



State of Florida  
 Department of Health, Bureau of Public Health Laboratories  
 This is to certify that



E871113

ALS ENVIRONMENTAL - MIDDLETOWN  
 301 FULLING MILL ROAD  
 MIDDLETOWN, PA 17057

has complied with Florida Administrative Code 64E-1,  
 for the examination of environmental samples in the following categories

DRINKING WATER - GROUP I UNREGULATED CONTAMINANTS, DRINKING WATER - GROUP II UNREGULATED CONTAMINANTS, DRINKING WATER - GROUP III UNREGULATED CONTAMINANTS, DRINKING WATER - OTHER REGULATED CONTAMINANTS, DRINKING WATER - PRIMARY INORGANIC CONTAMINANTS, DRINKING WATER - SECONDARY INORGANIC CONTAMINANTS, DRINKING WATER - SYNTHETIC ORGANIC CONTAMINANTS, NON-POTABLE WATER - EXTRACTABLE ORGANICS, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - METALS, NON-POTABLE WATER - MICROBIOLOGY, NON-POTABLE WATER - PESTICIDES-HERBICIDES-PCB'S, NON-POTABLE WATER - VOLATILE ORGANICS, SOLID AND CHEMICAL MATERIALS - EXTRACTABLE ORGANICS, SOLID AND CHEMICAL MATERIALS - GENERAL CHEMISTRY, SOLID AND CHEMICAL MATERIALS - METALS, SOLID AND CHEMICAL MATERIALS - MICROBIOLOGY, SOLID AND CHEMICAL MATERIALS - PESTICIDES-HERBICIDES-PCB'S, SOLID AND CHEMICAL MATERIALS - VOLATILE ORGANICS

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Public Health Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: July 01, 2019      Expiration Date: June 30, 2020



Patty A. Lewandowski, MBA, MT(ASCP)  
 Chief Bureau of Public Health Laboratories  
 DH Form 1697, 7/04

NON-TRANSFERABLE E871113-11-07/01/2019  
 Supersedes all previously issued certificates



**Laboratory Scope of Accreditation**

**Attachment to Certificate #: E871113-11, expiration date June 30, 2020. This listing of accredited analytes should be used only when associated with a valid certificate.**

State Laboratory ID: **E871113**

EPA Lab Code: **PA01709**

**(717) 944-5541**

**E871113**

**ALS Environmental - Middletown**

**301 Fulling Mill Road**

**Middletown, PA 17057**

Matrix: **Drinking Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,1,1,2-Tetrachloroethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
1,1,1-Trichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	7/17/2014
1,1,2,2-Tetrachloroethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
1,1,2-Trichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	7/17/2014
1,1-Dichloro-2-propanone	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
1,1-Dichloroethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
1,1-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	7/17/2014
1,1-Dichloropropene	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
1,2,3-Trichlorobenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
1,2,3-Trichloropropane	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
1,2,4-Trichlorobenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
1,2,4-Trimethylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1	Synthetic Organic Contaminants	NELAP	7/17/2014
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 504.1	Synthetic Organic Contaminants	NELAP	7/17/2014
1,2-Dichlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	7/17/2014
1,2-Dichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	7/17/2014
1,2-Dichloropropane	EPA 524.2	Other Regulated Contaminants	NELAP	7/17/2014
1,3,5-Trimethylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
1,3-Dichlorobenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
1,3-Dichloropropane	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
1,4-Dichlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	7/17/2014
1-Chlorobutane	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
2,2-Dichloropropane	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
2,4,5-T	EPA 515.3	Group I Unregulated Contaminants	NELAP	7/17/2014
2,4,5-Trichlorobiphenyl (BZ 29)	EPA 525.2	Group I Unregulated Contaminants	NELAP	7/17/2014
2,4-D	EPA 515.3	Synthetic Organic Contaminants	NELAP	7/17/2014
2,4-DB	EPA 515.3	Group I Unregulated Contaminants	NELAP	7/17/2014
2,4-Dinitrotoluene (2,4-DNT)	EPA 525.2	Group I Unregulated Contaminants	NELAP	7/17/2014
2,6-Dinitrotoluene (2,6-DNT)	EPA 525.2	Group I Unregulated Contaminants	NELAP	7/17/2014
2-Butanone (Methyl ethyl ketone, MEK)	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
2-Chlorotoluene	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
2-Hexanone	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
2-Nitropropane	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
3-Hydroxycarbofuran	EPA 531.1	Group I Unregulated Contaminants	NELAP	7/17/2014
4,4'-DDE	EPA 525.2	Group I Unregulated Contaminants	NELAP	7/17/2014
4-Chlorotoluene	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014

**Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.**

**Issue Date: 7/1/2019**

**Expiration Date: 6/30/2020**



**Laboratory Scope of Accreditation**

**Attachment to Certificate #: E871113-11, expiration date June 30, 2020. This listing of accredited analytes should be used only when associated with a valid certificate.**

State Laboratory ID: **E871113**

EPA Lab Code: **PA01709**

**(717) 944-5541**

**E871113**  
**ALS Environmental - Middletown**  
**301 Fulling Mill Road**  
**Middletown, PA 17057**

Matrix: **Drinking Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
4-Isopropyltoluene	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
4-Methyl-2-pentanone (MIBK)	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Acenaphthylene	EPA 525.2	Group III Unregulated Contaminants	NELAP	7/17/2014
Acetochlor	EPA 525.2	Group I Unregulated Contaminants	NELAP	7/17/2014
Acetone	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Acifluorfen	EPA 515.3	Group I Unregulated Contaminants	NELAP	7/17/2014
Acrylonitrile	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Alachlor	EPA 505	Synthetic Organic Contaminants	NELAP	7/17/2014
Alachlor	EPA 525.2	Synthetic Organic Contaminants	NELAP	7/17/2014
Aldicarb (Temik)	EPA 531.1	Group I Unregulated Contaminants	NELAP	7/17/2014
Aldicarb sulfone	EPA 531.1	Group I Unregulated Contaminants	NELAP	7/17/2014
Aldicarb sulfoxide	EPA 531.1	Group I Unregulated Contaminants	NELAP	7/17/2014
Aldrin	EPA 505	Group I Unregulated Contaminants	NELAP	7/17/2014
Aldrin	EPA 525.2	Group I Unregulated Contaminants	NELAP	7/17/2014
Alkalinity as CaCO3	SM 2320 B	Primary Inorganic Contaminants	NELAP	7/17/2014
Allyl chloride (3-Chloropropene)	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Aluminum	EPA 200.7	Secondary Inorganic Contaminants	NELAP	7/17/2014
Aluminum	EPA 200.8	Secondary Inorganic Contaminants	NELAP	7/17/2014
Amenable cyanide	SM 4500-CN- G	Primary Inorganic Contaminants	NELAP	7/17/2014
Anthracene	EPA 525.2	Group III Unregulated Contaminants	NELAP	7/17/2014
Antimony	EPA 200.8	Primary Inorganic Contaminants	NELAP	7/17/2014
Arsenic	EPA 200.8	Primary Inorganic Contaminants	NELAP	7/17/2014
Atrazine	EPA 525.2	Synthetic Organic Contaminants	NELAP	7/17/2014
Barium	EPA 200.7	Primary Inorganic Contaminants	NELAP	7/17/2014
Barium	EPA 200.8	Primary Inorganic Contaminants	NELAP	7/17/2014
Benzene	EPA 524.2	Other Regulated Contaminants	NELAP	7/17/2014
Benzo(a)anthracene	EPA 525.2	Group III Unregulated Contaminants	NELAP	7/17/2014
Benzo(a)pyrene	EPA 525.2	Synthetic Organic Contaminants	NELAP	7/17/2014
Benzo(b)fluoranthene	EPA 525.2	Group III Unregulated Contaminants	NELAP	7/17/2014
Benzo(g,h,i)perylene	EPA 525.2	Group III Unregulated Contaminants	NELAP	7/17/2014
Benzo(k)fluoranthene	EPA 525.2	Group III Unregulated Contaminants	NELAP	7/17/2014
Beryllium	EPA 200.8	Primary Inorganic Contaminants	NELAP	7/17/2014
Boron	EPA 200.7	Secondary Inorganic Contaminants	NELAP	7/17/2014
Bromate	EPA 300.1	Primary Inorganic Contaminants	NELAP	7/17/2014
Bromide	EPA 300.0	Primary Inorganic Contaminants	NELAP	7/17/2014
Bromide	EPA 300.1	Primary Inorganic Contaminants	NELAP	7/17/2014

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Analyte	Method/Tech	Category	Certification Type	Effective Date
Bromoacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	7/17/2014
Bromobenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Bromochloroacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	7/17/2014
Bromochloromethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Bromodichloromethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Bromoform	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Butachlor	EPA 525.2	Group I Unregulated Contaminants	NELAP	7/17/2014
Butyl benzyl phthalate	EPA 525.2	Group I Unregulated Contaminants	NELAP	7/17/2014
Cadmium	EPA 200.7	Primary Inorganic Contaminants	NELAP	7/17/2014
Cadmium	EPA 200.8	Primary Inorganic Contaminants	NELAP	7/17/2014
Calcium	EPA 200.7	Primary Inorganic Contaminants	NELAP	7/17/2014
Carbaryl (Sevin)	EPA 531.1	Group I Unregulated Contaminants	NELAP	7/17/2014
Carbofuran (Furadan)	EPA 531.1	Synthetic Organic Contaminants	NELAP	7/17/2014
Carbon disulfide	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Carbon tetrachloride	EPA 524.2	Other Regulated Contaminants	NELAP	7/17/2014
Chlorate	EPA 300.1	Secondary Inorganic Contaminants	NELAP	7/17/2014
Chlordane (tech.)	EPA 505	Synthetic Organic Contaminants	NELAP	7/17/2014
Chloride	EPA 300.0	Secondary Inorganic Contaminants	NELAP	7/17/2014
Chlorite	EPA 300.1	Primary Inorganic Contaminants	NELAP	7/17/2014
Chloroacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	7/17/2014
Chloroacetonitrile	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Chlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	7/17/2014
Chloroethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Chloroform	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Chromium	EPA 200.7	Primary Inorganic Contaminants	NELAP	7/17/2014
Chromium	EPA 200.8	Primary Inorganic Contaminants	NELAP	7/17/2014
Chrysene	EPA 525.2	Group III Unregulated Contaminants	NELAP	7/17/2014
cis-1,2-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	7/17/2014
cis-1,3-Dichloropropene	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Color	SM 2120 B	Secondary Inorganic Contaminants	NELAP	7/17/2014
Conductivity	SM 2510 B	Primary Inorganic Contaminants	NELAP	7/17/2014
Copper	EPA 200.7	Primary Inorganic Contaminants	NELAP	7/17/2014
Copper	EPA 200.8	Secondary Inorganic Contaminants	NELAP	7/17/2014
Dalapon	EPA 515.3	Synthetic Organic Contaminants	NELAP	7/17/2014
DCPA mono-acid	EPA 515.3	Group I Unregulated Contaminants	NELAP	7/17/2014
Di(2-ethylhexyl) phthalate (DEHP)	EPA 525.2	Synthetic Organic Contaminants	NELAP	7/17/2014

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Analyte	Method/Tech	Category	Certification Type	Effective Date
Di(2-ethylhexyl)adipate	EPA 525.2	Synthetic Organic Contaminants	NELAP	7/17/2014
Dibenz(a,h)anthracene	EPA 525.2	Group III Unregulated Contaminants	NELAP	7/17/2014
Dibromoacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	7/17/2014
Dibromochloromethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Dibromomethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Dicamba	EPA 515.3	Group I Unregulated Contaminants	NELAP	7/17/2014
Dichloroacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	7/17/2014
Dichlorodifluoromethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Dichloromethane (DCM, Methylene chloride)	EPA 524.2	Other Regulated Contaminants	NELAP	7/17/2014
Dichloroprop (Dichlorprop)	EPA 515.3	Group I Unregulated Contaminants	NELAP	7/17/2014
Dieldrin	EPA 505	Group I Unregulated Contaminants	NELAP	7/17/2014
Dieldrin	EPA 525.2	Group I Unregulated Contaminants	NELAP	7/17/2014
Diethyl ether	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Diethyl phthalate	EPA 525.2	Group I Unregulated Contaminants	NELAP	7/17/2014
Dimethyl phthalate	EPA 525.2	Group I Unregulated Contaminants	NELAP	7/17/2014
Di-n-butyl phthalate	EPA 525.2	Group I Unregulated Contaminants	NELAP	7/17/2014
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 515.3	Synthetic Organic Contaminants	NELAP	7/17/2014
Diquat	EPA 549.2	Synthetic Organic Contaminants	NELAP	7/17/2014
Dissolved organic carbon (DOC)	SM 5310 B	Primary Inorganic Contaminants	NELAP	10/2/2018
Endothall	EPA 548.1	Synthetic Organic Contaminants	NELAP	7/17/2014
Endrin	EPA 505	Synthetic Organic Contaminants	NELAP	7/17/2014
Endrin	EPA 525.2	Synthetic Organic Contaminants	NELAP	7/17/2014
EPTC (Eptam, s-ethyl-dipropyl thio carbamate)	EPA 525.2	Group I Unregulated Contaminants	NELAP	7/17/2014
Ethyl methacrylate	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Ethylbenzene	EPA 524.2	Other Regulated Contaminants	NELAP	7/17/2014
Fluorene	EPA 525.2	Group III Unregulated Contaminants	NELAP	7/17/2014
Fluoride	EPA 300.0	Primary Inorganic Contaminants	NELAP	7/17/2014
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 505	Synthetic Organic Contaminants	NELAP	7/17/2014
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 525.2	Synthetic Organic Contaminants	NELAP	7/17/2014
Glyphosate	EPA 547	Synthetic Organic Contaminants	NELAP	7/17/2014
Hardness	SM 2340 C	Secondary Inorganic Contaminants	NELAP	7/17/2014
Heptachlor	EPA 505	Synthetic Organic Contaminants	NELAP	7/17/2014
Heptachlor	EPA 525.2	Synthetic Organic Contaminants	NELAP	7/17/2014
Heptachlor epoxide	EPA 505	Synthetic Organic Contaminants	NELAP	7/17/2014
Heptachlor epoxide	EPA 525.2	Synthetic Organic Contaminants	NELAP	7/17/2014

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Matrix: **Drinking Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Hexachlorobenzene	EPA 505	Synthetic Organic Contaminants	NELAP	7/17/2014
Hexachlorobenzene	EPA 525.2	Synthetic Organic Contaminants	NELAP	7/17/2014
Hexachlorobutadiene	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Hexachlorocyclopentadiene	EPA 505	Synthetic Organic Contaminants	NELAP	4/24/2018
Hexachlorocyclopentadiene	EPA 525.2	Synthetic Organic Contaminants	NELAP	7/17/2014
Hexachloroethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Indeno(1,2,3-cd)pyrene	EPA 525.2	Group III Unregulated Contaminants	NELAP	7/17/2014
Iodomethane (Methyl iodide)	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Iron	EPA 200.7	Secondary Inorganic Contaminants	NELAP	7/17/2014
Isopropylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Lead	EPA 200.8	Primary Inorganic Contaminants	NELAP	7/17/2014
m/p-Xylenes	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Magnesium	EPA 200.7	Primary Inorganic Contaminants	NELAP	7/17/2014
Manganese	EPA 200.7	Secondary Inorganic Contaminants	NELAP	7/17/2014
Manganese	EPA 200.8	Secondary Inorganic Contaminants	NELAP	7/17/2014
Mercury	EPA 200.8	Primary Inorganic Contaminants	NELAP	7/17/2014
Mercury	EPA 245.1	Primary Inorganic Contaminants	NELAP	7/17/2014
Methacrylonitrile	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Methiocarb (Mesurol)	EPA 531.1	Group I Unregulated Contaminants	NELAP	7/17/2014
Methomyl (Lannate)	EPA 531.1	Group I Unregulated Contaminants	NELAP	7/17/2014
Methoxychlor	EPA 505	Synthetic Organic Contaminants	NELAP	7/17/2014
Methoxychlor	EPA 525.2	Synthetic Organic Contaminants	NELAP	7/17/2014
Methyl acrylate	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Methyl bromide (Bromomethane)	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Methyl chloride (Chloromethane)	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Methyl methacrylate	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Methyl tert-butyl ether (MTBE)	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Metolachlor	EPA 525.2	Group I Unregulated Contaminants	NELAP	7/17/2014
Metribuzin	EPA 525.2	Group I Unregulated Contaminants	NELAP	7/17/2014
Molinate	EPA 525.2	Group I Unregulated Contaminants	NELAP	9/15/2014
Molybdenum	EPA 200.7	Secondary Inorganic Contaminants	NELAP	7/17/2014
Naphthalene	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
n-Butylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Nickel	EPA 200.7	Primary Inorganic Contaminants	NELAP	7/17/2014
Nickel	EPA 200.8	Primary Inorganic Contaminants	NELAP	7/17/2014
Nitrate	EPA 300.0	Primary Inorganic Contaminants	NELAP	7/17/2014

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**ALS Environmental - Middletown**

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**Middletown, PA 17057**

Matrix: **Drinking Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Nitrite	EPA 300.0	Primary Inorganic Contaminants	NELAP	7/17/2014
Nitrite	SM 4500-NO2-B	Primary Inorganic Contaminants	NELAP	7/17/2014
Nitrobenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
n-Propylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Odor	SM 2150 B	Secondary Inorganic Contaminants	NELAP	7/17/2014
Orthophosphate as P	SM 4500-P E	Primary Inorganic Contaminants	NELAP	7/17/2014
Oxamyl	EPA 531.1	Synthetic Organic Contaminants	NELAP	7/17/2014
o-Xylene	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
PCBs	EPA 505	Synthetic Organic Contaminants	NELAP	7/17/2014
Pentachloroethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Pentachlorophenol	EPA 515.3	Synthetic Organic Contaminants	NELAP	7/17/2014
Perchlorate	EPA 314.0	Secondary Inorganic Contaminants	NELAP	7/17/2014
pH	SM 4500-H+-B	Primary Inorganic Contaminants	NELAP	7/17/2014
Phenanthrene	EPA 525.2	Group III Unregulated Contaminants	NELAP	7/17/2014
Picloram	EPA 515.3	Synthetic Organic Contaminants	NELAP	7/17/2014
Potassium	EPA 200.7	Secondary Inorganic Contaminants	NELAP	7/17/2014
Propachlor (Ramrod)	EPA 525.2	Group I Unregulated Contaminants	NELAP	7/17/2014
Propionitrile (Ethyl cyanide)	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Propoxur (Baygon)	EPA 531.1	Group I Unregulated Contaminants	NELAP	7/17/2014
Pyrene	EPA 525.2	Group III Unregulated Contaminants	NELAP	7/17/2014
sec-Butylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Selenium	EPA 200.8	Primary Inorganic Contaminants	NELAP	7/17/2014
Silica as SiO2	SM 4500-SiO2 C (20th/21st Ed.)/UV-VIS	Primary Inorganic Contaminants	NELAP	7/17/2014
Silver	EPA 200.7	Secondary Inorganic Contaminants	NELAP	7/17/2014
Silver	EPA 200.8	Secondary Inorganic Contaminants	NELAP	7/17/2014
Silvex (2,4,5-TP)	EPA 515.3	Synthetic Organic Contaminants	NELAP	7/17/2014
Simazine	EPA 525.2	Synthetic Organic Contaminants	NELAP	7/17/2014
Sodium	EPA 200.7	Primary Inorganic Contaminants	NELAP	7/17/2014
Styrene	EPA 524.2	Other Regulated Contaminants	NELAP	7/17/2014
Sulfate	EPA 300.0	Primary Inorganic Contaminants	NELAP	7/17/2014
Surfactants - MBAS	SM 5540 C	Secondary Inorganic Contaminants	NELAP	7/17/2014
Temperature, deg. C	SM 2550 B	Primary Inorganic Contaminants	NELAP	7/17/2014
Terbacil	EPA 525.2	Group I Unregulated Contaminants	NELAP	9/15/2014
tert-Butylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Tetrachloroethylene (Perchloroethylene)	EPA 524.2	Other Regulated Contaminants	NELAP	7/17/2014
Tetrahydrofuran (THF)	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014

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**Issue Date: 7/1/2019**

**Expiration Date: 6/30/2020**



**Laboratory Scope of Accreditation**

**Attachment to Certificate #: E871113-11, expiration date June 30, 2020. This listing of accredited analytes should be used only when associated with a valid certificate.**

State Laboratory ID: **E871113**

EPA Lab Code: **PA01709**

**(717) 944-5541**

**E871113**  
**ALS Environmental - Middletown**  
**301 Fulling Mill Road**  
**Middletown, PA 17057**

Matrix: **Drinking Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Thallium	EPA 200.8	Primary Inorganic Contaminants	NELAP	7/17/2014
Toluene	EPA 524.2	Other Regulated Contaminants	NELAP	7/17/2014
Total cyanide	EPA 335.4	Primary Inorganic Contaminants	NELAP	7/17/2014
Total cyanide	KELADA-01	Primary Inorganic Contaminants	NELAP	10/2/2018
Total dissolved solids	SM 2540 C	Secondary Inorganic Contaminants	NELAP	7/17/2014
Total haloacetic acids (HAA5)	EPA 552.2	Synthetic Organic Contaminants	NELAP	7/17/2014
Total nitrate-nitrite	EPA 300.0	Primary Inorganic Contaminants	NELAP	7/17/2014
Total nitrate-nitrite	EPA 353.2	Primary Inorganic Contaminants	NELAP	7/17/2014
Total organic carbon	SM 5310 B	Primary Inorganic Contaminants	NELAP	7/17/2014
Total residual chlorine	SM 4500-Cl G	Primary Inorganic Contaminants	NELAP	7/17/2014
Total trihalomethanes	EPA 524.2	Other Regulated Contaminants	NELAP	7/17/2014
Toxaphene (Chlorinated camphene)	EPA 505	Synthetic Organic Contaminants	NELAP	7/17/2014
trans-1,2-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	7/17/2014
trans-1,3-Dichloropropene	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
trans-1,4-Dichloro-2-butene	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Trichloroacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	7/17/2014
Trichloroethene (Trichloroethylene)	EPA 524.2	Other Regulated Contaminants	NELAP	7/17/2014
Trichlorofluoromethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	7/17/2014
Trifluralin (Treflan)	EPA 525.2	Group I Unregulated Contaminants	NELAP	7/17/2014
Turbidity	SM 2130 B	Secondary Inorganic Contaminants	NELAP	7/17/2014
UV 254	SM 5910 B	Primary Inorganic Contaminants	NELAP	7/17/2014
Vanadium	EPA 200.7	Secondary Inorganic Contaminants	NELAP	7/17/2014
Vinyl chloride	EPA 524.2	Other Regulated Contaminants	NELAP	7/17/2014
Xylene (total)	EPA 524.2	Other Regulated Contaminants	NELAP	7/17/2014
Zinc	EPA 200.7	Secondary Inorganic Contaminants	NELAP	7/17/2014
Zinc	EPA 200.8	Secondary Inorganic Contaminants	NELAP	7/17/2014





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**E871113**

**ALS Environmental - Middletown**

**301 Fulling Mill Road**

**Middletown, PA 17057**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,1,1,2-Tetrachloroethane	EPA 624	Volatile Organics	NELAP	7/17/2014
1,1,1,2-Tetrachloroethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,1,1-Trichloroethane	EPA 624	Volatile Organics	NELAP	7/17/2014
1,1,1-Trichloroethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,1,2,2-Tetrachloroethane	EPA 624	Volatile Organics	NELAP	7/17/2014
1,1,2,2-Tetrachloroethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 624	Volatile Organics	NELAP	7/17/2014
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,1,2-Trichloroethane	EPA 624	Volatile Organics	NELAP	7/17/2014
1,1,2-Trichloroethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,1-Dichloroethane	EPA 624	Volatile Organics	NELAP	7/17/2014
1,1-Dichloroethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,1-Dichloroethylene	EPA 624	Volatile Organics	NELAP	7/17/2014
1,1-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,1-Dichloropropene	EPA 624	Volatile Organics	NELAP	7/17/2014
1,1-Dichloropropene	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,2,3-Trichlorobenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,2,3-Trichloropropane	EPA 624	Volatile Organics	NELAP	7/17/2014
1,2,3-Trichloropropane	EPA 8011	Volatile Organics	NELAP	7/17/2014
1,2,3-Trichloropropane	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,2,4,5-Tetrachlorobenzene	EPA 625	Extractable Organics	NELAP	7/17/2014
1,2,4,5-Tetrachlorobenzene	EPA 8270	Extractable Organics	NELAP	7/17/2014
1,2,4-Trichlorobenzene	EPA 624	Volatile Organics	NELAP	7/17/2014
1,2,4-Trichlorobenzene	EPA 625	Extractable Organics	NELAP	7/17/2014
1,2,4-Trichlorobenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,2,4-Trichlorobenzene	EPA 8270	Extractable Organics	NELAP	7/17/2014
1,2,4-Trimethylbenzene	EPA 624	Volatile Organics	NELAP	7/17/2014
1,2,4-Trimethylbenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,2-Dibromo-3-chloropropane (DBCP)	EPA 624	Volatile Organics	NELAP	7/17/2014
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8011	Volatile Organics	NELAP	7/17/2014
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 624	Volatile Organics	NELAP	7/17/2014
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8011	Volatile Organics	NELAP	7/17/2014
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,2-Dichlorobenzene	EPA 624	Volatile Organics	NELAP	7/17/2014
1,2-Dichlorobenzene	EPA 625	Extractable Organics	NELAP	7/17/2014

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**Issue Date: 7/1/2019**

**Expiration Date: 6/30/2020**



**Laboratory Scope of Accreditation**

**Attachment to Certificate #: E871113-11, expiration date June 30, 2020. This listing of accredited analytes should be used only when associated with a valid certificate.**

State Laboratory ID: **E871113**

EPA Lab Code: **PA01709**

**(717) 944-5541**

**E871113**

**ALS Environmental - Middletown**

**301 Fulling Mill Road**

**Middletown, PA 17057**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,2-Dichlorobenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,2-Dichlorobenzene	EPA 8270	Extractable Organics	NELAP	7/17/2014
1,2-Dichloroethane	EPA 624	Volatile Organics	NELAP	7/17/2014
1,2-Dichloroethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,2-Dichloropropane	EPA 624	Volatile Organics	NELAP	7/17/2014
1,2-Dichloropropane	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,2-Dinitrobenzene	EPA 625	Extractable Organics	NELAP	7/17/2014
1,2-Dinitrobenzene	EPA 8270	Extractable Organics	NELAP	7/17/2014
1,2-Diphenylhydrazine	EPA 625	Extractable Organics	NELAP	7/17/2014
1,2-Diphenylhydrazine	EPA 8270	Extractable Organics	NELAP	7/17/2014
1,3,5-Trimethylbenzene	EPA 624	Volatile Organics	NELAP	7/17/2014
1,3,5-Trimethylbenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,3,5-Trinitrobenzene (1,3,5-TNB)	EPA 8270	Extractable Organics	NELAP	7/17/2014
1,3,5-Trinitrobenzene (1,3,5-TNB)	EPA 8330	Extractable Organics	NELAP	7/17/2014
1,3-Dichlorobenzene	EPA 624	Volatile Organics	NELAP	7/17/2014
1,3-Dichlorobenzene	EPA 625	Extractable Organics	NELAP	7/17/2014
1,3-Dichlorobenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,3-Dichlorobenzene	EPA 8270	Extractable Organics	NELAP	7/17/2014
1,3-Dichloropropane	EPA 624	Volatile Organics	NELAP	7/17/2014
1,3-Dichloropropane	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,3-Dinitrobenzene (1,3-DNB)	EPA 625	Extractable Organics	NELAP	7/17/2014
1,3-Dinitrobenzene (1,3-DNB)	EPA 8270	Extractable Organics	NELAP	7/17/2014
1,3-Dinitrobenzene (1,3-DNB)	EPA 8330	Extractable Organics	NELAP	7/17/2014
1,4-Dichlorobenzene	EPA 624	Volatile Organics	NELAP	7/17/2014
1,4-Dichlorobenzene	EPA 625	Extractable Organics	NELAP	7/17/2014
1,4-Dichlorobenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,4-Dichlorobenzene	EPA 8270	Extractable Organics	NELAP	7/17/2014
1,4-Dinitrobenzene	EPA 625	Extractable Organics	NELAP	7/17/2014
1,4-Dinitrobenzene	EPA 8270	Extractable Organics	NELAP	7/17/2014
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 624	Volatile Organics	NELAP	7/17/2014
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 625	Volatile Organics	NELAP	7/17/2014
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270	Volatile Organics	NELAP	7/17/2014
1,4-Naphthoquinone	EPA 8270	Extractable Organics	NELAP	7/17/2014
1,4-Phenylenediamine	EPA 8270	Extractable Organics	NELAP	7/17/2014
1-Chlorobutane	EPA 8260	Volatile Organics	NELAP	7/17/2014

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**Issue Date: 7/1/2019**

**Expiration Date: 6/30/2020**



**Laboratory Scope of Accreditation**

**Attachment to Certificate #: E871113-11, expiration date June 30, 2020. This listing of accredited analytes should be used only when associated with a valid certificate.**

State Laboratory ID: **E871113**

EPA Lab Code: **PA01709**

**(717) 944-5541**

**E871113**

**ALS Environmental - Middletown**

**301 Fulling Mill Road**

**Middletown, PA 17057**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
1-Chlorohexane	EPA 8260	Volatile Organics	NELAP	7/17/2014
1-Naphthylamine	EPA 8270	Extractable Organics	NELAP	7/17/2014
2,2-Dichloropropane	EPA 624	Volatile Organics	NELAP	7/17/2014
2,2-Dichloropropane	EPA 8260	Volatile Organics	NELAP	7/17/2014
2,2'-Oxybis(1-chloropropane),bis(2-Chloro-1-methylethyl)ether (fka bis(2-Chloroisopropyl) ether	EPA 625	Extractable Organics	NELAP	7/17/2014
2,2'-Oxybis(1-chloropropane),bis(2-Chloro-1-methylethyl)ether (fka bis(2-Chloroisopropyl) ether	EPA 8270	Extractable Organics	NELAP	7/17/2014
2,3,4,6-Tetrachlorophenol	EPA 625	Extractable Organics	NELAP	7/17/2014
2,3,4,6-Tetrachlorophenol	EPA 8270	Extractable Organics	NELAP	7/17/2014
2,3,5,6-Tetrachlorophenol	EPA 8270	Extractable Organics	NELAP	7/17/2014
2,3,7,8-TCDD (Dioxin) - Qualitative Screen	EPA 625	Extractable Organics	NELAP	7/17/2014
2,3,7,8-TCDD (Dioxin, 2,3,7,8-Tetrachlorodibenzo-p-dioxin)	EPA 8270	Extractable Organics	NELAP	7/17/2014
2,3-Dichloroaniline	EPA 625	Extractable Organics	NELAP	7/17/2014
2,3-Dichloroaniline	EPA 8270	Extractable Organics	NELAP	7/17/2014
2,4,5-T	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
2,4,5-Trichlorophenol	EPA 625	Extractable Organics	NELAP	7/17/2014
2,4,5-Trichlorophenol	EPA 8270	Extractable Organics	NELAP	7/17/2014
2,4,6-Trichlorophenol	EPA 625	Extractable Organics	NELAP	7/17/2014
2,4,6-Trichlorophenol	EPA 8270	Extractable Organics	NELAP	7/17/2014
2,4,6-Trinitrotoluene (2,4,6-TNT)	EPA 8330	Extractable Organics	NELAP	7/17/2014
2,4-D	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
2,4-DB	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
2,4-Dichlorophenol	EPA 625	Extractable Organics	NELAP	7/17/2014
2,4-Dichlorophenol	EPA 8270	Extractable Organics	NELAP	7/17/2014
2,4-Dimethylphenol	EPA 625	Extractable Organics	NELAP	7/17/2014
2,4-Dimethylphenol	EPA 8270	Extractable Organics	NELAP	7/17/2014
2,4-Dinitrophenol	EPA 625	Extractable Organics	NELAP	7/17/2014
2,4-Dinitrophenol	EPA 8270	Extractable Organics	NELAP	7/17/2014
2,4-Dinitrotoluene (2,4-DNT)	EPA 625	Extractable Organics	NELAP	7/17/2014
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270	Extractable Organics	NELAP	7/17/2014
2,4-Dinitrotoluene (2,4-DNT)	EPA 8330	Extractable Organics	NELAP	7/17/2014
2,6-Dichlorophenol	EPA 625	Extractable Organics	NELAP	7/17/2014
2,6-Dichlorophenol	EPA 8270	Extractable Organics	NELAP	7/17/2014
2,6-Dinitrotoluene (2,6-DNT)	EPA 625	Extractable Organics	NELAP	7/17/2014
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270	Extractable Organics	NELAP	7/17/2014
2,6-Dinitrotoluene (2,6-DNT)	EPA 8330	Extractable Organics	NELAP	7/17/2014

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**Issue Date: 7/1/2019**

**Expiration Date: 6/30/2020**



**Laboratory Scope of Accreditation**

**Attachment to Certificate #: E871113-11, expiration date June 30, 2020. This listing of accredited analytes should be used only when associated with a valid certificate.**

State Laboratory ID: **E871113**

EPA Lab Code: **PA01709**

**(717) 944-5541**

**E871113**  
**ALS Environmental - Middletown**  
**301 Fulling Mill Road**  
**Middletown, PA 17057**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
2-Acetylaminofluorene	EPA 8270	Extractable Organics	NELAP	7/17/2014
2-Amino-4,6-dinitrotoluene (2-am-dnt)	EPA 8330	Extractable Organics	NELAP	7/17/2014
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8015	Volatile Organics	NELAP	7/17/2014
2-Chloroethyl vinyl ether	EPA 624	Volatile Organics	NELAP	7/17/2014
2-Chloroethyl vinyl ether	EPA 8260	Volatile Organics	NELAP	7/17/2014
2-Chloronaphthalene	EPA 625	Extractable Organics	NELAP	7/17/2014
2-Chloronaphthalene	EPA 8270	Extractable Organics	NELAP	7/17/2014
2-Chlorophenol	EPA 625	Extractable Organics	NELAP	7/17/2014
2-Chlorophenol	EPA 8270	Extractable Organics	NELAP	7/17/2014
2-Chlorotoluene	EPA 624	Volatile Organics	NELAP	7/17/2014
2-Chlorotoluene	EPA 8260	Volatile Organics	NELAP	7/17/2014
2-Hexanone	EPA 624	Volatile Organics	NELAP	7/17/2014
2-Hexanone	EPA 8260	Volatile Organics	NELAP	7/17/2014
2-Methyl-4,6-dinitrophenol	EPA 625	Extractable Organics	NELAP	7/17/2014
2-Methyl-4,6-dinitrophenol	EPA 8270	Extractable Organics	NELAP	7/17/2014
2-Methylnaphthalene	EPA 625	Extractable Organics	NELAP	7/17/2014
2-Methylnaphthalene	EPA 8270	Extractable Organics	NELAP	7/17/2014
2-Methylphenol (o-Cresol)	EPA 625	Extractable Organics	NELAP	7/17/2014
2-Methylphenol (o-Cresol)	EPA 8270	Extractable Organics	NELAP	7/17/2014
2-Naphthylamine	EPA 625	Extractable Organics	NELAP	7/17/2014
2-Naphthylamine	EPA 8270	Extractable Organics	NELAP	7/17/2014
2-Nitroaniline	EPA 625	Extractable Organics	NELAP	7/17/2014
2-Nitroaniline	EPA 8270	Extractable Organics	NELAP	7/17/2014
2-Nitrophenol	EPA 625	Extractable Organics	NELAP	7/17/2014
2-Nitrophenol	EPA 8270	Extractable Organics	NELAP	7/17/2014
2-Nitropropane	EPA 624	Volatile Organics	NELAP	7/17/2014
2-Nitropropane	EPA 8260	Volatile Organics	NELAP	7/17/2014
2-Nitrotoluene	EPA 8270	Extractable Organics	NELAP	7/17/2014
2-Nitrotoluene	EPA 8330	Extractable Organics	NELAP	7/17/2014
2-Picoline (2-Methylpyridine)	EPA 8270	Extractable Organics	NELAP	7/17/2014
3,3'-Dichlorobenzidine	EPA 625	Extractable Organics	NELAP	7/17/2014
3,3'-Dichlorobenzidine	EPA 8270	Extractable Organics	NELAP	7/17/2014
3,3'-Dimethylbenzidine	EPA 8270	Extractable Organics	NELAP	7/17/2014
3-Methylcholanthrene	EPA 8270	Extractable Organics	NELAP	7/17/2014
3-Methylphenol (m-Cresol)	EPA 625	Extractable Organics	NELAP	7/17/2014
3-Nitroaniline	EPA 625	Extractable Organics	NELAP	7/17/2014

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**E871113**

**ALS Environmental - Middletown**

**301 Fulling Mill Road**

**Middletown, PA 17057**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
3-Nitroaniline	EPA 8270	Extractable Organics	NELAP	7/17/2014
3-Nitrotoluene	EPA 8330	Extractable Organics	NELAP	7/17/2014
4,4'-DDD	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
4,4'-DDD	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
4,4'-DDE	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
4,4'-DDE	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
4,4'-DDT	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
4,4'-DDT	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
4-Amino-2,6-dinitrotoluene (4-am-dnt)	EPA 8330	Extractable Organics	NELAP	7/17/2014
4-Aminobiphenyl	EPA 8270	Extractable Organics	NELAP	7/17/2014
4-Bromophenyl phenyl ether	EPA 625	Extractable Organics	NELAP	7/17/2014
4-Bromophenyl phenyl ether	EPA 8270	Extractable Organics	NELAP	7/17/2014
4-Chloro-3-methylphenol	EPA 625	Extractable Organics	NELAP	7/17/2014
4-Chloro-3-methylphenol	EPA 8270	Extractable Organics	NELAP	7/17/2014
4-Chloroaniline	EPA 625	Extractable Organics	NELAP	7/17/2014
4-Chloroaniline	EPA 8270	Extractable Organics	NELAP	7/17/2014
4-Chlorophenyl phenylether	EPA 625	Extractable Organics	NELAP	7/17/2014
4-Chlorophenyl phenylether	EPA 8270	Extractable Organics	NELAP	7/17/2014
4-Chlorotoluene	EPA 624	Volatile Organics	NELAP	7/17/2014
4-Chlorotoluene	EPA 8260	Volatile Organics	NELAP	7/17/2014
4-Dimethyl aminoazobenzene	EPA 8270	Extractable Organics	NELAP	7/17/2014
4-Methylphenol (p-Cresol)	EPA 625	Extractable Organics	NELAP	7/17/2014
4-Nitroaniline	EPA 625	Extractable Organics	NELAP	7/17/2014
4-Nitroaniline	EPA 8270	Extractable Organics	NELAP	7/17/2014
4-Nitrophenol	EPA 625	Extractable Organics	NELAP	7/17/2014
4-Nitrophenol	EPA 8151	Extractable Organics	NELAP	7/17/2014
4-Nitrophenol	EPA 8270	Extractable Organics	NELAP	7/17/2014
4-Nitroquinoline 1-oxide	EPA 8270	Extractable Organics	NELAP	7/17/2014
4-Nitrotoluene	EPA 8330	Extractable Organics	NELAP	7/17/2014
5-Nitro-o-toluidine	EPA 8270	Extractable Organics	NELAP	7/17/2014
7,12-Dimethylbenz(a) anthracene	EPA 8270	Extractable Organics	NELAP	7/17/2014
a,a-Dimethylphenethylamine	EPA 8270	Extractable Organics	NELAP	7/17/2014
Acenaphthene	EPA 625	Extractable Organics	NELAP	7/17/2014
Acenaphthene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Acenaphthylene	EPA 625	Extractable Organics	NELAP	7/17/2014
Acenaphthylene	EPA 8270	Extractable Organics	NELAP	7/17/2014

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**Issue Date: 7/1/2019**

**Expiration Date: 6/30/2020**





**Laboratory Scope of Accreditation**

**Attachment to Certificate #: E871113-11, expiration date June 30, 2020. This listing of accredited analytes should be used only when associated with a valid certificate.**

State Laboratory ID: **E871113**

EPA Lab Code: **PA01709**

**(717) 944-5541**

**E871113**

**ALS Environmental - Middletown**

**301 Fulling Mill Road**

**Middletown, PA 17057**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Acetone	EPA 624	Volatile Organics	NELAP	7/17/2014
Acetone	EPA 8015	Volatile Organics	NELAP	7/17/2014
Acetone	EPA 8260	Volatile Organics	NELAP	7/17/2014
Acetonitrile	EPA 624	Volatile Organics	NELAP	7/17/2014
Acetonitrile	EPA 8015	Volatile Organics	NELAP	7/17/2014
Acetonitrile	EPA 8260	Volatile Organics	NELAP	7/17/2014
Acetophenone	EPA 625	Extractable Organics	NELAP	7/17/2014
Acetophenone	EPA 8270	Extractable Organics	NELAP	7/17/2014
Acidity, as CaCO3	SM 2310 B	General Chemistry	NELAP	7/17/2014
Acrolein (Propenal)	EPA 624	Volatile Organics	NELAP	7/17/2014
Acrolein (Propenal)	EPA 8260	Volatile Organics	NELAP	7/17/2014
Acrylonitrile	EPA 624	Volatile Organics	NELAP	7/17/2014
Acrylonitrile	EPA 8260	Volatile Organics	NELAP	7/17/2014
Alachlor	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Aldrin	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Aldrin	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Alkalinity as CaCO3	SM 2320 B	General Chemistry	NELAP	7/17/2014
Allyl alcohol	EPA 8015	Volatile Organics	NELAP	7/17/2014
Allyl chloride (3-Chloropropene)	EPA 624	Volatile Organics	NELAP	7/17/2014
Allyl chloride (3-Chloropropene)	EPA 8260	Volatile Organics	NELAP	7/17/2014
alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
alpha-Chlordane	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
alpha-Chlordane	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
alpha-Terpineol	EPA 625	Extractable Organics	NELAP	7/17/2014
Aluminum	EPA 200.7	Metals	NELAP	7/17/2014
Aluminum	EPA 200.8	Metals	NELAP	7/17/2014
Aluminum	EPA 6010	Metals	NELAP	7/17/2014
Aluminum	EPA 6020	Metals	NELAP	7/17/2014
Amenable cyanide	SM 4500-CN- G	General Chemistry	NELAP	7/17/2014
Ammonia as N	ASTM D6919-09	General Chemistry	NELAP	7/17/2014
Ammonia as N	EPA 350.1	General Chemistry	NELAP	7/17/2014
Ammonia as N	SM 4500-NH3 D (19th, 20th, 21st Ed.)/ISE	General Chemistry	NELAP	7/17/2014
Ammonia as N	SM 4500-NH3 G	General Chemistry	NELAP	7/17/2014
Aniline	EPA 625	Extractable Organics	NELAP	7/17/2014
Aniline	EPA 8270	Extractable Organics	NELAP	7/17/2014

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EPA Lab Code: **PA01709**

**(717) 944-5541**

**E871113**

**ALS Environmental - Middletown**

**301 Fulling Mill Road**

**Middletown, PA 17057**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Anthracene	EPA 625	Extractable Organics	NELAP	7/17/2014
Anthracene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Antimony	EPA 200.7	Metals	NELAP	7/17/2014
Antimony	EPA 200.8	Metals	NELAP	7/17/2014
Antimony	EPA 6010	Metals	NELAP	7/17/2014
Antimony	EPA 6020	Metals	NELAP	7/17/2014
Aramite	EPA 8270	Extractable Organics	NELAP	7/17/2014
Aroclor-1016 (PCB-1016)	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Aroclor-1016 (PCB-1016)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Aroclor-1221 (PCB-1221)	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Aroclor-1221 (PCB-1221)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Aroclor-1232 (PCB-1232)	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Aroclor-1232 (PCB-1232)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Aroclor-1242 (PCB-1242)	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Aroclor-1242 (PCB-1242)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Aroclor-1248 (PCB-1248)	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Aroclor-1248 (PCB-1248)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Aroclor-1254 (PCB-1254)	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Aroclor-1254 (PCB-1254)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Aroclor-1260 (PCB-1260)	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Aroclor-1260 (PCB-1260)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Arsenic	EPA 200.7	Metals	NELAP	7/17/2014
Arsenic	EPA 200.8	Metals	NELAP	7/17/2014
Arsenic	EPA 6010	Metals	NELAP	7/17/2014
Arsenic	EPA 6020	Metals	NELAP	7/17/2014
Atrazine	EPA 625	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Atrazine	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Azinphos-methyl (Guthion)	EPA 622	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Barium	EPA 200.7	Metals	NELAP	7/17/2014
Barium	EPA 200.8	Metals	NELAP	7/17/2014
Barium	EPA 6010	Metals	NELAP	7/17/2014
Barium	EPA 6020	Metals	NELAP	7/17/2014
Benzaldehyde	EPA 625	Extractable Organics	NELAP	7/17/2014
Benzaldehyde	EPA 8270	Extractable Organics	NELAP	7/17/2014
Benzene	EPA 624	Volatile Organics	NELAP	7/17/2014
Benzene	EPA 8260	Volatile Organics	NELAP	7/17/2014

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State Laboratory ID: **E871113**

EPA Lab Code: **PA01709**

**(717) 944-5541**

**E871113**

**ALS Environmental - Middletown**

**301 Fulling Mill Road**

**Middletown, PA 17057**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Benzidine	EPA 625	Extractable Organics	NELAP	7/17/2014
Benzidine	EPA 8270	Extractable Organics	NELAP	7/17/2014
Benzo(a)anthracene	EPA 625	Extractable Organics	NELAP	7/17/2014
Benzo(a)anthracene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Benzo(a)pyrene	EPA 625	Extractable Organics	NELAP	7/17/2014
Benzo(a)pyrene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Benzo(b)fluoranthene	EPA 625	Extractable Organics	NELAP	7/17/2014
Benzo(b)fluoranthene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Benzo(g,h,i)perylene	EPA 625	Extractable Organics	NELAP	7/17/2014
Benzo(g,h,i)perylene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Benzo(k)fluoranthene	EPA 625	Extractable Organics	NELAP	7/17/2014
Benzo(k)fluoranthene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Benzoic acid	EPA 625	Extractable Organics	NELAP	7/17/2014
Benzoic acid	EPA 8270	Extractable Organics	NELAP	7/17/2014
Benzyl alcohol	EPA 625	Extractable Organics	NELAP	7/17/2014
Benzyl alcohol	EPA 8270	Extractable Organics	NELAP	7/17/2014
Benzyl chloride	EPA 8260	Volatile Organics	NELAP	7/17/2014
Beryllium	EPA 200.7	Metals	NELAP	7/17/2014
Beryllium	EPA 200.8	Metals	NELAP	7/17/2014
Beryllium	EPA 6010	Metals	NELAP	7/17/2014
Beryllium	EPA 6020	Metals	NELAP	7/17/2014
beta-BHC (beta-Hexachlorocyclohexane)	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
beta-BHC (beta-Hexachlorocyclohexane)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Biochemical oxygen demand	SM 5210 B	General Chemistry	NELAP	7/17/2014
Biphenyl	EPA 625	Extractable Organics	NELAP	7/17/2014
Biphenyl	EPA 8270	Extractable Organics	NELAP	7/17/2014
bis(2-Chloroethoxy)methane	EPA 625	Extractable Organics	NELAP	7/17/2014
bis(2-Chloroethoxy)methane	EPA 8270	Extractable Organics	NELAP	7/17/2014
bis(2-Chloroethyl) ether	EPA 625	Extractable Organics	NELAP	7/17/2014
bis(2-Chloroethyl) ether	EPA 8270	Extractable Organics	NELAP	7/17/2014
Bolstar (Sulprofos)	EPA 622	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Boron	EPA 200.7	Metals	NELAP	7/17/2014
Boron	EPA 6010	Metals	NELAP	7/17/2014
Bromide	EPA 300.0	General Chemistry	NELAP	7/17/2014
Bromide	EPA 9056	General Chemistry	NELAP	7/17/2014
Bromobenzene	EPA 624	Volatile Organics	NELAP	7/17/2014

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**ALS Environmental - Middletown**

**301 Fulling Mill Road**

**Middletown, PA 17057**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Bromobenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Bromochloromethane	EPA 624	Volatile Organics	NELAP	7/17/2014
Bromochloromethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
Bromodichloromethane	EPA 624	Volatile Organics	NELAP	7/17/2014
Bromodichloromethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
Bromoform	EPA 624	Volatile Organics	NELAP	7/17/2014
Bromoform	EPA 8260	Volatile Organics	NELAP	7/17/2014
Butyl benzyl phthalate	EPA 625	Extractable Organics	NELAP	7/17/2014
Butyl benzyl phthalate	EPA 8270	Extractable Organics	NELAP	7/17/2014
Cadmium	EPA 200.7	Metals	NELAP	7/17/2014
Cadmium	EPA 200.8	Metals	NELAP	7/17/2014
Cadmium	EPA 6010	Metals	NELAP	7/17/2014
Cadmium	EPA 6020	Metals	NELAP	7/17/2014
Calcium	EPA 200.7	Metals	NELAP	7/17/2014
Calcium	EPA 6010	Metals	NELAP	7/17/2014
Calcium	EPA 6020	Metals	NELAP	7/17/2014
Calcium hardness as CaCO3	SM 3500-Ca B (20th/21st/22nd Ed.-1997)/TITR	General Chemistry	NELAP	10/2/2018
Caprolactam	EPA 625	Extractable Organics	NELAP	7/17/2014
Caprolactam	EPA 8270	Extractable Organics	NELAP	7/17/2014
Carbazole	EPA 625	Extractable Organics	NELAP	7/17/2014
Carbazole	EPA 8270	Extractable Organics	NELAP	7/17/2014
Carbon disulfide	EPA 624	Volatile Organics	NELAP	7/17/2014
Carbon disulfide	EPA 8260	Volatile Organics	NELAP	7/17/2014
Carbon tetrachloride	EPA 624	Volatile Organics	NELAP	7/17/2014
Carbon tetrachloride	EPA 8260	Volatile Organics	NELAP	7/17/2014
Carbonaceous BOD (CBOD)	SM 5210 B	General Chemistry	NELAP	7/17/2014
Chemical oxygen demand	EPA 410.4	General Chemistry	NELAP	7/17/2014
Chemical oxygen demand	HACH 8000	General Chemistry	NELAP	7/17/2014
Chlordane (tech.)	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Chlordane (tech.)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Chloride	EPA 300.0	General Chemistry	NELAP	7/17/2014
Chloride	EPA 9056	General Chemistry	NELAP	7/17/2014
Chlorine	SM 4500-Cl G	General Chemistry	NELAP	7/17/2014
Chloroacetonitrile	EPA 8260	Volatile Organics	NELAP	7/17/2014
Chlorobenzene	EPA 624	Volatile Organics	NELAP	7/17/2014

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**E871113**

**ALS Environmental - Middletown**

**301 Fulling Mill Road**

**Middletown, PA 17057**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Chlorobenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Chlorobenzilate	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Chloroethane	EPA 624	Volatile Organics	NELAP	7/17/2014
Chloroethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
Chloroform	EPA 624	Volatile Organics	NELAP	7/17/2014
Chloroform	EPA 8260	Volatile Organics	NELAP	7/17/2014
Chloroprene	EPA 624	Volatile Organics	NELAP	7/17/2014
Chloroprene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Chlorpyrifos	EPA 622	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Chromium	EPA 200.7	Metals	NELAP	7/17/2014
Chromium	EPA 200.8	Metals	NELAP	7/17/2014
Chromium	EPA 6010	Metals	NELAP	7/17/2014
Chromium	EPA 6020	Metals	NELAP	7/17/2014
Chromium VI	EPA 218.6	General Chemistry	NELAP	7/17/2014
Chromium VI	EPA 7196	General Chemistry	NELAP	7/17/2014
Chromium VI	SM 3500-Cr B (20th/21st/22nd Ed.)/UV-VIS	General Chemistry	NELAP	7/17/2014
Chrysene	EPA 625	Extractable Organics	NELAP	7/17/2014
Chrysene	EPA 8270	Extractable Organics	NELAP	7/17/2014
cis-1,2-Dichloroethylene	EPA 624	Volatile Organics	NELAP	7/17/2014
cis-1,2-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	7/17/2014
cis-1,3-Dichloropropene	EPA 624	Volatile Organics	NELAP	7/17/2014
cis-1,3-Dichloropropene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Cobalt	EPA 200.7	Metals	NELAP	7/17/2014
Cobalt	EPA 200.8	Metals	NELAP	7/17/2014
Cobalt	EPA 6010	Metals	NELAP	7/17/2014
Cobalt	EPA 6020	Metals	NELAP	7/17/2014
Color	SM 2120 B	General Chemistry	NELAP	7/17/2014
Conductivity	EPA 9050	General Chemistry	NELAP	7/17/2014
Conductivity	SM 2510 B	General Chemistry	NELAP	7/17/2014
Copper	EPA 200.7	Metals	NELAP	7/17/2014
Copper	EPA 200.8	Metals	NELAP	7/17/2014
Copper	EPA 6010	Metals	NELAP	7/17/2014
Copper	EPA 6020	Metals	NELAP	7/17/2014
Cyclohexane	EPA 624	Volatile Organics	NELAP	7/17/2014
Cyclohexane	EPA 8260	Volatile Organics	NELAP	7/17/2014

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**E871113**  
**ALS Environmental - Middletown**  
**301 Fulling Mill Road**  
**Middletown, PA 17057**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Dalapon	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
delta-BHC	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
delta-BHC	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Demeton-o	EPA 622	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Demeton-s	EPA 622	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Di(2-ethylhexyl) phthalate (DEHP)	EPA 625	Extractable Organics	NELAP	7/17/2014
Di(2-ethylhexyl) phthalate (DEHP)	EPA 8270	Extractable Organics	NELAP	7/17/2014
Diallate	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Diazinon	EPA 622	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Dibenz(a,h)anthracene	EPA 625	Extractable Organics	NELAP	7/17/2014
Dibenz(a,h)anthracene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Dibenzofuran	EPA 625	Extractable Organics	NELAP	7/17/2014
Dibenzofuran	EPA 8270	Extractable Organics	NELAP	7/17/2014
Dibromochloromethane	EPA 624	Volatile Organics	NELAP	7/17/2014
Dibromochloromethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
Dibromomethane	EPA 624	Volatile Organics	NELAP	7/17/2014
Dibromomethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
Dicamba	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Dichlorodifluoromethane	EPA 624	Volatile Organics	NELAP	7/17/2014
Dichlorodifluoromethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
Dichloroprop (Dichlorprop)	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Dichlorovos (DDVP, Dichlorvos)	EPA 622	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Dieldrin	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Dieldrin	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Diesel range organics (DRO)	EPA 8015	Extractable Organics	NELAP	7/17/2014
Diethyl ether	EPA 624	Volatile Organics	NELAP	7/17/2014
Diethyl ether	EPA 8260	Volatile Organics	NELAP	7/17/2014
Diethyl phthalate	EPA 625	Extractable Organics	NELAP	7/17/2014
Diethyl phthalate	EPA 8270	Extractable Organics	NELAP	7/17/2014
Dimethoate	EPA 622	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Dimethoate	EPA 625	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Dimethoate	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Dimethyl phthalate	EPA 625	Extractable Organics	NELAP	7/17/2014
Dimethyl phthalate	EPA 8270	Extractable Organics	NELAP	7/17/2014
Dimethyl sulfoxide	EPA 8015	Volatile Organics	NELAP	7/17/2014
Di-n-butyl phthalate	EPA 625	Extractable Organics	NELAP	7/17/2014

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EPA Lab Code: **PA01709**

**(717) 944-5541**

**E871113**  
**ALS Environmental - Middletown**  
**301 Fulling Mill Road**  
**Middletown, PA 17057**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Di-n-butyl phthalate	EPA 8270	Extractable Organics	NELAP	7/17/2014
Di-n-octyl phthalate	EPA 625	Extractable Organics	NELAP	7/17/2014
Di-n-octyl phthalate	EPA 8270	Extractable Organics	NELAP	7/17/2014
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Diphenylamine	EPA 625	Extractable Organics	NELAP	7/17/2014
Diphenylamine	EPA 8270	Extractable Organics	NELAP	7/17/2014
Disulfoton	EPA 622	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Disulfoton	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Endosulfan I	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Endosulfan I	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Endosulfan II	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Endosulfan II	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Endosulfan sulfate	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Endosulfan sulfate	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Endrin	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Endrin	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Endrin aldehyde	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Endrin aldehyde	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Endrin ketone	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Endrin ketone	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Enterococci	ENTEROLERT	Microbiology	NELAP	10/2/2018
Escherichia coli	SM 9223 B	Microbiology	NELAP	7/17/2014
Ethanol	EPA 8015	Volatile Organics	NELAP	7/17/2014
Ethoprop	EPA 622	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Ethyl acetate	EPA 624	Volatile Organics	NELAP	7/17/2014
Ethyl acetate	EPA 8015	Volatile Organics	NELAP	7/17/2014
Ethyl acetate	EPA 8260	Volatile Organics	NELAP	7/17/2014
Ethyl methacrylate	EPA 624	Volatile Organics	NELAP	7/17/2014
Ethyl methacrylate	EPA 8260	Volatile Organics	NELAP	7/17/2014
Ethyl methanesulfonate	EPA 8270	Extractable Organics	NELAP	7/17/2014
Ethylbenzene	EPA 624	Volatile Organics	NELAP	7/17/2014
Ethylbenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Ethylene glycol	EPA 8015	Volatile Organics	NELAP	7/17/2014
Extractable organic halides (EOX)	EPA 9023	General Chemistry	NELAP	7/17/2014
Famphur	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/17/2014

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**Issue Date: 7/1/2019**

**Expiration Date: 6/30/2020**



**Laboratory Scope of Accreditation**

**Attachment to Certificate #: E871113-11, expiration date June 30, 2020. This listing of accredited analytes should be used only when associated with a valid certificate.**

State Laboratory ID: **E871113**

EPA Lab Code: **PA01709**

**(717) 944-5541**

**E871113**

**ALS Environmental - Middletown**

**301 Fulling Mill Road**

**Middletown, PA 17057**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Fecal coliforms	SM 9222 D	Microbiology	NELAP	7/17/2014
Fensulfothion	EPA 622	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Fenthion	EPA 622	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Fluoranthene	EPA 625	Extractable Organics	NELAP	7/17/2014
Fluoranthene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Fluorene	EPA 625	Extractable Organics	NELAP	7/17/2014
Fluorene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Fluoride	EPA 300.0	General Chemistry	NELAP	7/17/2014
Fluoride	EPA 9056	General Chemistry	NELAP	7/17/2014
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
gamma-Chlordane	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
gamma-Chlordane	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Gasoline range organics (GRO)	EPA 8015	Volatile Organics	NELAP	7/17/2014
Hardness	SM 2340 C	General Chemistry	NELAP	7/17/2014
Heptachlor	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Heptachlor	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Heptachlor epoxide	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Heptachlor epoxide	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Heterotrophic plate count	SM 9215 B	Microbiology	NELAP	7/17/2014
Hexachlorobenzene	EPA 625	Extractable Organics	NELAP	7/17/2014
Hexachlorobenzene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Hexachlorobutadiene	EPA 624	Volatile Organics	NELAP	7/17/2014
Hexachlorobutadiene	EPA 625	Extractable Organics	NELAP	7/17/2014
Hexachlorobutadiene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Hexachlorobutadiene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Hexachlorocyclopentadiene	EPA 625	Extractable Organics	NELAP	7/17/2014
Hexachlorocyclopentadiene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Hexachloroethane	EPA 625	Extractable Organics	NELAP	7/17/2014
Hexachloroethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
Hexachloroethane	EPA 8270	Extractable Organics	NELAP	7/17/2014
Hexachloropropene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Ignitability	EPA 1010	General Chemistry	NELAP	7/17/2014
Indeno(1,2,3-cd)pyrene	EPA 625	Extractable Organics	NELAP	7/17/2014
Indeno(1,2,3-cd)pyrene	EPA 8270	Extractable Organics	NELAP	7/17/2014

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**ALS Environmental - Middletown**

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**Middletown, PA 17057**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Iodomethane (Methyl iodide)	EPA 624	Volatile Organics	NELAP	7/17/2014
Iodomethane (Methyl iodide)	EPA 8260	Volatile Organics	NELAP	7/17/2014
Iron	EPA 200.7	Metals	NELAP	7/17/2014
Iron	EPA 6010	Metals	NELAP	7/17/2014
Iron	EPA 6020	Metals	NELAP	7/17/2014
Iron	SM 3500-Fe B (20th/21st Ed.)/UV-VIS	General Chemistry	NELAP	7/17/2014
Isobutyl alcohol (2-Methyl-1-propanol)	EPA 8015	Volatile Organics	NELAP	7/17/2014
Isobutyl alcohol (2-Methyl-1-propanol)	EPA 8260	Volatile Organics	NELAP	7/17/2014
Isodrin	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Isophorone	EPA 625	Extractable Organics	NELAP	7/17/2014
Isophorone	EPA 8270	Extractable Organics	NELAP	7/17/2014
Isopropyl alcohol (2-Propanol)	EPA 8015	Volatile Organics	NELAP	7/17/2014
Isopropyl alcohol (2-Propanol)	EPA 8260	Volatile Organics	NELAP	7/17/2014
Isopropylbenzene	EPA 624	Volatile Organics	NELAP	7/17/2014
Isopropylbenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Isosafrole	EPA 8270	Extractable Organics	NELAP	7/17/2014
Kepon	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Kjeldahl nitrogen - total	EPA 351.2	General Chemistry	NELAP	7/17/2014
Kjeldahl nitrogen - total	SM 4500-NH3 G	General Chemistry	NELAP	7/17/2014
Kjeldahl nitrogen - total	SM 4500-NorgB	General Chemistry	NELAP	7/17/2014
Kjeldahl nitrogen - total	SM 4500-NorgC	General Chemistry	NELAP	7/17/2014
Lead	EPA 200.7	Metals	NELAP	7/17/2014
Lead	EPA 200.8	Metals	NELAP	7/17/2014
Lead	EPA 6010	Metals	NELAP	7/17/2014
Lead	EPA 6020	Metals	NELAP	7/17/2014
Lithium	EPA 200.7	Metals	NELAP	7/17/2014
Lithium	EPA 6010	Metals	NELAP	7/17/2014
Lithium	EPA 6020	Metals	NELAP	10/2/2018
m+p-Xylenes	EPA 624	Volatile Organics	NELAP	7/17/2014
Magnesium	EPA 200.7	Metals	NELAP	7/17/2014
Magnesium	EPA 6010	Metals	NELAP	7/17/2014
Magnesium	EPA 6020	Metals	NELAP	7/17/2014
Malathion	EPA 622	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Manganese	EPA 200.7	Metals	NELAP	7/17/2014
Manganese	EPA 200.8	Metals	NELAP	7/17/2014
Manganese	EPA 6010	Metals	NELAP	7/17/2014

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**Middletown, PA 17057**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Manganese	EPA 6020	Metals	NELAP	7/17/2014
MCPA	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
MCPP	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Mercury	EPA 1631	Metals	NELAP	7/17/2014
Mercury	EPA 200.8	Metals	NELAP	7/17/2014
Mercury	EPA 245.1	Metals	NELAP	7/17/2014
Mercury	EPA 6020	Metals	NELAP	7/17/2014
Mercury	EPA 7470	Metals	NELAP	7/17/2014
Methacrylonitrile	EPA 8260	Volatile Organics	NELAP	7/17/2014
Methanol	EPA 8015	Volatile Organics	NELAP	7/17/2014
Methapyrilene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Methoxychlor	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Methoxychlor	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Methyl acetate	EPA 624	Volatile Organics	NELAP	7/17/2014
Methyl acetate	EPA 8260	Volatile Organics	NELAP	7/17/2014
Methyl acrylate	EPA 8260	Volatile Organics	NELAP	7/17/2014
Methyl bromide (Bromomethane)	EPA 624	Volatile Organics	NELAP	7/17/2014
Methyl bromide (Bromomethane)	EPA 8260	Volatile Organics	NELAP	7/17/2014
Methyl chloride (Chloromethane)	EPA 624	Volatile Organics	NELAP	7/17/2014
Methyl chloride (Chloromethane)	EPA 8260	Volatile Organics	NELAP	7/17/2014
Methyl methacrylate	EPA 8260	Volatile Organics	NELAP	7/17/2014
Methyl methanesulfonate	EPA 8270	Extractable Organics	NELAP	7/17/2014
Methyl parathion (Parathion, methyl)	EPA 622	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Methyl parathion (Parathion, methyl)	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Methyl tert-butyl ether (MTBE)	EPA 624	Volatile Organics	NELAP	7/17/2014
Methyl tert-butyl ether (MTBE)	EPA 8260	Volatile Organics	NELAP	7/17/2014
Methylcyclohexane	EPA 624	Volatile Organics	NELAP	7/17/2014
Methylcyclohexane	EPA 8260	Volatile Organics	NELAP	7/17/2014
Methylene chloride	EPA 624	Volatile Organics	NELAP	7/17/2014
Methylene chloride	EPA 8260	Volatile Organics	NELAP	7/17/2014
Mevinphos	EPA 622	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Mirex	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Mirex	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Molybdenum	EPA 200.7	Metals	NELAP	7/17/2014
Molybdenum	EPA 200.8	Metals	NELAP	7/17/2014
Molybdenum	EPA 6010	Metals	NELAP	7/17/2014

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**Middletown, PA 17057**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Molybdenum	EPA 6020	Metals	NELAP	7/17/2014
Naled	EPA 622	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Naphthalene	EPA 624	Volatile Organics	NELAP	7/17/2014
Naphthalene	EPA 625	Extractable Organics	NELAP	7/17/2014
Naphthalene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Naphthalene	EPA 8270	Extractable Organics	NELAP	7/17/2014
n-Butyl alcohol	EPA 8015	Volatile Organics	NELAP	10/2/2018
n-Butylbenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
n-Decane	EPA 625	Extractable Organics	NELAP	7/17/2014
n-Decane	EPA 8270	Extractable Organics	NELAP	7/17/2014
n-Hexane	EPA 8260	Volatile Organics	NELAP	7/17/2014
Nickel	EPA 200.7	Metals	NELAP	7/17/2014
Nickel	EPA 200.8	Metals	NELAP	7/17/2014
Nickel	EPA 6010	Metals	NELAP	7/17/2014
Nickel	EPA 6020	Metals	NELAP	7/17/2014
Nicotine	EPA 8270	Extractable Organics	NELAP	7/17/2014
Nitrate	EPA 300.0	General Chemistry	NELAP	7/17/2014
Nitrate	EPA 9056	General Chemistry	NELAP	7/17/2014
Nitrate-nitrite	EPA 353.2	General Chemistry	NELAP	7/17/2014
Nitrite	EPA 300.0	General Chemistry	NELAP	7/17/2014
Nitrite	EPA 9056	General Chemistry	NELAP	7/17/2014
Nitrite	SM 4500-NO2-B	General Chemistry	NELAP	7/17/2014
Nitrobenzene	EPA 625	Extractable Organics	NELAP	7/17/2014
Nitrobenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Nitrobenzene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Nitrobenzene	EPA 8330	Extractable Organics	NELAP	7/17/2014
Nitroglycerin	EPA 8330	Extractable Organics	NELAP	7/17/2014
n-Nitrosodiethylamine	EPA 625	Extractable Organics	NELAP	7/17/2014
n-Nitrosodiethylamine	EPA 8270	Extractable Organics	NELAP	7/17/2014
n-Nitrosodimethylamine	EPA 625	Extractable Organics	NELAP	7/17/2014
n-Nitrosodimethylamine	EPA 8270	Extractable Organics	NELAP	7/17/2014
n-Nitroso-di-n-butylamine	EPA 625	Extractable Organics	NELAP	7/17/2014
n-Nitroso-di-n-butylamine	EPA 8270	Extractable Organics	NELAP	7/17/2014
n-Nitrosodi-n-propylamine	EPA 625	Extractable Organics	NELAP	7/17/2014
n-Nitrosodi-n-propylamine	EPA 8270	Extractable Organics	NELAP	7/17/2014
n-Nitrosodiphenylamine	EPA 625	Extractable Organics	NELAP	7/17/2014

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Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
n-Nitrosodiphenylamine	EPA 8270	Extractable Organics	NELAP	7/17/2014
n-Nitrosomethylethylamine	EPA 8270	Extractable Organics	NELAP	7/17/2014
n-Nitrosomorpholine	EPA 8270	Extractable Organics	NELAP	7/17/2014
n-Nitrosopiperidine	EPA 8270	Extractable Organics	NELAP	7/17/2014
n-Nitrosopyrrolidine	EPA 625	Extractable Organics	NELAP	7/17/2014
n-Nitrosopyrrolidine	EPA 8270	Extractable Organics	NELAP	7/17/2014
n-Octadecane	EPA 625	Extractable Organics	NELAP	7/17/2014
n-Octadecane	EPA 8270	Extractable Organics	NELAP	7/17/2014
n-Propanol	EPA 8015	Volatile Organics	NELAP	7/17/2014
n-Propanol	EPA 8260	Volatile Organics	NELAP	7/17/2014
n-Propylbenzene	EPA 624	Volatile Organics	NELAP	7/17/2014
n-Propylbenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
o,o,o-Triethyl phosphorothioate	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	EPA 8330	Extractable Organics	NELAP	7/17/2014
Oil & Grease	EPA 1664B	General Chemistry	NELAP	7/17/2014
Orthophosphate as P	SM 4500-P E	General Chemistry	NELAP	7/17/2014
o-Toluidine	EPA 8270	Extractable Organics	NELAP	7/17/2014
Oxygen, dissolved	SM 4500-O G	General Chemistry	NELAP	10/2/2018
o-Xylene	EPA 624	Volatile Organics	NELAP	7/17/2014
o-Xylene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Parathion, ethyl	EPA 622	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Parathion, ethyl	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Pentachloroethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
Pentachloronitrobenzene (Quintozene)	EPA 8270	Extractable Organics	NELAP	7/17/2014
Pentachlorophenol	EPA 625	Extractable Organics	NELAP	7/17/2014
Pentachlorophenol	EPA 8151	Extractable Organics	NELAP	7/17/2014
Pentachlorophenol	EPA 8270	Extractable Organics	NELAP	7/17/2014
Pentaerythritoltetranitrate (PETN)	EPA 8330	Extractable Organics	NELAP	7/17/2014
Perchlorate	EPA 314.0	General Chemistry	NELAP	7/17/2014
pH	EPA 9040	General Chemistry	NELAP	7/17/2014
pH	SM 4500-H+-B	General Chemistry	NELAP	7/17/2014
Phenacetin	EPA 8270	Extractable Organics	NELAP	7/17/2014
Phenanthrene	EPA 625	Extractable Organics	NELAP	7/17/2014
Phenanthrene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Phenol	EPA 625	Extractable Organics	NELAP	7/17/2014
Phenol	EPA 8270	Extractable Organics	NELAP	7/17/2014

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Middletown, PA 17057**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Phorate	EPA 622	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Phorate	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
p-Isopropyltoluene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Potassium	EPA 200.7	Metals	NELAP	7/17/2014
Potassium	EPA 6010	Metals	NELAP	7/17/2014
Potassium	EPA 6020	Metals	NELAP	7/17/2014
Pronamide (Kerb)	EPA 8270	Extractable Organics	NELAP	7/17/2014
Propionitrile (Ethyl cyanide)	EPA 8260	Volatile Organics	NELAP	7/17/2014
Pyrene	EPA 625	Extractable Organics	NELAP	7/17/2014
Pyrene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Pyridine	EPA 625	Extractable Organics	NELAP	7/17/2014
Pyridine	EPA 8270	Extractable Organics	NELAP	7/17/2014
RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine)	EPA 8330	Extractable Organics	NELAP	7/17/2014
Residue-filterable (TDS)	SM 2540 C	General Chemistry	NELAP	7/17/2014
Residue-nonfilterable (TSS)	SM 2540 D	General Chemistry	NELAP	7/17/2014
Residue-settleable	SM 2540 F	General Chemistry	NELAP	7/17/2014
Residue-total	SM 2540 B	General Chemistry	NELAP	7/17/2014
Residue-volatile	SM 2540 E (17th ed.)	General Chemistry	NELAP	7/17/2014
Ronnel	EPA 622	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Safrole	EPA 8270	Extractable Organics	NELAP	7/17/2014
sec-Butylbenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Selenium	EPA 200.7	Metals	NELAP	7/17/2014
Selenium	EPA 200.8	Metals	NELAP	7/17/2014
Selenium	EPA 6010	Metals	NELAP	7/17/2014
Selenium	EPA 6020	Metals	NELAP	7/17/2014
Silica-dissolved	SM 4500-SiO2 C (20th/21st Ed.)/UV-VIS	General Chemistry	NELAP	7/17/2014
Silver	EPA 200.7	Metals	NELAP	7/17/2014
Silver	EPA 200.8	Metals	NELAP	7/17/2014
Silver	EPA 6010	Metals	NELAP	7/17/2014
Silver	EPA 6020	Metals	NELAP	7/17/2014
Silvex (2,4,5-TP)	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Sodium	EPA 200.7	Metals	NELAP	7/17/2014
Sodium	EPA 6010	Metals	NELAP	7/17/2014
Sodium	EPA 6020	Metals	NELAP	7/17/2014
Stirofos	EPA 622	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Strontium	EPA 200.7	Metals	NELAP	7/17/2014

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**Middletown, PA 17057**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Styrene	EPA 624	Volatile Organics	NELAP	7/17/2014
Styrene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Sulfate	EPA 300.0	General Chemistry	NELAP	7/17/2014
Sulfate	EPA 9056	General Chemistry	NELAP	7/17/2014
Sulfide	SM 4500-S F	General Chemistry	NELAP	7/17/2014
Sulfite-SO3	SM 4500-SO3 B	General Chemistry	NELAP	10/2/2018
Sulfotopp	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Surfactants - MBAS	SM 5540 C	General Chemistry	NELAP	7/17/2014
Tannin & Lignin	SM 5550 B	General Chemistry	NELAP	7/17/2014
tert-Butyl alcohol (2-Methyl-2-propanol)	EPA 624	Volatile Organics	NELAP	7/17/2014
tert-Butyl alcohol (2-Methyl-2-propanol)	EPA 8015	Volatile Organics	NELAP	7/17/2014
tert-Butyl alcohol (2-Methyl-2-propanol)	EPA 8260	Volatile Organics	NELAP	7/17/2014
tert-Butylbenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Tetrachloroethylene (Perchloroethylene)	EPA 624	Volatile Organics	NELAP	7/17/2014
Tetrachloroethylene (Perchloroethylene)	EPA 8260	Volatile Organics	NELAP	7/17/2014
Tetrahydrofuran (THF)	EPA 624	Volatile Organics	NELAP	7/17/2014
Tetrahydrofuran (THF)	EPA 8260	Volatile Organics	NELAP	7/17/2014
Tetryl (methyl-2,4,6-trinitrophenylnitramine)	EPA 8330	Extractable Organics	NELAP	7/17/2014
Thallium	EPA 200.7	Metals	NELAP	7/17/2014
Thallium	EPA 200.8	Metals	NELAP	7/17/2014
Thallium	EPA 6010	Metals	NELAP	7/17/2014
Thallium	EPA 6020	Metals	NELAP	7/17/2014
Thionazin (Zinophos)	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Tin	EPA 200.7	Metals	NELAP	7/17/2014
Tin	EPA 6010	Metals	NELAP	7/17/2014
Tin	EPA 6020	Metals	NELAP	10/2/2018
Titanium	EPA 200.7	Metals	NELAP	7/17/2014
Titanium	EPA 6010	Metals	NELAP	7/17/2014
Titanium	EPA 6020	Metals	NELAP	10/2/2018
Toluene	EPA 624	Volatile Organics	NELAP	7/17/2014
Toluene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Total coliforms	SM 9223 B	Microbiology	NELAP	7/17/2014
Total cyanide	EPA 335.4	General Chemistry	NELAP	7/17/2014
Total cyanide	EPA 9010/9012	General Chemistry	NELAP	7/17/2014
Total cyanide	EPA 9012	General Chemistry	NELAP	7/17/2014
Total cyanide	KELADA-01	General Chemistry	NELAP	10/2/2018

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**Issue Date: 7/1/2019**

**Expiration Date: 6/30/2020**



**Laboratory Scope of Accreditation**

**Attachment to Certificate #: E871113-11, expiration date June 30, 2020. This listing of accredited analytes should be used only when associated with a valid certificate.**

State Laboratory ID: **E871113**

EPA Lab Code: **PA01709**

**(717) 944-5541**

**E871113**

**ALS Environmental - Middletown**

**301 Fulling Mill Road**

**Middletown, PA 17057**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Total nitrate-nitrite	EPA 300.0	General Chemistry	NELAP	7/17/2014
Total nitrate-nitrite	EPA 9056	General Chemistry	NELAP	7/17/2014
Total organic carbon	EPA 9060	General Chemistry	NELAP	7/17/2014
Total organic carbon	SM 5310 B	General Chemistry	NELAP	7/17/2014
Total organic halides (TOX)	EPA 9020	General Chemistry	NELAP	7/17/2014
Total Petroleum Hydrocarbons (TPH)	EPA 1664B	General Chemistry	NELAP	7/17/2014
Total phenolics	EPA 420.4	General Chemistry	NELAP	7/17/2014
Total phenolics	EPA 9066	General Chemistry	NELAP	7/17/2014
Toxaphene (Chlorinated camphene)	EPA 608	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Toxaphene (Chlorinated camphene)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
trans-1,2-Dichloroethylene	EPA 624	Volatile Organics	NELAP	7/17/2014
trans-1,2-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	7/17/2014
trans-1,3-Dichloropropene	EPA 624	Volatile Organics	NELAP	7/17/2014
trans-1,3-Dichloropropene	EPA 8260	Volatile Organics	NELAP	7/17/2014
trans-1,4-Dichloro-2-butene	EPA 624	Volatile Organics	NELAP	7/17/2014
trans-1,4-Dichloro-2-butene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Trichloroethene (Trichloroethylene)	EPA 624	Volatile Organics	NELAP	7/17/2014
Trichloroethene (Trichloroethylene)	EPA 8260	Volatile Organics	NELAP	7/17/2014
Trichlorofluoromethane	EPA 624	Volatile Organics	NELAP	7/17/2014
Trichlorofluoromethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
Turbidity	SM 2130 B	General Chemistry	NELAP	7/17/2014
Uranium	EPA 200.8	Metals	NELAP	7/17/2014
Vanadium	EPA 200.7	Metals	NELAP	7/17/2014
Vanadium	EPA 200.8	Metals	NELAP	7/17/2014
Vanadium	EPA 6010	Metals	NELAP	7/17/2014
Vanadium	EPA 6020	Metals	NELAP	7/17/2014
Vinyl acetate	EPA 624	Volatile Organics	NELAP	7/17/2014
Vinyl acetate	EPA 8260	Volatile Organics	NELAP	7/17/2014
Vinyl chloride	EPA 624	Volatile Organics	NELAP	7/17/2014
Vinyl chloride	EPA 8260	Volatile Organics	NELAP	7/17/2014
Xylene (total)	EPA 624	Volatile Organics	NELAP	7/17/2014
Xylene (total)	EPA 8260	Volatile Organics	NELAP	7/17/2014
Zinc	EPA 200.7	Metals	NELAP	7/17/2014
Zinc	EPA 200.8	Metals	NELAP	7/17/2014
Zinc	EPA 6010	Metals	NELAP	7/17/2014
Zinc	EPA 6020	Metals	NELAP	7/17/2014

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**E871113**

**ALS Environmental - Middletown**

**301 Fulling Mill Road**

**Middletown, PA 17057**

Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,1,1,2-Tetrachloroethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,1,1-Trichloroethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,1,2,2-Tetrachloroethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,1,2-Trichloroethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,1-Dichloroethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,1-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,1-Dichloropropene	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,2,3-Trichlorobenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,2,3-Trichloropropane	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,2,4,5-Tetrachlorobenzene	EPA 8270	Extractable Organics	NELAP	7/17/2014
1,2,4-Trichlorobenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,2,4-Trichlorobenzene	EPA 8270	Extractable Organics	NELAP	7/17/2014
1,2,4-Trimethylbenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,2-Dichlorobenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,2-Dichlorobenzene	EPA 8270	Extractable Organics	NELAP	7/17/2014
1,2-Dichloroethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,2-Dichloropropane	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,2-Dinitrobenzene	EPA 8270	Extractable Organics	NELAP	7/17/2014
1,2-Diphenylhydrazine	EPA 8270	Extractable Organics	NELAP	7/17/2014
1,2-Diphenylhydrazine (as Azobenzene)	EPA 8270	Extractable Organics	NELAP	7/17/2014
1,3,5-Trimethylbenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,3,5-Trinitrobenzene (1,3,5-TNB)	EPA 8330	Extractable Organics	NELAP	7/17/2014
1,3-Dichlorobenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,3-Dichlorobenzene	EPA 8270	Extractable Organics	NELAP	7/17/2014
1,3-Dichloropropane	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,3-Dinitrobenzene (1,3-DNB)	EPA 8270	Extractable Organics	NELAP	7/17/2014
1,3-Dinitrobenzene (1,3-DNB)	EPA 8330	Extractable Organics	NELAP	7/17/2014
1,4-Dichlorobenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,4-Dichlorobenzene	EPA 8270	Extractable Organics	NELAP	7/17/2014
1,4-Dinitrobenzene	EPA 8270	Extractable Organics	NELAP	7/17/2014
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8260	Volatile Organics	NELAP	7/17/2014
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270	Volatile Organics	NELAP	7/17/2014
1,4-Naphthoquinone	EPA 8270	Extractable Organics	NELAP	7/17/2014

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**Laboratory Scope of Accreditation**

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State Laboratory ID: **E871113**

EPA Lab Code: **PA01709**

**(717) 944-5541**

**E871113**

**ALS Environmental - Middletown**

**301 Fulling Mill Road**

**Middletown, PA 17057**

Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
1-Chlorobutane	EPA 8260	Volatile Organics	NELAP	7/17/2014
1-Chlorohexane	EPA 8260	Volatile Organics	NELAP	7/17/2014
1-Naphthylamine	EPA 8270	Extractable Organics	NELAP	7/17/2014
2,2-Dichloropropane	EPA 8260	Volatile Organics	NELAP	7/17/2014
2,2'-Oxybis(1-chloropropane),bis(2-Chloro-1-methylethyl)ether (fka bis(2-Chloroisopropyl) ether	EPA 8270	Extractable Organics	NELAP	7/17/2014
2,3,4,6-Tetrachlorophenol	EPA 8270	Extractable Organics	NELAP	7/17/2014
2,3,5,6-Tetrachlorophenol	EPA 8270	Extractable Organics	NELAP	7/17/2014
2,3,7,8-TCDD (Dioxin, 2,3,7,8-Tetrachlorodibenzo-p-dioxin)	EPA 8270	Extractable Organics	NELAP	7/17/2014
2,4,5-T	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
2,4,5-Trichlorophenol	EPA 8270	Extractable Organics	NELAP	7/17/2014
2,4,6-Trichlorophenol	EPA 8270	Extractable Organics	NELAP	7/17/2014
2,4,6-Trinitrotoluene (2,4,6-TNT)	EPA 8330	Extractable Organics	NELAP	7/17/2014
2,4-D	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
2,4-DB	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
2,4-Dichlorophenol	EPA 8270	Extractable Organics	NELAP	7/17/2014
2,4-Dimethylphenol	EPA 8270	Extractable Organics	NELAP	7/17/2014
2,4-Dinitrophenol	EPA 8270	Extractable Organics	NELAP	7/17/2014
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270	Extractable Organics	NELAP	7/17/2014
2,4-Dinitrotoluene (2,4-DNT)	EPA 8330	Extractable Organics	NELAP	7/17/2014
2,6-Dichlorophenol	EPA 8270	Extractable Organics	NELAP	7/17/2014
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270	Extractable Organics	NELAP	7/17/2014
2,6-Dinitrotoluene (2,6-DNT)	EPA 8330	Extractable Organics	NELAP	7/17/2014
2-Acetylaminofluorene	EPA 8270	Extractable Organics	NELAP	7/17/2014
2-Amino-4,6-dinitrotoluene (2-am-dnt)	EPA 8330	Extractable Organics	NELAP	7/17/2014
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260	Volatile Organics	NELAP	7/17/2014
2-Chloroethyl vinyl ether	EPA 8260	Volatile Organics	NELAP	7/17/2014
2-Chloronaphthalene	EPA 8270	Extractable Organics	NELAP	7/17/2014
2-Chlorophenol	EPA 8270	Extractable Organics	NELAP	7/17/2014
2-Chlorotoluene	EPA 8260	Volatile Organics	NELAP	7/17/2014
2-Hexanone	EPA 8260	Volatile Organics	NELAP	7/17/2014
2-Methyl-4,6-dinitrophenol	EPA 8270	Extractable Organics	NELAP	7/17/2014
2-Methylnaphthalene	EPA 8270	Extractable Organics	NELAP	7/17/2014
2-Methylphenol (o-Cresol)	EPA 8270	Extractable Organics	NELAP	7/17/2014
2-Naphthylamine	EPA 8270	Extractable Organics	NELAP	7/17/2014
2-Nitroaniline	EPA 8270	Extractable Organics	NELAP	7/17/2014

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**Issue Date: 7/1/2019**

**Expiration Date: 6/30/2020**



**Laboratory Scope of Accreditation**

**Attachment to Certificate #: E871113-11, expiration date June 30, 2020. This listing of accredited analytes should be used only when associated with a valid certificate.**

State Laboratory ID: **E871113**

EPA Lab Code: **PA01709**

**(717) 944-5541**

**E871113**

**ALS Environmental - Middletown**

**301 Fulling Mill Road**

**Middletown, PA 17057**

Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
2-Nitrophenol	EPA 8270	Extractable Organics	NELAP	7/17/2014
2-Nitropropane	EPA 8260	Volatile Organics	NELAP	7/17/2014
2-Nitrotoluene	EPA 8330	Extractable Organics	NELAP	7/17/2014
2-Picoline (2-Methylpyridine)	EPA 8270	Extractable Organics	NELAP	7/17/2014
3,3'-Dichlorobenzidine	EPA 8270	Extractable Organics	NELAP	7/17/2014
3,3'-Dimethylbenzidine	EPA 8270	Extractable Organics	NELAP	7/17/2014
3,5-Dinitroaniline	EPA 8330	Extractable Organics	NELAP	7/17/2014
3-Methylcholanthrene	EPA 8270	Extractable Organics	NELAP	7/17/2014
3-Nitroaniline	EPA 8270	Extractable Organics	NELAP	7/17/2014
3-Nitrotoluene	EPA 8330	Extractable Organics	NELAP	7/17/2014
4,4'-DDD	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
4,4'-DDE	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
4,4'-DDT	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
4-Amino-2,6-dinitrotoluene (4-am-dnt)	EPA 8330	Extractable Organics	NELAP	7/17/2014
4-Aminobiphenyl	EPA 8270	Extractable Organics	NELAP	7/17/2014
4-Bromophenyl phenyl ether	EPA 8270	Extractable Organics	NELAP	7/17/2014
4-Chloro-3-methylphenol	EPA 8270	Extractable Organics	NELAP	7/17/2014
4-Chloroaniline	EPA 8270	Extractable Organics	NELAP	7/17/2014
4-Chlorophenyl phenylether	EPA 8270	Extractable Organics	NELAP	7/17/2014
4-Chlorotoluene	EPA 8260	Volatile Organics	NELAP	7/17/2014
4-Methyl-2-pentanone (MIBK)	EPA 8260	Volatile Organics	NELAP	7/17/2014
4-Nitroaniline	EPA 8270	Extractable Organics	NELAP	7/17/2014
4-Nitrophenol	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
4-Nitrophenol	EPA 8270	Extractable Organics	NELAP	7/17/2014
4-Nitroquinoline 1-oxide	EPA 8270	Extractable Organics	NELAP	7/17/2014
4-Nitrotoluene	EPA 8330	Extractable Organics	NELAP	7/17/2014
5-Nitro-o-toluidine	EPA 8270	Extractable Organics	NELAP	7/17/2014
7,12-Dimethylbenz(a) anthracene	EPA 8270	Extractable Organics	NELAP	7/17/2014
a,a-Dimethylphenethylamine	EPA 8270	Extractable Organics	NELAP	7/17/2014
Acenaphthene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Acenaphthylene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Acetone	EPA 8260	Volatile Organics	NELAP	7/17/2014
Acetonitrile	EPA 8015	Volatile Organics	NELAP	7/17/2014
Acetonitrile	EPA 8260	Volatile Organics	NELAP	7/17/2014
Acetophenone	EPA 8270	Extractable Organics	NELAP	7/17/2014
Acrolein (Propenal)	EPA 8260	Volatile Organics	NELAP	7/17/2014

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**ALS Environmental - Middletown**

**301 Fulling Mill Road**

**Middletown, PA 17057**

Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Acrylonitrile	EPA 8260	Volatile Organics	NELAP	7/17/2014
Alachlor	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Aldrin	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Allyl alcohol	EPA 8015	Volatile Organics	NELAP	7/17/2014
Allyl chloride (3-Chloropropene)	EPA 8260	Volatile Organics	NELAP	7/17/2014
alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
alpha-Chlordane	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Aluminum	EPA 6010	Metals	NELAP	7/17/2014
Aluminum	EPA 6020	Metals	NELAP	7/17/2014
Ammonia as N	SM 4500-NH3 D (19th, 20th, 21st Ed.)/ISE	General Chemistry	NELAP	7/17/2014
Aniline	EPA 8270	Extractable Organics	NELAP	7/17/2014
Anthracene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Antimony	EPA 6010	Metals	NELAP	7/17/2014
Antimony	EPA 6020	Metals	NELAP	7/17/2014
Aramite	EPA 8270	Extractable Organics	NELAP	7/17/2014
Aroclor-1016 (PCB-1016)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Aroclor-1221 (PCB-1221)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Aroclor-1232 (PCB-1232)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Aroclor-1242 (PCB-1242)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Aroclor-1248 (PCB-1248)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Aroclor-1254 (PCB-1254)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Aroclor-1260 (PCB-1260)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Arsenic	EPA 6010	Metals	NELAP	7/17/2014
Arsenic	EPA 6020	Metals	NELAP	7/17/2014
Atrazine	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Barium	EPA 6010	Metals	NELAP	7/17/2014
Barium	EPA 6020	Metals	NELAP	7/17/2014
Benzaldehyde	EPA 8270	Extractable Organics	NELAP	7/17/2014
Benzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Benzidine	EPA 8270	Extractable Organics	NELAP	7/17/2014
Benzo(a)anthracene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Benzo(a)pyrene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Benzo(b)fluoranthene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Benzo(g,h,i)perylene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Benzo(k)fluoranthene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Benzoic acid	EPA 8270	Extractable Organics	NELAP	7/17/2014

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**ALS Environmental - Middletown**

**301 Fulling Mill Road**

**Middletown, PA 17057**

Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Benzyl alcohol	EPA 8270	Extractable Organics	NELAP	7/17/2014
Benzyl chloride	EPA 8260	Volatile Organics	NELAP	7/17/2014
Beryllium	EPA 6010	Metals	NELAP	7/17/2014
Beryllium	EPA 6020	Metals	NELAP	7/17/2014
beta-BHC (beta-Hexachlorocyclohexane)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Biphenyl	EPA 8270	Extractable Organics	NELAP	7/17/2014
bis(2-Chloroethoxy)methane	EPA 8270	Extractable Organics	NELAP	7/17/2014
bis(2-Chloroethyl) ether	EPA 8270	Extractable Organics	NELAP	7/17/2014
Boron	EPA 6010	Metals	NELAP	7/17/2014
Bromide	EPA 300.0	General Chemistry	NELAP	7/17/2014
Bromide	EPA 9056	General Chemistry	NELAP	7/17/2014
Bromobenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Bromochloromethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
Bromodichloromethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
Bromoform	EPA 8260	Volatile Organics	NELAP	7/17/2014
Butyl benzyl phthalate	EPA 8270	Extractable Organics	NELAP	7/17/2014
Cadmium	EPA 6010	Metals	NELAP	7/17/2014
Cadmium	EPA 6020	Metals	NELAP	7/17/2014
Calcium	EPA 6010	Metals	NELAP	7/17/2014
Calcium	EPA 6020	Metals	NELAP	7/17/2014
Caprolactam	EPA 8270	Extractable Organics	NELAP	7/17/2014
Carbazole	EPA 8270	Extractable Organics	NELAP	7/17/2014
Carbon disulfide	EPA 8260	Volatile Organics	NELAP	7/17/2014
Carbon tetrachloride	EPA 8260	Volatile Organics	NELAP	7/17/2014
Chlordane (tech.)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Chloride	EPA 300.0	General Chemistry	NELAP	7/17/2014
Chloride	EPA 9056	General Chemistry	NELAP	7/17/2014
Chloroacetonitrile	EPA 8260	Volatile Organics	NELAP	7/17/2014
Chlorobenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Chlorobenzilate	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Chloroethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
Chloroform	EPA 8260	Volatile Organics	NELAP	7/17/2014
Chloroprene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Chromium	EPA 6010	Metals	NELAP	7/17/2014
Chromium	EPA 6020	Metals	NELAP	7/17/2014
Chromium VI	EPA 7196	General Chemistry	NELAP	7/17/2014

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**Laboratory Scope of Accreditation**

**Attachment to Certificate #: E871113-11, expiration date June 30, 2020. This listing of accredited analytes should be used only when associated with a valid certificate.**

State Laboratory ID: **E871113**

EPA Lab Code: **PA01709**

**(717) 944-5541**

**E871113**

**ALS Environmental - Middletown**

**301 Fulling Mill Road**

**Middletown, PA 17057**

Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Chrysene	EPA 8270	Extractable Organics	NELAP	7/17/2014
cis-1,2-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	7/17/2014
cis-1,3-Dichloropropene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Cobalt	EPA 6010	Metals	NELAP	7/17/2014
Cobalt	EPA 6020	Metals	NELAP	7/17/2014
Copper	EPA 6010	Metals	NELAP	7/17/2014
Copper	EPA 6020	Metals	NELAP	7/17/2014
Cyclohexane	EPA 8260	Volatile Organics	NELAP	7/17/2014
Dalapon	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
delta-BHC	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Di(2-ethylhexyl) phthalate (DEHP)	EPA 8270	Extractable Organics	NELAP	7/17/2014
Diallate	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Dibenz(a,h)anthracene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Dibenzofuran	EPA 8270	Extractable Organics	NELAP	7/17/2014
Dibromochloromethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
Dibromomethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
Dicamba	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Dichlorodifluoromethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
Dichloroprop (Dichlorprop)	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Dieldrin	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Diesel range organics (DRO)	EPA 8015	Extractable Organics	NELAP	7/17/2014
Diethyl ether	EPA 8260	Volatile Organics	NELAP	7/17/2014
Diethyl phthalate	EPA 8270	Extractable Organics	NELAP	7/17/2014
Dimethoate	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Dimethyl phthalate	EPA 8270	Extractable Organics	NELAP	7/17/2014
Di-n-butyl phthalate	EPA 8270	Extractable Organics	NELAP	7/17/2014
Di-n-octyl phthalate	EPA 8270	Extractable Organics	NELAP	7/17/2014
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Diphenylamine	EPA 8270	Extractable Organics	NELAP	7/17/2014
Endosulfan I	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Endosulfan II	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Endosulfan sulfate	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Endrin	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Endrin aldehyde	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Endrin ketone	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Ethanol	EPA 8015	Volatile Organics	NELAP	7/17/2014

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**Middletown, PA 17057**

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Analyte	Method/Tech	Category	Certification Type	Effective Date
Ethyl acetate	EPA 8260	Volatile Organics	NELAP	7/17/2014
Ethyl methacrylate	EPA 8260	Volatile Organics	NELAP	7/17/2014
Ethyl methanesulfonate	EPA 8270	Extractable Organics	NELAP	7/17/2014
Ethylbenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Ethylene glycol	EPA 8015	Volatile Organics	NELAP	7/17/2014
Extractable organic halides (EOX)	EPA 9023	General Chemistry	NELAP	7/17/2014
Fecal coliforms	EPA 1680	Microbiology	NELAP	7/17/2014
Fecal coliforms	SM 9222 D	Microbiology	NELAP	7/17/2014
Fluoranthene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Fluorene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Fluoride	EPA 300.0	General Chemistry	NELAP	7/17/2014
Fluoride	EPA 9056	General Chemistry	NELAP	7/17/2014
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
gamma-Chlordane	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Gasoline range organics (GRO)	EPA 8015	Extractable Organics	NELAP	7/17/2014
Heptachlor	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Heptachlor epoxide	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Hexachlorobenzene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Hexachlorobutadiene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Hexachlorobutadiene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Hexachlorocyclopentadiene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Hexachloroethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
Hexachloroethane	EPA 8270	Extractable Organics	NELAP	7/17/2014
Hexachloropropene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Ignitability	EPA 1010	General Chemistry	NELAP	7/17/2014
Ignitability	EPA 1030	General Chemistry	NELAP	7/17/2014
Indeno(1,2,3-cd)pyrene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Iodomethane (Methyl iodide)	EPA 8260	Volatile Organics	NELAP	7/17/2014
Iron	EPA 6010	Metals	NELAP	7/17/2014
Iron	EPA 6020	Metals	NELAP	7/17/2014
Isobutyl alcohol (2-Methyl-1-propanol)	EPA 8015	Volatile Organics	NELAP	7/17/2014
Isobutyl alcohol (2-Methyl-1-propanol)	EPA 8260	Volatile Organics	NELAP	7/17/2014
Isodrin	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Isophorone	EPA 8270	Extractable Organics	NELAP	7/17/2014
Isopropyl alcohol (2-Propanol)	EPA 8260	Volatile Organics	NELAP	7/17/2014
Isopropylbenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014

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Analyte	Method/Tech	Category	Certification Type	Effective Date
Isosafrole	EPA 8270	Extractable Organics	NELAP	7/17/2014
Kepone	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Kjeldahl nitrogen - total	SM 4500-NH3 D (19th, 20th, 21st Ed.)/ISE	General Chemistry	NELAP	7/17/2014
Lead	EPA 6010	Metals	NELAP	7/17/2014
Lead	EPA 6020	Metals	NELAP	7/17/2014
Lithium	EPA 6010	Metals	NELAP	10/2/2018
Magnesium	EPA 6010	Metals	NELAP	7/17/2014
Magnesium	EPA 6020	Metals	NELAP	7/17/2014
Manganese	EPA 6010	Metals	NELAP	7/17/2014
Manganese	EPA 6020	Metals	NELAP	7/17/2014
MCPA	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
MCPP	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Mercury	EPA 6020	Metals	NELAP	7/17/2014
Mercury	EPA 7470	Metals	NELAP	7/17/2014
Mercury	EPA 7471	Metals	NELAP	7/17/2014
Methacrylonitrile	EPA 8260	Volatile Organics	NELAP	7/17/2014
Methanol	EPA 8015	Volatile Organics	NELAP	7/17/2014
Methapyrilene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Methoxychlor	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Methyl acetate	EPA 8260	Volatile Organics	NELAP	7/17/2014
Methyl acrylate	EPA 8260	Volatile Organics	NELAP	7/17/2014
Methyl bromide (Bromomethane)	EPA 8260	Volatile Organics	NELAP	7/17/2014
Methyl chloride (Chloromethane)	EPA 8260	Volatile Organics	NELAP	7/17/2014
Methyl methacrylate	EPA 8260	Volatile Organics	NELAP	7/17/2014
Methyl methanesulfonate	EPA 8270	Extractable Organics	NELAP	7/17/2014
Methyl tert-butyl ether (MTBE)	EPA 8260	Volatile Organics	NELAP	7/17/2014
Methylcyclohexane	EPA 8260	Volatile Organics	NELAP	7/17/2014
Methylene chloride	EPA 8260	Volatile Organics	NELAP	7/17/2014
Mirex	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Molybdenum	EPA 6010	Metals	NELAP	7/17/2014
Molybdenum	EPA 6020	Metals	NELAP	7/17/2014
Naphthalene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Naphthalene	EPA 8270	Extractable Organics	NELAP	7/17/2014
n-Butylbenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Nickel	EPA 6010	Metals	NELAP	7/17/2014
Nickel	EPA 6020	Metals	NELAP	7/17/2014

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Analyte	Method/Tech	Category	Certification Type	Effective Date
Nicotine	EPA 8270	Extractable Organics	NELAP	7/17/2014
Nitrate	EPA 9056	General Chemistry	NELAP	7/17/2014
Nitrate as N	EPA 300.0	General Chemistry	NELAP	7/17/2014
Nitrite	EPA 9056	General Chemistry	NELAP	7/17/2014
Nitrite as N	EPA 300.0	General Chemistry	NELAP	7/17/2014
Nitrobenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Nitrobenzene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Nitrobenzene	EPA 8330	Extractable Organics	NELAP	7/17/2014
Nitroglycerin	EPA 8330	Extractable Organics	NELAP	7/17/2014
n-Nitrosodiethylamine	EPA 8270	Extractable Organics	NELAP	7/17/2014
n-Nitrosodimethylamine	EPA 8270	Extractable Organics	NELAP	7/17/2014
n-Nitroso-di-n-butylamine	EPA 8270	Extractable Organics	NELAP	7/17/2014
n-Nitrosodi-n-propylamine	EPA 8270	Extractable Organics	NELAP	7/17/2014
n-Nitrosodiphenylamine	EPA 8270	Extractable Organics	NELAP	7/17/2014
n-Nitrosomethylethylamine	EPA 8270	Extractable Organics	NELAP	7/17/2014
n-Nitrosomorpholine	EPA 8270	Extractable Organics	NELAP	7/17/2014
n-Nitrosopiperidine	EPA 8270	Extractable Organics	NELAP	7/17/2014
n-Nitrosopyrrolidine	EPA 8270	Extractable Organics	NELAP	7/17/2014
Non-Polar Extractable Material (TPH)	EPA 1664B	Extractable Organics	NELAP	10/2/2018
n-Propanol	EPA 8015	Volatile Organics	NELAP	7/17/2014
n-Propanol	EPA 8260	Volatile Organics	NELAP	7/17/2014
n-Propylbenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
o,o,o-Triethyl phosphorothioate	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	EPA 8330	Extractable Organics	NELAP	7/17/2014
Oil & Grease	EPA 9071	General Chemistry	NELAP	7/17/2014
Orthophosphate as P	SM 4500-P E	General Chemistry	NELAP	7/17/2014
o-Toluidine	EPA 8270	Extractable Organics	NELAP	7/17/2014
Paint Filter Liquids Test	EPA 9095	General Chemistry	NELAP	7/17/2014
Pentachlorobenzene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Pentachloroethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
Pentachloronitrobenzene (Quintozene)	EPA 8270	Extractable Organics	NELAP	7/17/2014
Pentachlorophenol	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Pentachlorophenol	EPA 8270	Extractable Organics	NELAP	7/17/2014
Pentaerythritoltetranitrate (PETN)	EPA 8330	Extractable Organics	NELAP	7/17/2014
pH	EPA 9045	General Chemistry	NELAP	7/17/2014
Phenacetin	EPA 8270	Extractable Organics	NELAP	7/17/2014

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Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Phenanthrene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Phenol	EPA 8270	Extractable Organics	NELAP	7/17/2014
Phosphorus, total	EPA 365.1	General Chemistry	NELAP	7/17/2014
p-Isopropyltoluene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Potassium	EPA 6010	Metals	NELAP	7/17/2014
Potassium	EPA 6020	Metals	NELAP	7/17/2014
Pronamide (Kerb)	EPA 8270	Extractable Organics	NELAP	7/17/2014
Propionitrile (Ethyl cyanide)	EPA 8260	Volatile Organics	NELAP	7/17/2014
Pyrene	EPA 8270	Extractable Organics	NELAP	7/17/2014
Pyridine	EPA 8270	Extractable Organics	NELAP	7/17/2014
RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine)	EPA 8330	Extractable Organics	NELAP	7/17/2014
Reactive cyanide	Sec. 7.3 SW-846	General Chemistry	NELAP	7/17/2014
Reactive sulfide	Sec. 7.3 SW-846	General Chemistry	NELAP	7/17/2014
Residue-total	SM 2540 G	General Chemistry	NELAP	7/17/2014
Residue-volatile	SM 2540 G	General Chemistry	NELAP	7/17/2014
Resorcinol	EPA 8270	Extractable Organics	NELAP	7/17/2014
Safrole	EPA 8270	Extractable Organics	NELAP	7/17/2014
sec-Butylbenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Selenium	EPA 6010	Metals	NELAP	7/17/2014
Selenium	EPA 6020	Metals	NELAP	7/17/2014
Silica as SiO2	EPA 6010	Metals	NELAP	7/17/2014
Silver	EPA 6010	Metals	NELAP	7/17/2014
Silver	EPA 6020	Metals	NELAP	7/17/2014
Silvex (2,4,5-TP)	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Sodium	EPA 6010	Metals	NELAP	7/17/2014
Sodium	EPA 6020	Metals	NELAP	7/17/2014
Strontium	EPA 6010	Metals	NELAP	7/17/2014
Strontium	EPA 6020	Metals	NELAP	7/17/2014
Styrene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Sulfate	EPA 300.0	General Chemistry	NELAP	7/17/2014
Sulfate	EPA 9056	General Chemistry	NELAP	7/17/2014
Sulfotep	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Synthetic Precipitation Leaching Procedure	EPA 1312	General Chemistry	NELAP	7/17/2014
tert-Butyl alcohol (2-Methyl-2-propanol)	EPA 8015	Volatile Organics	NELAP	10/2/2018
tert-Butyl alcohol (2-Methyl-2-propanol)	EPA 8260	Volatile Organics	NELAP	7/17/2014
tert-Butylbenzene	EPA 8260	Volatile Organics	NELAP	7/17/2014

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Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Tetrachloroethylene (Perchloroethylene)	EPA 8260	Volatile Organics	NELAP	7/17/2014
Tetryl (methyl-2,4,6-trinitrophenylnitramine)	EPA 8330	Extractable Organics	NELAP	7/17/2014
Thallium	EPA 6010	Metals	NELAP	7/17/2014
Thallium	EPA 6020	Metals	NELAP	7/17/2014
Thionazin (Zinophos)	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Tin	EPA 6010	Metals	NELAP	7/17/2014
Tin	EPA 6020	Metals	NELAP	7/17/2014
Titanium	EPA 6010	Metals	NELAP	7/17/2014
Titanium	EPA 6020	Metals	NELAP	7/17/2014
Toluene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Total cyanide	EPA 9012	General Chemistry	NELAP	7/17/2014
Total organic carbon	EPA 9060	General Chemistry	NELAP	7/17/2014
Total phenolics	EPA 9066	General Chemistry	NELAP	7/17/2014
Toxaphene (Chlorinated camphene)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/17/2014
Toxicity Characteristic Leaching Procedure	EPA 1311	General Chemistry	NELAP	7/17/2014
trans-1,2-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	7/17/2014
trans-1,3-Dichloropropene	EPA 8260	Volatile Organics	NELAP	7/17/2014
trans-1,4-Dichloro-2-butene	EPA 8260	Volatile Organics	NELAP	7/17/2014
Trichloroethene (Trichloroethylene)	EPA 8260	Volatile Organics	NELAP	7/17/2014
Trichlorofluoromethane	EPA 8260	Volatile Organics	NELAP	7/17/2014
Vanadium	EPA 6010	Metals	NELAP	7/17/2014
Vanadium	EPA 6020	Metals	NELAP	7/17/2014
Vinyl acetate	EPA 8260	Volatile Organics	NELAP	7/17/2014
Vinyl chloride	EPA 8260	Volatile Organics	NELAP	7/17/2014
Xylene (total)	EPA 8260	Volatile Organics	NELAP	7/17/2014
Zinc	EPA 6010	Metals	NELAP	7/17/2014
Zinc	EPA 6020	Metals	NELAP	7/17/2014