

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BUREAU OF LABORATORIES LABORATORY ACCREDITATION PROGRAM



pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION



Certifies That

68-00362

National Testing Laboratories LTD
556 South Mansfield Street, Ypsilanti, MI, 48197

Having duly met the requirement of

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

dealing with Environmental Laboratories Accreditation

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

National Environmental Laboratory Accreditation Program Standard

is hereby approved as an

Accredited Laboratory

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

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

Expiration Date: **04/30/2020**

Certificate Number: **016**

A handwritten signature in black ink, reading "Aaren Alger".

Continued accreditation status depends on successful ongoing participation in the program
Certificate not transferable Surrender upon revocation

To be conspicuously displayed at the Laboratory

Not valid unless accompanied by a valid Scope of Accreditation

Shall not be used to imply endorsement by the Commonwealth of Pennsylvania

Customers are urged to verify the laboratory's current accreditation status

PA DEP is a NELAP recognized accreditation body

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

Attached to Certificate of Accreditation 016-001 expiration date 04/30/2020. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

National Testing Laboratories LTD
556 South Mansfield Street
Ypsilanti, MI 48197
(734) 483-8333

DEP Laboratory ID: 68-00362
EPA Lab Code: MI00044
TNI Code: TNI02138
PADWIS ID: 68362

Matrix: Drinking Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 150.1		pH	NELAP	LA	03/29/2001
EPA 200.7	4.4	Aluminum	NELAP	LA	02/17/2005
EPA 200.7	4.4	Barium	NELAP	LA	03/29/2001
EPA 200.7	4.4	Beryllium	NELAP	LA	03/29/2001
EPA 200.7	4.4	Boron	NELAP	LA	08/30/2006
EPA 200.7	4.4	Cadmium	NELAP	LA	03/29/2001
EPA 200.7	4.4	Calcium	NELAP	LA	02/17/2005
EPA 200.7	4.4	Chromium	NELAP	LA	03/12/2010
EPA 200.7	4.4	Copper	NELAP	LA	03/29/2001
EPA 200.7	4.4	Iron	NELAP	LA	02/17/2005
EPA 200.7	4.4	Lithium	NELAP	PA	04/02/2014
EPA 200.7	4.4	Magnesium	NELAP	LA	03/08/2006
EPA 200.7	4.4	Manganese	NELAP	LA	02/17/2005
EPA 200.7	4.4	Nickel	NELAP	LA	10/29/2010
EPA 200.7	4.4	Potassium	NELAP	LA	08/30/2006
EPA 200.7	4.4	Silica, as SiO ₂	NELAP	LA	12/01/2009
EPA 200.7	4.4	Silver	NELAP	LA	03/29/2001
EPA 200.7	4.4	Sodium	NELAP	LA	03/29/2001
EPA 200.7	4.4	Strontium	NELAP	PA	04/02/2014
EPA 200.7	4.4	Vanadium	NELAP	LA	02/28/2012
EPA 200.7	4.4	Zinc	NELAP	LA	02/17/2005
EPA 200.8	5.4	Antimony	NELAP	LA	03/29/2001
EPA 200.8	5.4	Arsenic	NELAP	LA	03/29/2001
EPA 200.8	5.4	Barium	NELAP	LA	03/29/2001
EPA 200.8	5.4	Beryllium	NELAP	LA	03/29/2001
EPA 200.8	5.4	Cadmium	NELAP	LA	03/29/2001
EPA 200.8	5.4	Chromium	NELAP	LA	03/29/2001
EPA 200.8	5.4	Copper	NELAP	LA	03/29/2001
EPA 200.8	5.4	Lead	NELAP	LA	03/29/2001
EPA 200.8	5.4	Mercury	NELAP	LA	03/12/2010
EPA 200.8	5.4	Nickel	NELAP	LA	03/29/2001
EPA 200.8	5.4	Selenium	NELAP	LA	03/29/2001
EPA 200.8	5.4	Silver	NELAP	LA	03/29/2001
EPA 200.8	5.4	Thallium	NELAP	LA	03/29/2001
EPA 200.8	5.4	Uranium, total	NELAP	LA	12/01/2009
EPA 200.8	5.4	Zinc	NELAP	LA	02/17/2005
EPA 300.0	2.1	Bromide	NELAP	LA	03/11/2003
EPA 300.0	2.1	Chloride	NELAP	LA	02/17/2005
EPA 300.0	2.1	Fluoride	NELAP	LA	03/29/2001
EPA 300.0	2.1	Nitrate as N	NELAP	LA	03/29/2001
EPA 300.0	2.1	Nitrite as N	NELAP	LA	03/29/2001
EPA 300.0	2.1	Orthophosphate as P	NELAP	LA	02/17/2005



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Ypsilanti, MI 48197
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DEP Laboratory ID: 68-00362
EPA Lab Code: MI00044
TNI Code: TNI02138
PADWIS ID: 68362

Matrix: Drinking Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 300.0	2.1	Sulfate	NELAP	LA	03/29/2001
EPA 300.0	2.1	Total nitrate-nitrite	NELAP	LA	02/28/2012
EPA 300.1	1.0	Bromate	NELAP	LA	03/11/2003
EPA 300.1	1.0	Bromide	NELAP	LA	03/11/2003
EPA 300.1	1.0	Chlorate	NELAP	LA	02/28/2012
EPA 300.1	1.0	Chlorite	NELAP	LA	03/11/2003
EPA 326.0	1	Bromate	NELAP	LA	01/24/2014
EPA 504.1	1.1	1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	NELAP	LA	03/29/2001
EPA 504.1	1.1	1,2-Dibromoethane (EDB, Ethylene dibromide)	NELAP	LA	03/29/2001
EPA 505	2.1	Aldrin (HHDN)	NELAP	LA	03/29/2001
EPA 505	2.1	Chlordane (tech.)	NELAP	LA	03/29/2001
EPA 505	2.1	Dieldrin	NELAP	LA	03/29/2001
EPA 505	2.1	Heptachlor	NELAP	LA	03/29/2001
EPA 505	2.1	Heptachlor epoxide	NELAP	LA	03/29/2001
EPA 505	2.1	Hexachlorobenzene	NELAP	LA	03/11/2003
EPA 505	2.1	Hexachlorocyclopentadiene	NELAP	LA	03/11/2003
EPA 505	2.1	Methoxychlor	NELAP	LA	03/29/2001
EPA 505	2.1	PCBs (screen as individual aroclors)	NELAP	LA	02/17/2005
EPA 505	2.1	Toxaphene (Chlorinated camphene)	NELAP	LA	03/29/2001
EPA 505	2.1	Trifluralin (Treflan)	NELAP	LA	02/28/2012
EPA 505	2.1	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	NELAP	LA	03/29/2001
EPA 515.4	1.0	2,4,5-TP (Silvex)	NELAP	LA	01/24/2014
EPA 515.4	1.0	2,4-D	NELAP	LA	01/24/2014
EPA 515.4	1.0	Bentazon	NELAP	LA	01/24/2014
EPA 515.4	1.0	Dalapon (2,2-Dichloropropionic acid)	NELAP	LA	01/24/2014
EPA 515.4	1.0	Dicamba	NELAP	LA	01/24/2014
EPA 515.4	1.0	Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)	NELAP	LA	01/24/2014
EPA 515.4	1.0	Pentachlorophenol (PCP)	NELAP	LA	01/24/2014
EPA 515.4	1.0	Picloram (4-Amino-3,5,6-trichloro-2-pyridinecarboxylic acid)	NELAP	LA	01/24/2014
EPA 524.2	4.1	1,1,1,2-Tetrachloroethane	NELAP	LA	03/29/2001
EPA 524.2	4.1	1,1,1-Trichloroethane	NELAP	LA	03/29/2001
EPA 524.2	4.1	1,1,2,2-Tetrachloroethane	NELAP	LA	03/29/2001
EPA 524.2	4.1	1,1,2-Trichloroethane	NELAP	LA	03/29/2001
EPA 524.2	4.1	1,1-Dichloroethane	NELAP	LA	03/29/2001
EPA 524.2	4.1	1,1-Dichloroethene (1,1-Dichloroethylene)	NELAP	LA	03/29/2001
EPA 524.2	4.1	1,1-Dichloropropene	NELAP	LA	03/29/2001
EPA 524.2	4.1	1,2,3-Trichlorobenzene	NELAP	LA	02/17/2005
EPA 524.2	4.1	1,2,3-Trichloropropane (1,2,3-TCP)	NELAP	LA	03/29/2001
EPA 524.2	4.1	1,2,4-Trichlorobenzene	NELAP	LA	03/29/2001
EPA 524.2	4.1	1,2,4-Trimethylbenzene	NELAP	LA	02/17/2005



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National Testing Laboratories LTD
556 South Mansfield Street
Ypsilanti, MI 48197
(734) 483-8333

DEP Laboratory ID: 68-00362
EPA Lab Code: MI00044
TNI Code: TNI02138
PADWIS ID: 68362

Matrix: Drinking Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 524.2	4.1	1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	LA	03/29/2001
EPA 524.2	4.1	1,2-Dichloroethane	NELAP	LA	03/29/2001
EPA 524.2	4.1	1,2-Dichloropropane	NELAP	LA	03/29/2001
EPA 524.2	4.1	1,3,5-Trimethylbenzene	NELAP	LA	02/17/2005
EPA 524.2	4.1	1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	LA	03/29/2001
EPA 524.2	4.1	1,3-Dichloropropane	NELAP	LA	03/29/2001
EPA 524.2	4.1	1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	LA	03/29/2001
EPA 524.2	4.1	2,2-Dichloropropane	NELAP	LA	03/29/2001
EPA 524.2	4.1	2-Chlorotoluene	NELAP	LA	10/10/2002
EPA 524.2	4.1	4-Chlorotoluene	NELAP	LA	10/10/2002
EPA 524.2	4.1	Benzene	NELAP	LA	03/29/2001
EPA 524.2	4.1	Bromobenzene	NELAP	LA	03/29/2001
EPA 524.2	4.1	Bromochloromethane	NELAP	LA	02/17/2005
EPA 524.2	4.1	Bromodichloromethane	NELAP	LA	03/29/2001
EPA 524.2	4.1	Bromoform	NELAP	LA	03/29/2001
EPA 524.2	4.1	Carbon tetrachloride	NELAP	LA	03/29/2001
EPA 524.2	4.1	Chlorobenzene	NELAP	LA	03/29/2001
EPA 524.2	4.1	Chloroethane	NELAP	LA	03/29/2001
EPA 524.2	4.1	Chloroform	NELAP	LA	03/29/2001
EPA 524.2	4.1	Dibromochloromethane	NELAP	LA	03/29/2001
EPA 524.2	4.1	Dibromomethane	NELAP	LA	03/29/2001
EPA 524.2	4.1	Dichlorodifluoromethane (Freon 12)	NELAP	LA	02/17/2005
EPA 524.2	4.1	Ethylbenzene	NELAP	LA	03/29/2001
EPA 524.2	4.1	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	LA	02/17/2005
EPA 524.2	4.1	Isopropylbenzene (Cumene)	NELAP	LA	02/17/2005
EPA 524.2	4.1	Methyl bromide (Bromomethane)	NELAP	LA	03/29/2001
EPA 524.2	4.1	Methyl chloride (Chloromethane)	NELAP	LA	03/29/2001
EPA 524.2	4.1	Methyl tert-butyl ether (MTBE)	NELAP	LA	03/11/2003
EPA 524.2	4.1	Methylene chloride (Dichloromethane)	NELAP	LA	03/29/2001
EPA 524.2	4.1	Naphthalene	NELAP	LA	02/17/2005
EPA 524.2	4.1	Styrene	NELAP	LA	03/29/2001
EPA 524.2	4.1	Tetrachloroethene (PCE, Perchloroethylene)	NELAP	LA	03/29/2001
EPA 524.2	4.1	Toluene	NELAP	LA	03/29/2001
EPA 524.2	4.1	Total trihalomethanes (TTHMs)	NELAP	LA	03/29/2001
EPA 524.2	4.1	Trichloroethene (TCE, Trichloroethylene)	NELAP	LA	03/29/2001
EPA 524.2	4.1	Trichlorofluoromethane (Freon 11)	NELAP	LA	02/17/2005
EPA 524.2	4.1	Vinyl chloride (Chloroethene)	NELAP	LA	03/29/2001
EPA 524.2	4.1	Xylenes, total	NELAP	LA	03/29/2001
EPA 524.2	4.1	cis-1,2-Dichloroethene	NELAP	LA	03/29/2001
EPA 524.2	4.1	cis-1,3-Dichloropropene	NELAP	LA	02/17/2005
EPA 524.2	4.1	n-Butylbenzene	NELAP	LA	02/17/2005
EPA 524.2	4.1	n-Propylbenzene	NELAP	LA	02/17/2005



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DEP Laboratory ID: 68-00362
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TNI Code: TNI02138
PADWIS ID: 68362

Matrix: Drinking Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 524.2	4.1	p-Isopropyltoluene (4-Isopropyltoluene)	NELAP	LA	02/17/2005
EPA 524.2	4.1	sec-Butylbenzene	NELAP	LA	02/17/2005
EPA 524.2	4.1	tert-Butylbenzene	NELAP	LA	02/17/2005
EPA 524.2	4.1	trans-1,2-Dichloroethene	NELAP	LA	03/29/2001
EPA 524.2	4.1	trans-1,3-Dichloropropene	NELAP	LA	03/29/2001
EPA 525.2	2.0	Alachlor (Lasso)	NELAP	LA	10/29/2010
EPA 525.2	2.0	Aldrin (HHDN)	NELAP	LA	02/28/2012
EPA 525.2	2.0	Atrazine	NELAP	LA	10/29/2010
EPA 525.2	2.0	Benzo[a]pyrene	NELAP	LA	10/29/2010
EPA 525.2	2.0	Butachlor	NELAP	LA	10/29/2010
EPA 525.2	2.0	Dieldrin	NELAP	LA	10/29/2010
EPA 525.2	2.0	Endrin	NELAP	LA	01/31/2011
EPA 525.2	2.0	Heptachlor	NELAP	LA	10/29/2010
EPA 525.2	2.0	Heptachlor epoxide	NELAP	LA	10/29/2010
EPA 525.2	2.0	Hexachlorocyclopentadiene	NELAP	LA	01/31/2011
EPA 525.2	2.0	Methoxychlor	NELAP	LA	10/29/2010
EPA 525.2	2.0	Metolachlor	NELAP	LA	10/29/2010
EPA 525.2	2.0	Metribuzin	NELAP	LA	10/29/2010
EPA 525.2	2.0	Molinate	NELAP	LA	02/28/2012
EPA 525.2	2.0	Simazine	NELAP	LA	01/31/2011
EPA 525.2	2.0	Thiobencarb (Bolero)	NELAP	LA	02/28/2012
EPA 525.2	2.0	Trifluralin (Treflan)	NELAP	LA	02/28/2012
EPA 525.2	2.0	bis(2-Ethylhexyl) adipate (di(2-Ethylhexyl) adipate)	NELAP	LA	10/29/2010
EPA 525.2	2.0	bis(2-Ethylhexyl) phthalate (DEHP)	NELAP	LA	10/29/2010
EPA 525.2	2.0	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	NELAP	LA	10/29/2010
EPA 531.2	1.0	3-Hydroxycarbofuran	NELAP	LA	12/01/2009
EPA 531.2	1.0	Aldicarb (Temik)	NELAP	LA	12/01/2009
EPA 531.2	1.0	Aldicarb sulfone	NELAP	LA	12/01/2009
EPA 531.2	1.0	Aldicarb sulfoxide	NELAP	LA	12/01/2009
EPA 531.2	1.0	Carbaryl (Sevin)	NELAP	LA	12/01/2009
EPA 531.2	1.0	Carbofuran (Furaden)	NELAP	LA	12/01/2009
EPA 531.2	1.0	Methomyl (Lannate)	NELAP	LA	12/01/2009
EPA 531.2	1.0	Oxamyl (Vydate)	NELAP	LA	12/01/2009
EPA 547	1.0	Glyphosate	NELAP	LA	03/12/2010
EPA 548.1	1.0	Endothall	NELAP	LA	10/29/2010
EPA 549.2	1.0	Diquat	NELAP	LA	03/12/2010
EPA 552.2	1.0	Bromoacetic acid (Monobromoacetic acid, MBAA)	NELAP	LA	10/29/2010
EPA 552.2	1.0	Chloroacetic acid (Monochloroacetic acid, MCAA)	NELAP	LA	10/29/2010
EPA 552.2	1.0	Dalapon (2,2-Dichloropropionic acid)	NELAP	LA	10/29/2010
EPA 552.2	1.0	Dibromoacetic acid (DBAA)	NELAP	LA	10/29/2010
EPA 552.2	1.0	Dichloroacetic acid (DCAA)	NELAP	LA	10/29/2010



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PADWIS ID: 68362

Matrix: Drinking Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 552.2	1.0	Total haloacetic acids (HAA)	NELAP	LA	10/29/2010
EPA 552.2	1.0	Trichloroacetic acid (TCAA)	NELAP	LA	10/29/2010
SM 2120 B		Color	NELAP	LA	02/17/2005
SM 2130 B		Turbidity	NELAP	LA	02/17/2005
SM 2150 B		Odor	NELAP	LA	02/17/2005
SM 2320 B		Alkalinity as CaCO ₃	NELAP	LA	03/29/2001
SM 2340 C		Total hardness as CaCO ₃	NELAP	LA	03/29/2002
SM 2510 B		Conductivity	NELAP	LA	02/17/2005
SM 2540 C		Total dissolved solids (TDS)	NELAP	LA	03/29/2001
SM 3113 B		Arsenic	NELAP	LA	03/29/2001
SM 3113 B		Lead	NELAP	LA	03/29/2001
SM 3113 B		Selenium	NELAP	LA	03/29/2001
SM 4500-Cl G		Residual free chlorine	NELAP	LA	08/30/2006
SM 4500-Cl G		Total chlorine	NELAP	LA	04/11/2013
SM 4500-ClO ₂ D		Chlorine dioxide, res. disinfectant	NELAP	LA	04/15/2009
SM 5310 C		Total organic carbon (TOC)	NELAP	LA	10/29/2010
SM 5540 C		Surfactants as MBAS	NELAP	LA	02/17/2005
SM 9215 B		Heterotrophic bacteria (Enumeration)	NELAP	PA	02/25/2015
SM 9223 Colilert		E. coli (Enumeration)	NELAP	PA	02/25/2015
SM 9223 Colilert		Total coliform & E. coli (P/A)	NELAP	PA	02/25/2015
SM 9223 Colilert		Total coliform (Enumeration)	NELAP	PA	02/25/2015



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04/29/2019

Christine MacMillan
National Testing Laboratories LTD
556 South Mansfield Street
Ypsilanti, MI 48197

Re: Certificate of Accreditation
DEP Lab ID No. 68-00362

Dear Laboratory Supervisor:

Enclosed is your new Certificate of Accreditation to operate as a Pennsylvania Accredited Laboratory. This Certificate of Accreditation expires **04/30/2020** unless suspended or revoked earlier. As a laboratory accredited in accordance with the Environmental Laboratory Accreditation Act of June 29, 2002 (P.L. 596, No 90) (27 Pa C.S. §§ 4101 – 4113) and The Environmental Laboratory Accreditation Regulations of 25 Pa. Code Chapter 252 you are responsible for continual compliance with the accreditation Act and regulations promulgated thereunder. Failure to comply with all applicable Federal and Departmental laws and regulations may result in suspension or revocation of your laboratory's accreditation.

Your DEP laboratory identification number is **68-00362**. Please use this number on all correspondence with the PA Department of Environmental Protection (Department).

Your laboratory is accredited to perform only the analyses by the methods listed on the Scope of Accreditation that accompanies the Certificate of Accreditation. The Certificate of Accreditation remains the property of the Department and must be displayed in the laboratory.

Please note this certification must be renewed annually. Renewal applications must be submitted to the Department *no later than 60 days prior to the expiration of the certification*. Failure to submit a renewal application within this time period may result in a lapse of the laboratory's accreditation. Should this occur, the laboratory may not conduct any further analyses for which accreditation is required and, if the laboratory is accredited to perform analyses on drinking water, the laboratory must notify the public water suppliers served by the laboratory of the laboratory's failure to renew its certificate of accreditation. Copies of the renewal application may be found on the Department's web site (www.depweb.state.pa.us/labs).

If you have any questions concerning your certificate, you may contact your laboratory's accreditation officer Yumi Creason at 717-346-8609 or ycreason@pa.gov.

Sincerely,

A handwritten signature in blue ink that reads "Aaren Alger".

Aaren S. Alger, Chief
Laboratory Accreditation Program

Enclosures