

**COMMONWEALTH OF PENNSYLVANIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**

*BUREAU OF LABORATORIES*  
*LABORATORY ACCREDITATION PROGRAM*



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL  
PROTECTION

Certifies That

**68-03827**

**ALS Environmental - Holland**

**3352 128th Avenue, Holland, MI 49424-9263**

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

Expiration Date: **07/31/2019**

Certificate Number: **013**



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

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

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

## Laboratory Scope of Accreditation



Attached to Certificate of Accreditation 013-001 expiration date July 31, 2019. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

DEP Laboratory ID: 68-03827

EPA Lab Code: MI01262

TNI Code: TNI02019

(616) 399-6070

### ALS Environmental - Holland

3352 128th Avenue

Holland, MI 49424-9263

#### Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary	Effective Date
ASTM D7511-09		Total cyanide	NELAP	MN	7/24/2015
EPA 120.1		Conductivity	NELAP	MN	7/24/2015
EPA 1311		Toxicity characteristic leaching procedure (TCLP)	NELAP	MN	5/8/2012
EPA 1312		Synthetic precipitation leaching procedure (SPLP)	NELAP	MN	7/15/2013
EPA 160.4		Residue, volatile	NELAP	MN	7/24/2015
EPA 1631	E	Mercury	NELAP	MN	5/8/2012
EPA 1664	A	Non-polar material	NELAP	MN	7/6/2017
EPA 1664	A	Oil and grease	NELAP	MN	7/15/2013
EPA 200.7	4.4	Aluminum	NELAP	MN	7/24/2015
EPA 200.7	4.4	Antimony	NELAP	MN	7/24/2015
EPA 200.7	4.4	Arsenic	NELAP	MN	7/24/2015
EPA 200.7	4.4	Barium	NELAP	MN	7/24/2015
EPA 200.7	4.4	Beryllium	NELAP	MN	7/24/2015
EPA 200.7	4.4	Boron	NELAP	MN	7/24/2015
EPA 200.7	4.4	Cadmium	NELAP	MN	7/24/2015
EPA 200.7	4.4	Calcium	NELAP	MN	7/24/2015
EPA 200.7	4.4	Chromium	NELAP	MN	7/24/2015
EPA 200.7	4.4	Cobalt	NELAP	MN	7/24/2015
EPA 200.7	4.4	Copper	NELAP	MN	7/24/2015
EPA 200.7	4.4	Iron	NELAP	MN	7/24/2015
EPA 200.7	4.4	Lead	NELAP	MN	7/24/2015
EPA 200.7	4.4	Magnesium	NELAP	MN	7/24/2015
EPA 200.7	4.4	Manganese	NELAP	MN	7/24/2015
EPA 200.7	4.4	Molybdenum	NELAP	MN	7/24/2015
EPA 200.7	4.4	Nickel	NELAP	MN	7/24/2015
EPA 200.7	4.4	Potassium	NELAP	MN	7/24/2015
EPA 200.7	4.4	Selenium	NELAP	MN	7/24/2015
EPA 200.7	4.4	Silver	NELAP	MN	7/24/2015
EPA 200.7	4.4	Sodium	NELAP	MN	7/24/2015
EPA 200.7	4.4	Thallium	NELAP	MN	7/24/2015
EPA 200.7	4.4	Tin	NELAP	MN	7/24/2015
EPA 200.7	4.4	Titanium	NELAP	MN	7/24/2015
EPA 200.7	4.4	Vanadium	NELAP	MN	7/24/2015
EPA 200.7	4.4	Zinc	NELAP	MN	7/24/2015
EPA 200.8	5.4	Aluminum	NELAP	MN	5/8/2012
EPA 200.8	5.4	Antimony	NELAP	MN	5/8/2012
EPA 200.8	5.4	Arsenic	NELAP	MN	5/8/2012
EPA 200.8	5.4	Barium	NELAP	MN	5/8/2012
EPA 200.8	5.4	Beryllium	NELAP	MN	5/8/2012



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### Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary	Effective Date
EPA 200.8	5.4	Boron	NELAP	MN	7/15/2013
EPA 200.8	5.4	Cadmium	NELAP	MN	5/8/2012
EPA 200.8	5.4	Calcium	NELAP	MN	7/15/2013
EPA 200.8	5.4	Chromium	NELAP	MN	5/8/2012
EPA 200.8	5.4	Cobalt	NELAP	MN	5/8/2012
EPA 200.8	5.4	Copper	NELAP	MN	5/8/2012
EPA 200.8	5.4	Iron	NELAP	MN	7/15/2013
EPA 200.8	5.4	Lead	NELAP	MN	5/8/2012
EPA 200.8	5.4	Magnesium	NELAP	MN	7/15/2013
EPA 200.8	5.4	Manganese	NELAP	MN	5/8/2012
EPA 200.8	5.4	Molybdenum	NELAP	MN	5/8/2012
EPA 200.8	5.4	Nickel	NELAP	MN	5/8/2012
EPA 200.8	5.4	Potassium	NELAP	MN	7/15/2013
EPA 200.8	5.4	Selenium	NELAP	MN	5/8/2012
EPA 200.8	5.4	Silver	NELAP	MN	5/8/2012
EPA 200.8	5.4	Sodium	NELAP	MN	7/15/2013
EPA 200.8	5.4	Thallium	NELAP	MN	5/8/2012
EPA 200.8	5.4	Tin	NELAP	MN	7/15/2013
EPA 200.8	5.4	Titanium	NELAP	MN	7/15/2013
EPA 200.8	5.4	Vanadium	NELAP	MN	5/8/2012
EPA 200.8	5.4	Zinc	NELAP	MN	5/8/2012
EPA 245.1	3.0	Mercury	NELAP	MN	5/8/2012
EPA 300.0	2.1	Bromide	NELAP	MN	5/8/2012
EPA 300.0	2.1	Chloride	NELAP	MN	5/8/2012
EPA 300.0	2.1	Fluoride	NELAP	MN	5/8/2012
EPA 300.0	2.1	Nitrate as N	NELAP	MN	5/8/2012
EPA 300.0	2.1	Nitrite as N	NELAP	MN	5/8/2012
EPA 300.0	2.1	Sulfate	NELAP	MN	5/8/2012
EPA 300.0	2.1	Total nitrate-nitrite	NELAP	MN	5/8/2012
EPA 3005	A	Preconcentration under acid	NELAP	MN	7/27/2016
EPA 3010	A	Hot plate acid digestion (HNO <sub>3</sub> + HCl)	NELAP	MN	5/8/2012
EPA 335.4		Total cyanide	NELAP	MN	5/8/2012
EPA 350.1		Ammonia as N	NELAP	MN	5/8/2012
EPA 351.2		Kjeldahl nitrogen, total (TKN)	NELAP	MN	5/8/2012
EPA 3510		Separatory funnel liquid-liquid extraction	NELAP	MN	5/8/2012
EPA 3511		Organic compounds in water by microextraction	NELAP	MN	7/6/2017
EPA 353.2		Nitrate as N	NELAP	MN	7/24/2015
EPA 353.2		Nitrite as N	NELAP	MN	5/8/2012
EPA 353.2		Total nitrate-nitrite	NELAP	MN	5/8/2012
EPA 365.1		Orthophosphate as P	NELAP	MN	5/8/2012
EPA 365.1		Phosphorus, total	NELAP	MN	5/8/2012
EPA 410.4		Chemical oxygen demand (COD)	NELAP	MN	5/8/2012
EPA 420.4		Total phenolics	NELAP	MN	5/8/2012
EPA 5030		Aqueous-phase purge-and-trap	NELAP	MN	7/15/2013
EPA 6010		Aluminum	NELAP	MN	7/24/2015
EPA 6010		Antimony	NELAP	MN	7/24/2015



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**Laboratory Scope of Accreditation**

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DEP Laboratory ID: 68-03827

EPA Lab Code: MI01262

TNI Code: TNI02019

(616) 399-6070

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary	Effective Date
EPA 6010		Arsenic	NELAP	MN	7/24/2015
EPA 6010		Barium	NELAP	MN	7/24/2015
EPA 6010		Beryllium	NELAP	MN	7/24/2015
EPA 6010		Boron	NELAP	MN	7/24/2015
EPA 6010		Cadmium	NELAP	MN	7/24/2015
EPA 6010		Calcium	NELAP	MN	7/24/2015
EPA 6010		Chromium	NELAP	MN	7/24/2015
EPA 6010		Cobalt	NELAP	MN	7/24/2015
EPA 6010		Copper	NELAP	MN	7/24/2015
EPA 6010		Iron	NELAP	MN	7/24/2015
EPA 6010		Lead	NELAP	MN	7/24/2015
EPA 6010		Lithium	NELAP	MN	7/24/2015
EPA 6010		Magnesium	NELAP	MN	7/24/2015
EPA 6010		Manganese	NELAP	MN	7/24/2015
EPA 6010	C	Metals by ICP/AES	NELAP	MN	7/24/2015
EPA 6010		Molybdenum	NELAP	MN	7/24/2015
EPA 6010		Nickel	NELAP	MN	7/24/2015
EPA 6010		Potassium	NELAP	MN	7/24/2015
EPA 6010		Selenium	NELAP	MN	7/24/2015
EPA 6010		Silver	NELAP	MN	7/24/2015
EPA 6010		Sodium	NELAP	MN	7/24/2015
EPA 6010		Strontium	NELAP	MN	7/24/2015
EPA 6010		Thallium	NELAP	MN	7/24/2015
EPA 6010		Tin	NELAP	MN	7/24/2015
EPA 6010		Titanium	NELAP	MN	7/24/2015
EPA 6010		Vanadium	NELAP	MN	7/24/2015
EPA 6010		Zinc	NELAP	MN	7/24/2015
EPA 6020		Aluminum	NELAP	MN	5/8/2012
EPA 6020		Antimony	NELAP	MN	5/8/2012
EPA 6020		Arsenic	NELAP	MN	5/8/2012
EPA 6020		Barium	NELAP	MN	5/8/2012
EPA 6020		Beryllium	NELAP	MN	5/8/2012
EPA 6020		Cadmium	NELAP	MN	5/8/2012
EPA 6020		Calcium	NELAP	MN	7/15/2013
EPA 6020		Chromium	NELAP	MN	5/8/2012
EPA 6020		Cobalt	NELAP	MN	5/8/2012
EPA 6020		Copper	NELAP	MN	5/8/2012
EPA 6020		Iron	NELAP	MN	7/15/2013
EPA 6020		Lead	NELAP	MN	5/8/2012
EPA 6020		Magnesium	NELAP	MN	7/15/2013
EPA 6020		Manganese	NELAP	MN	5/8/2012
EPA 6020	A	Metals by ICP/MS	NELAP	MN	5/8/2012
EPA 6020		Molybdenum	NELAP	MN	7/15/2013
EPA 6020		Nickel	NELAP	MN	5/8/2012
EPA 6020		Potassium	NELAP	MN	7/15/2013
EPA 6020		Selenium	NELAP	MN	7/15/2013
EPA 6020		Silver	NELAP	MN	5/8/2012



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### Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary	Effective Date
EPA 6020		Sodium	NELAP	MN	7/15/2013
EPA 6020		Strontium	NELAP	MN	7/15/2013
EPA 6020		Thallium	NELAP	MN	5/8/2012
EPA 6020		Tin	NELAP	MN	7/15/2013
EPA 6020		Titanium	NELAP	MN	7/15/2013
EPA 6020		Vanadium	NELAP	MN	7/15/2013
EPA 6020		Zinc	NELAP	MN	5/8/2012
EPA 608		4,4'-DDD	NELAP	MN	5/8/2012
EPA 608		4,4'-DDE	NELAP	MN	5/8/2012
EPA 608		4,4'-DDT	NELAP	MN	5/8/2012
EPA 608		Aldrin (HHDN)	NELAP	MN	5/8/2012
EPA 608		Aroclor-1016 (PCB-1016)	NELAP	MN	5/8/2012
EPA 608		Aroclor-1221 (PCB-1221)	NELAP	MN	5/8/2012
EPA 608		Aroclor-1232 (PCB-1232)	NELAP	MN	5/8/2012
EPA 608		Aroclor-1242 (PCB-1242)	NELAP	MN	5/8/2012
EPA 608		Aroclor-1248 (PCB-1248)	NELAP	MN	5/8/2012
EPA 608		Aroclor-1254 (PCB-1254)	NELAP	MN	5/8/2012
EPA 608		Aroclor-1260 (PCB-1260)	NELAP	MN	5/8/2012
EPA 608		Chlordane (tech.)	NELAP	MN	5/8/2012
EPA 608		Dieldrin	NELAP	MN	5/8/2012
EPA 608		Endosulfan I	NELAP	MN	5/8/2012
EPA 608		Endosulfan II	NELAP	MN	5/8/2012
EPA 608		Endosulfan sulfate	NELAP	MN	5/8/2012
EPA 608		Endrin	NELAP	MN	5/8/2012
EPA 608		Endrin aldehyde	NELAP	MN	5/8/2012
EPA 608		Heptachlor	NELAP	MN	5/8/2012
EPA 608		Heptachlor epoxide	NELAP	MN	5/8/2012
EPA 608		Toxaphene (Chlorinated camphene)	NELAP	MN	7/15/2013
EPA 608		alpha-BHC (alpha-Hexachlorocyclohexane)	NELAP	MN	5/8/2012
EPA 608		beta-BHC (beta-Hexachlorocyclohexane)	NELAP	MN	5/8/2012
EPA 608		delta-BHC (delta-Hexachlorocyclohexane)	NELAP	MN	5/8/2012
EPA 608		gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	NELAP	MN	5/8/2012
EPA 624		1,1,1-Trichloroethane	NELAP	MN	5/8/2012
EPA 624		1,1,2,2-Tetrachloroethane	NELAP	MN	5/8/2012
EPA 624		1,1,2-Trichloroethane	NELAP	MN	5/8/2012
EPA 624		1,1-Dichloroethane	NELAP	MN	5/8/2012
EPA 624		1,1-Dichloroethene (1,1-Dichloroethylene)	NELAP	MN	5/8/2012
EPA 624		1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	MN	5/8/2012
EPA 624		1,2-Dichloroethane	NELAP	MN	5/8/2012
EPA 624		1,2-Dichloropropane	NELAP	MN	5/8/2012
EPA 624		1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	MN	5/8/2012
EPA 624		1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	MN	5/8/2012
EPA 624		2-Chloroethyl vinyl ether	NELAP	MN	5/8/2012
EPA 624		Acrylonitrile	NELAP	MN	7/15/2013
EPA 624		Benzene	NELAP	MN	5/8/2012
EPA 624		Bromodichloromethane	NELAP	MN	5/8/2012



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EPA Lab Code: MI01262

TNI Code: TNI02019

(616) 399-6070

#### Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary	Effective Date
EPA 624		Bromoform	NELAP	MN	5/8/2012
EPA 624		Bromomethane (Methyl bromide)	NELAP	MN	5/8/2012
EPA 624		Carbon tetrachloride	NELAP	MN	5/8/2012
EPA 624		Chlorobenzene	NELAP	MN	5/8/2012
EPA 624		Chloroethane	NELAP	MN	5/8/2012
EPA 624		Chloroform	NELAP	MN	5/8/2012
EPA 624		Chloromethane (Methyl chloride)	NELAP	MN	5/8/2012
EPA 624		Dibromochloromethane	NELAP	MN	5/8/2012
EPA 624		Ethylbenzene	NELAP	MN	5/8/2012
EPA 624		Tetrachloroethene (PCE, Perchloroethylene)	NELAP	MN	5/8/2012
EPA 624		Toluene	NELAP	MN	5/8/2012
EPA 624		Trichloroethene (TCE, Trichloroethylene)	NELAP	MN	5/8/2012
EPA 624		Trichlorofluoromethane (Freon 11)	NELAP	MN	5/8/2012
EPA 624		Vinyl chloride (Chloroethene)	NELAP	MN	5/8/2012
EPA 624		cis-1,3-Dichloropropene	NELAP	MN	5/8/2012
EPA 624		trans-1,2-Dichloroethene	NELAP	MN	5/8/2012
EPA 624		trans-1,3-Dichloropropene	NELAP	MN	5/8/2012
EPA 625		1,2,4-Trichlorobenzene	NELAP	MN	5/8/2012
EPA 625		2,4,5-Trichlorophenol	NELAP	MN	5/8/2012
EPA 625		2,4,6-Trichlorophenol	NELAP	MN	5/8/2012
EPA 625		2,4-Dichlorophenol	NELAP	MN	5/8/2012
EPA 625		2,4-Dimethylphenol	NELAP	MN	5/8/2012
EPA 625		2,4-Dinitrophenol	NELAP	MN	5/8/2012
EPA 625		2,4-Dinitrotoluene (2,4-DNT)	NELAP	MN	5/8/2012
EPA 625		2,6-Dinitrotoluene (2,6-DNT)	NELAP	MN	5/8/2012
EPA 625		2-Chloronaphthalene	NELAP	MN	5/8/2012
EPA 625		2-Chlorophenol	NELAP	MN	5/8/2012
EPA 625		2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	NELAP	MN	5/8/2012
EPA 625		2-Nitrophenol	NELAP	MN	5/8/2012
EPA 625		3,3'-Dichlorobenzidine	NELAP	MN	5/8/2012
EPA 625		4-Bromophenyl phenyl ether	NELAP	MN	5/8/2012
EPA 625		4-Chloro-3-methylphenol	NELAP	MN	5/8/2012
EPA 625		4-Chlorophenyl phenyl ether	NELAP	MN	5/8/2012
EPA 625		4-Nitrophenol	NELAP	MN	5/8/2012
EPA 625		Acenaphthene	NELAP	MN	5/8/2012
EPA 625		Acenaphthylene	NELAP	MN	5/8/2012
EPA 625		Anthracene	NELAP	MN	5/8/2012
EPA 625		Benzidine	NELAP	MN	5/8/2012
EPA 625		Benzo[a]anthracene	NELAP	MN	5/8/2012
EPA 625		Benzo[a]pyrene	NELAP	MN	5/8/2012
EPA 625		Benzo[b]fluoranthene	NELAP	MN	5/8/2012
EPA 625		Benzo[ghi]perylene	NELAP	MN	5/8/2012
EPA 625		Benzo[k]fluoranthene	NELAP	MN	5/8/2012
EPA 625		Butyl benzyl phthalate (Benzyl butyl phthalate)	NELAP	MN	5/8/2012
EPA 625		Chrysene (Benzo[a]phenanthrene)	NELAP	MN	5/8/2012



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EPA 625		Di-n-butyl phthalate	NELAP	MN	5/8/2012
EPA 625		Di-n-octyl phthalate	NELAP	MN	5/8/2012
EPA 625		Dibenzo[a,h]anthracene	NELAP	MN	5/8/2012
EPA 625		Diethyl phthalate	NELAP	MN	5/8/2012
EPA 625		Dimethyl phthalate	NELAP	MN	5/8/2012
EPA 625		Fluoranthene	NELAP	MN	5/8/2012
EPA 625		Fluorene	NELAP	MN	5/8/2012
EPA 625		Hexachlorobenzene	NELAP	MN	5/8/2012
EPA 625		Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	MN	5/8/2012
EPA 625		Hexachlorocyclopentadiene	NELAP	MN	5/8/2012
EPA 625		Hexachloroethane	NELAP	MN	5/8/2012
EPA 625		Indeno(1,2,3-cd)pyrene	NELAP	MN	5/8/2012
EPA 625		Isophorone	NELAP	MN	5/8/2012
EPA 625		N-Nitrosodi-n-propylamine	NELAP	MN	5/8/2012
EPA 625		N-Nitrosodimethylamine	NELAP	MN	5/8/2012
EPA 625		N-Nitrosodiphenylamine	NELAP	MN	5/8/2012
EPA 625		Naphthalene	NELAP	MN	5/8/2012
EPA 625		Nitrobenzene	NELAP	MN	5/8/2012
EPA 625		Pentachlorophenol (PCP)	NELAP	MN	5/8/2012
EPA 625		Phenanthrene	NELAP	MN	5/8/2012
EPA 625		Phenol	NELAP	MN	5/8/2012
EPA 625		Pyrene	NELAP	MN	5/8/2012
EPA 625		bis(2-Chloroethoxy)methane	NELAP	MN	5/8/2012
EPA 625		bis(2-Chloroethyl) ether	NELAP	MN	5/8/2012
EPA 625		bis(2-Ethylhexyl) phthalate (DEHP)	NELAP	MN	5/8/2012
EPA 7196	A	Chromium VI	NELAP	MN	5/8/2012
EPA 7470	A	Mercury	NELAP	MN	7/24/2015
EPA 8011		1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	NELAP	MN	7/6/2017
EPA 8011		1,2-Dibromoethane (EDB, Ethylene dibromide)	NELAP	MN	7/6/2017
EPA 8015		Diesel-range organics (DRO)	NELAP	MN	5/8/2012
EPA 8015		Ethanol	NELAP	MN	7/24/2015
EPA 8015		Ethylene glycol	NELAP	MN	7/24/2015
EPA 8015		Gasoline-range organics (GRO)	NELAP	MN	5/8/2012
EPA 8015		Isobutyl alcohol (2-Methyl-1-propanol)	NELAP	MN	7/24/2015
EPA 8015		Isopropyl alcohol (2-Propanol)	NELAP	MN	7/24/2015
EPA 8015		Methanol	NELAP	MN	7/24/2015
EPA 8015	C	Nonhalogenated organics by GC/FID	NELAP	MN	7/24/2015
EPA 8015	D	Nonhalogenated organics by GC/FID	NELAP	MN	5/8/2012
EPA 8015		Propylene glycol	NELAP	MN	7/24/2015
EPA 8015		n-Butanol (1-Butanol, n-Butyl alcohol)	NELAP	MN	7/24/2015
EPA 8015		tert-Butyl alcohol (2-Methyl-2-propanol)	NELAP	MN	7/24/2015
EPA 8081		4,4'-DDD	NELAP	MN	5/8/2012
EPA 8081		4,4'-DDE	NELAP	MN	5/8/2012
EPA 8081		4,4'-DDT	NELAP	MN	5/8/2012
EPA 8081		Aldrin (HHDN)	NELAP	MN	5/8/2012



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### Laboratory Scope of Accreditation

Attached to Certificate of Accreditation 013-001 expiration date July 31, 2019. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

DEP Laboratory ID: 68-03827

EPA Lab Code: MI01262

TNI Code: TNI02019

(616) 399-6070

#### Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary	Effective Date
EPA 8081		Chlordane (tech.)	NELAP	MN	5/8/2012
EPA 8081		Dieldrin	NELAP	MN	5/8/2012
EPA 8081		Endosulfan I	NELAP	MN	5/8/2012
EPA 8081		Endosulfan II	NELAP	MN	5/8/2012
EPA 8081		Endosulfan sulfate	NELAP	MN	5/8/2012
EPA 8081		Endrin	NELAP	MN	5/8/2012
EPA 8081		Endrin aldehyde	NELAP	MN	5/8/2012
EPA 8081		Endrin ketone	NELAP	MN	5/8/2012
EPA 8081		Heptachlor	NELAP	MN	5/8/2012
EPA 8081		Heptachlor epoxide	NELAP	MN	5/8/2012
EPA 8081		Methoxychlor	NELAP	MN	5/8/2012
EPA 8081	A	Organochlorine pesticides by GC/ECD	NELAP	MN	5/8/2012
EPA 8081		Toxaphene (Chlorinated camphene)	NELAP	MN	5/8/2012
EPA 8081		alpha-BHC (alpha-Hexachlorocyclohexane)	NELAP	MN	5/8/2012
EPA 8081		alpha-Chlordane	NELAP	MN	5/8/2012
EPA 8081		beta-BHC (beta-Hexachlorocyclohexane)	NELAP	MN	5/8/2012
EPA 8081		delta-BHC (delta-Hexachlorocyclohexane)	NELAP	MN	5/8/2012
EPA 8081		gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	NELAP	MN	5/8/2012
EPA 8081		gamma-Chlordane	NELAP	MN	5/8/2012
EPA 8082		Aroclor-1016 (PCB-1016)	NELAP	MN	5/8/2012
EPA 8082		Aroclor-1221 (PCB-1221)	NELAP	MN	5/8/2012
EPA 8082		Aroclor-1232 (PCB-1232)	NELAP	MN	5/8/2012
EPA 8082		Aroclor-1242 (PCB-1242)	NELAP	MN	5/8/2012
EPA 8082		Aroclor-1248 (PCB-1248)	NELAP	MN	5/8/2012
EPA 8082		Aroclor-1254 (PCB-1254)	NELAP	MN	5/8/2012
EPA 8082		Aroclor-1260 (PCB-1260)	NELAP	MN	5/8/2012
EPA 8082		Aroclor-1262 (PCB-1262)	NELAP	MN	7/6/2017
EPA 8082		Aroclor-1268 (PCB-1268)	NELAP	MN	7/6/2017
EPA 8141		Dimethoate	NELAP	MN	7/24/2015
EPA 8141		Disulfoton	NELAP	MN	7/24/2015
EPA 8141		Famphur	NELAP	MN	7/24/2015
EPA 8141		Methyl parathion (Parathion, methyl)	NELAP	MN	7/24/2015
EPA 8141	A	Organophosphorus compounds by GC/NPD	NELAP	MN	7/24/2015
EPA 8141		Parathion, ethyl (Ethyl parathion, Parathion)	NELAP	MN	7/24/2015
EPA 8141		Phorate (Thimet)	NELAP	MN	7/24/2015
EPA 8151		2,4,5-T	NELAP	MN	7/24/2015
EPA 8151		2,4,5-TP (Silvex)	NELAP	MN	7/24/2015
EPA 8151		2,4-D	NELAP	MN	7/24/2015
EPA 8151	A	Chlorinated herbicides by GC/ECD	NELAP	MN	7/24/2015
EPA 8260		1,1,1,2-Tetrachloroethane	NELAP	MN	5/8/2012
EPA 8260		1,1,1-Trichloroethane	NELAP	MN	5/8/2012
EPA 8260		1,1,2,2-Tetrachloroethane	NELAP	MN	5/8/2012
EPA 8260		1,1,2-Trichloroethane	NELAP	MN	5/8/2012
EPA 8260		1,1-Dichloroethane	NELAP	MN	5/8/2012
EPA 8260		1,1-Dichloroethene (1,1-Dichloroethylene)	NELAP	MN	5/8/2012
EPA 8260		1,1-Dichloropropene	NELAP	MN	5/8/2012



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Attached to Certificate of Accreditation 013-001 expiration date July 31, 2019. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

DEP Laboratory ID: 68-03827

EPA Lab Code: MI01262

TNI Code: TNI02019

(616) 399-6070

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary	Effective Date
EPA 8260		1,2,3-Trichlorobenzene	NELAP	MN	5/8/2012
EPA 8260		1,2,3-Trichloropropane (1,2,3-TCP)	NELAP	MN	5/8/2012
EPA 8260		1,2,4-Trimethylbenzene	NELAP	MN	5/8/2012
EPA 8260		1,2-Dibromoethane (EDB, Ethylene dibromide)	NELAP	MN	5/8/2012
EPA 8260		1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	MN	5/8/2012
EPA 8260		1,2-Dichloroethane	NELAP	MN	5/8/2012
EPA 8260		1,2-Dichloropropane	NELAP	MN	5/8/2012
EPA 8260		1,3,5-Trimethylbenzene	NELAP	MN	5/8/2012
EPA 8260		1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	MN	5/8/2012
EPA 8260		1,3-Dichloropropane	NELAP	MN	5/8/2012
EPA 8260		1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	MN	5/8/2012
EPA 8260		1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	MN	7/27/2016
EPA 8260		2-Butanone (Methyl ethyl ketone, MEK)	NELAP	MN	5/8/2012
EPA 8260		2-Chloroethyl vinyl ether	NELAP	MN	5/8/2012
EPA 8260		2-Chlorotoluene	NELAP	MN	5/8/2012
EPA 8260		2-Hexanone	NELAP	MN	5/8/2012
EPA 8260		4-Chlorotoluene	NELAP	MN	5/8/2012
EPA 8260		4-Methyl-2-pentanone (MIBK)	NELAP	MN	5/8/2012
EPA 8260		Acetone	NELAP	MN	5/8/2012
EPA 8260		Acrolein (Propenal)	NELAP	MN	7/15/2013
EPA 8260		Acrylonitrile	NELAP	MN	5/8/2012
EPA 8260		Benzene	NELAP	MN	5/8/2012
EPA 8260		Benzyl chloride	NELAP	MN	5/8/2012
EPA 8260		Bromobenzene	NELAP	MN	5/8/2012
EPA 8260		Bromochloromethane	NELAP	MN	5/8/2012
EPA 8260		Bromodichloromethane	NELAP	MN	5/8/2012
EPA 8260		Bromoform	NELAP	MN	5/8/2012
EPA 8260		Bromomethane (Methyl bromide)	NELAP	MN	5/8/2012
EPA 8260		Carbon disulfide	NELAP	MN	5/8/2012
EPA 8260		Carbon tetrachloride	NELAP	MN	5/8/2012
EPA 8260		Chlorobenzene	NELAP	MN	5/8/2012
EPA 8260		Chloroethane	NELAP	MN	5/8/2012
EPA 8260		Chloroform	NELAP	MN	5/8/2012
EPA 8260		Chloromethane (Methyl chloride)	NELAP	MN	5/8/2012
EPA 8260		Dibromochloromethane	NELAP	MN	5/8/2012
EPA 8260		Dibromomethane	NELAP	MN	5/8/2012
EPA 8260		Dichlorodifluoromethane (Freon 12)	NELAP	MN	5/8/2012
EPA 8260		Diethyl ether (Ethyl ether)	NELAP	MN	7/15/2013
EPA 8260		Ethylbenzene	NELAP	MN	5/8/2012
EPA 8260		Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	MN	5/8/2012
EPA 8260		Hexachloroethane	NELAP	MN	5/8/2012
EPA 8260		Iodomethane (Methyl iodide)	NELAP	MN	5/8/2012
EPA 8260		Isopropylbenzene (Cumene)	NELAP	MN	5/8/2012
EPA 8260		Methyl tert-butyl ether (MTBE)	NELAP	MN	5/8/2012
EPA 8260		Methylene chloride (Dichloromethane)	NELAP	MN	5/8/2012



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## Laboratory Scope of Accreditation

Attached to Certificate of Accreditation 013-001 expiration date July 31, 2019. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

DEP Laboratory ID: 68-03827

EPA Lab Code: MI01262

TNI Code: TNI02019

(616) 399-6070

### Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary	Effective Date
EPA 8260		Naphthalene	NELAP	MN	5/8/2012
EPA 8260		Styrene	NELAP	MN	5/8/2012
EPA 8260		Tetrachloroethene (PCE, Perchloroethylene)	NELAP	MN	5/8/2012
EPA 8260		Toluene	NELAP	MN	5/8/2012
EPA 8260		Trichloroethene (TCE, Trichloroethylene)	NELAP	MN	5/8/2012
EPA 8260		Trichlorofluoromethane (Freon 11)	NELAP	MN	5/8/2012
EPA 8260	B	VOCs by GC/MS	NELAP	MN	5/8/2012
EPA 8260		Vinyl acetate	NELAP	MN	5/8/2012
EPA 8260		Vinyl chloride (Chloroethene)	NELAP	MN	5/8/2012
EPA 8260		cis-1,2-Dichloroethene	NELAP	MN	5/8/2012
EPA 8260		cis-1,3-Dichloropropene	NELAP	MN	5/8/2012
EPA 8260		m+p-Xylene	NELAP	MN	7/15/2013
EPA 8260		n-Butylbenzene	NELAP	MN	5/8/2012
EPA 8260		n-Propylbenzene	NELAP	MN	5/8/2012
EPA 8260		o-Xylene	NELAP	MN	7/15/2013
EPA 8260		sec-Butylbenzene	NELAP	MN	5/8/2012
EPA 8260		tert-Butylbenzene	NELAP	MN	5/8/2012
EPA 8260		trans-1,2-Dichloroethene	NELAP	MN	5/8/2012
EPA 8260		trans-1,3-Dichloropropene	NELAP	MN	5/8/2012
EPA 8270		1,1'-Biphenyl (Biphenyl, Lemonene)	NELAP	MN	7/6/2017
EPA 8270		1,2,4,5-Tetrachlorobenzene	NELAP	MN	7/6/2017
EPA 8270		1,2,4-Trichlorobenzene	NELAP	MN	5/8/2012
EPA 8270		1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	MN	5/8/2012
EPA 8270		1,2-Diphenylhydrazine	NELAP	MN	7/6/2017
EPA 8270		1,3,5-Trinitrobenzene (1,3,5-TNB)	NELAP	MN	7/6/2017
EPA 8270		1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	MN	5/8/2012
EPA 8270		1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	MN	5/8/2012
EPA 8270		1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	MN	7/6/2017
EPA 8270		1,4-Naphthoquinone	NELAP	MN	7/6/2017
EPA 8270		1-Naphthylamine (alpha-Naphthylamine)	NELAP	MN	7/6/2017
EPA 8270		2,3,4,6-Tetrachlorophenol	NELAP	MN	7/6/2017
EPA 8270		2,3,5,6-Tetrachlorophenol	NELAP	MN	7/6/2017
EPA 8270		2,4,5-Trichlorophenol	NELAP	MN	5/8/2012
EPA 8270		2,4,6-Trichlorophenol	NELAP	MN	5/8/2012
EPA 8270		2,4-Dichlorophenol	NELAP	MN	5/8/2012
EPA 8270		2,4-Dimethylphenol	NELAP	MN	5/8/2012
EPA 8270		2,4-Dinitrophenol	NELAP	MN	5/8/2012
EPA 8270		2,4-Dinitrotoluene (2,4-DNT)	NELAP	MN	5/8/2012
EPA 8270		2,6-Dichlorophenol	NELAP	MN	7/15/2013
EPA 8270		2,6-Dinitrotoluene (2,6-DNT)	NELAP	MN	5/8/2012
EPA 8270		2-Acetylaminofluorene	NELAP	MN	7/6/2017
EPA 8270		2-Chloronaphthalene	NELAP	MN	5/8/2012
EPA 8270		2-Chlorophenol	NELAP	MN	5/8/2012
EPA 8270		2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	NELAP	MN	5/8/2012
EPA 8270		2-Methylnaphthalene	NELAP	MN	7/15/2013
EPA 8270		2-Methylphenol (o-Cresol)	NELAP	MN	5/8/2012

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### Laboratory Scope of Accreditation

Attached to Certificate of Accreditation 013-001 expiration date July 31, 2019. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

DEP Laboratory ID: 68-03827

EPA Lab Code: MI01262

TNI Code: TNI02019

(616) 399-6070

#### Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary	Effective Date
EPA 8270		2-Naphthylamine (beta-Naphthylamine)	NELAP	MN	7/6/2017
EPA 8270		2-Nitroaniline	NELAP	MN	5/8/2012
EPA 8270		2-Nitrophenol	NELAP	MN	5/8/2012
EPA 8270		2-Picoline (2-Methylpyridine)	NELAP	MN	7/6/2017
EPA 8270		3+4-Methylphenol (m+p-Cresol)	NELAP	MN	5/8/2012
EPA 8270		3,3'-Dichlorobenzidine	NELAP	MN	5/8/2012
EPA 8270		3,3'-Dimethylbenzidine	NELAP	MN	7/6/2017
EPA 8270		3-Methylcholanthrene	NELAP	MN	7/6/2017
EPA 8270		3-Nitroaniline	NELAP	MN	5/8/2012
EPA 8270		4-Aminobiphenyl	NELAP	MN	7/6/2017
EPA 8270		4-Bromophenyl phenyl ether	NELAP	MN	5/8/2012
EPA 8270		4-Chloro-3-methylphenol	NELAP	MN	5/8/2012
EPA 8270		4-Chloroaniline	NELAP	MN	5/8/2012
EPA 8270		4-Chlorophenyl phenyl ether	NELAP	MN	5/8/2012
EPA 8270		4-Dimethylaminoazobenzene (Dimethylaminoazobenzene)	NELAP	MN	7/6/2017
EPA 8270		4-Nitroaniline	NELAP	MN	5/8/2012
EPA 8270		4-Nitrophenol	NELAP	MN	5/8/2012
EPA 8270		5-Nitro-o-toluidine	NELAP	MN	7/6/2017
EPA 8270		Acenaphthene	NELAP	MN	5/8/2012
EPA 8270		Acenaphthylene	NELAP	MN	5/8/2012
EPA 8270		Aniline	NELAP	MN	5/8/2012
EPA 8270		Anthracene	NELAP	MN	5/8/2012
EPA 8270		Aramite	NELAP	MN	7/6/2017
EPA 8270		Atrazine	NELAP	MN	7/6/2017
EPA 8270		Benzaldehyde	NELAP	MN	7/6/2017
EPA 8270		Benzidine	NELAP	MN	7/6/2017
EPA 8270		Benzo[a]anthracene	NELAP	MN	5/8/2012
EPA 8270		Benzo[a]pyrene	NELAP	MN	5/8/2012
EPA 8270		Benzo[b]fluoranthene	NELAP	MN	5/8/2012
EPA 8270		Benzo[ghi]perylene	NELAP	MN	5/8/2012
EPA 8270		Benzo[k]fluoranthene	NELAP	MN	5/8/2012
EPA 8270		Benzoic acid	NELAP	MN	7/6/2017
EPA 8270		Benzyl alcohol	NELAP	MN	7/6/2017
EPA 8270		Bis(2-chloroisopropyl)ether	NELAP	MN	7/15/2013
EPA 8270		Butyl benzyl phthalate (Benzyl butyl phthalate)	NELAP	MN	5/8/2012
EPA 8270		Carbazole	NELAP	MN	7/6/2017
EPA 8270		Chlorobenzilate	NELAP	MN	7/6/2017
EPA 8270		Chrysene (Benzo[a]phenanthrene)	NELAP	MN	5/8/2012
EPA 8270		Di-n-butyl phthalate	NELAP	MN	5/8/2012
EPA 8270		Di-n-octyl phthalate	NELAP	MN	5/8/2012
EPA 8270		Diallate (cis or trans)	NELAP	MN	7/6/2017
EPA 8270		Dibenzo[a,h]anthracene	NELAP	MN	5/8/2012
EPA 8270		Dibenzofuran	NELAP	MN	5/8/2012
EPA 8270		Diethyl phthalate	NELAP	MN	5/8/2012
EPA 8270		Dimethyl phthalate	NELAP	MN	5/8/2012



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### Laboratory Scope of Accreditation

Attached to Certificate of Accreditation 013-001 expiration date July 31, 2019. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

DEP Laboratory ID: 68-03827

EPA Lab Code: MI01262

TNI Code: TNI02019

(616) 399-6070

#### Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary	Effective Date
EPA 8270		Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)	NELAP	MN	7/6/2017
EPA 8270		Diphenylamine	NELAP	MN	7/6/2017
EPA 8270		Ethyl methanesulfonate	NELAP	MN	7/6/2017
EPA 8270		Fluoranthene	NELAP	MN	5/8/2012
EPA 8270		Fluorene	NELAP	MN	5/8/2012
EPA 8270		Hexachlorobenzene	NELAP	MN	5/8/2012
EPA 8270		Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	MN	5/8/2012
EPA 8270		Hexachlorocyclopentadiene	NELAP	MN	5/8/2012
EPA 8270		Hexachloroethane	NELAP	MN	5/8/2012
EPA 8270		Hexachloropropene	NELAP	MN	7/6/2017
EPA 8270		Indeno(1,2,3-cd)pyrene	NELAP	MN	5/8/2012
EPA 8270		Isodrin	NELAP	MN	7/6/2017
EPA 8270		Isophorone	NELAP	MN	5/8/2012
EPA 8270		Isosafrole	NELAP	MN	7/6/2017
EPA 8270		Kepone	NELAP	MN	7/6/2017
EPA 8270		Methyl methanesulfonate	NELAP	MN	7/6/2017
EPA 8270		N-Nitrosodi-n-butylamine	NELAP	MN	7/6/2017
EPA 8270		N-Nitrosodi-n-propylamine	NELAP	MN	5/8/2012
EPA 8270		N-Nitrosodiethylamine	NELAP	MN	7/6/2017
EPA 8270		N-Nitrosodimethylamine	NELAP	MN	5/8/2012
EPA 8270		N-Nitrosodiphenylamine	NELAP	MN	5/8/2012
EPA 8270		N-Nitrosomethylethylamine	NELAP	MN	7/6/2017
EPA 8270		N-Nitrosomorpholine	NELAP	MN	7/6/2017
EPA 8270		N-Nitrosopiperidine	NELAP	MN	7/6/2017
EPA 8270		N-Nitrosopyrrolidine	NELAP	MN	7/6/2017
EPA 8270		Naphthalene	NELAP	MN	5/8/2012
EPA 8270		Nitrobenzene	NELAP	MN	5/8/2012
EPA 8270		Pentachlorobenzene	NELAP	MN	7/6/2017
EPA 8270		Pentachloroethane	NELAP	MN	7/6/2017
EPA 8270		Pentachloronitrobenzene (PCNB)	NELAP	MN	7/6/2017
EPA 8270		Pentachlorophenol (PCP)	NELAP	MN	5/8/2012
EPA 8270		Phenacetin	NELAP	MN	7/6/2017
EPA 8270		Phenanthrene	NELAP	MN	5/8/2012
EPA 8270		Phenol	NELAP	MN	5/8/2012
EPA 8270		Pronamide (Kerb)	NELAP	MN	7/6/2017
EPA 8270		Pyrene	NELAP	MN	5/8/2012
EPA 8270		Pyridine	NELAP	MN	5/8/2012
EPA 8270		Quinoline	NELAP	MN	7/6/2017
EPA 8270	C	SOCs by GC/MS	NELAP	MN	5/8/2012
EPA 8270	D	SOCs by GC/MS	NELAP	MN	5/8/2012
EPA 8270		Safrole	NELAP	MN	7/6/2017
EPA 8270		bis(2-Chloroethoxy)methane	NELAP	MN	7/15/2013
EPA 8270		bis(2-Chloroethyl) ether	NELAP	MN	7/15/2013
EPA 8270		bis(2-Ethylhexyl) phthalate (DEHP)	NELAP	MN	7/15/2013
EPA 8270		o-Toluidine (2-Toluidine, 2-Methylaniline)	NELAP	MN	7/15/2013



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## Laboratory Scope of Accreditation



Attached to Certificate of Accreditation 013-001 expiration date July 31, 2019. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

DEP Laboratory ID: 68-03827

EPA Lab Code: MI01262

TNI Code: TNI02019

(616) 399-6070

### Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary	Effective Date
EPA 8270 SIM		2-Methylnaphthalene	NELAP	MN	7/24/2015
EPA 8270 SIM		Acenaphthene	NELAP	MN	7/24/2015
EPA 8270 SIM		Acenaphthylene	NELAP	MN	7/24/2015
EPA 8270 SIM		Anthracene	NELAP	MN	7/24/2015
EPA 8270 SIM		Benzo[a]anthracene	NELAP	MN	7/24/2015
EPA 8270 SIM		Benzo[a]pyrene	NELAP	MN	7/24/2015
EPA 8270 SIM		Benzo[b]fluoranthene	NELAP	MN	7/24/2015
EPA 8270 SIM		Benzo[ghi]perylene	NELAP	MN	7/24/2015
EPA 8270 SIM		Benzo[k]fluoranthene	NELAP	MN	7/24/2015
EPA 8270 SIM		Chrysene (Benzo[a]phenanthrene)	NELAP	MN	7/24/2015
EPA 8270 SIM		Dibenzo[a,h]anthracene	NELAP	MN	7/24/2015
EPA 8270 SIM		Fluoranthene	NELAP	MN	7/24/2015
EPA 8270 SIM		Fluorene	NELAP	MN	7/24/2015
EPA 8270 SIM		Indeno(1,2,3-cd)pyrene	NELAP	MN	7/24/2015
EPA 8270 SIM		Naphthalene	NELAP	MN	7/24/2015
EPA 8270 SIM		Phenanthrene	NELAP	MN	7/24/2015
EPA 8270 SIM		Pyrene	NELAP	MN	7/24/2015
EPA 9012	B	Amenable cyanide	NELAP	MN	7/6/2017
EPA 9012	B	Total cyanide	NELAP	MN	7/24/2015
EPA 9014		Cyanide	NELAP	MN	7/6/2017
EPA 9030	B	Sulfide distillation	NELAP	MN	5/8/2012
EPA 9040	C	pH	NELAP	MN	7/24/2015
EPA 9050	A	Conductivity	NELAP	MN	7/24/2015
EPA 9056	A	Anions by IC	NELAP	MN	5/8/2012
EPA 9056		Bromide	NELAP	MN	5/8/2012
EPA 9056		Chloride	NELAP	MN	5/8/2012
EPA 9056		Fluoride	NELAP	MN	5/8/2012
EPA 9056		Nitrate as N	NELAP	MN	5/8/2012
EPA 9056		Nitrite as N	NELAP	MN	5/8/2012
EPA 9056		Sulfate	NELAP	MN	5/8/2012
EPA 9060	A	Total organic carbon (TOC)	NELAP	MN	7/24/2015
EPA 9066		Total phenolics	NELAP	MN	5/8/2012
OIA 1677		Available cyanide	NELAP	MN	5/28/2013
OIA 1677		Free cyanide	NELAP	MN	7/27/2016
RSK-175		Ethane	NELAP	MN	7/24/2015
RSK-175		Ethene	NELAP	MN	7/24/2015
RSK-175		Methane	NELAP	MN	7/24/2015
SM 2130 B		Turbidity	NELAP	MN	7/24/2015
SM 2310 B		Acidity as CaCO3	NELAP	MN	7/15/2013
SM 2320 B		Alkalinity as CaCO3	NELAP	MN	5/8/2012
SM 2340 C		Total hardness as CaCO3	NELAP	MN	7/24/2015
SM 2510 B		Conductivity	NELAP	MN	5/8/2012
SM 2540 B		Residue, total	NELAP	MN	5/8/2012
SM 2540 C		Residue, filterable (TDS)	NELAP	MN	5/8/2012
SM 2540 D		Residue, nonfilterable (TSS)	NELAP	MN	5/8/2012
SM 2540 F		Residue, settleable	NELAP	MN	7/24/2015
SM 3500-Cr B	20-22	Chromium VI	NELAP	MN	7/15/2013



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## Laboratory Scope of Accreditation

Attached to Certificate of Accreditation 013-001 expiration date July 31, 2019. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

DEP Laboratory ID: 68-03827

EPA Lab Code: MI01262

TNI Code: TNI02019

(616) 399-6070

### Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary	Effective Date
SM 4500-CN- C/E		Total cyanide	NELAP	MN	5/8/2012
SM 4500-CN- G		Amenable cyanide	NELAP	MN	7/24/2015
SM 4500-CN- I		Weak acid dissociable cyanide	NELAP	MN	7/24/2015
SM 4500-Cl G		Total chlorine	NELAP	MN	7/15/2013
SM 4500-Cl- C		Chloride	NELAP	MN	7/15/2013
SM 4500-Cl- E		Chloride	NELAP	MN	7/24/2015
SM 4500-H+ B		pH	NELAP	MN	5/8/2012
SM 4500-NH3 B		Ammonia distillation	NELAP	MN	7/15/2013
SM 4500-NH3 G	19-22	Ammonia as N	NELAP	MN	7/15/2013
SM 4500-NH3 G	19-22	Kjeldahl nitrogen, total (TKN)	NELAP	MN	7/6/2017
SM 4500-NO2- B		Nitrite as N	NELAP	MN	7/24/2015
SM 4500-NO3- F		Nitrate as N	NELAP	MN	7/15/2013
SM 4500-NO3- F		Total nitrate-nitrite	NELAP	MN	7/24/2015
SM 4500-P E		Orthophosphate as P	NELAP	MN	7/15/2013
SM 4500-P E		Phosphorus, total	NELAP	MN	1/1/2014
SM 4500-S F		Sulfide	NELAP	MN	7/24/2015
SM 4500-SO4 E		Sulfate	NELAP	MN	7/27/2016
SM 5210 B		Biochemical oxygen demand (BOD)	NELAP	MN	1/1/2014
SM 5210 B		Carbonaceous BOD (CBOD)	NELAP	MN	1/1/2014
SM 5310 C		Total organic carbon (TOC)	NELAP	MN	5/8/2012

### Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary	Effective Date
EPA 1010	A	Ignitability	NELAP	MN	7/24/2015
EPA 1311		Toxicity characteristic leaching procedure (TCLP)	NELAP	MN	5/8/2012
EPA 1312		Synthetic precipitation leaching procedure (SPLP)	NELAP	MN	5/8/2012
EPA 3050	B	Acid digestion of solids	NELAP	MN	5/8/2012
EPA 3540	C	Soxhlet extraction	NELAP	MN	5/8/2012
EPA 3541		Automated soxhlet extraction	NELAP	MN	5/8/2012
EPA 3546		Microwave extraction	NELAP	MN	7/27/2016
EPA 3550	C	Ultrasonic extraction	NELAP	MN	7/24/2015
EPA 5035		Closed-system purge-and-trap (bisulfate option)	NELAP	MN	5/8/2012
EPA 5035		Closed-system purge-and-trap (methanol option)	NELAP	MN	5/8/2012
EPA 5035		Closed-system purge-and-trap (unpreserved)	NELAP	MN	5/8/2012
EPA 6010		Aluminum	NELAP	MN	7/24/2015
EPA 6010		Antimony	NELAP	MN	7/24/2015
EPA 6010		Arsenic	NELAP	MN	7/24/2015
EPA 6010		Barium	NELAP	MN	7/24/2015
EPA 6010		Beryllium	NELAP	MN	7/24/2015
EPA 6010		Boron	NELAP	MN	7/24/2015
EPA 6010		Cadmium	NELAP	MN	7/24/2015
EPA 6010		Calcium	NELAP	MN	7/24/2015

*Asim Alger*

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## Laboratory Scope of Accreditation



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DEP Laboratory ID: 68-03827

EPA Lab Code: MI01262

TNI Code: TNI02019

(616) 399-6070

### Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary	Effective Date
EPA 6010		Chromium	NELAP	MN	7/24/2015
EPA 6010		Cobalt	NELAP	MN	7/24/2015
EPA 6010		Copper	NELAP	MN	7/24/2015
EPA 6010		Iron	NELAP	MN	7/24/2015
EPA 6010		Lead	NELAP	MN	7/24/2015
EPA 6010		Lithium	NELAP	MN	7/24/2015
EPA 6010		Magnesium	NELAP	MN	7/24/2015
EPA 6010		Manganese	NELAP	MN	7/24/2015
EPA 6010	C	Metals by ICP/AES	NELAP	MN	7/24/2015
EPA 6010		Molybdenum	NELAP	MN	7/24/2015
EPA 6010		Nickel	NELAP	MN	7/24/2015
EPA 6010		Potassium	NELAP	MN	7/24/2015
EPA 6010		Selenium	NELAP	MN	7/24/2015
EPA 6010		Silver	NELAP	MN	7/24/2015
EPA 6010		Sodium	NELAP	MN	7/24/2015
EPA 6010		Strontium	NELAP	MN	7/24/2015
EPA 6010		Thallium	NELAP	MN	7/24/2015
EPA 6010		Tin	NELAP	MN	7/24/2015
EPA 6010		Titanium	NELAP	MN	7/24/2015
EPA 6010		Vanadium	NELAP	MN	7/24/2015
EPA 6010		Zinc	NELAP	MN	7/24/2015
EPA 6020		Aluminum	NELAP	MN	5/8/2012
EPA 6020		Antimony	NELAP	MN	5/8/2012
EPA 6020		Arsenic	NELAP	MN	5/8/2012
EPA 6020		Barium	NELAP	MN	5/8/2012
EPA 6020		Beryllium	NELAP	MN	5/8/2012
EPA 6020		Boron	NELAP	MN	7/15/2013
EPA 6020		Cadmium	NELAP	MN	5/8/2012
EPA 6020		Calcium	NELAP	MN	7/15/2013
EPA 6020		Chromium	NELAP	MN	5/8/2012
EPA 6020		Cobalt	NELAP	MN	5/8/2012
EPA 6020		Copper	NELAP	MN	5/8/2012
EPA 6020		Iron	NELAP	MN	7/15/2013
EPA 6020		Lead	NELAP	MN	5/8/2012
EPA 6020		Magnesium	NELAP	MN	7/15/2013
EPA 6020		Manganese	NELAP	MN	5/8/2012
EPA 6020	A	Metals by ICP/MS	NELAP	MN	5/8/2012
EPA 6020		Molybdenum	NELAP	MN	7/15/2013
EPA 6020		Nickel	NELAP	MN	5/8/2012
EPA 6020		Potassium	NELAP	MN	7/15/2013
EPA 6020		Selenium	NELAP	MN	7/15/2013
EPA 6020		Silver	NELAP	MN	5/8/2012
EPA 6020		Sodium	NELAP	MN	7/15/2013
EPA 6020		Strontium	NELAP	MN	7/15/2013
EPA 6020		Thallium	NELAP	MN	5/8/2012
EPA 6020		Tin	NELAP	MN	7/15/2013
EPA 6020		Titanium	NELAP	MN	7/15/2013



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DEP Laboratory ID: 68-03827

EPA Lab Code: MI01262

TNI Code: TNI02019

(616) 399-6070

### Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary	Effective Date
EPA 6020		Vanadium	NELAP	MN	7/15/2013
EPA 6020		Zinc	NELAP	MN	5/8/2012
EPA 7.3.3.2		Reactive cyanide	NELAP	MN	5/8/2012
EPA 7.3.4.2		Reactive sulfide	NELAP	MN	5/8/2012
EPA 7471	B	Mercury	NELAP	MN	7/24/2015
EPA 7471	A	Mercury	NELAP	MN	7/15/2013
EPA 8015		Diesel-range organics (DRO)	NELAP	MN	5/8/2012
EPA 8015		Gasoline-range organics (GRO)	NELAP	MN	5/8/2012
EPA 8015	D	Nonhalogenated organics by GC/FID	NELAP	MN	5/8/2012
EPA 8081		4,4'-DDD	NELAP	MN	5/8/2012
EPA 8081		4,4'-DDE	NELAP	MN	5/8/2012
EPA 8081		4,4'-DDT	NELAP	MN	5/8/2012
EPA 8081		Aldrin (HHDN)	NELAP	MN	5/8/2012
EPA 8081		Chlordane (tech.)	NELAP	MN	5/8/2012
EPA 8081		Dieldrin	NELAP	MN	5/8/2012
EPA 8081		Endosulfan I	NELAP	MN	5/8/2012
EPA 8081		Endosulfan II	NELAP	MN	5/8/2012
EPA 8081		Endosulfan sulfate	NELAP	MN	5/8/2012
EPA 8081		Endrin	NELAP	MN	5/8/2012
EPA 8081		Endrin aldehyde	NELAP	MN	5/8/2012
EPA 8081		Endrin ketone	NELAP	MN	5/8/2012
EPA 8081		Heptachlor	NELAP	MN	5/8/2012
EPA 8081		Heptachlor epoxide	NELAP	MN	5/8/2012
EPA 8081		Methoxychlor	NELAP	MN	5/8/2012
EPA 8081	A	Organochlorine pesticides by GC/ECD	NELAP	MN	5/8/2012
EPA 8081		Toxaphene (Chlorinated camphene)	NELAP	MN	5/8/2012
EPA 8081		alpha-BHC (alpha-Hexachlorocyclohexane)	NELAP	MN	5/8/2012
EPA 8081		alpha-Chlordane	NELAP	MN	5/8/2012
EPA 8081		beta-BHC (beta-Hexachlorocyclohexane)	NELAP	MN	5/8/2012
EPA 8081		delta-BHC (delta-Hexachlorocyclohexane)	NELAP	MN	5/8/2012
EPA 8081		gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	NELAP	MN	5/8/2012
EPA 8081		gamma-Chlordane	NELAP	MN	5/8/2012
EPA 8082		Aroclor-1016 (PCB-1016)	NELAP	MN	5/8/2012
EPA 8082		Aroclor-1221 (PCB-1221)	NELAP	MN	5/8/2012
EPA 8082		Aroclor-1232 (PCB-1232)	NELAP	MN	5/8/2012
EPA 8082		Aroclor-1242 (PCB-1242)	NELAP	MN	5/8/2012
EPA 8082		Aroclor-1248 (PCB-1248)	NELAP	MN	5/8/2012
EPA 8082		Aroclor-1254 (PCB-1254)	NELAP	MN	5/8/2012
EPA 8082		Aroclor-1260 (PCB-1260)	NELAP	MN	5/8/2012
EPA 8082		Aroclor-1262 (PCB-1262)	NELAP	MN	7/6/2017
EPA 8082		Aroclor-1268 (PCB-1268)	NELAP	MN	7/6/2017
EPA 8260		1,1,1,2-Tetrachloroethane	NELAP	MN	5/8/2012
EPA 8260		1,1,1-Trichloroethane	NELAP	MN	5/8/2012
EPA 8260		1,1,2,2-Tetrachloroethane	NELAP	MN	5/8/2012
EPA 8260		1,1,2-Trichloroethane	NELAP	MN	5/8/2012
EPA 8260		1,1-Dichloroethane	NELAP	MN	5/8/2012



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## Laboratory Scope of Accreditation



Attached to Certificate of Accreditation 013-001 expiration date July 31, 2019. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

DEP Laboratory ID: 68-03827

EPA Lab Code: MI01262

TNI Code: TNI02019

(616) 399-6070

### Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary	Effective Date
EPA 8260		1,1-Dichloroethene (1,1-Dichloroethylene)	NELAP	MN	5/8/2012
EPA 8260		1,1-Dichloropropene	NELAP	MN	5/8/2012
EPA 8260		1,2,3-Trichlorobenzene	NELAP	MN	5/8/2012
EPA 8260		1,2,3-Trichloropropane (1,2,3-TCP)	NELAP	MN	5/8/2012
EPA 8260		1,2,4-Trichlorobenzene	NELAP	MN	7/15/2013
EPA 8260		1,2,4-Trimethylbenzene	NELAP	MN	5/8/2012
EPA 8260		1,2-Dibromoethane (EDB, Ethylene dibromide)	NELAP	MN	5/8/2012
EPA 8260		1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	MN	5/8/2012
EPA 8260		1,2-Dichloroethane	NELAP	MN	5/8/2012
EPA 8260		1,2-Dichloropropane	NELAP	MN	5/8/2012
EPA 8260		1,3,5-Trimethylbenzene	NELAP	MN	5/8/2012
EPA 8260		1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	MN	5/8/2012
EPA 8260		1,3-Dichloropropane	NELAP	MN	5/8/2012
EPA 8260		1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	MN	5/8/2012
EPA 8260		1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	MN	7/27/2016
EPA 8260		2-Butanone (Methyl ethyl ketone, MEK)	NELAP	MN	5/8/2012
EPA 8260		2-Chloroethyl vinyl ether	NELAP	MN	5/8/2012
EPA 8260		2-Chlorotoluene	NELAP	MN	5/8/2012
EPA 8260		2-Hexanone	NELAP	MN	5/8/2012
EPA 8260		4-Chlorotoluene	NELAP	MN	5/8/2012
EPA 8260		4-Methyl-2-pentanone (MIBK)	NELAP	MN	5/8/2012
EPA 8260		Acetone	NELAP	MN	5/8/2012
EPA 8260		Acrolein (Propenal)	NELAP	MN	7/15/2013
EPA 8260		Acrylonitrile	NELAP	MN	5/8/2012
EPA 8260		Benzene	NELAP	MN	5/8/2012
EPA 8260		Benzyl chloride	NELAP	MN	5/8/2012
EPA 8260		Bromobenzene	NELAP	MN	5/8/2012
EPA 8260		Bromochloromethane	NELAP	MN	5/8/2012
EPA 8260		Bromodichloromethane	NELAP	MN	5/8/2012
EPA 8260		Bromoform	NELAP	MN	5/8/2012
EPA 8260		Bromomethane (Methyl bromide)	NELAP	MN	5/8/2012
EPA 8260		Carbon disulfide	NELAP	MN	5/8/2012
EPA 8260		Carbon tetrachloride	NELAP	MN	5/8/2012
EPA 8260		Chlorobenzene	NELAP	MN	5/8/2012
EPA 8260		Chloroethane	NELAP	MN	5/8/2012
EPA 8260		Chloroform	NELAP	MN	5/8/2012
EPA 8260		Chloromethane (Methyl chloride)	NELAP	MN	5/8/2012
EPA 8260		Dibromochloromethane	NELAP	MN	5/8/2012
EPA 8260		Dibromomethane	NELAP	MN	5/8/2012
EPA 8260		Dichlorodifluoromethane (Freon 12)	NELAP	MN	5/8/2012
EPA 8260		Diethyl ether (Ethyl ether)	NELAP	MN	7/15/2013
EPA 8260		Ethylbenzene	NELAP	MN	5/8/2012
EPA 8260		Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	MN	5/8/2012
EPA 8260		Hexachloroethane	NELAP	MN	5/8/2012
EPA 8260		Iodomethane (Methyl iodide)	NELAP	MN	5/8/2012



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## Laboratory Scope of Accreditation

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DEP Laboratory ID: 68-03827

EPA Lab Code: MI01262

TNI Code: TNI02019

(616) 399-6070

### Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary	Effective Date
EPA 8260		Isopropylbenzene (Cumene)	NELAP	MN	5/8/2012
EPA 8260		Methyl tert-butyl ether (MTBE)	NELAP	MN	5/8/2012
EPA 8260		Methylene chloride (Dichloromethane)	NELAP	MN	5/8/2012
EPA 8260		Naphthalene	NELAP	MN	5/8/2012
EPA 8260		Styrene	NELAP	MN	5/8/2012
EPA 8260		Tetrachloroethene (PCE, Perchloroethylene)	NELAP	MN	5/8/2012
EPA 8260		Toluene	NELAP	MN	5/8/2012
EPA 8260		Trichloroethene (TCE, Trichloroethylene)	NELAP	MN	5/8/2012
EPA 8260		Trichlorofluoromethane (Freon 11)	NELAP	MN	5/8/2012
EPA 8260	B	VOCs by GC/MS	NELAP	MN	5/8/2012
EPA 8260		Vinyl acetate	NELAP	MN	5/8/2012
EPA 8260		Vinyl chloride (Chloroethene)	NELAP	MN	5/8/2012
EPA 8260		cis-1,2-Dichloroethene	NELAP	MN	5/8/2012
EPA 8260		cis-1,3-Dichloropropene	NELAP	MN	5/8/2012
EPA 8260		m+p-Xylene	NELAP	MN	7/15/2013
EPA 8260		n-Butylbenzene	NELAP	MN	5/8/2012
EPA 8260		n-Propylbenzene	NELAP	MN	5/8/2012
EPA 8260		o-Xylene	NELAP	MN	7/15/2013
EPA 8260		sec-Butylbenzene	NELAP	MN	5/8/2012
EPA 8260		tert-Butylbenzene	NELAP	MN	5/8/2012
EPA 8260		trans-1,2-Dichloroethene	NELAP	MN	5/8/2012
EPA 8260		trans-1,3-Dichloropropene	NELAP	MN	5/8/2012
EPA 8270		1,1'-Biphenyl (Biphenyl, Lemonene)	NELAP	MN	7/6/2017
EPA 8270		1,2,4,5-Tetrachlorobenzene	NELAP	MN	7/6/2017
EPA 8270		1,2,4-Trichlorobenzene	NELAP	MN	5/8/2012
EPA 8270		1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	MN	5/8/2012
EPA 8270		1,2-Diphenylhydrazine	NELAP	MN	7/6/2017
EPA 8270		1,3,5-Trinitrobenzene (1,3,5-TNB)	NELAP	MN	7/6/2017
EPA 8270		1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	MN	5/8/2012
EPA 8270		1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	MN	5/8/2012
EPA 8270		1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	MN	7/6/2017
EPA 8270		1,4-Naphthoquinone	NELAP	MN	7/6/2017
EPA 8270		1-Naphthylamine (alpha-Naphthylamine)	NELAP	MN	7/6/2017
EPA 8270		2,2'-Oxybis(1-chloropropane) (bis(2-Chloro-1-methylethyl) ether)	NELAP	MN	7/6/2017
EPA 8270		2,3,4,6-Tetrachlorophenol	NELAP	MN	7/6/2017
EPA 8270		2,4,5-Trichlorophenol	NELAP	MN	5/8/2012
EPA 8270		2,4,6-Trichlorophenol	NELAP	MN	5/8/2012
EPA 8270		2,4-Dichlorophenol	NELAP	MN	5/8/2012
EPA 8270		2,4-Dimethylphenol	NELAP	MN	5/8/2012
EPA 8270		2,4-Dinitrophenol	NELAP	MN	5/8/2012
EPA 8270		2,4-Dinitrotoluene (2,4-DNT)	NELAP	MN	5/8/2012
EPA 8270		2,6-Dichlorophenol	NELAP	MN	5/8/2012
EPA 8270		2,6-Dinitrotoluene (2,6-DNT)	NELAP	MN	5/8/2012
EPA 8270		2-Acetylaminofluorene	NELAP	MN	7/6/2017
EPA 8270		2-Chloronaphthalene	NELAP	MN	5/8/2012
EPA 8270		2-Chlorophenol	NELAP	MN	5/8/2012



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DEP Laboratory ID: 68-03827

EPA Lab Code: MI01262

TNI Code: TNI02019

(616) 399-6070

**Matrix: Solid and Chemical Materials**

Method	Revision	Analyte	Accreditation Type	Primary	Effective Date
EPA 8270		2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	NELAP	MN	7/15/2013
EPA 8270		2-Methylnaphthalene	NELAP	MN	5/8/2012
EPA 8270		2-Methylphenol (o-Cresol)	NELAP	MN	5/8/2012
EPA 8270		2-Naphthylamine (beta-Naphthylamine)	NELAP	MN	7/6/2017
EPA 8270		2-Nitroaniline	NELAP	MN	5/8/2012
EPA 8270		2-Nitrophenol	NELAP	MN	5/8/2012
EPA 8270		2-Picoline (2-Methylpyridine)	NELAP	MN	7/6/2017
EPA 8270		3+4-Methylphenol (m+p-Cresol)	NELAP	MN	5/8/2012
EPA 8270		3,3'-Dichlorobenzidine	NELAP	MN	5/8/2012
EPA 8270		3,3'-Dimethylbenzidine	NELAP	MN	7/6/2017
EPA 8270		3-Methylcholanthrene	NELAP	MN	7/6/2017
EPA 8270		3-Nitroaniline	NELAP	MN	5/8/2012
EPA 8270		4-Aminobiphenyl	NELAP	MN	7/6/2017
EPA 8270		4-Bromophenyl phenyl ether	NELAP	MN	5/8/2012
EPA 8270		4-Chloro-3-methylphenol	NELAP	MN	5/8/2012
EPA 8270		4-Chloroaniline	NELAP	MN	5/8/2012
EPA 8270		4-Chlorophenyl phenyl ether	NELAP	MN	5/8/2012
EPA 8270		4-Dimethylaminoazobenzene (Dimethylaminoazobenzene)	NELAP	MN	7/6/2017
EPA 8270		4-Nitroaniline	NELAP	MN	5/8/2012
EPA 8270		4-Nitrophenol	NELAP	MN	5/8/2012
EPA 8270		5-Nitro-o-toluidine	NELAP	MN	7/6/2017
EPA 8270		Acenaphthene	NELAP	MN	5/8/2012
EPA 8270		Acenaphthylene	NELAP	MN	5/8/2012
EPA 8270		Aniline	NELAP	MN	5/8/2012
EPA 8270		Anthracene	NELAP	MN	5/8/2012
EPA 8270		Aramite	NELAP	MN	7/6/2017
EPA 8270		Atrazine	NELAP	MN	7/6/2017
EPA 8270		Benzal chloride	NELAP	MN	7/6/2017
EPA 8270		Benzaldehyde	NELAP	MN	7/6/2017
EPA 8270		Benzidine	NELAP	MN	7/6/2017
EPA 8270		Benzo[a]anthracene	NELAP	MN	5/8/2012
EPA 8270		Benzo[a]pyrene	NELAP	MN	5/8/2012
EPA 8270		Benzo[b]fluoranthene	NELAP	MN	5/8/2012
EPA 8270		Benzo[ghi]perylene	NELAP	MN	5/8/2012
EPA 8270		Benzo[k]fluoranthene	NELAP	MN	5/8/2012
EPA 8270		Benzoic acid	NELAP	MN	7/6/2017
EPA 8270		Benzyl alcohol	NELAP	MN	7/6/2017
EPA 8270		Bis(2-chloroisopropyl)ether	NELAP	MN	5/8/2012
EPA 8270		Butyl benzyl phthalate (Benzyl butyl phthalate)	NELAP	MN	5/8/2012
EPA 8270		Carbazole	NELAP	MN	7/6/2017
EPA 8270		Chrysene (Benzo[a]phenanthrene)	NELAP	MN	5/8/2012
EPA 8270		Di-n-butyl phthalate	NELAP	MN	5/8/2012
EPA 8270		Di-n-octyl phthalate	NELAP	MN	5/8/2012
EPA 8270		Diallate (cis or trans)	NELAP	MN	7/6/2017
EPA 8270		Dibenz[a,j]acridine	NELAP	MN	7/6/2017



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### Laboratory Scope of Accreditation

Attached to Certificate of Accreditation 013-001 expiration date July 31, 2019. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

DEP Laboratory ID: 68-03827

EPA Lab Code: MI01262

TNI Code: TNI02019

(616) 399-6070

#### Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary	Effective Date
EPA 8270		Dibenzo[a,h]anthracene	NELAP	MN	5/8/2012
EPA 8270		Dibenzofuran	NELAP	MN	5/8/2012
EPA 8270		Diethyl phthalate	NELAP	MN	5/8/2012
EPA 8270		Dimethyl phthalate	NELAP	MN	5/8/2012
EPA 8270		Diphenylamine	NELAP	MN	7/6/2017
EPA 8270		Ethyl methanesulfonate	NELAP	MN	7/6/2017
EPA 8270		Fluoranthene	NELAP	MN	5/8/2012
EPA 8270		Fluorene	NELAP	MN	5/8/2012
EPA 8270		Hexachlorobenzene	NELAP	MN	5/8/2012
EPA 8270		Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	MN	5/8/2012
EPA 8270		Hexachlorocyclopentadiene	NELAP	MN	5/8/2012
EPA 8270		Hexachloroethane	NELAP	MN	7/15/2013
EPA 8270		Indeno(1,2,3-cd)pyrene	NELAP	MN	5/8/2012
EPA 8270		Isophorone	NELAP	MN	5/8/2012
EPA 8270		Isosafrole	NELAP	MN	7/6/2017
EPA 8270		Kepon	NELAP	MN	7/6/2017
EPA 8270		Methyl methanesulfonate	NELAP	MN	7/6/2017
EPA 8270		N-Nitrosodi-n-butylamine	NELAP	MN	7/6/2017
EPA 8270		N-Nitrosodi-n-propylamine	NELAP	MN	5/8/2012
EPA 8270		N-Nitrosodiethylamine	NELAP	MN	7/6/2017
EPA 8270		N-Nitrosodimethylamine	NELAP	MN	5/8/2012
EPA 8270		N-Nitrosodiphenylamine	NELAP	MN	5/8/2012
EPA 8270		N-Nitrosomethylethylamine	NELAP	MN	7/6/2017
EPA 8270		N-Nitrosomorpholine	NELAP	MN	7/6/2017
EPA 8270		N-Nitrosopiperidine	NELAP	MN	7/6/2017
EPA 8270		N-Nitrosopyrrolidine	NELAP	MN	7/6/2017
EPA 8270		Naphthalene	NELAP	MN	5/8/2012
EPA 8270		Nitrobenzene	NELAP	MN	5/8/2012
EPA 8270		Pentachlorobenzene	NELAP	MN	7/6/2017
EPA 8270		Pentachloroethane	NELAP	MN	7/6/2017
EPA 8270		Pentachloronitrobenzene (PCNB)	NELAP	MN	7/6/2017
EPA 8270		Pentachlorophenol (PCP)	NELAP	MN	5/8/2012
EPA 8270		Phenacetin	NELAP	MN	7/6/2017
EPA 8270		Phenanthrene	NELAP	MN	5/8/2012
EPA 8270		Phenol	NELAP	MN	5/8/2012
EPA 8270		Pronamide (Kerb)	NELAP	MN	7/6/2017
EPA 8270		Pyrene	NELAP	MN	5/8/2012
EPA 8270		Pyridine	NELAP	MN	5/8/2012
EPA 8270	D	SOCs by GC/MS	NELAP	MN	5/8/2012
EPA 8270	C	SOCs by GC/MS	NELAP	MN	5/8/2012
EPA 8270		Safrole	NELAP	MN	7/6/2017
EPA 8270		bis(2-Chloroethoxy)methane	NELAP	MN	5/8/2012
EPA 8270		bis(2-Chloroethyl) ether	NELAP	MN	5/8/2012
EPA 8270		bis(2-Ethylhexyl) phthalate (DEHP)	NELAP	MN	5/8/2012
EPA 8270		o-Toluidine (2-Toluidine, 2-Methylaniline)	NELAP	MN	7/6/2017
EPA 8270 SIM		2-Methylnaphthalene	NELAP	MN	7/24/2015



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DEP Laboratory ID: 68-03827

EPA Lab Code: MI01262

TNI Code: TNI02019

(616) 399-6070

#### Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary	Effective Date
EPA 8270 SIM		Acenaphthene	NELAP	MN	7/24/2015
EPA 8270 SIM		Acenaphthylene	NELAP	MN	7/24/2015
EPA 8270 SIM		Anthracene	NELAP	MN	7/24/2015
EPA 8270 SIM		Benzo[a]anthracene	NELAP	MN	7/24/2015
EPA 8270 SIM		Benzo[a]pyrene	NELAP	MN	7/24/2015
EPA 8270 SIM		Benzo[b]fluoranthene	NELAP	MN	7/24/2015
EPA 8270 SIM		Benzo[ghi]perylene	NELAP	MN	7/24/2015
EPA 8270 SIM		Benzo[k]fluoranthene	NELAP	MN	7/24/2015
EPA 8270 SIM		Chrysene (Benzo[a]phenanthrene)	NELAP	MN	7/24/2015
EPA 8270 SIM		Dibenzo[a,h]anthracene	NELAP	MN	7/24/2015
EPA 8270 SIM		Fluoranthene	NELAP	MN	7/24/2015
EPA 8270 SIM		Fluorene	NELAP	MN	7/24/2015
EPA 8270 SIM		Indeno(1,2,3-cd)pyrene	NELAP	MN	7/24/2015
EPA 8270 SIM		Naphthalene	NELAP	MN	7/24/2015
EPA 8270 SIM		Phenanthrene	NELAP	MN	7/24/2015
EPA 8270 SIM		Pyrene	NELAP	MN	7/24/2015
EPA 9012	B	Amenable cyanide	NELAP	MN	7/6/2017
EPA 9012	B	Total cyanide	NELAP	MN	7/24/2015
EPA 9030	B	Sulfide	NELAP	MN	5/8/2012
EPA 9034		Sulfide	NELAP	MN	7/24/2015
EPA 9045	D	pH	NELAP	MN	7/24/2015
EPA 9056	A	Anions by IC	NELAP	MN	5/8/2012
EPA 9056		Bromide	NELAP	MN	5/8/2012
EPA 9056		Chloride	NELAP	MN	5/8/2012
EPA 9056		Fluoride	NELAP	MN	5/8/2012
EPA 9056		Nitrate as N	NELAP	MN	5/8/2012
EPA 9056		Nitrite as N	NELAP	MN	5/8/2012
EPA 9056		Sulfate	NELAP	MN	5/8/2012
EPA 9066		Total phenolics	NELAP	MN	5/8/2012
EPA 9071	B	Oil and grease	NELAP	MN	7/24/2015
EPA 9095	B	Paint filter liquids test	NELAP	MN	5/8/2012
SM 2540 G		Total, fixed, and volatile residue	NELAP	MN	7/6/2017



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