



Laboratory Scope of Accreditation

Attached to Certificate of Accreditation 011-003 expiration date September 30, 2015. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

DEP Laboratory ID: 40-00115

EPA Lab Code: PA00006

(570) 822-4278

PADWIS ID: 40115

A E Kirby Memorial Health Center
71 North Franklin Street
Wilkes-Barre, PA 18701

Matrix: Drinking Water

Method	Revision	Analyte	Accreditation Type	Primary	Effective Date
EPA 1664	A	Oil and grease	State	PA	9/13/2010
EPA 200.2		Metals sample preparation	State	PA	11/4/2014
EPA 200.7	4.4	Aluminum	State	PA	1/18/2011
EPA 200.7	4.4	Barium	State	PA	1/18/2011
EPA 200.7	4.4	Boron	State	PA	1/18/2011
EPA 200.7	4.4	Calcium	State	PA	1/18/2011
EPA 200.7	4.4	Chromium	State	PA	1/18/2011
EPA 200.7	4.4	Cobalt	State	PA	9/14/2012
EPA 200.7	4.4	Copper	State	PA	1/18/2011
EPA 200.7	4.4	Iron	State	PA	1/18/2011
EPA 200.7	4.4	Lithium	State	PA	1/18/2011
EPA 200.7	4.4	Magnesium	State	PA	1/18/2011
EPA 200.7	4.4	Manganese	State	PA	1/18/2011
EPA 200.7	4.4	Nickel	State	PA	1/18/2011
EPA 200.7	4.4	Potassium	State	PA	1/18/2011
EPA 200.7	4.4	Silica, as SiO2	State	PA	1/18/2011
EPA 200.7	4.4	Silicon	State	PA	1/18/2011
EPA 200.7	4.4	Silver	State	PA	1/18/2011
EPA 200.7	4.4	Sodium	State	PA	9/14/2012
EPA 200.7	4.4	Strontium	State	PA	1/18/2011
EPA 200.7	4.4	Titanium	State	PA	1/18/2011
EPA 200.7	4.4	Zinc	State	PA	1/18/2011
EPA 200.8	5.4	Aluminum	State	PA	1/18/2011
EPA 200.8	5.4	Antimony	State	PA	6/27/2006
EPA 200.8	5.4	Arsenic	State	PA	12/15/2003
EPA 200.8	5.4	Barium	State	PA	12/15/2003
EPA 200.8	5.4	Beryllium	State	PA	12/15/2003
EPA 200.8	5.4	Cadmium	State	PA	12/15/2003
EPA 200.8	5.4	Chromium	State	PA	12/15/2003
EPA 200.8	5.4	Cobalt	State	PA	12/15/2003
EPA 200.8	5.4	Copper	State	PA	9/18/2013
EPA 200.8	5.4	Lead	State	PA	12/15/2003
EPA 200.8	5.4	Manganese	State	PA	12/15/2003
EPA 200.8	5.4	Mercury	State	PA	6/27/2006
EPA 200.8	5.4	Molybdenum	State	PA	12/15/2003
EPA 200.8	5.4	Nickel	State	PA	1/24/2013
EPA 200.8	5.4	Selenium	State	PA	12/15/2003
EPA 200.8	5.4	Silver	State	PA	12/15/2003
EPA 200.8	5.4	Thallium	State	PA	12/15/2003

Raven Alger

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EPA Lab Code: PA00006

(570) 822-4278

PADWIS ID: 40115

Matrix: Drinking Water

Method	Revision	Analyte	Accreditation Type	Primary	Effective Date
EPA 200.8	5.4	Uranium, total	State	PA	7/29/2014
EPA 200.8	5.4	Vanadium	State	PA	1/24/2013
EPA 200.8	5.4	Zinc	State	PA	11/27/2006
EPA 200.9	2.2	Lead	State	PA	12/15/2003
EPA 300.0	2.1	Bromide	State	PA	12/8/2010
EPA 300.0	2.1	Chloride	State	PA	12/19/2006
EPA 300.0	2.1	Fluoride	State	PA	3/1/2006
EPA 300.0	2.1	Nitrate as N	State	PA	3/1/2006
EPA 300.0	2.1	Nitrite as N	State	PA	12/18/2013
EPA 300.0	2.1	Orthophosphate as P	State	PA	12/21/2011
EPA 300.0	2.1	Sulfate	State	PA	3/1/2006
EPA 300.0	2.1	Total nitrate-nitrite	State	PA	12/21/2011
EPA 502.2	2.1	1,1,1-Trichloroethane	State	PA	6/13/2013
EPA 502.2	2.1	1,1,2-Trichloroethane	State	PA	6/13/2013
EPA 502.2	2.1	1,1-Dichloroethene (1,1-Dichloroethylene)	State	PA	6/13/2013
EPA 502.2	2.1	1,2,4-Trichlorobenzene	State	PA	6/13/2013
EPA 502.2	2.1	1,2-Dichlorobenzene (o-Dichlorobenzene)	State	PA	6/13/2013
EPA 502.2	2.1	1,2-Dichloroethane	State	PA	6/13/2013
EPA 502.2	2.1	1,2-Dichloropropane	State	PA	6/13/2013
EPA 502.2	2.1	1,4-Dichlorobenzene (p-Dichlorobenzene)	State	PA	6/13/2013
EPA 502.2	2.1	Benzene	State	PA	6/13/2013
EPA 502.2	2.1	Bromodichloromethane	State	PA	6/13/2013
EPA 502.2	2.1	Bromoform	State	PA	6/13/2013
EPA 502.2	2.1	Carbon tetrachloride	State	PA	6/13/2013
EPA 502.2	2.1	Chlorobenzene	State	PA	6/13/2013
EPA 502.2	2.1	Chloroform	State	PA	6/13/2013
EPA 502.2	2.1	Dibromochloromethane	State	PA	6/13/2013
EPA 502.2	2.1	Ethylbenzene	State	PA	6/13/2013
EPA 502.2	2.1	Methyl tert-butyl ether (MTBE)	State	PA	6/13/2013
EPA 502.2	2.1	Methylene chloride (Dichloromethane)	State	PA	6/13/2013
EPA 502.2	2.1	Styrene	State	PA	6/13/2013
EPA 502.2	2.1	Tetrachloroethene (PCE, Perchloroethylene)	State	PA	6/13/2013
EPA 502.2	2.1	Toluene	State	PA	6/13/2013
EPA 502.2	2.1	Total trihalomethanes (TTHMs)	State	PA	6/13/2013
EPA 502.2	2.1	Trichloroethene (TCE, Trichloroethylene)	State	PA	6/13/2013
EPA 502.2	2.1	Vinyl chloride (Chloroethene)	State	PA	6/13/2013
EPA 502.2	2.1	Xylenes, total	State	PA	6/13/2013
EPA 502.2	2.1	cis-1,2-Dichloroethene	State	PA	6/13/2013
EPA 502.2	2.1	trans-1,2-Dichloroethene	State	PA	6/13/2013
SM 2120 B		Color	State	PA	11/27/2006
SM 2130 B		Turbidity	State	PA	11/27/2006
SM 2310 B		Acidity as CaCO ₃	State	PA	11/28/2011
SM 2320 B		Alkalinity as CaCO ₃	State	PA	12/15/2003
SM 2340 C		Total hardness as CaCO ₃	State	PA	9/4/2008
SM 2510 B		Conductivity	State	PA	8/27/2008



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Laboratory Scope of Accreditation

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DEP Laboratory ID: 40-00115

EPA Lab Code: PA00006

(570) 822-4278

PADWIS ID: 40115

Matrix: Drinking Water

Method	Revision	Analyte	Accreditation Type	Primary	Effective Date
SM 2540 B		Residue, total	State	PA	12/8/2010
SM 2540 C		Residue, filterable (TDS)	State	PA	12/15/2003
SM 2540 D		Residue, nonfilterable (TSS)	State	PA	9/13/2010
SM 3112 B		Mercury	State	PA	11/27/2006
SM 4500-CN- C/E		Cyanide	State	PA	11/27/2006
SM 4500-CI G		Total residual chlorine	State	PA	6/3/2010
SM 4500-H+ B		pH	State	PA	12/15/2003
SM 4500-NH3 B		Ammonia distillation	State	PA	11/28/2011
SM 4500-NH3 D		Ammonia as N	State	PA	11/4/2014
SM 4500-NH3 D		Kjeldahl nitrogen, total (TKN)	State	PA	11/4/2014
SM 4500-NH3 F	18	Ammonia as N	State	PA	11/28/2011
SM 4500-NO2- B		Nitrite as N	State	PA	6/27/2006
SM 4500-P B		Preliminary treatment of phosphate samples	State	PA	9/14/2012
SM 4500-P E		Phosphorus, total	State	PA	9/14/2012
SM 5310 C		Total organic carbon (TOC)	State	PA	10/7/2010
SM 5540 C		Surfactants as MBAS	State	PA	9/25/2007
SM 9222 B		Total coliform (Enumeration)	State	PA	7/29/2014
SM 9222 B + 9222 G or 9221 F [EC+MUG]		Total coliform & E. coli	State	PA	6/24/2010
SM 9223 Colilert		Total coliform & E. coli	State	PA	1/18/2011
SimPlate		Heterotrophic bacteria (Enumeration)	State	PA	2/14/2011

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary	Effective Date
EPA 160.4		Residue, volatile	State	PA	5/30/2008
EPA 1664	A	Oil and grease	State	PA	11/25/2008
EPA 200.2		Metals sample preparation	State	PA	11/4/2014
EPA 200.7	4.4	Aluminum	State	PA	2/7/2011
EPA 200.7	4.4	Barium	State	PA	2/7/2011
EPA 200.7	4.4	Boron	State	PA	2/7/2011
EPA 200.7	4.4	Cadmium	State	PA	2/7/2011
EPA 200.7	4.4	Calcium	State	PA	1/18/2011
EPA 200.7	4.4	Chromium	State	PA	9/14/2012
EPA 200.7	4.4	Cobalt	State	PA	2/7/2011
EPA 200.7	4.4	Copper	State	PA	2/7/2011
EPA 200.7	4.4	Iron	State	PA	2/7/2011
EPA 200.7	4.4	Lead	State	PA	2/7/2011
EPA 200.7	4.4	Lithium	State	PA	1/18/2011
EPA 200.7	4.4	Magnesium	State	PA	1/18/2011
EPA 200.7	4.4	Manganese	State	PA	2/7/2011
EPA 200.7	4.4	Nickel	State	PA	2/7/2011
EPA 200.7	4.4	Potassium	State	PA	2/4/2013
EPA 200.7	4.4	Silica, as SiO2	State	PA	1/18/2011
EPA 200.7	4.4	Silicon	State	PA	1/18/2011

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Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary	Effective Date
EPA 200.7	4.4	Silver	State	PA	9/14/2012
EPA 200.7	4.4	Sodium	State	PA	1/18/2011
EPA 200.7	4.4	Strontium	State	PA	2/7/2011
EPA 200.7	4.4	Titanium	State	PA	2/7/2011
EPA 200.7	4.4	Zinc	State	PA	2/7/2011
EPA 200.8	5.4	Aluminum	State	PA	11/27/2006
EPA 200.8	5.4	Antimony	State	PA	11/27/2006
EPA 200.8	5.4	Arsenic	State	PA	11/27/2006
EPA 200.8	5.4	Barium	State	PA	11/27/2006
EPA 200.8	5.4	Beryllium	State	PA	11/27/2006
EPA 200.8	5.4	Cadmium	State	PA	11/27/2006
EPA 200.8	5.4	Chromium	State	PA	11/27/2006
EPA 200.8	5.4	Cobalt	State	PA	11/27/2006
EPA 200.8	5.4	Copper	State	PA	11/27/2006
EPA 200.8	5.4	Lead	State	PA	11/27/2006
EPA 200.8	5.4	Manganese	State	PA	11/27/2006
EPA 200.8	5.4	Molybdenum	State	PA	11/27/2006
EPA 200.8	5.4	Nickel	State	PA	11/27/2006
EPA 200.8	5.4	Selenium	State	PA	11/27/2006
EPA 200.8	5.4	Silver	State	PA	11/27/2006
EPA 200.8	5.4	Thallium	State	PA	11/27/2006
EPA 200.8	5.4	Uranium, total	State	PA	7/29/2014
EPA 200.8	5.4	Vanadium	State	PA	11/27/2006
EPA 200.8	5.4	Zinc	State	PA	11/8/2007
EPA 300.0	2.1	Bromide	State	PA	5/15/2013
EPA 300.0	2.1	Chloride	State	PA	11/27/2006
EPA 300.0	2.1	Fluoride	State	PA	11/27/2006
EPA 300.0	2.1	Nitrate as N	State	PA	11/27/2006
EPA 300.0	2.1	Nitrite as N	State	PA	12/19/2006
EPA 300.0	2.1	Orthophosphate as P	State	PA	8/19/2009
EPA 300.0	2.1	Sulfate	State	PA	11/27/2006
EPA 300.0	2.1	Total nitrate-nitrite	State	PA	11/27/2006
SM 2130 B		Turbidity	State	PA	11/27/2006
SM 2310 B		Acidity as CaCO ₃	State	PA	5/30/2008
SM 2320 B		Alkalinity as CaCO ₃	State	PA	11/27/2006
SM 2340 C		Total hardness as CaCO ₃	State	PA	5/30/2008
SM 2510 B		Conductivity	State	PA	11/27/2006
SM 2540 B		Residue, total	State	PA	5/30/2008
SM 2540 C		Residue, filterable (TDS)	State	PA	11/27/2006
SM 2540 D		Residue, nonfilterable (TSS)	State	PA	5/30/2008
SM 2540 E		Volatile suspended solids	State	PA	6/27/2006
SM 2540 F		Residue, settleable	State	PA	5/30/2008
SM 3112 B		Mercury	State	PA	11/27/2006
SM 3500-Cr D	18/19	Chromium VI	State	PA	5/30/2008
SM 4500-CN- C/E		Cyanide	State	PA	11/27/2006

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Method	Revision	Analyte	Accreditation Type	Primary	Effective Date
SM 4500-Cl G		Total residual chlorine	State	PA	7/29/2014
SM 4500-H+ B		pH	State	PA	11/27/2006
SM 4500-NH3 B		Ammonia distillation	State	PA	11/25/2008
SM 4500-NH3 D		Ammonia as N	State	PA	11/4/2014
SM 4500-NH3 D		Kjeldahl nitrogen, total (TKN)	State	PA	11/4/2014
SM 4500-NH3 F	18	Ammonia as N	State	PA	11/25/2008
SM 4500-NH3 F	18	Kjeldahl nitrogen, total (TKN)	State	PA	11/25/2008
SM 4500-NO2- B		Nitrite as N	State	PA	12/19/2006
SM 4500-Norg C		Kjeldahl nitrogen, total (TKN)	State	PA	11/25/2008
SM 4500-O G		Oxygen (dissolved)	State	PA	11/25/2008
SM 4500-P B		Preliminary treatment of phosphate samples	State	PA	9/18/2013
SM 4500-P E		Orthophosphate as P	State	PA	5/30/2008
SM 4500-P E		Phosphorus, total	State	PA	5/30/2008
SM 5210 B		Biochemical oxygen demand (BOD)	State	PA	11/25/2008
SM 5210 B		Carbonaceous BOD (CBOD)	State	PA	11/25/2008
SM 5220 D		Chemical oxygen demand (COD)	State	PA	5/30/2008
SM 5310 C		Total organic carbon (TOC)	State	PA	11/25/2008
SM 5540 C		Surfactants as MBAS	State	PA	9/25/2007
SM 9222 B		Total coliform (Enumeration)	State	PA	12/19/2006
SM 9222 D		Fecal coliform (Enumeration)	State	PA	11/25/2008
SM 9222 D/9222 G		E. coli (Enumeration)	State	PA	11/25/2008
SM 9223 Colilert		Total coliform & E. coli	State	PA	1/18/2011

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary	Effective Date
ASTM D3987-85		Shake extraction of solid waste with water	State	PA	11/25/2008
EPA 1311		Toxicity characteristic leaching procedure (TCLP)	State	PA	11/25/2008
EPA 1312		Synthetic precipitation leaching procedure (SPLP)	State	PA	11/25/2008
EPA 3050	B	Acid digestion of solids	State	PA	5/30/2008
EPA 3051		Microwave digestion of solids (HNO3 + HCl)	State	PA	11/20/2014
EPA 3051		Microwave digestion of solids (HNO3 only)	State	PA	1/21/2010
EPA 6010		Antimony	State	PA	1/24/2013
EPA 6010		Barium	State	PA	1/24/2013
EPA 6010		Beryllium	State	PA	1/24/2013
EPA 6010		Boron	State	PA	1/24/2013
EPA 6010		Cadmium	State	PA	1/24/2013
EPA 6010		Chromium	State	PA	1/24/2013
EPA 6010		Cobalt	State	PA	1/24/2013
EPA 6010		Copper	State	PA	1/24/2013
EPA 6010		Lead	State	PA	1/24/2013
EPA 6010		Magnesium	State	PA	1/24/2013



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PADWIS ID: 40115

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary	Effective Date
EPA 6010		Manganese	State	PA	1/24/2013
EPA 6010	B	Metals by ICP/AES	State	PA	1/24/2013
EPA 6010		Nickel	State	PA	1/24/2013
EPA 6010		Potassium	State	PA	1/24/2013
EPA 6010		Silver	State	PA	1/24/2013
EPA 6010		Sodium	State	PA	1/24/2013
EPA 6010		Strontium	State	PA	1/24/2013
EPA 6010		Titanium	State	PA	1/24/2013
EPA 6010		Vanadium	State	PA	1/24/2013
EPA 6010		Zinc	State	PA	1/24/2013
EPA 6020		Aluminum	State	PA	1/17/2007
EPA 6020		Antimony	State	PA	1/17/2007
EPA 6020		Arsenic	State	PA	1/17/2007
EPA 6020		Barium	State	PA	1/17/2007
EPA 6020		Beryllium	State	PA	1/17/2007
EPA 6020		Cadmium	State	PA	1/17/2007
EPA 6020		Chromium	State	PA	1/17/2007
EPA 6020		Cobalt	State	PA	1/17/2007
EPA 6020		Copper	State	PA	1/17/2007
EPA 6020		Lead	State	PA	1/17/2007
EPA 6020		Manganese	State	PA	1/17/2007
EPA 6020	A	Metals by ICP/MS	State	PA	1/24/2013
EPA 6020		Molybdenum	State	PA	1/17/2007
EPA 6020		Nickel	State	PA	1/17/2007
EPA 6020		Selenium	State	PA	1/17/2007
EPA 6020		Silver	State	PA	1/17/2007
EPA 6020		Thallium	State	PA	1/17/2007
EPA 6020		Vanadium	State	PA	1/17/2007
EPA 6020		Zinc	State	PA	1/17/2007
EPA 7471		Mercury	State	PA	1/17/2007
EPA 9010		Total cyanide	State	PA	1/17/2007
EPA 9014		Total cyanide	State	PA	1/17/2007
EPA 9045		pH	State	PA	1/17/2007
EPA 9095	A	Paint filter liquids test	State	PA	11/25/2008
SM 2540 G		Residue, total	State	PA	8/19/2009
SM 2540 G		Residue, volatile	State	PA	8/19/2009



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