM 2510 B-2011	CONDUCTIVITY
SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)	SM 3111 B-2011	IRON
SM 4500-CN ⁻ F-2011	CYANIDE	SM 4500-P E-2011	ORTHOPHOSPHATE AS P
SM 5310 C-2011	TOTAL ORGANIC CARBON (TOC)		

The Town of Lebanon Water - Wastewater Laboratory

LEBANON, VA

Certificate No.: 9855

Certificate Expiration Date: 06/30/2019

Phone: (276) 889-7206

DCLS Lab ID: 00459

Method	Analyte	Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

C H Diagnostic and Consulting Service, Inc.

Berthoud, CO

Certificate No.: 9898

Certificate Expiration Date: 06/30/2019

Phone: (970) 532-2078

DCLS Lab ID: 00461

Method	Analyte	Method	Analyte
EPA 1623	CRYPTOSPORIDIUM		

Pace Analytical National Center for Testing & Innovation

Mount Juliet, TN

Certificate No.: 10218

Certificate Expiration Date: 06/30/2019

Phone: (615) 773-9755

DCLS Lab ID: 00462

Method	Analyte	Method	Analyte
EPA 1622	CRYPTOSPORIDIUM	EPA 1623	CRYPTOSPORIDIUM



Commonwealth of Virginia
 Department of General Services
 Division of Consolidated Laboratory Services



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Effective: 03/22/2019

Hampton Roads Sanitation District Central Environmental Laboratory/ Wet Labora Virginia Beach, VA Certificate No.: 10215	Phone: (757) 460-4217 DCLS Lab ID: 460011 Certificate Expiration Date: 06/14/2019
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Method	Analyte	Method	Analyte
EPA 200.7 REV 4.4	ALUMINUM	EPA 200.7 REV 4.4	BARIUM
EPA 200.7 REV 4.4	BERYLLIUM	EPA 200.7 REV 4.4	CADMIUM
EPA 200.7 REV 4.4	CALCIUM	EPA 200.7 REV 4.4	CHROMIUM
EPA 200.7 REV 4.4	COPPER	EPA 200.7 REV 4.4	IRON
EPA 200.7 REV 4.4	MAGNESIUM	EPA 200.7 REV 4.4	MANGANESE
EPA 200.7 REV 4.4	NICKEL	EPA 200.7 REV 4.4	SILICA AS SIO2
EPA 200.7 REV 4.4	SILVER	EPA 200.7 REV 4.4	SODIUM
EPA 200.7 REV 4.4	ZINC	EPA 200.8 REV 5.4	ALUMINUM
EPA 200.8 REV 5.4	ANTIMONY	EPA 200.8 REV 5.4	ARSENIC
EPA 200.8 REV 5.4	BARIUM	EPA 200.8 REV 5.4	BERYLLIUM
EPA 200.8 REV 5.4	CADMIUM	EPA 200.8 REV 5.4	CHROMIUM
EPA 200.8 REV 5.4	LEAD	EPA 200.8 REV 5.4	MANGANESE
EPA 200.8 REV 5.4	NICKEL	EPA 200.8 REV 5.4	SELENIUM
EPA 200.8 REV 5.4	SILVER	EPA 200.8 REV 5.4	THALLIUM
EPA 200.8 REV 5.4	URANIUM	EPA 200.8 REV 5.4	ZINC
EPA 245.1 REV 3	MERCURY	EPA 300.0 REV 2.1	BROMIDE
EPA 300.0 REV 2.1	CHLORIDE	EPA 300.0 REV 2.1	CHLORITE
EPA 300.0 REV 2.1	FLUORIDE	EPA 300.0 REV 2.1	SULFATE
EPA 300.1	BROMATE	EPA 300.1	BROMIDE
EPA 302.0	BROMATE	EPA 353.2 REV 2 (AS LACHAT 10-107-04-1 A + C)	NITRATE AS N
EPA 353.2 REV 2 (AS LACHAT 10-107-04-1-A)	NITRATE/NITRITE	EPA 353.2 REV 2 (AS LACHAT 10-107-04-1-C)	NITRITE AS N
EPA 504.1 REV 1.1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	EPA 504.1 REV 1.1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)
EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE	EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE
EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)	EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)
EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE	EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)
EPA 524.2 REV 4.1	BENZENE	EPA 524.2 REV 4.1	BROMODICHLOROMETHANE
EPA 524.2 REV 4.1	BROMOFORM	EPA 524.2 REV 4.1	CARBON TETRACHLORIDE
EPA 524.2 REV 4.1	CHLOROBENZENE	EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE
EPA 524.2 REV 4.1	CHLOROFORM	EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE
EPA 524.2 REV 4.1	ETHYLBENZENE	EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)
EPA 524.2 REV 4.1	STYRENE	EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)
EPA 524.2 REV 4.1	TOLUENE	EPA 524.2 REV 4.1	TOTAL TRIHALOMETHANES (TTHMS)
EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE	EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)
EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)	EPA 524.2 REV 4.1	XYLENE (TOTAL)
EPA 552.2 REV 1	BROMOACETIC ACID	EPA 552.2 REV 1	CHLOROACETIC ACID

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EPA 552.2 REV 1	DIBROMOACETIC ACID	EPA 552.2 REV 1	DICHLOROACETIC ACID
EPA 552.2 REV 1	HALOACETIC ACIDS - FIVE (HAA5)	EPA 552.2 REV 1	TRICHLOROACETIC ACID (TCAA)
LACHAT QUIKCHEM 10-204-00-1-X	CYANIDE	SM 2320 B-2011	ALKALINITY AS CaCO3
SM 2510 B-2011	CONDUCTIVITY	SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)
SM 4500-F ⁻ C-2011	FLUORIDE	SM 5310 B-2011	DISSOLVED ORGANIC CARBON (DOC)
SM 5310 B-2011	TOTAL ORGANIC CARBON (TOC)	SM 5310 C-2011	DISSOLVED ORGANIC CARBON (DOC)
SM 5310 C-2011	TOTAL ORGANIC CARBON (TOC)	SM 5540 C-2011	SURFACTANTS - MBAS
SM 5910 B-2011	UV 254	SM 9215 B-2004	HETEROTROPHIC PLATE COUNT
SM 9223 COLILERT-18 MPN	ESCHERICHIA COLI	SM 9223 COLILERT-18 MPN	TOTAL COLIFORMS

James R. Reed & Associates

Newport News, VA

Certificate No.: 10008

Certificate Expiration Date: 06/14/2019

Phone: (757) 873-4703

DCLS Lab ID: 460013

Method	Analyte	Method	Analyte
EPA 180.1 REV 2	TURBIDITY	EPA 200.7 REV 4.4	ALUMINUM
EPA 200.7 REV 4.4	BARIUM	EPA 200.7 REV 4.4	BERYLLIUM
EPA 200.7 REV 4.4	CADMIUM	EPA 200.7 REV 4.4	CALCIUM
EPA 200.7 REV 4.4	CHROMIUM	EPA 200.7 REV 4.4	COPPER
EPA 200.7 REV 4.4	IRON	EPA 200.7 REV 4.4	MAGNESIUM
EPA 200.7 REV 4.4	MANGANESE	EPA 200.7 REV 4.4	NICKEL
EPA 200.7 REV 4.4	SILVER	EPA 200.7 REV 4.4	SODIUM
EPA 200.7 REV 4.4	ZINC	EPA 200.9 REV 2.2	LEAD
EPA 245.1 REV 3	MERCURY	EPA 300.0 REV 2.1	CHLORIDE
EPA 300.0 REV 2.1	FLUORIDE	EPA 300.0 REV 2.1	NITRATE AS N
EPA 300.0 REV 2.1	NITRITE AS N	EPA 300.0 REV 2.1	SULFATE
EPA 335.4 REV 1.0	CYANIDE	EPA 353.2 REV 2	NITRATE AS N
EPA 353.2 REV 2	NITRATE/NITRITE	EPA 353.2 REV 2	NITRITE AS N
EPA 504.1 REV 1.1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	EPA 504.1 REV 1.1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)
EPA 507 REV 2.1	ALACHLOR	EPA 507 REV 2.1	ATRAZINE
EPA 507 REV 2.1	SIMAZINE	EPA 508 REV 3.1	AROCLOR-1016 (PCB-1016)
EPA 508 REV 3.1	AROCLOR-1221 (PCB-1221)	EPA 508 REV 3.1	AROCLOR-1232 (PCB-1232)
EPA 508 REV 3.1	AROCLOR-1242 (PCB-1242)	EPA 508 REV 3.1	AROCLOR-1248 (PCB-1248)
EPA 508 REV 3.1	AROCLOR-1254 (PCB-1254)	EPA 508 REV 3.1	AROCLOR-1260 (PCB-1260)
EPA 508 REV 3.1	CHLORDANE, TOTAL	EPA 508 REV 3.1	ENDRIN
EPA 508 REV 3.1	GAMMA-BHC (LINDANE, GAMMA-HEXACHLOROCYCLOHEXANE)	EPA 508 REV 3.1	HEPTACHLOR
EPA 508 REV 3.1	HEPTACHLOR EPOXIDE	EPA 508 REV 3.1	HEXACHLOROBENZENE
EPA 508 REV 3.1	HEXACHLOROCYCLOPENTADIENE	EPA 508 REV 3.1	METHOXYCHLOR
EPA 508 REV 3.1	TOXAPHENE (CHLORINATED CAMPHENE)	EPA 515.1 REV 4	2,4-D
EPA 515.1 REV 4	DALAPON	EPA 515.1 REV 4	DINOSEB (2-SEC-BUTYL-4,6-DINITROPHENOL, DNBP)
EPA 515.1 REV 4	PENTACHLOROPHENOL	EPA 515.1 REV 4	PICLORAM
EPA 515.1 REV 4	SILVEX (2,4,5-TP)	EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE
EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE	EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)
EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)	EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE
EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)	EPA 524.2 REV 4.1	BENZENE
EPA 524.2 REV 4.1	BROMODICHLOROMETHANE	EPA 524.2 REV 4.1	BROMOFORM
EPA 524.2 REV 4.1	CARBON TETRACHLORIDE	EPA 524.2 REV 4.1	CHLOROBENZENE
EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE	EPA 524.2 REV 4.1	CHLOROFORM
EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE	EPA 524.2 REV 4.1	ETHYLBENZENE

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EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)	EPA 524.2 REV 4.1	STYRENE
EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)	EPA 524.2 REV 4.1	TOLUENE
EPA 524.2 REV 4.1	TOTAL TRIHALOMETHANES (TTHMS)	EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE
EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)	EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)
EPA 524.2 REV 4.1	XYLENE (TOTAL)	EPA 552.2 REV 1	BROMOACETIC ACID
EPA 552.2 REV 1	CHLOROACETIC ACID	EPA 552.2 REV 1	DIBROMOACETIC ACID
EPA 552.2 REV 1	DICHLOROACETIC ACID	EPA 552.2 REV 1	HALOACETIC ACIDS - FIVE (HAA5)
EPA 552.2 REV 1	TRICHLOROACETIC ACID (TCAA)	SM 2120 B-2011	COLOR
SM 2150 B-2011	ODOR	SM 2320 B-2011	ALKALINITY AS CaCO ₃
SM 2510 B-2011	CONDUCTIVITY	SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)
SM 4500-CL G-2011 (AS HACH 8021)	RESIDUAL FREE CHLORINE	SM 4500-CL G-2011 (AS HACH 8167)	TOTAL RESIDUAL CHLORINE
SM 4500-F ⁻ C-2011	FLUORIDE	SM 4500-H ⁺ B-2011	PH
SM 4500-NO ₂ ⁻ B-2011	NITRITE AS N	SM 4500-P E-2011	ORTHOPHOSPHATE AS P
SM 4500-SIO ₂ C-2011	SILICA AS SIO ₂	SM 5310 B-2011	DISSOLVED ORGANIC CARBON (DOC)
SM 5310 B-2011	TOTAL ORGANIC CARBON (TOC)	SM 5540 C-2011	SURFACTANTS - MBAS
SM 5910 B-2011	UV 254	SM 9215 B-2004	HETEROTROPHIC PLATE COUNT
SM 9223 COLILERT MPN	ESCHERICHIA COLI	SM 9223 COLILERT MPN	TOTAL COLIFORMS
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

Air Water & Soil Laboratories, Inc.
Richmond, VA

Phone: (804) 358-8295
DCLS Lab ID: 460021

Certificate No.: 10074

Certificate Expiration Date: 06/14/2019

Method	Analyte	Method	Analyte
ENTEROLERT®	ENTEROCOCCI	EPA 180.1 REV 2	TURBIDITY
EPA 200.7 REV 4.4	ALUMINUM	EPA 200.7 REV 4.4	BARIUM
EPA 200.7 REV 4.4	CADMIUM	EPA 200.7 REV 4.4	CALCIUM
EPA 200.7 REV 4.4	CHROMIUM	EPA 200.7 REV 4.4	COPPER
EPA 200.7 REV 4.4	IRON	EPA 200.7 REV 4.4	MAGNESIUM
EPA 200.7 REV 4.4	MANGANESE	EPA 200.7 REV 4.4	NICKEL
EPA 200.7 REV 4.4	SILVER	EPA 200.7 REV 4.4	SODIUM
EPA 200.7 REV 4.4	ZINC	EPA 200.8 REV 5.4	ANTIMONY
EPA 200.8 REV 5.4	ARSENIC	EPA 200.8 REV 5.4	BARIUM
EPA 200.8 REV 5.4	BERYLLIUM	EPA 200.8 REV 5.4	CADMIUM
EPA 200.8 REV 5.4	CHROMIUM	EPA 200.8 REV 5.4	COPPER
EPA 200.8 REV 5.4	LEAD	EPA 200.8 REV 5.4	MANGANESE
EPA 200.8 REV 5.4	NICKEL	EPA 200.8 REV 5.4	SELENIUM
EPA 200.8 REV 5.4	SILVER	EPA 200.8 REV 5.4	THALLIUM
EPA 200.8 REV 5.4	ZINC	EPA 200.9 REV 2.2	ANTIMONY
EPA 200.9 REV 2.2	ARSENIC	EPA 200.9 REV 2.2	BERYLLIUM
EPA 200.9 REV 2.2	CADMIUM	EPA 200.9 REV 2.2	LEAD
EPA 200.9 REV 2.2	SELENIUM	EPA 200.9 REV 2.2	THALLIUM
EPA 245.1 REV 3	MERCURY	EPA 300.0 REV 2.1	CHLORIDE
EPA 300.0 REV 2.1	CHLORITE	EPA 300.0 REV 2.1	FLUORIDE
EPA 300.0 REV 2.1	NITRATE AS N	EPA 300.0 REV 2.1	NITRATE/NITRITE
EPA 300.0 REV 2.1	NITRITE AS N	EPA 300.0 REV 2.1	SULFATE
EPA 504.1 REV 1.1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	EPA 504.1 REV 1.1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)
EPA 508.1 REV 2	AROCLOR-1016 (PCB-1016)	EPA 508.1 REV 2	AROCLOR-1221 (PCB-1221)
EPA 508.1 REV 2	AROCLOR-1232 (PCB-1232)	EPA 508.1 REV 2	AROCLOR-1242 (PCB-1242)
EPA 508.1 REV 2	AROCLOR-1248 (PCB-1248)	EPA 508.1 REV 2	AROCLOR-1254 (PCB-1254)
EPA 508.1 REV 2	AROCLOR-1260 (PCB-1260)	EPA 508.1 REV 2	CHLORDANE, TOTAL

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EPA 508.1 REV 2	ENDRIN	EPA 508.1 REV 2	GAMMA-BHC (LINDANE, GAMMA-HEXACHLOROCYCLOHEXANE)
EPA 508.1 REV 2	HEPTACHLOR	EPA 508.1 REV 2	HEPTACHLOR EPOXIDE
EPA 508.1 REV 2	METHOXYCHLOR	EPA 508.1 REV 2	TOXAPHENE (CHLORINATED CAMPHENE)
EPA 515.4 REV 1	2,4-D	EPA 515.4 REV 1	DALAPON
EPA 515.4 REV 1	DINOSEB (2-SEC-BUTYL-4,6-DINITROPHENOL, DNBP)	EPA 515.4 REV 1	PENTACHLOROPHENOL
EPA 515.4 REV 1	PICLORAM	EPA 515.4 REV 1	SILVEX (2,4,5-TP)
EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE	EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE
EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)	EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)
EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE	EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)
EPA 524.2 REV 4.1	BENZENE	EPA 524.2 REV 4.1	BROMODICHLOROMETHANE
EPA 524.2 REV 4.1	BROMOFORM	EPA 524.2 REV 4.1	CARBON TETRACHLORIDE
EPA 524.2 REV 4.1	CHLOROBENZENE	EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE
EPA 524.2 REV 4.1	CHLOROFORM	EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE
EPA 524.2 REV 4.1	ETHYLBENZENE	EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)
EPA 524.2 REV 4.1	STYRENE	EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)
EPA 524.2 REV 4.1	TOLUENE	EPA 524.2 REV 4.1	TOTAL TRIHALOMETHANES (TTHMS)
EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE	EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)
EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)	EPA 524.2 REV 4.1	XYLENE (TOTAL)
EPA 525.2 REV 2	ALACHLOR	EPA 525.2 REV 2	ATRAZINE
EPA 525.2 REV 2	BENZO(A)PYRENE	EPA 525.2 REV 2	BIS(2-ETHYLHEXYL) PHTHALATE (DI(2-ETHYLHEXYL)PHTHALATE), (DEHP)
EPA 525.2 REV 2	BIS(2-ETHYLHEXYL)ADIPATE (DI(2-ETHYLHEXYL)ADIPATE)	EPA 525.2 REV 2	HEXACHLOROBENZENE
EPA 525.2 REV 2	HEXACHLOROCYCLOPENTADIENE	EPA 525.2 REV 2	SIMAZINE
EPA 531.2 REV 1	CARBOFURAN (FURADEN)	EPA 531.2 REV 1	OXAMYL
EPA 552.3 REV 1	BROMOACETIC ACID	EPA 552.3 REV 1	CHLOROACETIC ACID
EPA 552.3 REV 1	DIBROMOACETIC ACID	EPA 552.3 REV 1	DICHLOROACETIC ACID
EPA 552.3 REV 1	HALOACETIC ACIDS - FIVE (HAA5)	EPA 552.3 REV 1	TRICHLOROACETIC ACID (TCAA)
SIMPLATE	HETEROTROPHIC PLATE COUNT	SM 2120 B-2011	COLOR
SM 2130 B-2011	TURBIDITY	SM 2320 B-2011	ALKALINITY AS CaCO ₃
SM 2510 B-2011	CONDUCTIVITY	SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)
SM 4500-CN ⁻ E-2011	CYANIDE	SM 4500-H+ B-2011	PH
SM 4500-NO ₃ ⁻ F-2011	NITRATE/NITRITE	SM 4500-P E-2011	ORTHOPHOSPHATE AS P
SM 5310 C-2011	DISSOLVED ORGANIC CARBON (DOC)	SM 5310 C-2011	TOTAL ORGANIC CARBON (TOC)
SM 5540 C-2011	SURFACTANTS - MBAS	SM 5910 B-2011	UV 254
SM 9223 COLILERT-18 MPN	ESCHERICHIA COLI	SM 9223 COLILERT-18 MPN	TOTAL COLIFORMS
SM 9223 COLILERT-18 P/A	ESCHERICHIA COLI	SM 9223 COLILERT-18 P/A	TOTAL COLIFORMS
SM 9223 COLISURE®	ESCHERICHIA COLI	SM 9223 COLISURE®	TOTAL COLIFORMS

Inboden Environmental Services, Inc.
Mount Jackson, VA

Certificate No.: 10187

Certificate Expiration Date: 06/14/2019

Phone: (540) 477-3300

DCLS Lab ID: 460024

Method	Analyte	Method	Analyte
SM 9223 COLILERT MPN	ESCHERICHIA COLI	SM 9223 COLILERT P/A	ESCHERICHIA COLI
SM 9223 COLILERT P/A	TOTAL COLIFORMS	SM 9223 COLILERT-18 MPN	ESCHERICHIA COLI
SM 9223 COLILERT-18 MPN	TOTAL COLIFORMS	SM 9223 COLILERT-18 P/A	ESCHERICHIA COLI

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1 VAC 30 Chapter 46
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SM 9223 COLILERT-18 TOTAL COLIFORMS
P/A

Pace Analytical Services, LLC - Eden NC
Eden, NC

Phone: (828) 254-7176
DCLS Lab ID: 460025

Certificate No.: 10163

Certificate Expiration Date: 06/14/2019

Method	Analyte	Method	Analyte
HACH 10206	NITRATE AS N	SM 2120 B-2011	COLOR
SM 2130 B-2011	TURBIDITY	SM 2320 B-2011	ALKALINITY AS CaCO ₃
SM 4500-NO ₂ ⁻ B-2011	NITRITE AS N	SM 5910 B-2011	UV 254
SM 9223 COLILERT MPN	ESCHERICHIA COLI	SM 9223 COLILERT MPN	TOTAL COLIFORMS
SM 9223 COLISURE®	ESCHERICHIA COLI	SM 9223 COLISURE®	TOTAL COLIFORMS

Coastal Bioanalysts, Inc.
Gloucester, VA

Phone: (804) 694-8285
DCLS Lab ID: 460030

Certificate No.: 9676

Certificate Expiration Date: 06/14/2019

Method	Analyte	Method	Analyte
SM 9223 COLILERT MPN	ESCHERICHIA COLI	SM 9223 COLILERT MPN	TOTAL COLIFORMS
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS
SM 9223 COLILERT-18 MPN	ESCHERICHIA COLI	SM 9223 COLILERT-18 MPN	TOTAL COLIFORMS
SM 9223 COLILERT-18 P/A	ESCHERICHIA COLI	SM 9223 COLILERT-18 P/A	TOTAL COLIFORMS

LJT & Associates, Inc.
Wallops Island, VA

Phone: (757) 824-2352
DCLS Lab ID: 460031

Certificate No.: 9987

Certificate Expiration Date: 06/14/2019

Method	Analyte	Method	Analyte
SM 9223 COLILERT MPN	ESCHERICHIA COLI	SM 9223 COLILERT MPN	TOTAL COLIFORMS
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

EnviroCompliance Laboratories, Inc. - Ashland
Ashland, VA

Phone: (804) 550-3971
DCLS Lab ID: 460032

Certificate No.: 10210

Certificate Expiration Date: 06/14/2019

Method	Analyte	Method	Analyte
EPA 150.1	PH	EPA 200.8 REV 5.4	ANTIMONY
EPA 200.8 REV 5.4	ARSENIC	EPA 200.8 REV 5.4	BARIUM
EPA 200.8 REV 5.4	BERYLLIUM	EPA 200.8 REV 5.4	CADMIUM
EPA 200.8 REV 5.4	CHROMIUM	EPA 200.8 REV 5.4	COPPER
EPA 200.8 REV 5.4	LEAD	EPA 200.8 REV 5.4	NICKEL
EPA 200.8 REV 5.4	SELENIUM	EPA 200.8 REV 5.4	THALLIUM
EPA 300.0 REV 2.1	CHLORIDE	EPA 300.0 REV 2.1	NITRATE AS N
M-COLIBLUE24®	ESCHERICHIA COLI	M-COLIBLUE24®	TOTAL COLIFORMS
SM 3111 B-2011	CALCIUM	SM 3111 B-2011	MAGNESIUM
SM 3111 B-2011	SODIUM	SM 4500-H+ B-2011	PH

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1 VAC 30 Chapter 46
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SM 4500-NO2⁻ B-2011
SM 9221 B-2006

NITRITE AS N
TOTAL COLIFORMS

SM 9215 B-2004
SM 9221 F (P/A) -2006

HETEROTROPHIC PLATE COUNT
ESCHERICHIA COLI

E M S, Inc.
Wytheville, VA

Certificate No.: 9906

Certificate Expiration Date: 06/14/2019

Phone: (276) 228-6464
DCLS Lab ID: 460033

Method	Analyte	Method	Analyte
EPA 200.7 REV 4.4	ALUMINUM	EPA 200.7 REV 4.4	BARIUM
EPA 200.7 REV 4.4	CALCIUM	EPA 200.7 REV 4.4	CHROMIUM
EPA 200.7 REV 4.4	COPPER	EPA 200.7 REV 4.4	IRON
EPA 200.7 REV 4.4	MAGNESIUM	EPA 200.7 REV 4.4	MANGANESE
EPA 200.7 REV 4.4	NICKEL	EPA 200.7 REV 4.4	SILVER
EPA 200.7 REV 4.4	SODIUM	EPA 200.7 REV 4.4	ZINC
EPA 200.9 REV 2.2	LEAD	EPA 300.0 REV 2.1	CHLORIDE
EPA 300.0 REV 2.1	FLUORIDE	EPA 300.0 REV 2.1	SULFATE
SIMPLATE	HETEROTROPHIC PLATE COUNT	SM 2320 B-2011	ALKALINITY AS CaCO ₃
SM 2510 B-2011	CONDUCTIVITY	SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)
SM 9223 COLILERT MPN	ESCHERICHIA COLI	SM 9223 COLILERT MPN	TOTAL COLIFORMS
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

Joiner Micro Laboratories, Inc.
Warrenton, VA

Certificate No.: 9646

Certificate Expiration Date: 06/14/2019

Phone: (540) 347-7212
DCLS Lab ID: 460034

Method	Analyte	Method	Analyte
SM 9215 B-2004	HETEROTROPHIC PLATE COUNT	SM 9221 B-2006	TOTAL COLIFORMS
SM 9221 F (P/A) -2006	ESCHERICHIA COLI	SM 9223 COLILERT MPN	ESCHERICHIA COLI
SM 9223 COLILERT MPN	TOTAL COLIFORMS	SM 9223 COLILERT P/A	ESCHERICHIA COLI
SM 9223 COLILERT P/A	TOTAL COLIFORMS		

Universal Laboratories - Hampton
Hampton, VA

Certificate No.: 10160

Certificate Expiration Date: 06/14/2019

Phone: (757) 865-0880
DCLS Lab ID: 460036

Method	Analyte	Method	Analyte
ASTM D516-11 (AS SEAL EPA-165-A)	SULFATE	EPA 200.7 REV 4.4	ALUMINUM
EPA 200.7 REV 4.4	BARIUM	EPA 200.7 REV 4.4	BERYLLIUM
EPA 200.7 REV 4.4	CADMIUM	EPA 200.7 REV 4.4	CALCIUM
EPA 200.7 REV 4.4	CHROMIUM	EPA 200.7 REV 4.4	COPPER
EPA 200.7 REV 4.4	IRON	EPA 200.7 REV 4.4	MAGNESIUM
EPA 200.7 REV 4.4	NICKEL	EPA 200.7 REV 4.4	ZINC
EPA 335.4 REV 1.0 (AS SEAL EPA-130-A)	CYANIDE	EPA 353.2 REV 2 (AS SEAL EPA-115-A)	NITRITE AS N
EPA 353.2 REV 2 (AS SEAL EPA-126-A)	NITRATE AS N	EPA 353.2 REV 2 (AS SEAL EPA-126-A)	NITRATE/NITRITE
EPA 365.1 REV 2 (AS SEAL EPA-118-A)	ORTHOPHOSPHATE AS P	EPA 524.2 REV 4.1	BROMODICHLOROMETHANE
EPA 524.2 REV 4.1	BROMOFORM	EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE
EPA 524.2 REV 4.1	CHLOROFORM	EPA 524.2 REV 4.1	TOTAL TRIHALOMETHANES (TTHMS)

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READYCULT®	ESCHERICHIA COLI	READYCULT®	TOTAL COLIFORMS
SM 2120 B-2011	COLOR	SM 2130 B-2011	TURBIDITY
SM 2320 B-2011	ALKALINITY AS CaCO ₃	SM 2510 B-2011	CONDUCTIVITY
SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)	SM 4500-CL G-2011	TOTAL RESIDUAL CHLORINE
SM 4500-CL ⁻ B-2011	CHLORIDE	SM 4500-F ⁻ C-2011	FLUORIDE
SM 4500-H+ B-2011	PH	SM 9215 B-2004	HETEROTROPHIC PLATE COUNT
SM 9223 COLILERT	ESCHERICHIA COLI	SM 9223 COLILERT	TOTAL COLIFORMS
MPN		MPN	

Environmental Monitoring, Inc. Norton, VA Certificate No.: 9643	Phone: (276) 679-6544 DCLS Lab ID: 460038 Certificate Expiration Date: 06/14/2019
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Method	Analyte	Method	Analyte
EPA 200.7 REV 4.4	ALUMINUM	EPA 200.7 REV 4.4	BARIUM
EPA 200.7 REV 4.4	BERYLLIUM	EPA 200.7 REV 4.4	CADMIUM
EPA 200.7 REV 4.4	CALCIUM	EPA 200.7 REV 4.4	CHROMIUM
EPA 200.7 REV 4.4	COPPER	EPA 200.7 REV 4.4	IRON
EPA 200.7 REV 4.4	MAGNESIUM	EPA 200.7 REV 4.4	MANGANESE
EPA 200.7 REV 4.4	NICKEL	EPA 200.7 REV 4.4	SILVER
EPA 200.7 REV 4.4	SODIUM	EPA 200.7 REV 4.4	ZINC
EPA 200.8 REV 5.4	ARSENIC	EPA 200.8 REV 5.4	BARIUM
EPA 200.8 REV 5.4	BERYLLIUM	EPA 200.8 REV 5.4	CADMIUM
EPA 200.8 REV 5.4	CHROMIUM	EPA 200.8 REV 5.4	COPPER
EPA 200.8 REV 5.4	LEAD	EPA 200.8 REV 5.4	NICKEL
EPA 200.8 REV 5.4	SELENIUM	EPA 200.8 REV 5.4	SILVER
EPA 200.8 REV 5.4	ZINC	EPA 300.0 REV 2.1	CHLORIDE
EPA 300.0 REV 2.1	FLUORIDE	EPA 300.0 REV 2.1	NITRATE AS N
EPA 300.0 REV 2.1	NITRITE AS N	EPA 300.0 REV 2.1	SULFATE
SM 2320 B-2011	ALKALINITY AS CaCO ₃	SM 2510 B-2011	CONDUCTIVITY
SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)	SM 9223 COLILERT	ESCHERICHIA COLI
		MPN	
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

BWXT Lynchburg Technology Center Lynchburg, VA Certificate No.: 9755	Phone: (434) 522-5116 DCLS Lab ID: 460127 Certificate Expiration Date: 06/14/2019
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Method	Analyte	Method	Analyte
EPA 900.0	GROSS ALPHA	EPA 900.0	GROSS BETA
EPA 901.1	BARIUM-133	EPA 901.1	CESIUM-134
EPA 901.1	CESIUM-137	EPA 901.1	COBALT-60
EPA 901.1	ZINC 65	EPA 906.0	TRITIUM

EnviroCompliance Laboratories, Inc. - Verona Verona, VA Certificate No.: 10122	Phone: (804) 550-3971 DCLS Lab ID: 460129 Certificate Expiration Date: 06/14/2019
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Method	Analyte	Method	Analyte
EPA 300.0 REV 2.1	NITRATE AS N	M-COLIBLUE24®	ESCHERICHIA COLI
M-COLIBLUE24®	TOTAL COLIFORMS	SM 4500-CL G-2011	TOTAL RESIDUAL CHLORINE

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SM 4500-H+ B-2011

PH

SM 4500-NO₂⁻ B-2011

NITRITE AS N

Pace Analytical National Center for Testing & Innovation

Mount Juliet, TN

Certificate No.: 10123

Certificate Expiration Date: 06/14/2019

Phone: (615) 773-9755

DCLS Lab ID: 460132

Method	Analyte	Method	Analyte
ASTM D5174-97	URANIUM	EPA 150.1	PH
EPA 1622	CRYPTOSPORIDIUM	EPA 1623	CRYPTOSPORIDIUM
EPA 180.1 REV 2	TURBIDITY	EPA 200.7 REV 4.4	ALUMINUM
EPA 200.7 REV 4.4	BARIUM	EPA 200.7 REV 4.4	BERYLLIUM
EPA 200.7 REV 4.4	CADMIUM	EPA 200.7 REV 4.4	CALCIUM
EPA 200.7 REV 4.4	CHROMIUM	EPA 200.7 REV 4.4	COPPER
EPA 200.7 REV 4.4	IRON	EPA 200.7 REV 4.4	MAGNESIUM
EPA 200.7 REV 4.4	MANGANESE	EPA 200.7 REV 4.4	NICKEL
EPA 200.7 REV 4.4	SILVER	EPA 200.7 REV 4.4	SODIUM
EPA 200.7 REV 4.4	ZINC	EPA 200.8 REV 5.4	ANTIMONY
EPA 200.8 REV 5.4	ARSENIC	EPA 200.8 REV 5.4	BARIUM
EPA 200.8 REV 5.4	BERYLLIUM	EPA 200.8 REV 5.4	CADMIUM
EPA 200.8 REV 5.4	CHROMIUM	EPA 200.8 REV 5.4	COPPER
EPA 200.8 REV 5.4	LEAD	EPA 200.8 REV 5.4	MANGANESE
EPA 200.8 REV 5.4	NICKEL	EPA 200.8 REV 5.4	SELENIUM
EPA 200.8 REV 5.4	SILVER	EPA 200.8 REV 5.4	THALLIUM
EPA 200.8 REV 5.4	ZINC	EPA 245.1 REV 3	MERCURY
EPA 300.0 REV 2.1	BROMIDE	EPA 300.0 REV 2.1	CHLORIDE
EPA 300.0 REV 2.1	FLUORIDE	EPA 300.0 REV 2.1	NITRATE AS N
EPA 300.0 REV 2.1	NITRITE AS N	EPA 300.0 REV 2.1	SULFATE
EPA 335.4 REV 1.0	CYANIDE	EPA 353.2 REV 2	NITRATE AS N
EPA 353.2 REV 2	NITRITE AS N	EPA 504.1 REV 1.1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
EPA 504.1 REV 1.1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)	EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE
EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE	EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)
EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)	EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE
EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)	EPA 524.2 REV 4.1	BENZENE
EPA 524.2 REV 4.1	BROMODICHLOROMETHANE	EPA 524.2 REV 4.1	BROMOFORM
EPA 524.2 REV 4.1	CARBON TETRACHLORIDE	EPA 524.2 REV 4.1	CHLOROBENZENE
EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE	EPA 524.2 REV 4.1	CHLOROFORM
EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE	EPA 524.2 REV 4.1	ETHYLBENZENE
EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)	EPA 524.2 REV 4.1	STYRENE
EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)	EPA 524.2 REV 4.1	TOLUENE
EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE	EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)
EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)	EPA 524.2 REV 4.1	XYLENE (TOTAL)
EPA 552.2 REV 1	BROMOACETIC ACID	EPA 552.2 REV 1	CHLOROACETIC ACID
EPA 552.2 REV 1	DIBROMOACETIC ACID	EPA 552.2 REV 1	DICHLOROACETIC ACID
EPA 552.2 REV 1	TRICHLOROACETIC ACID (TCAA)	EPA 900.0	GROSS ALPHA
EPA 900.0	GROSS BETA	EPA 901.1	GAMMA EMITTERS
EPA 904.0	RADIUM-228	EPA 905.0	STRONTIUM-90
SM 2120 B-2011	COLOR	SM 2130 B-2011	TURBIDITY
SM 2150 B-2011	ODOR	SM 2320 B-2011	ALKALINITY AS CaCO ₃
SM 2510 B-2011	CONDUCTIVITY	SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)

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SM 4110 B-2011	CHLORIDE	SM 4110 B-2011	FLUORIDE
SM 4110 B-2011	NITRATE AS N	SM 4110 B-2011	NITRITE AS N
SM 4110 B-2011	SULFATE	SM 4500-CL G-2011	RESIDUAL FREE CHLORINE
SM 4500-CL G-2011	TOTAL RESIDUAL CHLORINE	SM 4500-CN ⁻ C-2011	PREP: CYANIDE DISTILLATION
SM 4500-CN ⁻ G-2011	AMENABLE CYANIDE	SM 4500-H+ B-2011	PH
SM 4500-P E-2011	ORTHOPHOSPHATE AS P	SM 5310 C-2011	DISSOLVED ORGANIC CARBON (DOC)
SM 5310 C-2011	TOTAL ORGANIC CARBON (TOC)	SM 5540 C-2011	SURFACTANTS - MBAS
SM 5910 B-2011	UV 254	SM 7500-RA B (GPC) -2011	RADIUM-226
SM 9223 COLILERT MPN	ESCHERICHIA COLI	SM 9223 COLILERT P/A	ESCHERICHIA COLI
SM 9223 COLILERT P/A	TOTAL COLIFORMS		

Schneider Laboratories Global, Inc.
Richmond, VA

Phone: (804) 353-6778
DCLS Lab ID: 460135

Certificate No.: 10212

Certificate Expiration Date: 03/14/2020

Method	Analyte	Method	Analyte
EPA 200.7 REV 4.4	ALUMINUM	EPA 200.7 REV 4.4	BARIUM
EPA 200.7 REV 4.4	CADMIUM	EPA 200.7 REV 4.4	CALCIUM
EPA 200.7 REV 4.4	CHROMIUM	EPA 200.7 REV 4.4	COPPER
EPA 200.7 REV 4.4	IRON	EPA 200.7 REV 4.4	MAGNESIUM
EPA 200.7 REV 4.4	MANGANESE	EPA 200.7 REV 4.4	NICKEL
EPA 200.7 REV 4.4	SILVER	EPA 200.7 REV 4.4	ZINC
EPA 200.9 REV 2.2	ANTIMONY	EPA 200.9 REV 2.2	ARSENIC
EPA 200.9 REV 2.2	BERYLLIUM	EPA 200.9 REV 2.2	CADMIUM
EPA 200.9 REV 2.2	CHROMIUM	EPA 200.9 REV 2.2	COPPER
EPA 200.9 REV 2.2	LEAD	EPA 200.9 REV 2.2	MANGANESE
EPA 200.9 REV 2.2	SILVER	EPA 200.9 REV 2.2	THALLIUM
EPA 245.1 REV 3	MERCURY	EPA 300.0 REV 2.1	CHLORIDE
EPA 300.0 REV 2.1	FLUORIDE	EPA 300.0 REV 2.1	NITRATE AS N
EPA 300.0 REV 2.1	NITRATE/NITRITE	EPA 300.0 REV 2.1	NITRITE AS N
SM 9223 COLILERT MPN	ESCHERICHIA COLI	SM 9223 COLILERT MPN	TOTAL COLIFORMS
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

Summit Environmental Technologies, Inc.
Cuyahoga Falls, OH

Phone: (330) 253-8211
DCLS Lab ID: 460141

Certificate No.: 10081

Certificate Expiration Date: 06/14/2019

Method	Analyte	Method	Analyte
EPA 1613	2,3,7,8-TETRACHLORODIBENZO- P-DIOXIN (2,3,7,8-TCDD)	EPA 200.7 REV 4.4	ALUMINUM
EPA 200.7 REV 4.4	BARIUM	EPA 200.7 REV 4.4	BERYLLIUM
EPA 200.7 REV 4.4	CADMIUM	EPA 200.7 REV 4.4	CALCIUM
EPA 200.7 REV 4.4	CHROMIUM	EPA 200.7 REV 4.4	COPPER
EPA 200.7 REV 4.4	IRON	EPA 200.7 REV 4.4	MANGANESE
EPA 200.7 REV 4.4	NICKEL	EPA 200.7 REV 4.4	SILVER
EPA 200.7 REV 4.4	SODIUM	EPA 200.7 REV 4.4	ZINC
EPA 200.8 REV 5.4	ALUMINUM	EPA 200.8 REV 5.4	ANTIMONY
EPA 200.8 REV 5.4	ARSENIC	EPA 200.8 REV 5.4	BARIUM
EPA 200.8 REV 5.4	BERYLLIUM	EPA 200.8 REV 5.4	CADMIUM
EPA 200.8 REV 5.4	CHROMIUM	EPA 200.8 REV 5.4	COPPER
EPA 200.8 REV 5.4	LEAD	EPA 200.8 REV 5.4	MANGANESE

**Accredited Laboratories
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EPA 200.8 REV 5.4	NICKEL	EPA 200.8 REV 5.4	SELENIUM
EPA 200.8 REV 5.4	SILVER	EPA 200.8 REV 5.4	THALLIUM
EPA 200.8 REV 5.4	URANIUM	EPA 200.8 REV 5.4	ZINC
EPA 245.1 REV 3	MERCURY	EPA 300.0 REV 2.1	BROMIDE
EPA 300.0 REV 2.1	CHLORIDE	EPA 300.0 REV 2.1	FLUORIDE
EPA 300.0 REV 2.1	NITRATE AS N	EPA 300.0 REV 2.1	NITRITE AS N
EPA 300.0 REV 2.1	ORTHOPHOSPHATE AS P	EPA 300.0 REV 2.1	SULFATE
EPA 300.1	BROMATE	EPA 300.1	BROMIDE
EPA 300.1	CHLORITE	SM 2320 B-2011	ALKALINITY AS CaCO ₃
SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)	SM 4500-CN ⁻ E-2011	CYANIDE
SM 5310 B-2011	TOTAL ORGANIC CARBON (TOC)		

Willoughby & Associates, Inc.

Forest, VA

Certificate No.: 10168

Certificate Expiration Date: 03/14/2020

Phone: (434) 534-9834

DCLS Lab ID: 460143

Method	Analyte	Method	Analyte
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

Environmental Conservation Laboratories, Inc. - Cary

Cary, NC

Certificate No.: 10029

Certificate Expiration Date: 06/14/2019

Phone: (919) 467-3090

DCLS Lab ID: 460146

Method	Analyte	Method	Analyte
EPA 180.1 REV 2	TURBIDITY	EPA 200.7 REV 4.4	ALUMINUM
EPA 200.7 REV 4.4	BARIUM	EPA 200.7 REV 4.4	BERYLLIUM
EPA 200.7 REV 4.4	CADMIUM	EPA 200.7 REV 4.4	CALCIUM
EPA 200.7 REV 4.4	CHROMIUM	EPA 200.7 REV 4.4	COPPER
EPA 200.7 REV 4.4	IRON	EPA 200.7 REV 4.4	MAGNESIUM
EPA 200.7 REV 4.4	MANGANESE	EPA 200.7 REV 4.4	NICKEL
EPA 200.7 REV 4.4	SILICA AS SiO ₂	EPA 200.7 REV 4.4	SILVER
EPA 200.7 REV 4.4	SODIUM	EPA 200.7 REV 4.4	ZINC
EPA 200.8 REV 5.4	ALUMINUM	EPA 200.8 REV 5.4	ANTIMONY
EPA 200.8 REV 5.4	ARSENIC	EPA 200.8 REV 5.4	BARIUM
EPA 200.8 REV 5.4	BERYLLIUM	EPA 200.8 REV 5.4	CADMIUM
EPA 200.8 REV 5.4	CHROMIUM	EPA 200.8 REV 5.4	COPPER
EPA 200.8 REV 5.4	LEAD	EPA 200.8 REV 5.4	MANGANESE
EPA 200.8 REV 5.4	NICKEL	EPA 200.8 REV 5.4	SELENIUM
EPA 200.8 REV 5.4	SILVER	EPA 200.8 REV 5.4	THALLIUM
EPA 200.8 REV 5.4	URANIUM	EPA 200.8 REV 5.4	ZINC
EPA 245.1 REV 3	MERCURY	EPA 300.0 REV 2.1	BROMIDE
EPA 300.0 REV 2.1	CHLORIDE	EPA 300.0 REV 2.1	FLUORIDE
EPA 300.0 REV 2.1	NITRATE AS N	EPA 300.0 REV 2.1	NITRATE/NITRITE
EPA 300.0 REV 2.1	NITRITE AS N	EPA 300.0 REV 2.1	ORTHOPHOSPHATE AS P
EPA 300.0 REV 2.1	SULFATE	EPA 335.4 REV 1.0 (AS SEAL EPA-130-A)	CYANIDE
EPA 353.2 REV 2	NITRATE AS N	EPA 353.2 REV 2	NITRATE/NITRITE
EPA 353.2 REV 2	NITRITE AS N	EPA 365.1 REV 2 (AS SEAL EPA-118-A)	ORTHOPHOSPHATE AS P
EPA 504.1 REV 1.1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	EPA 504.1 REV 1.1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)
EPA 505 REV 2.1	ALACHLOR	EPA 505 REV 2.1	ATRAZINE
EPA 505 REV 2.1	CHLORDANE, TOTAL	EPA 505 REV 2.1	ENDRIN

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EPA 505 REV 2.1	GAMMA-BHC (LINDANE, GAMMA-HEXACHLOROCYCLOHEXANE)	EPA 505 REV 2.1	HEPTACHLOR
EPA 505 REV 2.1	HEPTACHLOR EPOXIDE	EPA 505 REV 2.1	HEXACHLOROBENZENE
EPA 505 REV 2.1	HEXACHLOROCYCLOPENTADIENE	EPA 505 REV 2.1	METHOXYCHLOR
EPA 505 REV 2.1	SIMAZINE	EPA 505 REV 2.1	TOXAPHENE (CHLORINATED CAMPHENE)
EPA 515.4 REV 1	2,4-D	EPA 515.4 REV 1	DALAPON
EPA 515.4 REV 1	DINOSEB (2-SEC-BUTYL-4,6-DINITROPHENOL, DNBP)	EPA 515.4 REV 1	PENTACHLOROPHENOL
EPA 515.4 REV 1	PICLORAM	EPA 515.4 REV 1	SILVEX (2,4,5-TP)
EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE	EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE
EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)	EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)
EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE	EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)
EPA 524.2 REV 4.1	BENZENE	EPA 524.2 REV 4.1	BROMODICHLOROMETHANE
EPA 524.2 REV 4.1	BROMOFORM	EPA 524.2 REV 4.1	CARBON TETRACHLORIDE
EPA 524.2 REV 4.1	CHLOROBENZENE	EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE
EPA 524.2 REV 4.1	CHLOROFORM	EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE
EPA 524.2 REV 4.1	ETHYLBENZENE	EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)
EPA 524.2 REV 4.1	STYRENE	EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)
EPA 524.2 REV 4.1	TOLUENE	EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE
EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)	EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)
EPA 524.2 REV 4.1	XYLENE (TOTAL)	EPA 525.2 REV 2	BENZO(A)PYRENE
EPA 525.2 REV 2	BIS(2-ETHYLHEXYL) PHTHALATE (DI(2-ETHYLHEXYL)PHTHALATE), (DEHP)	EPA 525.2 REV 2	BIS(2-ETHYLHEXYL)ADIPATE (DI(2-ETHYLHEXYL)ADIPATE)
EPA 531.1 REV 3.1	CARBOFURAN (FURADEN)	EPA 531.1 REV 3.1	OXAMYL
EPA 552.2 REV 1	BROMOACETIC ACID	EPA 552.2 REV 1	CHLOROACETIC ACID
EPA 552.2 REV 1	DIBROMOACETIC ACID	EPA 552.2 REV 1	DICHLOROACETIC ACID
EPA 552.2 REV 1	HALOACETIC ACIDS - FIVE (HAA5)	EPA 552.2 REV 1	TRICHLOROACETIC ACID (TCAA)
MODIFIED COLITAG®	ESCHERICHIA COLI	MODIFIED COLITAG®	TOTAL COLIFORMS
SM 2120 B-2011	COLOR	SM 2130 B-2011	TURBIDITY
SM 2320 B-2011	ALKALINITY AS CaCO ₃	SM 2510 B-2011	CONDUCTIVITY
SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)	SM 4500-CN ⁻ E-2011	CYANIDE
SM 4500-H+ B-2011	PH	SM 4500-NO ₃ ⁻ F-2011	NITRATE AS N
SM 4500-NO ₃ ⁻ F-2011	NITRATE/NITRITE	SM 4500-NO ₃ ⁻ F-2011	NITRITE AS N
SM 9223 COLISURE®	ESCHERICHIA COLI	SM 9223 COLISURE®	TOTAL COLIFORMS

Pace Analytical Services, LLC - Beaver WV
Beaver, WV

Phone: (304) 255-2500
DCLS Lab ID: 460148

Certificate No.: 10095

Certificate Expiration Date: 06/14/2019

Method	Analyte	Method	Analyte
EPA 180.1 REV 2	TURBIDITY	EPA 200.7 REV 4.4	ALUMINUM
EPA 200.7 REV 4.4	CALCIUM	EPA 200.7 REV 4.4	IRON
EPA 200.7 REV 4.4	MAGNESIUM	EPA 200.7 REV 4.4	MANGANESE
EPA 200.7 REV 4.4	NICKEL	EPA 200.7 REV 4.4	SILVER
EPA 200.7 REV 4.4	ZINC	EPA 200.8 REV 5.4	MANGANESE
EPA 200.8 REV 5.4	NICKEL	EPA 200.8 REV 5.4	SILVER
EPA 200.8 REV 5.4	ZINC	EPA 300.0 REV 2.1	CHLORIDE
EPA 300.0 REV 2.1	ORTHOPHOSPHATE AS P	EPA 300.0 REV 2.1	SULFATE
SM 2120 B-2011	COLOR	SM 2320 B-2011	ALKALINITY AS CaCO ₃
SM 2510 B-2011	CONDUCTIVITY	SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)
SM 4500-H+ B-2011	PH	SM 5310 C-2011	TOTAL ORGANIC CARBON (TOC)

**Accredited Laboratories
with Drinking Water Fields of Accreditation
1 VAC 30 Chapter 46
Effective: 03/22/2019**

Pace Analytical Services, LLC - Lexington VA
Lexington, VA

Phone:
DCLS Lab ID: 460150

Certificate No.: 10170

Certificate Expiration Date: 03/14/2020

Method	Analyte	Method	Analyte
SIMPLATE	HETEROTROPHIC PLATE COUNT	SM 9223 COLISURE®	ESCHERICHIA COLI
SM 9223 COLISURE®	TOTAL COLIFORMS		

Testamerica Nashville
Nashville, TN

Phone: (615) 301-5739
DCLS Lab ID: 460152

Certificate No.: 10164

Certificate Expiration Date: 06/14/2019

Method	Analyte	Method	Analyte
EPA 200.7 REV 4.4	ALUMINUM	EPA 200.7 REV 4.4	BARIUM
EPA 200.7 REV 4.4	BERYLLIUM	EPA 200.7 REV 4.4	CADMIUM
EPA 200.7 REV 4.4	CALCIUM	EPA 200.7 REV 4.4	CHROMIUM
EPA 200.7 REV 4.4	COPPER	EPA 200.7 REV 4.4	IRON
EPA 200.7 REV 4.4	MAGNESIUM	EPA 200.7 REV 4.4	MANGANESE
EPA 200.7 REV 4.4	NICKEL	EPA 200.7 REV 4.4	SILVER
EPA 200.7 REV 4.4	SODIUM	EPA 200.7 REV 4.4	ZINC
EPA 245.1 REV 3	MERCURY	EPA 300.0 REV 2.1	CHLORIDE
EPA 300.0 REV 2.1	FLUORIDE	EPA 300.0 REV 2.1	NITRATE AS N
EPA 300.0 REV 2.1	NITRITE AS N	EPA 300.0 REV 2.1	SULFATE
EPA 335.4 REV 1.0	CYANIDE	EPA 353.2 REV 2	NITRATE AS N
EPA 353.2 REV 2	NITRITE AS N	EPA 504.1 REV 1.1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
EPA 504.1 REV 1.1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)	EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE
EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE	EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)
EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)	EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE
EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)	EPA 524.2 REV 4.1	BENZENE
EPA 524.2 REV 4.1	BROMODICHLOROMETHANE	EPA 524.2 REV 4.1	BROMOFORM
EPA 524.2 REV 4.1	CARBON TETRACHLORIDE	EPA 524.2 REV 4.1	CHLOROBENZENE
EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE	EPA 524.2 REV 4.1	CHLOROFORM
EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE	EPA 524.2 REV 4.1	ETHYLBENZENE
EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)	EPA 524.2 REV 4.1	STYRENE
EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)	EPA 524.2 REV 4.1	TOLUENE
EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE	EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)
EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)	EPA 524.2 REV 4.1	XYLENE (TOTAL)
SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)	SM 4110 B-2011	FLUORIDE
SM 4110 B-2011	NITRATE AS N	SM 4110 B-2011	NITRITE AS N
SM 4110 B-2011	SULFATE		

Phase Separation Science, Inc
Baltimore, MD

Phone: (410) 747-8770
DCLS Lab ID: 460156

Certificate No.: 10066

Certificate Expiration Date: 06/14/2019

Method	Analyte	Method	Analyte
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**Accredited Laboratories
with Drinking Water Fields of Accreditation
1 VAC 30 Chapter 46
Effective: 03/22/2019**

EPA 180.1 REV 2	TURBIDITY	EPA 200.8 REV 5.4	ALUMINUM
EPA 200.8 REV 5.4	ANTIMONY	EPA 200.8 REV 5.4	ARSENIC
EPA 200.8 REV 5.4	BARIUM	EPA 200.8 REV 5.4	BERYLLIUM
EPA 200.8 REV 5.4	CADMIUM	EPA 200.8 REV 5.4	CHROMIUM
EPA 200.8 REV 5.4	COPPER	EPA 200.8 REV 5.4	LEAD
EPA 200.8 REV 5.4	MANGANESE	EPA 200.8 REV 5.4	MERCURY
EPA 200.8 REV 5.4	NICKEL	EPA 200.8 REV 5.4	SELENIUM
EPA 200.8 REV 5.4	SILVER	EPA 200.8 REV 5.4	THALLIUM
EPA 200.8 REV 5.4	ZINC	EPA 300.0 REV 2.1	CHLORIDE
EPA 300.0 REV 2.1	FLUORIDE	EPA 300.0 REV 2.1	NITRATE AS N
EPA 300.0 REV 2.1	NITRITE AS N	EPA 300.0 REV 2.1	SULFATE
EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE	EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE
EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)	EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)
EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE	EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)
EPA 524.2 REV 4.1	BENZENE	EPA 524.2 REV 4.1	BROMODICHLOROMETHANE
EPA 524.2 REV 4.1	BROMOFORM	EPA 524.2 REV 4.1	CARBON TETRACHLORIDE
EPA 524.2 REV 4.1	CHLOROBENZENE	EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE
EPA 524.2 REV 4.1	CHLOROFORM	EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE
EPA 524.2 REV 4.1	ETHYLBENZENE	EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)
EPA 524.2 REV 4.1	STYRENE	EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)
EPA 524.2 REV 4.1	TOLUENE	EPA 524.2 REV 4.1	TOTAL TRIHALOMETHANES (TTHMS)
EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE	EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)
EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)	EPA 524.2 REV 4.1	XYLENE (TOTAL)
SM 2320 B-2011	ALKALINITY AS CaCO ₃	SM 2510 B-2011	CONDUCTIVITY
SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)	SM 4500-CL G-2011	RESIDUAL FREE CHLORINE
SM 4500-CL G-2011	TOTAL RESIDUAL CHLORINE	SM 4500-CN ⁻ E-2011	CYANIDE
SM 4500-H+ B-2011	PH		

ALS Environmental- Middletown

Middletown, PA

Certificate No.: 10191

Certificate Expiration Date: 06/14/2019

Phone: (717) 944-5541

DCLS Lab ID: 460157

Method	Analyte	Method	Analyte
EPA 200.7 REV 4.4	ALUMINUM	EPA 200.7 REV 4.4	BARIUM
EPA 200.7 REV 4.4	CADMIUM	EPA 200.7 REV 4.4	CALCIUM
EPA 200.7 REV 4.4	CHROMIUM	EPA 200.7 REV 4.4	COPPER
EPA 200.7 REV 4.4	IRON	EPA 200.7 REV 4.4	MAGNESIUM
EPA 200.7 REV 4.4	MANGANESE	EPA 200.7 REV 4.4	NICKEL
EPA 200.7 REV 4.4	SILVER	EPA 200.7 REV 4.4	SODIUM
EPA 200.7 REV 4.4	ZINC	EPA 200.8 REV 5.4	ALUMINUM
EPA 200.8 REV 5.4	ANTIMONY	EPA 200.8 REV 5.4	ARSENIC
EPA 200.8 REV 5.4	BARIUM	EPA 200.8 REV 5.4	BERYLLIUM
EPA 200.8 REV 5.4	CADMIUM	EPA 200.8 REV 5.4	CHROMIUM
EPA 200.8 REV 5.4	COPPER	EPA 200.8 REV 5.4	LEAD
EPA 200.8 REV 5.4	MANGANESE	EPA 200.8 REV 5.4	MERCURY
EPA 200.8 REV 5.4	NICKEL	EPA 200.8 REV 5.4	SELENIUM
EPA 200.8 REV 5.4	SILVER	EPA 200.8 REV 5.4	THALLIUM
EPA 200.8 REV 5.4	URANIUM	EPA 200.8 REV 5.4	ZINC
EPA 245.1 REV 3	MERCURY	EPA 300.0 REV 2.1	BROMIDE
EPA 300.0 REV 2.1	CHLORIDE	EPA 300.0 REV 2.1	FLUORIDE

**Accredited Laboratories
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EPA 300.0 REV 2.1	NITRATE AS N	EPA 300.0 REV 2.1	NITRATE/NITRITE
EPA 300.0 REV 2.1	NITRITE AS N	EPA 300.0 REV 2.1	SULFATE
EPA 300.1	BROMATE	EPA 300.1	BROMIDE
EPA 300.1	CHLORITE	EPA 335.4 REV 1.0	CYANIDE
EPA 353.2 REV 2	NITRATE/NITRITE	EPA 504.1 REV 1.1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
EPA 504.1 REV 1.1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)	EPA 505 REV 2.1	ALACHLOR
EPA 505 REV 2.1	AROCLOR-1016 (PCB-1016)	EPA 505 REV 2.1	AROCLOR-1221 (PCB-1221)
EPA 505 REV 2.1	AROCLOR-1232 (PCB-1232)	EPA 505 REV 2.1	AROCLOR-1242 (PCB-1242)
EPA 505 REV 2.1	AROCLOR-1248 (PCB-1248)	EPA 505 REV 2.1	AROCLOR-1254 (PCB-1254)
EPA 505 REV 2.1	AROCLOR-1260 (PCB-1260)	EPA 505 REV 2.1	CHLORDANE, TOTAL
EPA 505 REV 2.1	ENDRIN	EPA 505 REV 2.1	GAMMA-BHC (LINDANE, GAMMA-HEXACHLOROCYCLOHEXANE)
EPA 505 REV 2.1	HEPTACHLOR	EPA 505 REV 2.1	HEPTACHLOR EPOXIDE
EPA 505 REV 2.1	HEXACHLOROBENZENE	EPA 505 REV 2.1	HEXACHLOROCYCLOPENTADIENE
EPA 505 REV 2.1	METHOXYCHLOR	EPA 505 REV 2.1	TOXAPHENE (CHLORINATED CAMPHENE)
EPA 515.3 REV 1	2,4-D	EPA 515.3 REV 1	DALAPON
EPA 515.3 REV 1	DINOSEB	EPA 515.3 REV 1	PENTACHLOROPHENOL
EPA 515.3 REV 1	(2-SEC-BUTYL-4,6-DINITROPHENOL, DNBP)		
EPA 515.3 REV 1	PICLORAM	EPA 515.3 REV 1	SILVEX (2,4,5-TP)
EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE	EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE
EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)	EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)
EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE	EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)
EPA 524.2 REV 4.1	BENZENE	EPA 524.2 REV 4.1	BROMODICHLOROMETHANE
EPA 524.2 REV 4.1	BROMOFORM	EPA 524.2 REV 4.1	CARBON TETRACHLORIDE
EPA 524.2 REV 4.1	CHLOROBENZENE	EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE
EPA 524.2 REV 4.1	CHLOROFORM	EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE
EPA 524.2 REV 4.1	ETHYLBENZENE	EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)
EPA 524.2 REV 4.1	STYRENE	EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)
EPA 524.2 REV 4.1	TOLUENE	EPA 524.2 REV 4.1	TOTAL TRIHALOMETHANES (TTHMS)
EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE	EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)
EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)	EPA 524.2 REV 4.1	XYLENE (TOTAL)
EPA 525.2 REV 2	ALACHLOR	EPA 525.2 REV 2	ATRAZINE
EPA 525.2 REV 2	BENZO(A)PYRENE	EPA 525.2 REV 2	BIS(2-ETHYLHEXYL) PHTHALATE (DI(2-ETHYLHEXYL)PHTHALATE), (DEHP)
EPA 525.2 REV 2	BIS(2-ETHYLHEXYL)ADIPATE (DI(2-ETHYLHEXYL)ADIPATE)	EPA 525.2 REV 2	ENDRIN
EPA 525.2 REV 2	GAMMA-BHC (LINDANE, GAMMA-HEXACHLOROCYCLOHEXANE)	EPA 525.2 REV 2	HEPTACHLOR
EPA 525.2 REV 2	HEPTACHLOR EPOXIDE	EPA 525.2 REV 2	HEXACHLOROBENZENE
EPA 525.2 REV 2	HEXACHLOROCYCLOPENTADIENE	EPA 525.2 REV 2	METHOXYCHLOR
EPA 525.2 REV 2	SIMAZINE	EPA 531.1 REV 3.1	CARBOFURAN (FURADEN)
EPA 531.1 REV 3.1	OXAMYL	EPA 547	GLYPHOSATE
EPA 548.1 REV 1	ENDOTHALL	EPA 549.2 REV 1	DIQUAT
EPA 552.2 REV 1	BROMOACETIC ACID	EPA 552.2 REV 1	CHLOROACETIC ACID
EPA 552.2 REV 1	DIBROMOACETIC ACID	EPA 552.2 REV 1	DICHLOROACETIC ACID
EPA 552.2 REV 1	HALOACETIC ACIDS - FIVE (HAA5)	EPA 552.2 REV 1	TRICHLOROACETIC ACID (TCAA)
KELADA-01	CYANIDE	SM 2120 B-2011	COLOR
SM 2130 B-2011	TURBIDITY	SM 2150 B-2011	ODOR
SM 2320 B-2011	ALKALINITY AS CaCO3	SM 2510 B-2011	CONDUCTIVITY
SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)	SM 4500-CL G-2011	RESIDUAL FREE CHLORINE
SM 4500-CL G-2011	TOTAL RESIDUAL CHLORINE	SM 4500-CN ⁻ G-2011	AMENABLE CYANIDE
SM 4500-H+ B-2011	PH	SM 4500-NO2 ⁻ B-2011	NITRITE AS N
SM 4500-P E-2011	ORTHOPHOSPHATE AS P	SM 4500-SIO2 C-2011	SILICA AS SIO2
SM 5310 B-2011	DISSOLVED ORGANIC CARBON (DOC)	SM 5310 B-2011	TOTAL ORGANIC CARBON (TOC)

Accredited Laboratories
with Drinking Water Fields of Accreditation
1 VAC 30 Chapter 46
Effective: 03/22/2019

SM 5540 C-2011

SURFACTANTS - MBAS

SM 5910 B-2011

UV 254

Analytix Corporation
 Ashland, VA

Phone: (804) 365-3000
 DCLS Lab ID: 460160

Certificate No.: 10202

Certificate Expiration Date: 03/14/2020

Method	Analyte	Method	Analyte
EPA 180.1 REV 2	TURBIDITY	EPA 200.7 REV 4.4	ALUMINUM
EPA 200.7 REV 4.4	BARIUM	EPA 200.7 REV 4.4	CALCIUM
EPA 200.7 REV 4.4	CHROMIUM	EPA 200.7 REV 4.4	COPPER
EPA 200.7 REV 4.4	IRON	EPA 200.7 REV 4.4	MAGNESIUM
EPA 200.7 REV 4.4	MANGANESE	EPA 200.7 REV 4.4	NICKEL
EPA 200.7 REV 4.4	SILVER	EPA 200.7 REV 4.4	SODIUM
EPA 200.7 REV 4.4	ZINC	EPA 200.8 REV 5.4	ALUMINUM
EPA 200.8 REV 5.4	ANTIMONY	EPA 200.8 REV 5.4	ARSENIC
EPA 200.8 REV 5.4	BARIUM	EPA 200.8 REV 5.4	BERYLLIUM
EPA 200.8 REV 5.4	CADMIUM	EPA 200.8 REV 5.4	CHROMIUM
EPA 200.8 REV 5.4	COPPER	EPA 200.8 REV 5.4	LEAD
EPA 200.8 REV 5.4	MANGANESE	EPA 200.8 REV 5.4	MERCURY
EPA 200.8 REV 5.4	NICKEL	EPA 200.8 REV 5.4	SELENIUM
EPA 200.8 REV 5.4	SILVER	EPA 200.8 REV 5.4	THALLIUM
EPA 200.8 REV 5.4	ZINC	EPA 245.2	MERCURY
EPA 300.0 REV 2.1	CHLORIDE	EPA 300.0 REV 2.1	FLUORIDE
EPA 300.0 REV 2.1	NITRATE AS N	EPA 300.0 REV 2.1	NITRITE AS N
EPA 300.0 REV 2.1	ORTHOPHOSPHATE AS P	EPA 300.0 REV 2.1	SULFATE
EPA 365.1 REV 2 (AS HACH 8048)	ORTHOPHOSPHATE AS P	EPA 504.1 REV 1.1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
EPA 504.1 REV 1.1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)	EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE
EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE	EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)
EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)	EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE
EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)	EPA 524.2 REV 4.1	BENZENE
EPA 524.2 REV 4.1	BROMODICHLOROMETHANE	EPA 524.2 REV 4.1	BROMOFORM
EPA 524.2 REV 4.1	CARBON TETRACHLORIDE	EPA 524.2 REV 4.1	CHLOROBENZENE
EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE	EPA 524.2 REV 4.1	CHLOROFORM
EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE	EPA 524.2 REV 4.1	ETHYLBENZENE
EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)	EPA 524.2 REV 4.1	STYRENE
EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)	EPA 524.2 REV 4.1	TOLUENE
EPA 524.2 REV 4.1	TOTAL TRIHALOMETHANES (TTHMS)	EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE
EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)	EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)
EPA 524.2 REV 4.1	XYLENE (TOTAL)	SM 2120 B-2011	COLOR
SM 2320 B-2011	ALKALINITY AS CaCO ₃	SM 2510 B-2011	CONDUCTIVITY
SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)	SM 4500-CN ⁻ C-2011	PREP: CYANIDE DISTILLATION
SM 4500-CN ⁻ E-2011	CYANIDE	SM 4500-H ⁺ B-2011	PH
SM 4500-NO ₂ ⁻ B-2011	NITRITE AS N	SM 4500-NO ₃ ⁻ F-2011	NITRATE AS N
SM 4500-NO ₃ ⁻ F-2011 (AS ASTORIA A173)	NITRATE/NITRITE	SM 9215 B-2004	HETEROTROPHIC PLATE COUNT
SM 9223 COLILERT-18 MPN	ESCHERICHIA COLI	SM 9223 COLILERT-18 MPN	TOTAL COLIFORMS
SM 9223 COLISURE®	ESCHERICHIA COLI	SM 9223 COLISURE®	TOTAL COLIFORMS

Accredited Laboratories
with Drinking Water Fields of Accreditation
1 VAC 30 Chapter 46
Effective: 03/22/2019

Testamerica Laboratories, Inc. - Savannah
Savannah, GA

Phone: (912) 354-7858
DCLS Lab ID: 460161

Certificate No.: 10045

Certificate Expiration Date: 06/14/2019

Method	Analyte	Method	Analyte
EPA 150.1	PH	EPA 180.1 REV 2	TURBIDITY
EPA 200.7 REV 4.4	ALUMINUM	EPA 200.7 REV 4.4	BARIUM
EPA 200.7 REV 4.4	BERYLLIUM	EPA 200.7 REV 4.4	CADMIUM
EPA 200.7 REV 4.4	CALCIUM	EPA 200.7 REV 4.4	CHROMIUM
EPA 200.7 REV 4.4	COPPER	EPA 200.7 REV 4.4	IRON
EPA 200.7 REV 4.4	MAGNESIUM	EPA 200.7 REV 4.4	MANGANESE
EPA 200.7 REV 4.4	NICKEL	EPA 200.7 REV 4.4	SILICA AS SIO2
EPA 200.7 REV 4.4	SILVER	EPA 200.7 REV 4.4	SODIUM
EPA 200.7 REV 4.4	ZINC	EPA 200.8 REV 5.4	ALUMINUM
EPA 200.8 REV 5.4	ANTIMONY	EPA 200.8 REV 5.4	ARSENIC
EPA 200.8 REV 5.4	BARIUM	EPA 200.8 REV 5.4	BERYLLIUM
EPA 200.8 REV 5.4	CADMIUM	EPA 200.8 REV 5.4	CHROMIUM
EPA 200.8 REV 5.4	COPPER	EPA 200.8 REV 5.4	LEAD
EPA 200.8 REV 5.4	MANGANESE	EPA 200.8 REV 5.4	NICKEL
EPA 200.8 REV 5.4	SELENIUM	EPA 200.8 REV 5.4	SILVER
EPA 200.8 REV 5.4	THALLIUM	EPA 200.8 REV 5.4	ZINC
EPA 245.1 REV 3	MERCURY	EPA 300.0 REV 2.1	CHLORIDE
EPA 300.0 REV 2.1	FLUORIDE	EPA 300.0 REV 2.1	NITRATE AS N
EPA 300.0 REV 2.1	NITRATE/NITRITE	EPA 300.0 REV 2.1	NITRITE AS N
EPA 300.0 REV 2.1	SULFATE	EPA 300.1	BROMATE
EPA 300.1	BROMIDE	EPA 300.1	CHLORITE
EPA 335.4 REV 1.0	CYANIDE	EPA 353.2 REV 2	NITRATE AS N
EPA 353.2 REV 2	NITRATE/NITRITE	EPA 353.2 REV 2	NITRITE AS N
EPA 365.1 REV 2	ORTHOPHOSPHATE AS P	EPA 504.1 REV 1.1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
EPA 504.1 REV 1.1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)	EPA 508 REV 3.1	CHLORDANE, TOTAL
EPA 508 REV 3.1	ENDRIN	EPA 508 REV 3.1	GAMMA-BHC (LINDANE, GAMMA-HEXACHLOROCYCLOHEXANE)
EPA 508 REV 3.1	HEPTACHLOR	EPA 508 REV 3.1	HEPTACHLOR EPOXIDE
EPA 508 REV 3.1	METHOXYCHLOR	EPA 508 REV 3.1	PCBS, AS AROCLORS
EPA 508 REV 3.1	TOXAPHENE (CHLORINATED CAMPHENE)	EPA 515.1 REV 4	2,4-D
EPA 515.1 REV 4	DALAPON	EPA 515.1 REV 4	DINOSEB (2-SEC-BUTYL-4,6-DINITROPHENOL, DNBP)
EPA 515.1 REV 4	PENTACHLOROPHENOL	EPA 515.1 REV 4	PICLORAM
EPA 515.1 REV 4	SILVEX (2,4,5-TP)	EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE
EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE	EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)
EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)	EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE
EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)	EPA 524.2 REV 4.1	BENZENE
EPA 524.2 REV 4.1	BROMODICHLOROMETHANE	EPA 524.2 REV 4.1	BROMOFORM
EPA 524.2 REV 4.1	CARBON TETRACHLORIDE	EPA 524.2 REV 4.1	CHLOROBENZENE
EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE	EPA 524.2 REV 4.1	CHLOROFORM
EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE	EPA 524.2 REV 4.1	ETHYLBENZENE
EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)	EPA 524.2 REV 4.1	STYRENE
EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)	EPA 524.2 REV 4.1	TOLUENE
EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE	EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)
EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)	EPA 524.2 REV 4.1	XYLENE (TOTAL)

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Effective: 03/22/2019

EPA 525.2 REV 2	ALACHLOR	EPA 525.2 REV 2	ATRAZINE
EPA 525.2 REV 2	BENZO(A)PYRENE	EPA 525.2 REV 2	BIS(2-ETHYLHEXYL) PHTHALATE (DI(2-ETHYLHEXYL)PHTHALATE), (DEHP)
EPA 525.2 REV 2	BIS(2-ETHYLHEXYL)ADIPATE (DI(2-ETHYLHEXYL)ADIPATE)	EPA 525.2 REV 2	ENDRIN
EPA 525.2 REV 2	GAMMA-BHC (LINDANE, GAMMA-HEXACHLOROCYCLOHEXANE)	EPA 525.2 REV 2	HEPTACHLOR
EPA 525.2 REV 2	HEPTACHLOR EPOXIDE	EPA 525.2 REV 2	HEXACHLOROBENZENE
EPA 525.2 REV 2	HEXACHLOROCYCLOPENTADIENE	EPA 525.2 REV 2	METHOXYCHLOR
EPA 525.2 REV 2	SIMAZINE	EPA 531.1 REV 3.1	CARBOFURAN (FURADEN)
EPA 531.1 REV 3.1	OXAMYL	EPA 547	GLYPHOSATE
EPA 548.1 REV 1	ENDOTHALL	EPA 549.2 REV 1	DIQUAT
EPA 552.2 REV 1	BROMOACETIC ACID	EPA 552.2 REV 1	CHLOROACETIC ACID
EPA 552.2 REV 1	DIBROMOACETIC ACID	EPA 552.2 REV 1	DICHLOROACETIC ACID
EPA 552.2 REV 1	HALOACETIC ACIDS - FIVE (HAA5)	EPA 552.2 REV 1	TRICHLOROACETIC ACID (TCAA)
SM 2120 B-2011	COLOR	SM 2130 B-2011	TURBIDITY
SM 2150 B-2011	ODOR	SM 2320 B-2011	ALKALINITY AS CaCO ₃
SM 2510 B-2011	CONDUCTIVITY	SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)
SM 4500-CN ⁻ E-2011	CYANIDE	SM 4500-CN ⁻ G-2011	AMENABLE CYANIDE
SM 4500-H+ B-2011	PH	SM 5310 B-2011	DISSOLVED ORGANIC CARBON (DOC)
SM 5310 B-2011	TOTAL ORGANIC CARBON (TOC)	SM 5910 B-2011	UV 254

Geochemical Testing

Somerset, PA

Certificate No.: 10217

Certificate Expiration Date: 06/14/2019

Phone: (814) 443-1671

DCLS Lab ID: 460162

Method	Analyte	Method	Analyte
EPA 180.1 REV 2	TURBIDITY	EPA 200.7 REV 4.4	ALUMINUM
EPA 200.7 REV 4.4	BARIUM	EPA 200.7 REV 4.4	CADMIUM
EPA 200.7 REV 4.4	CHROMIUM	EPA 200.7 REV 4.4	COPPER
EPA 200.7 REV 4.4	IRON	EPA 200.7 REV 4.4	MANGANESE
EPA 200.7 REV 4.4	NICKEL	EPA 200.7 REV 4.4	SILVER
EPA 200.7 REV 4.4	SODIUM	EPA 200.7 REV 4.4	ZINC
EPA 200.8 REV 5.4	ANTIMONY	EPA 200.8 REV 5.4	ARSENIC
EPA 200.8 REV 5.4	BARIUM	EPA 200.8 REV 5.4	BERYLLIUM
EPA 200.8 REV 5.4	CADMIUM	EPA 200.8 REV 5.4	CHROMIUM
EPA 200.8 REV 5.4	COPPER	EPA 200.8 REV 5.4	LEAD
EPA 200.8 REV 5.4	NICKEL	EPA 200.8 REV 5.4	SELENIUM
EPA 200.8 REV 5.4	SILVER	EPA 200.8 REV 5.4	THALLIUM
EPA 300.0 REV 2.1	FLUORIDE	EPA 300.0 REV 2.1	NITRATE AS N
EPA 300.0 REV 2.1	NITRITE AS N	EPA 300.0 REV 2.1	SULFATE
EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE	EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE
EPA 524.2 REV 4.1	1,2-DICHLOROETHYLENE (O-DICHLOROETHYLENE)	EPA 524.2 REV 4.1	1,2-DICHLOROETHYLENE (ETHYLENE DICHLORIDE)
EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE	EPA 524.2 REV 4.1	1,4-DICHLOROETHYLENE (P-DICHLOROETHYLENE)
EPA 524.2 REV 4.1	BENZENE	EPA 524.2 REV 4.1	BROMODICHLOROMETHANE
EPA 524.2 REV 4.1	BROMOFORM	EPA 524.2 REV 4.1	CARBON TETRACHLORIDE
EPA 524.2 REV 4.1	CHLOROETHYLENE	EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE
EPA 524.2 REV 4.1	CHLOROFORM	EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE
EPA 524.2 REV 4.1	ETHYLBENZENE	EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)
EPA 524.2 REV 4.1	STYRENE	EPA 524.2 REV 4.1	TETRACHLOROETHYLENE (PERCHLOROETHYLENE)
EPA 524.2 REV 4.1	TOLUENE	EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHYLENE
EPA 524.2 REV 4.1	TRICHLOROETHYLENE (TRICHLOROETHYLENE)	EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHYLENE)

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EPA 524.2 REV 4.1	XYLENE (TOTAL)	EPA 552.2 REV 1	BROMOACETIC ACID
EPA 552.2 REV 1	CHLOROACETIC ACID	EPA 552.2 REV 1	DIBROMOACETIC ACID
EPA 552.2 REV 1	DICHLOROACETIC ACID	EPA 552.2 REV 1	TRICHLOROACETIC ACID (TCAA)
SM 2320 B-2011	ALKALINITY AS CaCO ₃	SM 2510 B-2011	CONDUCTIVITY
SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)	SM 3112 B-2011	MERCURY
SM 4500-H+ B-2011	PH	SM 4500-NO ₂ ⁻ B-2011	NITRITE AS N
SM 5310 C-2011	TOTAL ORGANIC CARBON (TOC)		

Pace Analytical Services, LLC-Minneapolis MN
Minneapolis, MN

Phone: (612) 607-6352
DCLS Lab ID: 460163

Certificate No.: 9681

Certificate Expiration Date: 06/14/2019

Method	Analyte	Method	Analyte
EPA 1613	2,3,7,8-TETRACHLORODIBENZO- P-DIOXIN (2,3,7,8-TCDD)	EPA 200.8 REV 5.4	ALUMINUM
EPA 200.8 REV 5.4	ANTIMONY	EPA 200.8 REV 5.4	ARSENIC
EPA 200.8 REV 5.4	BARIUM	EPA 200.8 REV 5.4	BERYLLIUM
EPA 200.8 REV 5.4	CADMIUM	EPA 200.8 REV 5.4	CHROMIUM
EPA 200.8 REV 5.4	COPPER	EPA 200.8 REV 5.4	LEAD
EPA 200.8 REV 5.4	MANGANESE	EPA 200.8 REV 5.4	NICKEL
EPA 200.8 REV 5.4	SELENIUM	EPA 200.8 REV 5.4	SILVER
EPA 200.8 REV 5.4	THALLIUM	EPA 200.8 REV 5.4	URANIUM
EPA 200.8 REV 5.4	ZINC	EPA 245.1 REV 3	MERCURY

Pace Analytical Services, LLC- Ormond Beach FL
Ormond Beach, FL

Phone: (386) 676-4803
DCLS Lab ID: 460165

Certificate No.: 10126

Certificate Expiration Date: 06/14/2019

Method	Analyte	Method	Analyte
EPA 180.1 REV 2	TURBIDITY	EPA 200.7 REV 4.4	ALUMINUM
EPA 200.7 REV 4.4	BARIUM	EPA 200.7 REV 4.4	BERYLLIUM
EPA 200.7 REV 4.4	CADMIUM	EPA 200.7 REV 4.4	CALCIUM
EPA 200.7 REV 4.4	CHROMIUM	EPA 200.7 REV 4.4	COPPER
EPA 200.7 REV 4.4	IRON	EPA 200.7 REV 4.4	MAGNESIUM
EPA 200.7 REV 4.4	MANGANESE	EPA 200.7 REV 4.4	NICKEL
EPA 200.7 REV 4.4	SILICA AS SiO ₂	EPA 200.7 REV 4.4	SILVER
EPA 200.7 REV 4.4	SODIUM	EPA 200.7 REV 4.4	ZINC
EPA 200.8 REV 5.4	ALUMINUM	EPA 200.8 REV 5.4	ANTIMONY
EPA 200.8 REV 5.4	ARSENIC	EPA 200.8 REV 5.4	BARIUM
EPA 200.8 REV 5.4	BERYLLIUM	EPA 200.8 REV 5.4	CADMIUM
EPA 200.8 REV 5.4	CHROMIUM	EPA 200.8 REV 5.4	COPPER
EPA 200.8 REV 5.4	LEAD	EPA 200.8 REV 5.4	MANGANESE
EPA 200.8 REV 5.4	NICKEL	EPA 200.8 REV 5.4	SELENIUM
EPA 200.8 REV 5.4	SILVER	EPA 200.8 REV 5.4	THALLIUM
EPA 200.8 REV 5.4	URANIUM	EPA 200.8 REV 5.4	ZINC
EPA 245.1 REV 3	MERCURY	EPA 300.0 REV 2.1	BROMIDE
EPA 300.0 REV 2.1	CHLORIDE	EPA 300.0 REV 2.1	FLUORIDE
EPA 300.0 REV 2.1	NITRATE AS N	EPA 300.0 REV 2.1	NITRATE/NITRITE
EPA 300.0 REV 2.1	NITRITE AS N	EPA 300.0 REV 2.1	ORTHOPHOSPHATE AS P
EPA 300.0 REV 2.1	SULFATE	EPA 300.1	BROMATE
EPA 300.1	BROMIDE	EPA 300.1	CHLORITE
EPA 335.4 REV 1.0	CYANIDE	EPA 353.2 REV 2	NITRATE AS N
EPA 353.2 REV 2	NITRATE/NITRITE	EPA 353.2 REV 2	NITRITE AS N

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1 VAC 30 Chapter 46
Effective: 03/22/2019**

EPA 365.1 REV 2	ORTHOPHOSPHATE AS P	EPA 504.1 REV 1.1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
EPA 504.1 REV 1.1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)	EPA 508.1 REV 2	ALACHLOR
EPA 508.1 REV 2	AROCLOR-1016 (PCB-1016)	EPA 508.1 REV 2	AROCLOR-1221 (PCB-1221)
EPA 508.1 REV 2	AROCLOR-1232 (PCB-1232)	EPA 508.1 REV 2	AROCLOR-1242 (PCB-1242)
EPA 508.1 REV 2	AROCLOR-1248 (PCB-1248)	EPA 508.1 REV 2	AROCLOR-1254 (PCB-1254)
EPA 508.1 REV 2	AROCLOR-1260 (PCB-1260)	EPA 508.1 REV 2	CHLORDANE, TOTAL
EPA 508.1 REV 2	ENDRIN	EPA 508.1 REV 2	GAMMA-BHC (LINDANE, GAMMA-HEXACHLOROCYCLOHEXANE)
EPA 508.1 REV 2	HEPTACHLOR	EPA 508.1 REV 2	HEPTACHLOR EPOXIDE
EPA 508.1 REV 2	HEXACHLOROBENZENE	EPA 508.1 REV 2	HEXACHLOROCYCLOPENTADIENE
EPA 508.1 REV 2	METHOXYCHLOR	EPA 508.1 REV 2	SIMAZINE
EPA 508.1 REV 2	TOXAPHENE (CHLORINATED CAMPHENE)	EPA 515.3 REV 1	2,4-D
EPA 515.3 REV 1	DALAPON	EPA 515.3 REV 1	DINOSEB (2-SEC-BUTYL-4,6-DINITROPHENOL, DNBP)
EPA 515.3 REV 1	PENTACHLOROPHENOL	EPA 515.3 REV 1	PICLORAM
EPA 515.3 REV 1	SILVEX (2,4,5-TP)	EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE
EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE	EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)
EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)	EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE
EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)	EPA 524.2 REV 4.1	BENZENE
EPA 524.2 REV 4.1	BROMODICHLOROMETHANE	EPA 524.2 REV 4.1	BROMOFORM
EPA 524.2 REV 4.1	CARBON TETRACHLORIDE	EPA 524.2 REV 4.1	CHLOROBENZENE
EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE	EPA 524.2 REV 4.1	CHLOROFORM
EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE	EPA 524.2 REV 4.1	ETHYLBENZENE
EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)	EPA 524.2 REV 4.1	STYRENE
EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)	EPA 524.2 REV 4.1	TOLUENE
EPA 524.2 REV 4.1	TOTAL TRIHALOMETHANES (TTHMS)	EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE
EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)	EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)
EPA 524.2 REV 4.1	XYLENE (TOTAL)	EPA 525.2 REV 2	ATRAZINE
EPA 525.2 REV 2	BENZO(A)PYRENE	EPA 525.2 REV 2	BIS(2-ETHYLHEXYL) PHTHALATE (DI(2-ETHYLHEXYL)PHTHALATE), (DEHP)
EPA 525.2 REV 2	BIS(2-ETHYLHEXYL)ADIPATE (DI(2-ETHYLHEXYL)ADIPATE)	EPA 531.1 REV 3.1	CARBOFURAN (FURADEN)
EPA 531.1 REV 3.1	OXAMYL	EPA 531.2 REV 1	CARBOFURAN (FURADEN)
EPA 531.2 REV 1	OXAMYL	EPA 547	GLYPHOSATE
EPA 548.1 REV 1	ENDOTHALL	EPA 549.2 REV 1	DIQUAT
EPA 552.2 REV 1	BROMOACETIC ACID	EPA 552.2 REV 1	CHLOROACETIC ACID
EPA 552.2 REV 1	DIBROMOACETIC ACID	EPA 552.2 REV 1	DICHLOROACETIC ACID
EPA 552.2 REV 1	HALOACETIC ACIDS - FIVE (HAA5)	EPA 552.2 REV 1	TRICHLOROACETIC ACID (TCAA)
EPA 552.3 REV 1	BROMOACETIC ACID	EPA 552.3 REV 1	CHLOROACETIC ACID
EPA 552.3 REV 1	DIBROMOACETIC ACID	EPA 552.3 REV 1	DICHLOROACETIC ACID
EPA 552.3 REV 1	HALOACETIC ACIDS - FIVE (HAA5)	EPA 552.3 REV 1	TRICHLOROACETIC ACID (TCAA)
SM 2120 B-2011	COLOR	SM 2150 B-2011	ODOR
SM 2320 B-2011	ALKALINITY AS CaCO3	SM 2510 B-2011	CONDUCTIVITY
SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)	SM 5310 B-2011	DISSOLVED ORGANIC CARBON (DOC)
SM 5310 B-2011	TOTAL ORGANIC CARBON (TOC)	SM 5540 C-2011	SURFACTANTS - MBAS
SM 5910 B-2011	UV 254		

**Accredited Laboratories
with Drinking Water Fields of Accreditation
1 VAC 30 Chapter 46
Effective: 03/22/2019**

ALS Environmental - Rochester

Rochester, NY

Certificate No.: 10118

Phone: (585) 288-5380

DCLS Lab ID: 460167

Certificate Expiration Date: 06/14/2019

Method	Analyte	Method	Analyte
EPA 180.1 REV 2	TURBIDITY	EPA 200.7 REV 4.4	CHROMIUM
EPA 200.7 REV 4.4	COPPER	EPA 200.7 REV 4.4	IRON
EPA 200.7 REV 4.4	MANGANESE	EPA 200.7 REV 4.4	SILVER
EPA 200.7 REV 4.4	SODIUM	EPA 200.7 REV 4.4	ZINC
EPA 200.8 REV 5.4	ANTIMONY	EPA 200.8 REV 5.4	ARSENIC
EPA 200.8 REV 5.4	BARIUM	EPA 200.8 REV 5.4	BERYLLIUM
EPA 200.8 REV 5.4	CADMIUM	EPA 200.8 REV 5.4	CHROMIUM
EPA 200.8 REV 5.4	COPPER	EPA 200.8 REV 5.4	LEAD
EPA 200.8 REV 5.4	MANGANESE	EPA 200.8 REV 5.4	NICKEL
EPA 200.8 REV 5.4	SELENIUM	EPA 200.8 REV 5.4	SILVER
EPA 200.8 REV 5.4	THALLIUM	EPA 200.8 REV 5.4	ZINC
EPA 245.1 REV 3	MERCURY	EPA 300.0 REV 2.1	CHLORIDE
EPA 300.0 REV 2.1	FLUORIDE	EPA 300.0 REV 2.1	SULFATE
EPA 335.4 REV 1.0	CYANIDE	EPA 353.2 REV 2	NITRATE AS N
EPA 353.2 REV 2	NITRITE AS N	EPA 365.1 REV 2	ORTHOPHOSPHATE AS P
EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE	EPA 524.2 REV 4.1	1,2,4-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,2-DICHLOROETHYLENE (O-DICHLOROETHYLENE)	EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)
EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE	EPA 524.2 REV 4.1	1,4-DICHLOROETHYLENE (P-DICHLOROETHYLENE)
EPA 524.2 REV 4.1	BENZENE	EPA 524.2 REV 4.1	BROMODICHLOROMETHANE
EPA 524.2 REV 4.1	BROMOFORM	EPA 524.2 REV 4.1	CARBON TETRACHLORIDE
EPA 524.2 REV 4.1	CHLOROETHYLENE	EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE
EPA 524.2 REV 4.1	CHLOROFORM	EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE
EPA 524.2 REV 4.1	ETHYLBENZENE	EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)
EPA 524.2 REV 4.1	STYRENE	EPA 524.2 REV 4.1	TETRACHLOROETHYLENE (PERCHLOROETHYLENE)
EPA 524.2 REV 4.1	TOLUENE	EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHYLENE
EPA 524.2 REV 4.1	TRICHLOROETHYLENE (TRICHLOROETHYLENE)	EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHYLENE)
EPA 524.2 REV 4.1	XYLENE (TOTAL)	SM 2120 B-2011	COLOR
SM 2320 B-2011	ALKALINITY AS CaCO3	SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)
SM 5310 C-2011	TOTAL ORGANIC CARBON (TOC)		

Environmental Hazards Services, L L C

Richmond, VA

Certificate No.: 10048

Phone: (804) 275-4788

DCLS Lab ID: 460172

Certificate Expiration Date: 12/14/2019

Method	Analyte	Method	Analyte
SM 3113 B-2010	COPPER	SM 3113 B-2010	LEAD

SGS - Dayton

Dayton, NJ

Certificate No.: 10133

Phone: (732) 329-0200

DCLS Lab ID: 460174

Certificate Expiration Date: 09/14/2019

Method	Analyte	Method	Analyte
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**Accredited Laboratories
with Drinking Water Fields of Accreditation
1 VAC 30 Chapter 46
Effective: 03/22/2019**

EPA 180.1 REV 2	TURBIDITY	EPA 200.7 REV 4.4	ALUMINUM
EPA 200.7 REV 4.4	BARIUM	EPA 200.7 REV 4.4	BERYLLIUM
EPA 200.7 REV 4.4	CADMIUM	EPA 200.7 REV 4.4	CHROMIUM
EPA 200.7 REV 4.4	COPPER	EPA 200.7 REV 4.4	IRON
EPA 200.7 REV 4.4	MAGNESIUM	EPA 200.7 REV 4.4	MANGANESE
EPA 200.7 REV 4.4	NICKEL	EPA 200.7 REV 4.4	SILICA AS SIO ₂
EPA 200.7 REV 4.4	SILVER	EPA 200.7 REV 4.4	SODIUM
EPA 200.7 REV 4.4	ZINC	EPA 200.8 REV 5.4	ALUMINUM
EPA 200.8 REV 5.4	ANTIMONY	EPA 200.8 REV 5.4	ARSENIC
EPA 200.8 REV 5.4	BARIUM	EPA 200.8 REV 5.4	BERYLLIUM
EPA 200.8 REV 5.4	CADMIUM	EPA 200.8 REV 5.4	CHROMIUM
EPA 200.8 REV 5.4	COPPER	EPA 200.8 REV 5.4	LEAD
EPA 200.8 REV 5.4	MANGANESE	EPA 200.8 REV 5.4	NICKEL
EPA 200.8 REV 5.4	SELENIUM	EPA 200.8 REV 5.4	SILVER
EPA 200.8 REV 5.4	THALLIUM	EPA 200.8 REV 5.4	ZINC
EPA 245.1 REV 3	MERCURY	EPA 300.0 REV 2.1	CHLORIDE
EPA 300.0 REV 2.1	FLUORIDE	EPA 300.0 REV 2.1	SULFATE
EPA 335.4 REV 1.0	CYANIDE	EPA 353.2 REV 2	NITRATE AS N
EPA 504.1 REV 1.1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	EPA 504.1 REV 1.1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)
EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE	EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE
EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)	EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)
EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE	EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)
EPA 524.2 REV 4.1	BENZENE	EPA 524.2 REV 4.1	BROMODICHLOROMETHANE
EPA 524.2 REV 4.1	BROMOFORM	EPA 524.2 REV 4.1	CARBON TETRACHLORIDE
EPA 524.2 REV 4.1	CHLOROBENZENE	EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE
EPA 524.2 REV 4.1	CHLOROFORM	EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE
EPA 524.2 REV 4.1	ETHYLBENZENE	EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)
EPA 524.2 REV 4.1	STYRENE	EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)
EPA 524.2 REV 4.1	TOLUENE	EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE
EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)	EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)
EPA 524.2 REV 4.1	XYLENE (TOTAL)	SM 2120 B-2011	COLOR
SM 2150 B-2011	ODOR	SM 2320 B-2011	ALKALINITY AS CaCO ₃
SM 2510 B-2011	CONDUCTIVITY	SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)
SM 4500-H+ B-2011	PH	SM 4500-NO ₂ ⁻ B-2011	NITRITE AS N
SM 4500-P E-2011	ORTHOPHOSPHATE AS P	SM 5310 B-2011	DISSOLVED ORGANIC CARBON (DOC)
SM 5310 B-2011	TOTAL ORGANIC CARBON (TOC)	SM 5540 C-2011	SURFACTANTS - MBAS

Testamerica Laboratories Inc.- Knoxville
Knoxville, TN

Phone: (865) 291-3000
DCLS Lab ID: 460176

Certificate No.: 9941

Certificate Expiration Date: 09/14/2019

Method	Analyte
EPA 1613	2,3,7,8-TETRACHLORODIBENZO- P-DIOXIN (2,3,7,8-TCDD)

Method	Analyte
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**Accredited Laboratories
with Drinking Water Fields of Accreditation
1 VAC 30 Chapter 46
Effective: 03/22/2019**

SGS - Orlando Orlando, FL	Phone: (407) 425-6700 DCLS Lab ID: 460177
Certificate No.: 10034	Certificate Expiration Date: 09/14/2019

Method	Analyte	Method	Analyte
EPA 504.1 REV 1.1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	EPA 504.1 REV 1.1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)

Eurofins Lancaster Laboratories Environmental, LLC Lancaster, PA	Phone: (717) 556-7327 DCLS Lab ID: 460182
Certificate No.: 10208	Certificate Expiration Date: 06/14/2019

Method	Analyte	Method	Analyte
EPA 200.7 REV 4.4	ALUMINUM	EPA 200.7 REV 4.4	BARIUM
EPA 200.7 REV 4.4	CALCIUM	EPA 200.7 REV 4.4	CHROMIUM
EPA 200.7 REV 4.4	COPPER	EPA 200.7 REV 4.4	IRON
EPA 200.7 REV 4.4	MAGNESIUM	EPA 200.7 REV 4.4	MANGANESE
EPA 200.7 REV 4.4	NICKEL	EPA 200.7 REV 4.4	SILVER
EPA 200.7 REV 4.4	SODIUM	EPA 200.7 REV 4.4	ZINC
EPA 200.8 REV 5.4	ANTIMONY	EPA 200.8 REV 5.4	ARSENIC
EPA 200.8 REV 5.4	BERYLLIUM	EPA 200.8 REV 5.4	CADMIUM
EPA 200.8 REV 5.4	CHROMIUM	EPA 200.8 REV 5.4	COPPER
EPA 200.8 REV 5.4	IRON	EPA 200.8 REV 5.4	LEAD
EPA 200.8 REV 5.4	MANGANESE	EPA 200.8 REV 5.4	NICKEL
EPA 200.8 REV 5.4	SELENIUM	EPA 200.8 REV 5.4	THALLIUM
EPA 200.8 REV 5.4	ZINC	EPA 245.1 REV 3	MERCURY
EPA 300.0 REV 2.1	CHLORIDE	EPA 300.0 REV 2.1	FLUORIDE
EPA 300.0 REV 2.1	NITRATE AS N	EPA 300.0 REV 2.1	NITRITE AS N
EPA 300.0 REV 2.1	SULFATE	EPA 335.4 REV 1.0	CYANIDE
EPA 353.2 REV 2	NITRATE AS N	EPA 353.2 REV 2	NITRATE/NITRITE
EPA 353.2 REV 2	NITRITE AS N	EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE
EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE	EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)
EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)	EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE
EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)	EPA 524.2 REV 4.1	BENZENE
EPA 524.2 REV 4.1	BROMODICHLOROMETHANE	EPA 524.2 REV 4.1	BROMOFORM
EPA 524.2 REV 4.1	CARBON TETRACHLORIDE	EPA 524.2 REV 4.1	CHLOROBENZENE
EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE	EPA 524.2 REV 4.1	CHLOROFORM
EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE	EPA 524.2 REV 4.1	ETHYLBENZENE
EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)	EPA 524.2 REV 4.1	STYRENE
EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)	EPA 524.2 REV 4.1	TOLUENE
EPA 524.2 REV 4.1	TOTAL TRIHALOMETHANES (TTHMS)	EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE
EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)	EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)
EPA 524.2 REV 4.1	XYLENE (TOTAL)	EPA 525.2 REV 2	ALACHLOR
EPA 525.2 REV 2	ATRAZINE	EPA 525.2 REV 2	BENZO(A)PYRENE
EPA 525.2 REV 2	BIS(2-ETHYLHEXYL) PHTHALATE (DI(2-ETHYLHEXYL)PHTHALATE), (DEHP)	EPA 525.2 REV 2	BIS(2-ETHYLHEXYL)ADIPATE (DI(2-ETHYLHEXYL)ADIPATE)
EPA 525.2 REV 2	ENDRIN	EPA 525.2 REV 2	GAMMA-BHC (LINDANE, GAMMA-HEXACHLOROCYCLOHEXANE)
EPA 525.2 REV 2	HEPTACHLOR	EPA 525.2 REV 2	HEPTACHLOR EPOXIDE

**Accredited Laboratories
with Drinking Water Fields of Accreditation**

1 VAC 30 Chapter 46

Effective: 03/22/2019

EPA 525.2 REV 2	HEXACHLOROBENZENE	EPA 525.2 REV 2	HEXACHLOROCYCLOPENTADIENE
EPA 525.2 REV 2	METHOXYCHLOR	EPA 525.2 REV 2	SIMAZINE
EPA 531.1 REV 3.1	CARBOFURAN (FURADEN)	EPA 531.1 REV 3.1	OXAMYL
SM 2120 B-2011	COLOR	SM 2130 B-2011	TURBIDITY
SM 2320 B-2011	ALKALINITY AS CaCO ₃	SM 2510 B-2011	CONDUCTIVITY
SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)	SM 4500-F ⁻ C-2011	FLUORIDE
SM 4500-H+ B-2011	PH	SM 4500-P E-2011	ORTHOPHOSPHATE AS P
SM 5310 C-2011	TOTAL ORGANIC CARBON (TOC)	SM 5540 C-2011	SURFACTANTS - MBAS

E M S L Analytical, Inc.

Cinnaminson, NJ

Certificate No.: 10007

Phone: (856) 858-4800

DCLS Lab ID: 460184

Certificate Expiration Date: 09/14/2019

Method	Analyte	Method	Analyte
EPA 150.1	PH	EPA 1623.1	CRYPTOSPORIDIUM
EPA 180.1 REV 2	TURBIDITY	EPA 200.7 REV 4.4	ALUMINUM
EPA 200.7 REV 4.4	BARIUM	EPA 200.7 REV 4.4	CADMIUM
EPA 200.7 REV 4.4	CALCIUM	EPA 200.7 REV 4.4	CHROMIUM
EPA 200.7 REV 4.4	COPPER	EPA 200.7 REV 4.4	IRON
EPA 200.7 REV 4.4	MAGNESIUM	EPA 200.7 REV 4.4	MANGANESE
EPA 200.7 REV 4.4	NICKEL	EPA 200.7 REV 4.4	SILICA AS SiO ₂
EPA 200.7 REV 4.4	SILVER	EPA 200.7 REV 4.4	SODIUM
EPA 200.7 REV 4.4	ZINC	EPA 200.8 REV 5.4	ALUMINUM
EPA 200.8 REV 5.4	ANTIMONY	EPA 200.8 REV 5.4	ARSENIC
EPA 200.8 REV 5.4	BARIUM	EPA 200.8 REV 5.4	BERYLLIUM
EPA 200.8 REV 5.4	CADMIUM	EPA 200.8 REV 5.4	CHROMIUM
EPA 200.8 REV 5.4	COPPER	EPA 200.8 REV 5.4	LEAD
EPA 200.8 REV 5.4	MANGANESE	EPA 200.8 REV 5.4	NICKEL
EPA 200.8 REV 5.4	SELENIUM	EPA 200.8 REV 5.4	SILVER
EPA 200.8 REV 5.4	THALLIUM	EPA 200.8 REV 5.4	ZINC
EPA 200.9 REV 2.2	LEAD	EPA 245.1 REV 3	MERCURY
EPA 300.0 REV 2.1	BROMIDE	EPA 300.0 REV 2.1	CHLORIDE
EPA 300.0 REV 2.1	FLUORIDE	EPA 300.0 REV 2.1	NITRATE AS N
EPA 300.0 REV 2.1	NITRITE AS N	EPA 300.0 REV 2.1	ORTHOPHOSPHATE AS P
EPA 300.0 REV 2.1	SULFATE	EPA 504.1 REV 1.1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
EPA 504.1 REV 1.1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)	EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE
EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE	EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)
EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)	EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE
EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)	EPA 524.2 REV 4.1	BENZENE
EPA 524.2 REV 4.1	BROMODICHLOROMETHANE	EPA 524.2 REV 4.1	BROMOFORM
EPA 524.2 REV 4.1	CARBON TETRACHLORIDE	EPA 524.2 REV 4.1	CHLOROBENZENE
EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE	EPA 524.2 REV 4.1	CHLOROFORM
EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE	EPA 524.2 REV 4.1	ETHYLBENZENE
EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)	EPA 524.2 REV 4.1	STYRENE
EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)	EPA 524.2 REV 4.1	TOLUENE
EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE	EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)
EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)	EPA 524.2 REV 4.1	XYLENE (TOTAL)
EPA 900.0	GROSS ALPHA	EPA 900.0	GROSS BETA
EPA 903.0	RADIUM-226	EPA 904.0	RADIUM-228

**Accredited Laboratories
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Effective: 03/22/2019

EPA 906.0	TRITIUM	EPA 908.0	URANIUM
SM 2120 B-2011	COLOR	SM 2130 B-2011	TURBIDITY
SM 2320 B-2011	ALKALINITY AS CaCO ₃	SM 2510 B-2011	CONDUCTIVITY
SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)	SM 4500-CL G-2011	RESIDUAL FREE CHLORINE
SM 4500-CL G-2011	TOTAL RESIDUAL CHLORINE	SM 4500-CN ⁻ E-2011	CYANIDE
SM 4500-H+ B-2011	PH	SM 5540 C-2011	SURFACTANTS - MBAS

Testamerica Buffalo
Amherst, NY

Phone: (716) 504-9832
DCLS Lab ID: 460185

Certificate No.: 10180

Certificate Expiration Date: 09/14/2019

Method	Analyte	Method	Analyte
ASTM D516-11	SULFATE	EPA 180.1 REV 2	TURBIDITY
EPA 200.7 REV 4.4	ALUMINUM	EPA 200.7 REV 4.4	BARIUM
EPA 200.7 REV 4.4	BERYLLIUM	EPA 200.7 REV 4.4	CADMIUM
EPA 200.7 REV 4.4	CALCIUM	EPA 200.7 REV 4.4	CHROMIUM
EPA 200.7 REV 4.4	COPPER	EPA 200.7 REV 4.4	IRON
EPA 200.7 REV 4.4	MAGNESIUM	EPA 200.7 REV 4.4	MANGANESE
EPA 200.7 REV 4.4	NICKEL	EPA 200.7 REV 4.4	SILVER
EPA 200.7 REV 4.4	SODIUM	EPA 200.7 REV 4.4	ZINC
EPA 200.8 REV 5.4	ANTIMONY	EPA 200.8 REV 5.4	ARSENIC
EPA 200.8 REV 5.4	BARIUM	EPA 200.8 REV 5.4	BERYLLIUM
EPA 200.8 REV 5.4	CADMIUM	EPA 200.8 REV 5.4	CHROMIUM
EPA 200.8 REV 5.4	COPPER	EPA 200.8 REV 5.4	LEAD
EPA 200.8 REV 5.4	MANGANESE	EPA 200.8 REV 5.4	NICKEL
EPA 200.8 REV 5.4	SELENIUM	EPA 200.8 REV 5.4	SILVER
EPA 200.8 REV 5.4	THALLIUM	EPA 200.8 REV 5.4	ZINC
EPA 245.1 REV 3	MERCURY	EPA 300.0 REV 2.1	CHLORIDE
EPA 300.0 REV 2.1	FLUORIDE	EPA 300.0 REV 2.1	SULFATE
EPA 353.2 REV 2	NITRITE AS N	EPA 504.1 REV 1.1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
EPA 504.1 REV 1.1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)	EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE
EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE	EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)
EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)	EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE
EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)	EPA 524.2 REV 4.1	BENZENE
EPA 524.2 REV 4.1	BROMODICHLOROMETHANE	EPA 524.2 REV 4.1	BROMOFORM
EPA 524.2 REV 4.1	CARBON TETRACHLORIDE	EPA 524.2 REV 4.1	CHLOROBENZENE
EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE	EPA 524.2 REV 4.1	CHLOROFORM
EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE	EPA 524.2 REV 4.1	ETHYLBENZENE
EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)	EPA 524.2 REV 4.1	STYRENE
EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)	EPA 524.2 REV 4.1	TOLUENE
EPA 524.2 REV 4.1	TOTAL TRIHALOMETHANES (TTHMS)	EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE
EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)	EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)
EPA 524.2 REV 4.1	XYLENE (TOTAL)	EPA 548.1 REV 1	ENDOTHALL
SM 2120 B-2011	COLOR	SM 2320 B-2011	ALKALINITY AS CaCO ₃
SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)	SM 4110 B-2011	CHLORIDE
SM 4110 B-2011	FLUORIDE	SM 4110 B-2011	SULFATE
SM 4500-P E-2011	ORTHOPHOSPHATE AS P	SM 5310 C-2011	DISSOLVED ORGANIC CARBON (DOC)
SM 5310 C-2011	TOTAL ORGANIC CARBON (TOC)		

Accredited Laboratories
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Environmental Conservation Laboratories
Orlando, FL

Phone: (407) 826-5314
DCLS Lab ID: 460186

Certificate No.: 10060

Certificate Expiration Date: 09/14/2019

Method	Analyte	Method	Analyte
EPA 300.0 REV 2.1	BROMIDE	EPA 300.0 REV 2.1	FLUORIDE
EPA 300.0 REV 2.1	NITRATE AS N	EPA 300.0 REV 2.1	NITRATE/NITRITE
EPA 300.0 REV 2.1	NITRITE AS N	EPA 300.0 REV 2.1	ORTHOPHOSPHATE AS P
EPA 300.0 REV 2.1	SULFATE	EPA 365.1 REV 2	ORTHOPHOSPHATE AS P
SM 2120 B-2011	COLOR	SM 2150 B-2011	ODOR
SM 4500-H+ B-2011	PH	SM 5310 B-2011	DISSOLVED ORGANIC CARBON (DOC)
SM 5310 B-2011	TOTAL ORGANIC CARBON (TOC)	SM 5540 C-2011	SURFACTANTS - MBAS

Microbac Laboratories, Inc. - Marietta OH
Marietta, OH

Phone: (740) 373-4071
DCLS Lab ID: 460187

Certificate No.: 10130

Certificate Expiration Date: 09/14/2019

Method	Analyte	Method	Analyte
EPA 200.8 REV 5.4	URANIUM		

A L S Environmental -- Jacksonville
Jacksonville, FL

Phone: (904) 394-4415
DCLS Lab ID: 460191

Certificate No.: 10110

Certificate Expiration Date: 12/14/2019

Method	Analyte	Method	Analyte
EPA 180.1 REV 2	TURBIDITY	EPA 200.7 REV 4.4	ALUMINUM
EPA 200.7 REV 4.4	BARIUM	EPA 200.7 REV 4.4	CADMIUM
EPA 200.7 REV 4.4	CALCIUM	EPA 200.7 REV 4.4	CHROMIUM
EPA 200.7 REV 4.4	COPPER	EPA 200.7 REV 4.4	IRON
EPA 200.7 REV 4.4	MAGNESIUM	EPA 200.7 REV 4.4	MANGANESE
EPA 200.7 REV 4.4	NICKEL	EPA 200.7 REV 4.4	SILVER
EPA 200.7 REV 4.4	SODIUM	EPA 200.7 REV 4.4	ZINC
EPA 200.8 REV 5.4	ALUMINUM	EPA 200.8 REV 5.4	ANTIMONY
EPA 200.8 REV 5.4	ARSENIC	EPA 200.8 REV 5.4	BARIUM
EPA 200.8 REV 5.4	BERYLLIUM	EPA 200.8 REV 5.4	CADMIUM
EPA 200.8 REV 5.4	CHROMIUM	EPA 200.8 REV 5.4	COPPER
EPA 200.8 REV 5.4	LEAD	EPA 200.8 REV 5.4	MANGANESE
EPA 200.8 REV 5.4	NICKEL	EPA 200.8 REV 5.4	SELENIUM
EPA 200.8 REV 5.4	SILVER	EPA 200.8 REV 5.4	THALLIUM
EPA 200.8 REV 5.4	ZINC	EPA 245.1 REV 3	MERCURY
EPA 300.0 REV 2.1	CHLORIDE	EPA 300.0 REV 2.1	FLUORIDE
EPA 300.0 REV 2.1	NITRATE AS N	EPA 300.0 REV 2.1	NITRATE/NITRITE
EPA 300.0 REV 2.1	NITRITE AS N	EPA 300.0 REV 2.1	SULFATE
EPA 335.4 REV 1.0	CYANIDE	EPA 353.2 REV 2 (AS LACHAT 10-107-04-1-A)	NITRATE AS N
EPA 353.2 REV 2 (AS LACHAT 10-107-04-1-A)	NITRATE/NITRITE	EPA 353.2 REV 2 (AS LACHAT 10-107-04-1-A)	NITRITE AS N
EPA 504.1 REV 1.1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	EPA 504.1 REV 1.1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)
SM 2130 B-2011	TURBIDITY	SM 2320 B-2011	ALKALINITY AS CaCO3
SM 2510 B-2011	CONDUCTIVITY	SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)
SM 4500-CL G-2011	TOTAL RESIDUAL CHLORINE	SM 4500-CN ⁻ E-2011	CYANIDE

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SM 5310 B-2011

TOTAL ORGANIC CARBON (TOC)

SM 5540 C-2011

SURFACTANTS - MBAS

Alpha Analytical
Mansfield, MA

Phone: (508) 898-9220
DCLS Lab ID: 460194

Certificate No.: 10136

Certificate Expiration Date: 12/14/2019

Method	Analyte	Method	Analyte
EPA 200.7 REV 4.4	ALUMINUM	EPA 200.7 REV 4.4	BARIUM
EPA 200.7 REV 4.4	CADMIUM	EPA 200.7 REV 4.4	CALCIUM
EPA 200.7 REV 4.4	CHROMIUM	EPA 200.7 REV 4.4	COPPER
EPA 200.7 REV 4.4	IRON	EPA 200.7 REV 4.4	MAGNESIUM
EPA 200.7 REV 4.4	MANGANESE	EPA 200.7 REV 4.4	NICKEL
EPA 200.7 REV 4.4	SILVER	EPA 200.7 REV 4.4	SODIUM
EPA 200.7 REV 4.4	ZINC	EPA 200.8 REV 5.4	ALUMINUM
EPA 200.8 REV 5.4	ANTIMONY	EPA 200.8 REV 5.4	ARSENIC
EPA 200.8 REV 5.4	BARIUM	EPA 200.8 REV 5.4	BERYLLIUM
EPA 200.8 REV 5.4	CADMIUM	EPA 200.8 REV 5.4	CHROMIUM
EPA 200.8 REV 5.4	COPPER	EPA 200.8 REV 5.4	IRON
EPA 200.8 REV 5.4	LEAD	EPA 200.8 REV 5.4	MANGANESE
EPA 200.8 REV 5.4	NICKEL	EPA 200.8 REV 5.4	SELENIUM
EPA 200.8 REV 5.4	SILVER	EPA 200.8 REV 5.4	SODIUM
EPA 200.8 REV 5.4	THALLIUM	EPA 200.8 REV 5.4	ZINC
EPA 245.1 REV 3	MERCURY		

Alpha Analytical
Westborough, MA

Phone: (508) 898-9220
DCLS Lab ID: 460195

Certificate No.: 10144

Certificate Expiration Date: 12/14/2019

Method	Analyte	Method	Analyte
EPA 300.0 REV 2.1	BROMIDE	EPA 300.0 REV 2.1	CHLORIDE
EPA 300.0 REV 2.1	FLUORIDE	EPA 300.0 REV 2.1	NITRATE AS N
EPA 300.0 REV 2.1	SULFATE	EPA 353.2 REV 2	NITRATE AS N
EPA 353.2 REV 2	NITRITE AS N	EPA 504.1 REV 1.1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
EPA 504.1 REV 1.1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)	EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE
EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE	EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)
EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)	EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE
EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)	EPA 524.2 REV 4.1	BENZENE
EPA 524.2 REV 4.1	BROMODICHLOROMETHANE	EPA 524.2 REV 4.1	BROMOFORM
EPA 524.2 REV 4.1	CARBON TETRACHLORIDE	EPA 524.2 REV 4.1	CHLOROBENZENE
EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE	EPA 524.2 REV 4.1	CHLOROFORM
EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE	EPA 524.2 REV 4.1	ETHYLBENZENE
EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)	EPA 524.2 REV 4.1	STYRENE
EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)	EPA 524.2 REV 4.1	TOLUENE
EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE	EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)
EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)	EPA 524.2 REV 4.1	XYLENE (TOTAL)
SM 2120 B-2011	COLOR	SM 2320 B-2011	ALKALINITY AS CaCO ₃
SM 2510 B-2011	CONDUCTIVITY	SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)

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SM 4500-CN ⁻ E-2011	CYANIDE	SM 4500-F ⁻ C-2011	FLUORIDE
SM 4500-H+ B-2011	PH	SM 4500-NO ₃ ⁻ F-2011	NITRATE AS N
SM 4500-NO ₃ ⁻ F-2011	NITRITE AS N	SM 4500-P E-2011	ORTHOPHOSPHATE AS P
SM 5310 C-2011	DISSOLVED ORGANIC CARBON (DOC)	SM 5310 C-2011	TOTAL ORGANIC CARBON (TOC)

Pace Analytical Services, LLC - Pittsburgh PA
Greensburg, PA

Phone: (724) 850-5630
DCLS Lab ID: 460198

Certificate No.: 10017

Certificate Expiration Date: 12/14/2019

Method	Analyte	Method	Analyte
ASTM D5174-97	URANIUM	EPA 900.0	GROSS ALPHA
EPA 900.0	GROSS BETA	EPA 901.1	GAMMA EMITTERS
EPA 903.1	RADIUM-226	EPA 904.0	RADIUM-228
EPA 905.0	STRONTIUM-90	EPA 906.0	TRITIUM
SM 7110 C-2011	GROSS ALPHA		

GEL Laboratories, LLC
Charleston, SC

Phone: (843) 556-8171
DCLS Lab ID: 460202

Certificate No.: 10177

Certificate Expiration Date: 12/14/2019

Method	Analyte	Method	Analyte
ASTM D5174-02	URANIUM	EPA 00-02	GROSS ALPHA
EPA 200.7 REV 4.4	ALUMINUM	EPA 200.7 REV 4.4	BARIUM
EPA 200.7 REV 4.4	BERYLLIUM	EPA 200.7 REV 4.4	CADMIUM
EPA 200.7 REV 4.4	CALCIUM	EPA 200.7 REV 4.4	CHROMIUM
EPA 200.7 REV 4.4	COPPER	EPA 200.7 REV 4.4	IRON
EPA 200.7 REV 4.4	MANGANESE	EPA 200.7 REV 4.4	NICKEL
EPA 200.7 REV 4.4	SILICA AS SIO ₂	EPA 200.7 REV 4.4	SILVER
EPA 200.7 REV 4.4	SODIUM	EPA 200.7 REV 4.4	ZINC
EPA 200.8 REV 5.4	ALUMINUM	EPA 200.8 REV 5.4	ANTIMONY
EPA 200.8 REV 5.4	ARSENIC	EPA 200.8 REV 5.4	BARIUM
EPA 200.8 REV 5.4	BERYLLIUM	EPA 200.8 REV 5.4	CADMIUM
EPA 200.8 REV 5.4	CHROMIUM	EPA 200.8 REV 5.4	COPPER
EPA 200.8 REV 5.4	IRON	EPA 200.8 REV 5.4	LEAD
EPA 200.8 REV 5.4	MANGANESE	EPA 200.8 REV 5.4	NICKEL
EPA 200.8 REV 5.4	SELENIUM	EPA 200.8 REV 5.4	SILVER
EPA 200.8 REV 5.4	THALLIUM	EPA 200.8 REV 5.4	URANIUM
EPA 200.8 REV 5.4	ZINC	EPA 245.1 REV 3	MERCURY
EPA 245.2	MERCURY	EPA 300.0 REV 2.1	BROMIDE
EPA 300.0 REV 2.1	CHLORIDE	EPA 300.0 REV 2.1	FLUORIDE
EPA 300.0 REV 2.1	NITRATE AS N	EPA 300.0 REV 2.1	NITRATE/NITRITE
EPA 300.0 REV 2.1	NITRITE AS N	EPA 300.0 REV 2.1	ORTHOPHOSPHATE AS P
EPA 300.0 REV 2.1	SULFATE	EPA 353.2 REV 2	NITRATE/NITRITE
EPA 504.1 REV 1.1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	EPA 504.1 REV 1.1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)
EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE	EPA 524.2 REV 4.1	1,2,4-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,2-DICHLOROETHYLENE (O-DICHLOROETHYLENE)	EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)
EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE	EPA 524.2 REV 4.1	1,4-DICHLOROETHYLENE (P-DICHLOROETHYLENE)
EPA 524.2 REV 4.1	BENZENE	EPA 524.2 REV 4.1	BROMODICHLOROMETHANE
EPA 524.2 REV 4.1	BROMOFORM	EPA 524.2 REV 4.1	CARBON TETRACHLORIDE
EPA 524.2 REV 4.1	CHLOROETHYLENE	EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE

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EPA 524.2 REV 4.1	CHLOROFORM	EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE
EPA 524.2 REV 4.1	ETHYLBENZENE	EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)
EPA 524.2 REV 4.1	STYRENE	EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)
EPA 524.2 REV 4.1	TOLUENE	EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE
EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)	EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)
EPA 524.2 REV 4.1	XYLENE (TOTAL)	EPA 552.2 REV 1	BROMOACETIC ACID
EPA 552.2 REV 1	CHLOROACETIC ACID	EPA 552.2 REV 1	DIBROMOACETIC ACID
EPA 552.2 REV 1	DICHLOROACETIC ACID	EPA 552.2 REV 1	TRICHLOROACETIC ACID (TCAA)
EPA 900.0	GROSS ALPHA	EPA 900.0	GROSS BETA
EPA 901.1	CESIUM-134	EPA 901.1	CESIUM-137
EPA 901.1	GAMMA EMITTERS	EPA 901.1	IODINE-131
EPA 902.0	IODINE-131	EPA 903.0	RADIUM-226
EPA 903.0	TOTAL ALPHA RADIUM	EPA 903.1	RADIUM-226
EPA 904.0	RADIUM-228	EPA 905.0	STRONTIUM-89
EPA 905.0	STRONTIUM-90	EPA 906.0	TRITIUM
SM 2120 B-2011	COLOR	SM 2320 B-2011	ALKALINITY AS CaCO ₃
SM 2510 B-2011	CONDUCTIVITY	SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)
SM 4500-NO ₃ ⁻ F-2011	NITRATE AS N		

Cape Fear Analytical, L.L.C.

Wilmington, NC

Certificate No.: 10099

Certificate Expiration Date: 12/14/2019

Phone: (910) 795-0421

DCLS Lab ID: 460208

Method	Analyte	Method	Analyte
EPA 1613	2,3,7,8-TETRACHLORODIBENZO- P-DIOXIN (2,3,7,8-TCDD)		

McCoy & McCoy Laboratories, A Pace Analytical Services Company - Madisonville

Madisonville, KY

Certificate No.: 10193

Certificate Expiration Date: 12/14/2019

Phone: (270) 821-7375

DCLS Lab ID: 460210

Method	Analyte	Method	Analyte
EPA 180.1 REV 2	TURBIDITY	EPA 200.7 REV 4.4	ALUMINUM
EPA 200.7 REV 4.4	BARIUM	EPA 200.7 REV 4.4	BERYLLIUM
EPA 200.7 REV 4.4	CADMIUM	EPA 200.7 REV 4.4	CALCIUM
EPA 200.7 REV 4.4	CHROMIUM	EPA 200.7 REV 4.4	COPPER
EPA 200.7 REV 4.4	IRON	EPA 200.7 REV 4.4	MAGNESIUM
EPA 200.7 REV 4.4	MANGANESE	EPA 200.7 REV 4.4	NICKEL
EPA 200.7 REV 4.4	SODIUM	EPA 200.7 REV 4.4	ZINC
EPA 200.8 REV 5.4	ALUMINUM	EPA 200.8 REV 5.4	ANTIMONY
EPA 200.8 REV 5.4	ARSENIC	EPA 200.8 REV 5.4	BARIUM
EPA 200.8 REV 5.4	BERYLLIUM	EPA 200.8 REV 5.4	CADMIUM
EPA 200.8 REV 5.4	CHROMIUM	EPA 200.8 REV 5.4	COPPER
EPA 200.8 REV 5.4	LEAD	EPA 200.8 REV 5.4	MANGANESE
EPA 200.8 REV 5.4	MERCURY	EPA 200.8 REV 5.4	NICKEL
EPA 200.8 REV 5.4	SELENIUM	EPA 200.8 REV 5.4	SILVER
EPA 200.8 REV 5.4	THALLIUM	EPA 200.8 REV 5.4	ZINC
EPA 300.0 REV 2.1	CHLORIDE	EPA 300.0 REV 2.1	CHLORITE
EPA 300.0 REV 2.1	FLUORIDE	EPA 300.0 REV 2.1	NITRATE AS N
EPA 300.0 REV 2.1	NITRATE/NITRITE	EPA 300.0 REV 2.1	NITRITE AS N
EPA 300.0 REV 2.1	ORTHOPHOSPHATE AS P	EPA 300.0 REV 2.1	SULFATE

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EPA 300.1	BROMATE	EPA 300.1	BROMIDE
EPA 504.1 REV 1.1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	EPA 504.1 REV 1.1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)
EPA 507 REV 2.1	ALACHLOR	EPA 507 REV 2.1	ATRAZINE
EPA 507 REV 2.1	SIMAZINE	EPA 508 REV 3.1	AROCLOR-1016 (PCB-1016)
EPA 508 REV 3.1	AROCLOR-1221 (PCB-1221)	EPA 508 REV 3.1	AROCLOR-1232 (PCB-1232)
EPA 508 REV 3.1	AROCLOR-1242 (PCB-1242)	EPA 508 REV 3.1	AROCLOR-1248 (PCB-1248)
EPA 508 REV 3.1	AROCLOR-1254 (PCB-1254)	EPA 508 REV 3.1	AROCLOR-1260 (PCB-1260)
EPA 508 REV 3.1	CHLORDANE, TOTAL	EPA 508 REV 3.1	ENDRIN
EPA 508 REV 3.1	GAMMA-BHC (LINDANE, GAMMA-HEXACHLOROCYCLOHEXANE)	EPA 508 REV 3.1	HEPTACHLOR
EPA 508 REV 3.1	HEPTACHLOR EPOXIDE	EPA 508 REV 3.1	HEXACHLOROBENZENE
EPA 508 REV 3.1	HEXACHLOROCYCLOPENTADIENE	EPA 508 REV 3.1	METHOXYCHLOR
EPA 508 REV 3.1	TOXAPHENE (CHLORINATED CAMPHENE)	EPA 515.1 REV 4	2,4-D
EPA 515.1 REV 4	DALAPON	EPA 515.1 REV 4	DINOSEB (2-SEC-BUTYL-4,6-DINITROPHENOL, DNBP)
EPA 515.1 REV 4	PENTACHLOROPHENOL	EPA 515.1 REV 4	PICLORAM
EPA 515.1 REV 4	SILVEX (2,4,5-TP)	EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE
EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE	EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)
EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)	EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE
EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)	EPA 524.2 REV 4.1	BENZENE
EPA 524.2 REV 4.1	BROMODICHLOROMETHANE	EPA 524.2 REV 4.1	BROMOFORM
EPA 524.2 REV 4.1	CARBON TETRACHLORIDE	EPA 524.2 REV 4.1	CHLOROBENZENE
EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE	EPA 524.2 REV 4.1	CHLOROFORM
EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE	EPA 524.2 REV 4.1	ETHYLBENZENE
EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)	EPA 524.2 REV 4.1	STYRENE
EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)	EPA 524.2 REV 4.1	TOLUENE
EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE	EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)
EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)	EPA 524.2 REV 4.1	XYLENE (TOTAL)
EPA 525.2 REV 2	BIS(2-ETHYLHEXYL) PHTHALATE (DI(2-ETHYLHEXYL)PHTHALATE), (DEHP)	EPA 525.2 REV 2	BIS(2-ETHYLHEXYL)ADIPATE (DI(2-ETHYLHEXYL)ADIPATE)
EPA 531.1 REV 3.1	CARBOFURAN (FURADEN)	EPA 531.1 REV 3.1	OXAMYL
EPA 547	GLYPHOSATE	EPA 548.1 REV 1	ENDOTHALL
EPA 549.2 REV 1	DIQUAT	EPA 550.1	BENZO(A)PYRENE
EPA 552.2 REV 1	BROMOACETIC ACID	EPA 552.2 REV 1	CHLOROACETIC ACID
EPA 552.2 REV 1	DIBROMOACETIC ACID	EPA 552.2 REV 1	DICHLOROACETIC ACID
EPA 552.2 REV 1	HALOACETIC ACIDS - FIVE (HAA5)	EPA 552.2 REV 1	TRICHLOROACETIC ACID (TCAA)
SM 2320 B-2011	ALKALINITY AS CaCO3	SM 2510 B-2011	CONDUCTIVITY
SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)	SM 4500-CN ⁻ C-2011	PREP: CYANIDE DISTILLATION
SM 4500-CN ⁻ E-2011	CYANIDE	SM 4500-F ⁻ C-2011	FLUORIDE
SM 5310 C-2011	DISSOLVED ORGANIC CARBON (DOC)	SM 5310 C-2011	TOTAL ORGANIC CARBON (TOC)
SM 5540 C-2011	SURFACTANTS - MBAS		

Fairway Laboratories Inc

Altoona, PA

Phone: (814) 946-4306

DCLS Lab ID: 460212

Certificate No.: 10131

Certificate Expiration Date: 12/14/2019

Method	Analyte	Method	Analyte
EPA 200.7 REV 4.4	ALUMINUM	EPA 200.7 REV 4.4	BARIUM
EPA 200.7 REV 4.4	BERYLLIUM	EPA 200.7 REV 4.4	CADMIUM
EPA 200.7 REV 4.4	CALCIUM	EPA 200.7 REV 4.4	CHROMIUM
EPA 200.7 REV 4.4	COPPER	EPA 200.7 REV 4.4	IRON

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EPA 200.7 REV 4.4	MAGNESIUM	EPA 200.7 REV 4.4	MANGANESE
EPA 200.7 REV 4.4	NICKEL	EPA 200.7 REV 4.4	SILVER
EPA 200.7 REV 4.4	SODIUM	EPA 200.7 REV 4.4	ZINC
EPA 200.8 REV 5.4	ALUMINUM	EPA 200.8 REV 5.4	ANTIMONY
EPA 200.8 REV 5.4	ARSENIC	EPA 200.8 REV 5.4	BARIUM
EPA 200.8 REV 5.4	BERYLLIUM	EPA 200.8 REV 5.4	CADMIUM
EPA 200.8 REV 5.4	CHROMIUM	EPA 200.8 REV 5.4	COPPER
EPA 200.8 REV 5.4	IRON	EPA 200.8 REV 5.4	LEAD
EPA 200.8 REV 5.4	MANGANESE	EPA 200.8 REV 5.4	MERCURY
EPA 200.8 REV 5.4	NICKEL	EPA 200.8 REV 5.4	SELENIUM
EPA 200.8 REV 5.4	SILVER	EPA 200.8 REV 5.4	THALLIUM
EPA 200.8 REV 5.4	ZINC	EPA 245.1 REV 3	MERCURY
EPA 300.0 REV 2.1	BROMIDE	EPA 300.0 REV 2.1	CHLORIDE
EPA 300.0 REV 2.1	FLUORIDE	EPA 300.0 REV 2.1	NITRATE AS N
EPA 300.0 REV 2.1	NITRATE/NITRITE	EPA 300.0 REV 2.1	NITRITE AS N
EPA 300.0 REV 2.1	SULFATE	EPA 300.1	BROMATE
EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE	EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE
EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)	EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)
EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE	EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)
EPA 524.2 REV 4.1	BENZENE	EPA 524.2 REV 4.1	BROMODICHLOROMETHANE
EPA 524.2 REV 4.1	BROMOFORM	EPA 524.2 REV 4.1	CARBON TETRACHLORIDE
EPA 524.2 REV 4.1	CHLOROBENZENE	EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE
EPA 524.2 REV 4.1	CHLOROFORM	EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE
EPA 524.2 REV 4.1	ETHYLBENZENE	EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)
EPA 524.2 REV 4.1	STYRENE	EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)
EPA 524.2 REV 4.1	TOLUENE	EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE
EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)	EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)
EPA 524.2 REV 4.1	XYLENE (TOTAL)	EPA 552.2 REV 1	BROMOACETIC ACID
EPA 552.2 REV 1	CHLOROACETIC ACID	EPA 552.2 REV 1	DIBROMOACETIC ACID
EPA 552.2 REV 1	DICHLOROACETIC ACID	EPA 552.2 REV 1	HALOACETIC ACIDS - FIVE (HAA5)
EPA 552.2 REV 1	TRICHLOROACETIC ACID (TCAA)	SIMPLATE	HETEROTROPHIC PLATE COUNT
SM 2120 B-2011	COLOR	SM 2130 B-2011	TURBIDITY
SM 2150 B-2011	ODOR	SM 2320 B-2011	ALKALINITY AS CaCO ₃
SM 2510 B-2011	CONDUCTIVITY	SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)
SM 4500-CL G-2011	TOTAL RESIDUAL CHLORINE	SM 4500-CN ⁻ C-2011	PREP: CYANIDE DISTILLATION
SM 4500-CN ⁻ E-2011	CYANIDE	SM 4500-CN ⁻ G-2011	AMENABLE CYANIDE
SM 4500-H+ B-2011	PH	SM 4500-NO ₂ ⁻ B-2011	NITRITE AS N
SM 4500-NO ₃ ⁻ D-2011	NITRATE AS N	SM 4500-P E-2011	ORTHOPHOSPHATE AS P
SM 5310 C-2011	DISSOLVED ORGANIC CARBON (DOC)	SM 5310 C-2011	TOTAL ORGANIC CARBON (TOC)
SM 5540 C-2011	SURFACTANTS - MBAS	SM 9223 COLILERT	ESCHERICHIA COLI
SM 9223 COLILERT P/A	ESCHERICHIA COLI	MPN	
		SM 9223 COLILERT P/A	TOTAL COLIFORMS

Con-Test Analytical Laboratory

East Longmeadow, MA

Certificate No.: 10102

Phone: (413) 525-2332

DCLS Lab ID: 460217

Certificate Expiration Date: 12/14/2019

Method	Analyte	Method	Analyte
EPA 200.7 REV 4.4	ALUMINUM	EPA 200.7 REV 4.4	BARIUM
EPA 200.7 REV 4.4	CADMIUM	EPA 200.7 REV 4.4	CALCIUM
EPA 200.7 REV 4.4	CHROMIUM	EPA 200.7 REV 4.4	COPPER

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EPA 200.7 REV 4.4	IRON	EPA 200.7 REV 4.4	MAGNESIUM
EPA 200.7 REV 4.4	MANGANESE	EPA 200.7 REV 4.4	NICKEL
EPA 200.7 REV 4.4	SILVER	EPA 200.7 REV 4.4	SODIUM
EPA 200.7 REV 4.4	ZINC	EPA 200.8 REV 5.4	ANTIMONY
EPA 200.8 REV 5.4	ARSENIC	EPA 200.8 REV 5.4	BARIUM
EPA 200.8 REV 5.4	BERYLLIUM	EPA 200.8 REV 5.4	CADMIUM
EPA 200.8 REV 5.4	CHROMIUM	EPA 200.8 REV 5.4	COPPER
EPA 200.8 REV 5.4	LEAD	EPA 200.8 REV 5.4	MANGANESE
EPA 200.8 REV 5.4	NICKEL	EPA 200.8 REV 5.4	SELENIUM
EPA 200.8 REV 5.4	SILVER	EPA 200.8 REV 5.4	THALLIUM
EPA 200.8 REV 5.4	ZINC	EPA 245.1 REV 3	MERCURY
EPA 300.0 REV 2.1	CHLORIDE	EPA 300.0 REV 2.1	SULFATE
EPA 504.1 REV 1.1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	EPA 504.1 REV 1.1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)
EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE	EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE
EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)	EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)
EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE	EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)
EPA 524.2 REV 4.1	BENZENE	EPA 524.2 REV 4.1	BROMODICHLOROMETHANE
EPA 524.2 REV 4.1	CARBON TETRACHLORIDE	EPA 524.2 REV 4.1	CHLOROBENZENE
EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE	EPA 524.2 REV 4.1	CHLOROFORM
EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE	EPA 524.2 REV 4.1	ETHYLBENZENE
EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)	EPA 524.2 REV 4.1	STYRENE
EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)	EPA 524.2 REV 4.1	TOLUENE
EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE	EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)
EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)	EPA 524.2 REV 4.1	XYLENE (TOTAL)
SM 2120 B-2011	COLOR	SM 2150 B-2011	ODOR
SM 2320 B-2011	ALKALINITY AS CaCO ₃	SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)
SM 4500-CL ⁻ B-2011	CHLORIDE	SM 4500-CN ⁻ E-2011	CYANIDE
SM 4500-F ⁻ C-2011	FLUORIDE	SM 4500-NO ₂ ⁻ B-2011	NITRITE AS N
SM 4500-NO ₃ ⁻ F-2011	NITRATE AS N	SM 5310 B-2011	TOTAL ORGANIC CARBON (TOC)

Eberline Services Oak Ridge Laboratory

Oak Ridge, TN

Certificate No.: 10015

Certificate Expiration Date: 12/14/2019

Phone: (865) 481-0683

DCLS Lab ID: 460218

Method	Analyte	Method	Analyte
EPA 900.0	GROSS ALPHA	EPA 900.0	GROSS BETA
EPA 901.1	CESIUM-134	EPA 901.1	GAMMA EMITTERS
EPA 903.0	RADIUM-226	EPA 903.0	TOTAL ALPHA RADIUM
EPA 904.0	RADIUM-228	EPA 905.0	STRONTIUM-89
EPA 905.0	STRONTIUM-90	EPA 906.0	TRITIUM
EPA 908.0	URANIUM		

Pace Analytical Services, LLC - Huntersville NC

Huntersville, NC

Certificate No.: 10125

Certificate Expiration Date: 06/14/2019

Phone: (828) 254-7176

DCLS Lab ID: 460221

Method	Analyte	Method	Analyte
EPA 504.1 REV 1.1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)		

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EPA 504.1 REV 1.1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)	EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE
EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE	EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)
EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)	EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE
EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)	EPA 524.2 REV 4.1	BENZENE
EPA 524.2 REV 4.1	BROMODICHLOROMETHANE	EPA 524.2 REV 4.1	BROMOFORM
EPA 524.2 REV 4.1	CARBON TETRACHLORIDE	EPA 524.2 REV 4.1	CHLOROBENZENE
EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE	EPA 524.2 REV 4.1	CHLOROFORM
EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE	EPA 524.2 REV 4.1	ETHYLBENZENE
EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)	EPA 524.2 REV 4.1	STYRENE
EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)	EPA 524.2 REV 4.1	TOLUENE
EPA 524.2 REV 4.1	TOTAL TRIHALOMETHANES (TTHMS)	EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE
EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)	EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)
EPA 524.2 REV 4.1	XYLENE (TOTAL)	EPA 552.2 REV 1	BROMOACETIC ACID
EPA 552.2 REV 1	CHLOROACETIC ACID	EPA 552.2 REV 1	DIBROMOACETIC ACID
EPA 552.2 REV 1	DICHLOROACETIC ACID	EPA 552.2 REV 1	HALOACETIC ACIDS - FIVE (HAA5)
EPA 552.2 REV 1	TRICHLOROACETIC ACID (TCAA)		

Pace Analytical Services, LLC - Asheville NC Asheville, NC	Phone: (828) 254-7176 DCLS Lab ID: 460222
Certificate No.: 10124	Certificate Expiration Date: 06/14/2019

Method	Analyte	Method	Analyte
EPA 353.2 REV 2 (AS LACHAT 10-107-04-1 A + C)	NITRATE AS N	EPA 353.2 REV 2 (AS LACHAT 10-107-04-1-A)	NITRITE AS N
SM 2320 B-2011	ALKALINITY AS CaCO3	SM 9223 COLISURE®	ESCHERICHIA COLI
SM 9223 COLISURE®	TOTAL COLIFORMS		

Henrico County D.P.U. Central Environmental Laboratory Henrico, VA	Phone: (804) 501-7625 DCLS Lab ID: 460229
Certificate No.: 10078	Certificate Expiration Date: 06/14/2019

Method	Analyte	Method	Analyte
EPA 180.1 REV 2	TURBIDITY	SM 4500-H+ B-2011	PH
SM 9223 COLISURE®	ESCHERICHIA COLI	SM 9223 COLISURE®	TOTAL COLIFORMS

Test America Inc Earth City, MO	Phone: (314)298-8566 DCLS Lab ID: 460230
Certificate No.: 10192	Certificate Expiration Date: 06/14/2019

Method	Analyte	Method	Analyte
EPA 900.0	GROSS ALPHA	EPA 900.0	GROSS BETA
EPA 903.0	RADIUM-226	EPA 904.0	RADIUM-228
EPA 906.0	TRITIUM		

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Effective: 03/22/2019**

ALS Canada Ltd. dba ALS Environmental
Burlington, ON

Phone:
DCLS Lab ID: 460247

Certificate No.: 10113

Certificate Expiration Date: 12/14/2019

Method	Analyte
EPA 1613	2,3,7,8-TETRACHLORODIBENZO- P-DIOXIN (2,3,7,8-TCDD)

Method	Analyte
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BCS Laboratories, Inc.
Gainesville, FL

Phone:
DCLS Lab ID: 460252

Certificate No.: 10178

Certificate Expiration Date: 03/14/2020

Method	Analyte
EPA 1623.1	CRYPTOSPORIDIUM

Method	Analyte
SM 9222 B-1997	TOTAL COLIFORMS

Continental Water Laboratory
Sacramento, CA

Phone: (916) 379-2323
DCLS Lab ID: 460259

Certificate No.: 9999

Certificate Expiration Date: 06/14/2019

Method	Analyte
SM 9215 B-2004	HETEROTROPHIC PLATE COUNT
SM 9222 G (P/A) -1997	ESCHERICHIA COLI
SM 9223 COLILERT P/A	TOTAL COLIFORMS

Method	Analyte
SM 9222 B-1997	TOTAL COLIFORMS
SM 9223 COLILERT P/A	ESCHERICHIA COLI

Eurofins Eaton Analytical, LLC
Monrovia, CA

Phone: (626) 386-1159
DCLS Lab ID: 460260

Certificate No.: 10181

Certificate Expiration Date: 06/14/2019

Method	Analyte
EPA 1613	2,3,7,8-TETRACHLORODIBENZO- P-DIOXIN (2,3,7,8-TCDD)
EPA 200.7 REV 4.4	ALUMINUM
EPA 200.7 REV 4.4	BERYLLIUM
EPA 200.7 REV 4.4	CALCIUM
EPA 200.7 REV 4.4	COPPER
EPA 200.7 REV 4.4	MAGNESIUM
EPA 200.7 REV 4.4	NICKEL
EPA 200.7 REV 4.4	SILVER
EPA 200.7 REV 4.4	ZINC
EPA 200.8 REV 5.4	ANTIMONY
EPA 200.8 REV 5.4	BARIUM
EPA 200.8 REV 5.4	CADMIUM
EPA 200.8 REV 5.4	COPPER
EPA 200.8 REV 5.4	MANGANESE
EPA 200.8 REV 5.4	SELENIUM
EPA 200.8 REV 5.4	THALLIUM
EPA 200.8 REV 5.4	ZINC
EPA 300.0 REV 2.1	BROMIDE
EPA 300.0 REV 2.1	CHLORITE
EPA 300.0 REV 2.1	NITRITE AS N

Method	Analyte
EPA 180.1 REV 2	TURBIDITY
EPA 200.7 REV 4.4	BARIUM
EPA 200.7 REV 4.4	CADMIUM
EPA 200.7 REV 4.4	CHROMIUM
EPA 200.7 REV 4.4	IRON
EPA 200.7 REV 4.4	MANGANESE
EPA 200.7 REV 4.4	SILICA AS SIO2
EPA 200.7 REV 4.4	SODIUM
EPA 200.8 REV 5.4	ALUMINUM
EPA 200.8 REV 5.4	ARSENIC
EPA 200.8 REV 5.4	BERYLLIUM
EPA 200.8 REV 5.4	CHROMIUM
EPA 200.8 REV 5.4	LEAD
EPA 200.8 REV 5.4	NICKEL
EPA 200.8 REV 5.4	SILVER
EPA 200.8 REV 5.4	URANIUM
EPA 245.1 REV 3	MERCURY
EPA 300.0 REV 2.1	CHLORIDE
EPA 300.0 REV 2.1	NITRATE AS N
EPA 300.0 REV 2.1	SULFATE

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1 VAC 30 Chapter 46
Effective: 03/22/2019**

EPA 300.1	BROMATE	EPA 300.1	BROMIDE
EPA 300.1	CHLORITE	EPA 317.0 REV 2	BROMATE
EPA 335.4 REV 1.0	CYANIDE	EPA 353.2 REV 2	NITRATE AS N
EPA 353.2 REV 2	NITRITE AS N	EPA 365.1 REV 2	ORTHOPHOSPHATE AS P
EPA 504.1 REV 1.1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	EPA 504.1 REV 1.1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)
EPA 505 REV 2.1	ALACHLOR	EPA 505 REV 2.1	CHLORDANE, TOTAL
EPA 505 REV 2.1	ENDRIN	EPA 505 REV 2.1	GAMMA-BHC (LINDANE, GAMMA-HEXACHLOROCYCLOHEXANE)
EPA 505 REV 2.1	HEPTACHLOR	EPA 505 REV 2.1	HEPTACHLOR EPOXIDE
EPA 505 REV 2.1	METHOXYCHLOR	EPA 505 REV 2.1	PCBS, AS AROCLORS
EPA 505 REV 2.1	TOXAPHENE (CHLORINATED CAMPHENE)	EPA 515.4 REV 1	2,4-D
EPA 515.4 REV 1	DALAPON	EPA 515.4 REV 1	DINOSEB (2-SEC-BUTYL-4,6-DINITROPHENOL, DNBP)
EPA 515.4 REV 1	PENTACHLOROPHENOL	EPA 515.4 REV 1	PICLORAM
EPA 515.4 REV 1	SILVEX (2,4,5-TP)	EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE
EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE	EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)
EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)	EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE
EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)	EPA 524.2 REV 4.1	BENZENE
EPA 524.2 REV 4.1	BROMODICHLOROMETHANE	EPA 524.2 REV 4.1	BROMOFORM
EPA 524.2 REV 4.1	CARBON TETRACHLORIDE	EPA 524.2 REV 4.1	CHLOROBENZENE
EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE	EPA 524.2 REV 4.1	CHLOROFORM
EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE	EPA 524.2 REV 4.1	ETHYLBENZENE
EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)	EPA 524.2 REV 4.1	STYRENE
EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)	EPA 524.2 REV 4.1	TOLUENE
EPA 524.2 REV 4.1	TOTAL TRIHALOMETHANES (TTHMS)	EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE
EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)	EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)
EPA 524.2 REV 4.1	XYLENE (TOTAL)	EPA 525.2 REV 2	ALACHLOR
EPA 525.2 REV 2	ATRAZINE	EPA 525.2 REV 2	BENZO(A)PYRENE
EPA 525.2 REV 2	BIS(2-ETHYLHEXYL) PHTHALATE (DI(2-ETHYLHEXYL)PHTHALATE), (DEHP)	EPA 525.2 REV 2	BIS(2-ETHYLHEXYL)ADIPATE (DI(2-ETHYLHEXYL)ADIPATE)
EPA 525.2 REV 2	CHLORDANE, TOTAL	EPA 525.2 REV 2	ENDRIN
EPA 525.2 REV 2	GAMMA-BHC (LINDANE, GAMMA-HEXACHLOROCYCLOHEXANE)	EPA 525.2 REV 2	HEPTACHLOR
EPA 525.2 REV 2	HEPTACHLOR EPOXIDE	EPA 525.2 REV 2	HEXACHLOROBENZENE
EPA 525.2 REV 2	HEXACHLOROCYCLOPENTADIENE	EPA 525.2 REV 2	METHOXYCHLOR
EPA 525.2 REV 2	SIMAZINE	EPA 531.2 REV 1	CARBOFURAN (FURADEN)
EPA 531.2 REV 1	OXAMYL	EPA 547	GLYPHOSATE
EPA 548.1 REV 1	ENDOTHALL	EPA 549.2 REV 1	DIQUAT
EPA 551.1 REV 1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	EPA 551.1 REV 1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)
EPA 551.1 REV 1	BROMODICHLOROMETHANE	EPA 551.1 REV 1	BROMOFORM
EPA 551.1 REV 1	CHLORODIBROMOMETHANE	EPA 551.1 REV 1	CHLOROFORM
EPA 551.1 REV 1	TOTAL TRIHALOMETHANES (TTHMS)	EPA 552.3 REV 1	BROMOACETIC ACID
EPA 552.3 REV 1	CHLOROACETIC ACID	EPA 552.3 REV 1	DIBROMOACETIC ACID
EPA 552.3 REV 1	DICHLOROACETIC ACID	EPA 552.3 REV 1	HALOACETIC ACIDS - FIVE (HAA5)
EPA 552.3 REV 1	TRICHLOROACETIC ACID (TCAA)	EPA 900.0	GROSS ALPHA
EPA 900.0	GROSS BETA	SM 2130 B-2011	TURBIDITY
SM 2320 B-2011	ALKALINITY AS CaCO3	SM 2510 B-2011	CONDUCTIVITY
SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)	SM 4500-CN ⁻ F-2011	CYANIDE
SM 4500-CN ⁻ G-2011	AMENABLE CYANIDE	SM 4500-F ⁻ C-2011	FLUORIDE
SM 4500-P E-2011	ORTHOPHOSPHATE AS P	SM 4500-SIO2 C-2011	SILICA AS SIO2
SM 5310 C-2011	DISSOLVED ORGANIC CARBON (DOC)	SM 5310 C-2011	TOTAL ORGANIC CARBON (TOC)
SM 5540 C-2011	SURFACTANTS - MBAS	SM 5910 B-2011	UV 254

**Accredited Laboratories
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Effective: 03/22/2019

SM 6251 B-2007	BROMOACETIC ACID	SM 6251 B-2007	CHLOROACETIC ACID
SM 6251 B-2007	DIBROMOACETIC ACID	SM 6251 B-2007	DICHLOROACETIC ACID
SM 6251 B-2007	HALOACETIC ACIDS - FIVE (HAA5)	SM 6251 B-2007	TRICHLOROACETIC ACID (TCAA)
SM 7110 C-2011	GROSS ALPHA		

State Hygienic Laboratory at The University of Iowa
Coralville, IA

Phone: (319) 335-4236
DCLS Lab ID: 460267

Certificate No.: 10052 Certificate Expiration Date: 12/14/2019

Method	Analyte	Method	Analyte
EPA 1623.1	CRYPTOSPORIDIUM	EPA 900.0	GROSS ALPHA
EPA 900.0	GROSS BETA	EPA 903.0	RADIUM-226
EPA 904.0	RADIUM-228		

Mohawk Valley Water Authority
Utica, NY

Phone: (315) 792-0319
DCLS Lab ID: 460268

Certificate No.: 10053 Certificate Expiration Date: 12/14/2019

Method	Analyte	Method	Analyte
EPA 1623	CRYPTOSPORIDIUM		

Scientific Methods, Inc.
Granger, IN

Phone: (574) 277-4078
DCLS Lab ID: 460269

Certificate No.: 10179 Certificate Expiration Date: 03/14/2020

Method	Analyte	Method	Analyte
EPA 1623	CRYPTOSPORIDIUM		

NSF International
Ann Arbor, MI

Phone: (734) 827-6837
DCLS Lab ID: 460270

Certificate No.: 10195 Certificate Expiration Date: 03/14/2020

Method	Analyte	Method	Analyte
EPA 00-02	GROSS ALPHA	EPA 1613	2,3,7,8-TETRACHLORODIBENZO- P-DIOXIN (2,3,7,8-TCDD)
EPA 200.7 REV 4.4	IRON	EPA 200.7 REV 4.4	SODIUM
EPA 200.8 REV 5.4	ALUMINUM	EPA 200.8 REV 5.4	ANTIMONY
EPA 200.8 REV 5.4	ARSENIC	EPA 200.8 REV 5.4	BARIUM
EPA 200.8 REV 5.4	BERYLLIUM	EPA 200.8 REV 5.4	CADMIUM
EPA 200.8 REV 5.4	CHROMIUM	EPA 200.8 REV 5.4	COPPER
EPA 200.8 REV 5.4	LEAD	EPA 200.8 REV 5.4	MANGANESE
EPA 200.8 REV 5.4	MERCURY	EPA 200.8 REV 5.4	NICKEL
EPA 200.8 REV 5.4	SELENIUM	EPA 200.8 REV 5.4	SILVER
EPA 200.8 REV 5.4	THALLIUM	EPA 200.8 REV 5.4	URANIUM
EPA 200.8 REV 5.4	ZINC	EPA 300.0 REV 2.1	CHLORIDE
EPA 300.0 REV 2.1	NITRATE AS N	EPA 300.0 REV 2.1	NITRITE AS N
EPA 300.0 REV 2.1	SULFATE	EPA 300.1	BROMATE
EPA 300.1	BROMIDE	EPA 300.1	CHLORITE
EPA 335.4 REV 1.0	CYANIDE	EPA 504.1 REV 1.1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)

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EPA 504.1 REV 1.1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)	EPA 508.1 REV 2	CHLORDANE, TOTAL
EPA 508.1 REV 2	ENDRIN	EPA 508.1 REV 2	PCBS, AS AROCLORS
EPA 508.1 REV 2	TOXAPHENE (CHLORINATED CAMPHENE)	EPA 515.3 REV 1	2,4-D
EPA 515.3 REV 1	DALAPON	EPA 515.3 REV 1	DINOSEB (2-SEC-BUTYL-4,6-DINITROPHENOL, DNBP)
EPA 515.3 REV 1	PENTACHLOROPHENOL	EPA 515.3 REV 1	PICLORAM
EPA 515.3 REV 1	SILVEX (2,4,5-TP)	EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1,1,2-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE
EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE	EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)
EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)	EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE
EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)	EPA 524.2 REV 4.1	BENZENE
EPA 524.2 REV 4.1	BROMODICHLOROMETHANE	EPA 524.2 REV 4.1	BROMOFORM
EPA 524.2 REV 4.1	CARBON TETRACHLORIDE	EPA 524.2 REV 4.1	CHLOROBENZENE
EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE	EPA 524.2 REV 4.1	CHLOROFORM
EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE	EPA 524.2 REV 4.1	ETHYLBENZENE
EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)	EPA 524.2 REV 4.1	STYRENE
EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)	EPA 524.2 REV 4.1	TOLUENE
EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE	EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)
EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)	EPA 524.2 REV 4.1	XYLENE (TOTAL)
EPA 525.2 REV 2	ALACHLOR	EPA 525.2 REV 2	ATRAZINE
EPA 525.2 REV 2	BENZO(A)PYRENE	EPA 525.2 REV 2	BIS(2-ETHYLHEXYL) PHTHALATE (DI(2-ETHYLHEXYL)PHTHALATE), (DEHP)
EPA 525.2 REV 2	BIS(2-ETHYLHEXYL)ADIPATE (DI(2-ETHYLHEXYL)ADIPATE)	EPA 525.2 REV 2	GAMMA-BHC (LINDANE, GAMMA-HEXACHLOROCYCLOHEXANE)
EPA 525.2 REV 2	HEPTACHLOR	EPA 525.2 REV 2	HEPTACHLOR EPOXIDE
EPA 525.2 REV 2	HEXACHLOROBENZENE	EPA 525.2 REV 2	HEXACHLOROCYCLOPENTADIENE
EPA 525.2 REV 2	METHOXYCHLOR	EPA 525.2 REV 2	SIMAZINE
EPA 531.2 REV 1	CARBOFURAN (FURADEN)	EPA 531.2 REV 1	OXAMYL
EPA 547	GLYPHOSATE	EPA 548.1 REV 1	ENDOTHALL
EPA 549.2 REV 1	DIQUAT	EPA 552.2 REV 1	BROMOACETIC ACID
EPA 552.2 REV 1	CHLOROACETIC ACID	EPA 552.2 REV 1	DIBROMOACETIC ACID
EPA 552.2 REV 1	DICHLOROACETIC ACID	EPA 552.2 REV 1	TRICHLOROACETIC ACID (TCAA)
EPA 900.0	GROSS ALPHA	EPA 900.0	GROSS BETA
SM 2120 B-2011	COLOR	SM 2320 B-2011	ALKALINITY AS CaCO ₃
SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)	SM 4500-F ⁻ C-2011	FLUORIDE
SM 7500-RA B (GPC) -2011	RADIUM-226	SM 7500-RA D-2011	RADIUM-228
SM 9215 B-2004	HETEROTROPHIC PLATE COUNT	SM 9223 COLILERT P/A	ESCHERICHIA COLI
SM 9223 COLILERT P/A	TOTAL COLIFORMS		

AMA Analytical Services Inc.
Lanham, MD

Phone: (301) 459-2640
DCLS Lab ID: 460271

Certificate No.: 10213

Certificate Expiration Date: 03/14/2020

Method	Analyte	Method	Analyte
SM 3111 B-2011	COPPER	SM 3113 B-2010	LEAD

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1 VAC 30 Chapter 46
Effective: 03/22/2019**

Analytical Services, Inc.

Williston, VT

Certificate No.: 10184

Certificate Expiration Date: 03/14/2020

Phone: (802) 878-5138

DCLS Lab ID: 460272

Method	Analyte	Method	Analyte
EPA 1623	CRYPTOSPORIDIUM	EPA 1623.1	CRYPTOSPORIDIUM
SM 9223 COLILERT-18 MPN	ESCHERICHIA COLI		

American Water Central Laboratory

Belleville, IL

Certificate No.: 10204

Certificate Expiration Date: 03/14/2020

Phone: (618) 235-3600

DCLS Lab ID: 460274

Method	Analyte	Method	Analyte
EPA 180.1 REV 2	TURBIDITY	EPA 200.7 REV 4.4	CALCIUM
EPA 200.7 REV 4.4	CHROMIUM	EPA 200.7 REV 4.4	IRON
EPA 200.7 REV 4.4	MAGNESIUM	EPA 200.7 REV 4.4	SILICA AS SIO2
EPA 200.7 REV 4.4	SODIUM	EPA 200.8 REV 5.4	ALUMINUM
EPA 200.8 REV 5.4	ANTIMONY	EPA 200.8 REV 5.4	ARSENIC
EPA 200.8 REV 5.4	BARIUM	EPA 200.8 REV 5.4	BERYLLIUM
EPA 200.8 REV 5.4	CADMIUM	EPA 200.8 REV 5.4	COPPER
EPA 200.8 REV 5.4	LEAD	EPA 200.8 REV 5.4	MANGANESE
EPA 200.8 REV 5.4	MERCURY	EPA 200.8 REV 5.4	NICKEL
EPA 200.8 REV 5.4	SELENIUM	EPA 200.8 REV 5.4	SILVER
EPA 200.8 REV 5.4	THALLIUM	EPA 200.8 REV 5.4	ZINC
EPA 245.1 REV 3	MERCURY	EPA 300.0 REV 2.1	CHLORIDE
EPA 300.0 REV 2.1	FLUORIDE	EPA 300.0 REV 2.1	NITRATE AS N
EPA 300.0 REV 2.1	NITRITE AS N	EPA 300.0 REV 2.1	ORTHOPHOSPHATE AS P
EPA 300.0 REV 2.1	SULFATE	EPA 300.1	BROMATE
EPA 300.1	BROMIDE	EPA 300.1	CHLORITE
EPA 335.4 REV 1.0	CYANIDE	EPA 504.1 REV 1.1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
EPA 504.1 REV 1.1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)	EPA 505 REV 2.1	CHLORDANE, TOTAL
EPA 505 REV 2.1	PCBS, AS AROCLORS	EPA 505 REV 2.1	TOXAPHENE (CHLORINATED CAMPHENE)
EPA 515.3 REV 1	2,4-D	EPA 515.3 REV 1	DALAPON
EPA 515.3 REV 1	DINOSEB (2-SEC-BUTYL-4,6-DINITROPHENOL, DNBP)	EPA 515.3 REV 1	PENTACHLOROPHENOL
EPA 515.3 REV 1	PICLORAM	EPA 515.3 REV 1	SILVEX (2,4,5-TP)
EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE	EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE
EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)	EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)
EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE	EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)
EPA 524.2 REV 4.1	BENZENE	EPA 524.2 REV 4.1	BROMODICHLOROMETHANE
EPA 524.2 REV 4.1	BROMOFORM	EPA 524.2 REV 4.1	CARBON TETRACHLORIDE
EPA 524.2 REV 4.1	CHLOROBENZENE	EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE
EPA 524.2 REV 4.1	CHLOROFORM	EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE
EPA 524.2 REV 4.1	ETHYLBENZENE	EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)
EPA 524.2 REV 4.1	STYRENE	EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)
EPA 524.2 REV 4.1	TOLUENE	EPA 524.2 REV 4.1	TOTAL TRIHALOMETHANES (TTHMS)
EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE	EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)
EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)	EPA 524.2 REV 4.1	XYLENE (TOTAL)

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1 VAC 30 Chapter 46

Effective: 03/22/2019

EPA 525.2 REV 2	ALACHLOR	EPA 525.2 REV 2	ATRAZINE
EPA 525.2 REV 2	BENZO(A)PYRENE	EPA 525.2 REV 2	BIS(2-ETHYLHEXYL) PHTHALATE (DI(2-ETHYLHEXYL)PHTHALATE), (DEHP)
EPA 525.2 REV 2	BIS(2-ETHYLHEXYL)ADIPATE (DI(2-ETHYLHEXYL)ADIPATE)	EPA 525.2 REV 2	ENDRIN
EPA 525.2 REV 2	GAMMA-BHC (LINDANE, GAMMA-HEXACHLOROCYCLOHEXANE)	EPA 525.2 REV 2	HEPTACHLOR
EPA 525.2 REV 2	HEPTACHLOR EPOXIDE	EPA 525.2 REV 2	HEXACHLOROBENZENE
EPA 525.2 REV 2	HEXACHLOROCYCLOPENTADIENE	EPA 525.2 REV 2	METHOXYCHLOR
EPA 525.2 REV 2	SIMAZINE	EPA 531.1 REV 3.1	CARBOFURAN (FURADEN)
EPA 531.1 REV 3.1	OXAMYL	EPA 547	GLYPHOSATE
EPA 548.1 REV 1	ENDOTHALL	EPA 549.2 REV 1	DIQUAT
EPA 552.3 REV 1	BROMOACETIC ACID	EPA 552.3 REV 1	CHLOROACETIC ACID
EPA 552.3 REV 1	DIBROMOACETIC ACID	EPA 552.3 REV 1	DICHLOROACETIC ACID
EPA 552.3 REV 1	HALOACETIC ACIDS - FIVE (HAA5)	EPA 552.3 REV 1	TRICHLOROACETIC ACID (TCAA)
SM 2120 B-2011	COLOR	SM 2320 B-2011	ALKALINITY AS CaCO ₃
SM 2510 B-2011	CONDUCTIVITY	SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)
SM 5310 C-2011	DISSOLVED ORGANIC CARBON (DOC)	SM 5310 C-2011	TOTAL ORGANIC CARBON (TOC)
SM 5910 B-2011	UV 254		

Eurofins Eaton Analytical, LLC

South Bend, IN

Certificate No.: 10186

Certificate Expiration Date: 03/14/2020

Phone: (574) 472-5523

DCLS Lab ID: 460275

Method	Analyte	Method	Analyte
EPA 1623	CRYPTOSPORIDIUM	EPA 180.1 REV 2	TURBIDITY
EPA 200.7 REV 4.4	CALCIUM	EPA 200.7 REV 4.4	IRON
EPA 200.7 REV 4.4	MAGNESIUM	EPA 200.7 REV 4.4	SILICA AS SiO ₂
EPA 200.7 REV 4.4	SODIUM	EPA 200.8 REV 5.4	ALUMINUM
EPA 200.8 REV 5.4	ANTIMONY	EPA 200.8 REV 5.4	ARSENIC
EPA 200.8 REV 5.4	BARIUM	EPA 200.8 REV 5.4	BERYLLIUM
EPA 200.8 REV 5.4	CADMIUM	EPA 200.8 REV 5.4	CHROMIUM
EPA 200.8 REV 5.4	COPPER	EPA 200.8 REV 5.4	LEAD
EPA 200.8 REV 5.4	MANGANESE	EPA 200.8 REV 5.4	NICKEL
EPA 200.8 REV 5.4	SELENIUM	EPA 200.8 REV 5.4	SILVER
EPA 200.8 REV 5.4	THALLIUM	EPA 200.8 REV 5.4	URANIUM
EPA 200.8 REV 5.4	ZINC	EPA 245.1 REV 3	MERCURY
EPA 300.0 REV 2.1	BROMIDE	EPA 300.0 REV 2.1	CHLORIDE
EPA 300.0 REV 2.1	CHLORITE	EPA 300.0 REV 2.1	FLUORIDE
EPA 300.0 REV 2.1	NITRATE AS N	EPA 300.0 REV 2.1	SULFATE
EPA 300.1	BROMATE	EPA 317.0 REV 2	BROMATE
EPA 335.4 REV 1.0	CYANIDE	EPA 353.2 REV 2	NITRATE AS N
EPA 353.2 REV 2	NITRATE/NITRITE	EPA 353.2 REV 2	NITRITE AS N
EPA 504.1 REV 1.1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	EPA 504.1 REV 1.1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)
EPA 505 REV 2.1	CHLORDANE, TOTAL	EPA 505 REV 2.1	PCBS, AS AROCLORS
EPA 505 REV 2.1	TOXAPHENE (CHLORINATED CAMPHENE)	EPA 515.3 REV 1	2,4-D
EPA 515.3 REV 1	DALAPON	EPA 515.3 REV 1	DINOSEB (2-SEC-BUTYL-4,6-DINITROPHENOL, DNBSP)
EPA 515.3 REV 1	PENTACHLOROPHENOL	EPA 515.3 REV 1	PICLORAM
EPA 515.3 REV 1	SILVEX (2,4,5-TP)	EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE
EPA 524.2 REV 4.1	1,2,4-TRICHLOROETHYLENE	EPA 524.2 REV 4.1	1,2-DICHLOROETHYLENE (O-DICHLOROETHYLENE)
EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)	EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE
EPA 524.2 REV 4.1	1,4-DICHLOROETHYLENE (P-DICHLOROETHYLENE)	EPA 524.2 REV 4.1	BENZENE

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Effective: 03/22/2019

EPA 524.2 REV 4.1	BROMODICHLOROMETHANE	EPA 524.2 REV 4.1	BROMOFORM
EPA 524.2 REV 4.1	CARBON TETRACHLORIDE	EPA 524.2 REV 4.1	CHLOROBENZENE
EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE	EPA 524.2 REV 4.1	CHLOROFORM
EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE	EPA 524.2 REV 4.1	ETHYLBENZENE
EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)	EPA 524.2 REV 4.1	STYRENE
EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)	EPA 524.2 REV 4.1	TOLUENE
EPA 524.2 REV 4.1	TOTAL TRIHALOMETHANES (TTHMS)	EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE
EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)	EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)
EPA 524.2 REV 4.1	XYLENE (TOTAL)	EPA 525.2 REV 2	ALACHLOR
EPA 525.2 REV 2	ATRAZINE	EPA 525.2 REV 2	BENZO(A)PYRENE
EPA 525.2 REV 2	BIS(2-ETHYLHEXYL) PHTHALATE (DI(2-ETHYLHEXYL)PHTHALATE), (DEHP)	EPA 525.2 REV 2	BIS(2-ETHYLHEXYL)ADIPATE (DI(2-ETHYLHEXYL)ADIPATE)
EPA 525.2 REV 2	ENDRIN	EPA 525.2 REV 2	GAMMA-BHC (LINDANE, GAMMA-HEXACHLOROCYCLOHEXANE)
EPA 525.2 REV 2	HEPTACHLOR	EPA 525.2 REV 2	HEPTACHLOR EPOXIDE
EPA 525.2 REV 2	HEXACHLOROBENZENE	EPA 525.2 REV 2	HEXACHLOROCYCLOPENTADIENE
EPA 525.2 REV 2	METHOXYCHLOR	EPA 525.2 REV 2	SIMAZINE
EPA 531.2 REV 1	CARBOFURAN (FURADEN)	EPA 531.2 REV 1	OXAMYL
EPA 547	GLYPHOSATE	EPA 548.1 REV 1	ENDOTHALL
EPA 549.2 REV 1	DIQUAT	EPA 551.1 REV 1	BROMODICHLOROMETHANE
EPA 551.1 REV 1	BROMOFORM	EPA 551.1 REV 1	CHLORODIBROMOMETHANE
EPA 551.1 REV 1	CHLOROFORM	EPA 551.1 REV 1	TOTAL TRIHALOMETHANES (TTHMS)
EPA 552.2 REV 1	BROMOACETIC ACID	EPA 552.2 REV 1	CHLOROACETIC ACID
EPA 552.2 REV 1	DIBROMOACETIC ACID	EPA 552.2 REV 1	DICHLOROACETIC ACID
EPA 552.2 REV 1	HALOACETIC ACIDS - FIVE (HAA5)	EPA 552.2 REV 1	TRICHLOROACETIC ACID (TCAA)
EPA 552.3 REV 1	BROMOACETIC ACID	EPA 552.3 REV 1	CHLOROACETIC ACID
EPA 552.3 REV 1	DIBROMOACETIC ACID	EPA 552.3 REV 1	DICHLOROACETIC ACID
EPA 552.3 REV 1	HALOACETIC ACIDS - FIVE (HAA5)	EPA 552.3 REV 1	TRICHLOROACETIC ACID (TCAA)
EPA 906.0	TRITIUM	SIMPLATE	HETEROTROPHIC PLATE COUNT
SM 2120 B-2011	COLOR	SM 2320 B-2011	ALKALINITY AS CaCO ₃
SM 2510 B-2011	CONDUCTIVITY	SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)
SM 4500-F ⁻ C-2011	FLUORIDE	SM 4500-P E-2011	ORTHOPHOSPHATE AS P
SM 5310 C-2011	DISSOLVED ORGANIC CARBON (DOC)	SM 5310 C-2011	TOTAL ORGANIC CARBON (TOC)
SM 5910 B-2011	UV 254	SM 7110 B-2011	GROSS ALPHA
SM 7110 B-2011	GROSS BETA	SM 7110 C-2011	GROSS ALPHA
SM 7500-RA B (GPC) -2011	RADIUM-226	SM 7500-RA D-2011	RADIUM-228
SM 9223 COLILERT MPN	ESCHERICHIA COLI	SM 9223 COLISURE®	ESCHERICHIA COLI
SM 9223 COLISURE®	TOTAL COLIFORMS		

Florida Radiochemistry Services, Inc.
Orlando, FL

Phone: (407) 382-7733
DCLS Lab ID: 460276

Certificate No.: 10207

Certificate Expiration Date: 03/14/2020

Method	Analyte	Method	Analyte
EPA 900.0	GROSS ALPHA	EPA 900.0	GROSS BETA
EPA 903.0	RADIUM-226	EPA 903.1	RADIUM-226
EPA 908.0	URANIUM	EPA RA-05	RADIUM-228

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1 VAC 30 Chapter 46
Effective: 03/22/2019

Microbac Laboratories, Inc. - Dayville, CT
Dayville, CT

Phone: (860) 774-6814
DCLS Lab ID: 460279

Certificate No.: 9724

Certificate Expiration Date: 06/14/2019

Method	Analyte	Method	Analyte
EPA 200.7 REV 4.4	BARIUM	EPA 200.7 REV 4.4	BERYLLIUM
EPA 200.7 REV 4.4	CADMIUM	EPA 200.7 REV 4.4	CALCIUM
EPA 200.7 REV 4.4	CHROMIUM	EPA 200.7 REV 4.4	COPPER
EPA 200.7 REV 4.4	IRON	EPA 200.7 REV 4.4	MAGNESIUM
EPA 200.7 REV 4.4	MANGANESE	EPA 200.7 REV 4.4	NICKEL
EPA 200.7 REV 4.4	SILVER	EPA 200.7 REV 4.4	SODIUM
EPA 200.7 REV 4.4	ZINC	EPA 200.8 REV 5.4	ALUMINUM
EPA 200.8 REV 5.4	ANTIMONY	EPA 200.8 REV 5.4	ARSENIC
EPA 200.8 REV 5.4	BARIUM	EPA 200.8 REV 5.4	BERYLLIUM
EPA 200.8 REV 5.4	CADMIUM	EPA 200.8 REV 5.4	CHROMIUM
EPA 200.8 REV 5.4	COPPER	EPA 200.8 REV 5.4	LEAD
EPA 200.8 REV 5.4	MANGANESE	EPA 200.8 REV 5.4	NICKEL
EPA 200.8 REV 5.4	SELENIUM	EPA 200.8 REV 5.4	SILVER
EPA 200.8 REV 5.4	THALLIUM	EPA 200.8 REV 5.4	URANIUM
EPA 200.8 REV 5.4	ZINC	EPA 245.2	MERCURY
EPA 504.1 REV 1.1	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	EPA 504.1 REV 1.1	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)
EPA 505 REV 2.1	ALACHLOR	EPA 505 REV 2.1	CHLORDANE, TOTAL
EPA 505 REV 2.1	ENDRIN	EPA 505 REV 2.1	GAMMA-BHC (LINDANE, GAMMA-HEXACHLOROCYCLOHEXANE)
EPA 505 REV 2.1	HEPTACHLOR	EPA 505 REV 2.1	HEPTACHLOR EPOXIDE
EPA 505 REV 2.1	HEXACHLOROBENZENE	EPA 505 REV 2.1	HEXACHLOROCYCLOPENTADIENE
EPA 505 REV 2.1	METHOXYCHLOR	EPA 505 REV 2.1	TOXAPHENE (CHLORINATED CAMPHENE)
EPA 515.3 REV 1	2,4-D	EPA 515.3 REV 1	DALAPON
EPA 515.3 REV 1	DINOSEB	EPA 515.3 REV 1	PENTACHLOROPHENOL
EPA 515.3 REV 1	(2-SEC-BUTYL-4,6-DINITROPHENOL, DNBP)		
EPA 515.3 REV 1	PICLORAM	EPA 515.3 REV 1	SILVEX (2,4,5-TP)
EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE	EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE
EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE	EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE
EPA 524.2 REV 4.1	1,2-DICHLOROETHYLENE (O-DICHLOROETHYLENE)	EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)
EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE	EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)
EPA 524.2 REV 4.1	BENZENE	EPA 524.2 REV 4.1	BROMODICHLOROMETHANE
EPA 524.2 REV 4.1	BROMOFORM	EPA 524.2 REV 4.1	CARBON TETRACHLORIDE
EPA 524.2 REV 4.1	CHLOROBENZENE	EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE
EPA 524.2 REV 4.1	CHLOROFORM	EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE
EPA 524.2 REV 4.1	ETHYLBENZENE	EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)
EPA 524.2 REV 4.1	STYRENE	EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)
EPA 524.2 REV 4.1	TOLUENE	EPA 524.2 REV 4.1	TOTAL TRIHALOMETHANES (TTHMS)
EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE	EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)
EPA 524.2 REV 4.1	VINYL CHLORIDE (CHLOROETHENE)	EPA 524.2 REV 4.1	XYLENE (TOTAL)
EPA 525.2 REV 2	ALACHLOR	EPA 525.2 REV 2	ATRAZINE
EPA 525.2 REV 2	BENZO(A)PYRENE	EPA 525.2 REV 2	BIS(2-ETHYLHEXYL) PHTHALATE (DI(2-ETHYLHEXYL)PHTHALATE), (DEHP)
EPA 525.2 REV 2	BIS(2-ETHYLHEXYL)ADIPATE (DI(2-ETHYLHEXYL)ADIPATE)	EPA 525.2 REV 2	ENDRIN
EPA 525.2 REV 2	GAMMA-BHC (LINDANE, GAMMA-HEXACHLOROCYCLOHEXANE)	EPA 525.2 REV 2	HEPTACHLOR
EPA 525.2 REV 2	HEPTACHLOR EPOXIDE	EPA 525.2 REV 2	HEXACHLOROBENZENE
EPA 525.2 REV 2	HEXACHLOROCYCLOPENTADIENE	EPA 525.2 REV 2	METHOXYCHLOR

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1 VAC 30 Chapter 46

Effective: 03/22/2019

EPA 525.2 REV 2	SIMAZINE	EPA 531.2 REV 1	CARBOFURAN (FURADEN)
EPA 531.2 REV 1	OXAMYL	EPA 547	GLYPHOSATE
EPA 552.2 REV 1	BROMOACETIC ACID	EPA 552.2 REV 1	CHLOROACETIC ACID
EPA 552.2 REV 1	DIBROMOACETIC ACID	EPA 552.2 REV 1	DICHLOROACETIC ACID
EPA 552.2 REV 1	HALOACETIC ACIDS - FIVE (HAA5)	EPA 552.2 REV 1	TRICHLOROACETIC ACID (TCAA)

Microbac Laboratories Inc., Baltimore Division

Baltimore, MD

Certificate No.: 10190

Certificate Expiration Date: 03/14/2020

Phone:

DCLS Lab ID: 460285

Method	Analyte	Method	Analyte
EPA 180.1 REV 2	TURBIDITY	EPA 200.7 REV 4.4	ALUMINUM
EPA 200.7 REV 4.4	BARIUM	EPA 200.7 REV 4.4	BERYLLIUM
EPA 200.7 REV 4.4	CADMIUM	EPA 200.7 REV 4.4	CALCIUM
EPA 200.7 REV 4.4	CHROMIUM	EPA 200.7 REV 4.4	IRON
EPA 200.7 REV 4.4	MAGNESIUM	EPA 200.7 REV 4.4	MANGANESE
EPA 200.7 REV 4.4	NICKEL	EPA 200.7 REV 4.4	SILICA AS SIO2
EPA 200.7 REV 4.4	SILVER	EPA 200.7 REV 4.4	SODIUM
EPA 200.7 REV 4.4	ZINC	EPA 200.8 REV 5.4	ALUMINUM
EPA 200.8 REV 5.4	ANTIMONY	EPA 200.8 REV 5.4	ARSENIC
EPA 200.8 REV 5.4	BARIUM	EPA 200.8 REV 5.4	BERYLLIUM
EPA 200.8 REV 5.4	CADMIUM	EPA 200.8 REV 5.4	CHROMIUM
EPA 200.8 REV 5.4	COPPER	EPA 200.8 REV 5.4	LEAD
EPA 200.8 REV 5.4	MANGANESE	EPA 200.8 REV 5.4	NICKEL
EPA 200.8 REV 5.4	SELENIUM	EPA 200.8 REV 5.4	SILVER
EPA 200.8 REV 5.4	THALLIUM	EPA 200.8 REV 5.4	ZINC
EPA 245.1 REV 3	MERCURY	EPA 300.0 REV 2.1	CHLORIDE
EPA 300.0 REV 2.1	FLUORIDE	EPA 300.0 REV 2.1	NITRATE AS N
EPA 300.0 REV 2.1	NITRITE AS N	EPA 300.0 REV 2.1	ORTHOPHOSPHATE AS P
EPA 300.0 REV 2.1	SULFATE	EPA 335.4 REV 1.0	CYANIDE
EPA 353.2 REV 2	NITRATE AS N	EPA 353.2 REV 2	NITRATE/NITRITE
EPA 353.2 REV 2	NITRITE AS N	OIA-1677, DW	CYANIDE
SM 2120 B-2011	COLOR	SM 2150 B-2011	ODOR
SM 2320 B-2011	ALKALINITY AS CaCO3	SM 2510 B-2011	CONDUCTIVITY
SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)	SM 4500-CL G-2011	RESIDUAL FREE CHLORINE
SM 4500-H+ B-2011	PH	SM 4500-P E-2011	ORTHOPHOSPHATE AS P
SM 5540 C-2011	SURFACTANTS - MBAS	SM 9215 B-2004	HETEROTROPHIC PLATE COUNT
SM 9223 COLILERT	ESCHERICHIA COLI	SM 9223 COLILERT	TOTAL COLIFORMS
MPN		MPN	
SM 9223 COLILERT P/A	ESCHERICHIA COLI	SM 9223 COLILERT P/A	TOTAL COLIFORMS

Charlotte Water - Environmental Laboratory Services

Charlotte, NC

Certificate No.: 10174

Certificate Expiration Date: 03/14/2020

Phone: (704) 336-3690

DCLS Lab ID: 460286

Method	Analyte	Method	Analyte
EPA 1623	CRYPTOSPORIDIUM	SM 9223 COLILERT	ESCHERICHIA COLI
		MPN	