

WEST VIRGINIA  
Department of

**Health &  
Human  
Resources**  
BUREAU FOR PUBLIC HEALTH



Certification Number: **9961 C**

Date Issued: **January 01, 2019**

Expiration Date: **December 31, 2019**

Office of Laboratory Services  
Environmental Drinking Water Laboratory Certification Program

*Certifies that*

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

Having duly met the requirements of the regulation (64CSR 3-13) for the Certification of Laboratories Analyzing Drinking Water  
Is hereby approved as a

*State Certified Drinking Water Laboratory*

To perform the analyses as indicated on the Certified Parameter List which must accompany this certificate

*James C. Kram PhD*  
\_\_\_\_\_  
Laboratory Director

*Gregory W. Young*  
\_\_\_\_\_  
Associate Director of Environmental Programs

Surrender Upon Revocation

Certificate Not Transferable

Customers are urged to verify the laboratory's current certification status.

Conspicuously display in the laboratory with the Certified Parameter List in a location on the premises visible to the public.

Not Valid Unless Embossed

**LABORATORY CERTIFIED PARAMETER LIST**

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

Certificate: **9961 C**  
Issue Date: **1/1/2019**  
Expiration Date: **12/31/2019**

*Certification reciprocity certificate*  
*State of Pennsylvania Laboratory ID 22-00293*

**Group: Trace Metals**

	Method	Status	Description
Antimony	US EPA 200.8 R 5.4	Certified	
Arsenic	US EPA 200.8 R 5.4	Certified	
Barium	US EPA 200.7 R 4.4	Certified	
Barium	US EPA 200.8 R 5.4	Certified	
Beryllium	US EPA 200.8 R 5.4	Certified	
Cadmium	US EPA 200.7 R 4.4	Certified	
Cadmium	US EPA 200.8 R 5.4	Certified	
Chromium	US EPA 200.7 R 4.4	Certified	
Chromium	US EPA 200.8 R 5.4	Certified	
Copper	US EPA 200.8 R 5.4	Certified	
Copper	US EPA 200.7 R 4.4	Certified	
Lead	US EPA 200.8 R 5.4	Certified	
Mercury	US EPA 200.8 R 5.4	Certified	
Mercury	US EPA 245.1 R 3.0	Certified	
Nickel	US EPA 200.7 R 4.4	Certified	
Nickel	US EPA 200.8 R 5.4	Certified	
Selenium	US EPA 200.8 R 5.4	Certified	
Sodium	US EPA 200.7 R 4.4	Certified	
Thallium	US EPA 200.8 R 5.4	Certified	

**Group: Inorganics**

	Method	Status	Description
Bromate	US EPA 300.1 R 1.0	Certified	
Chlorite	US EPA 300.1 R 1.0	Certified	
Cyanide	US EPA 335.4 R 1.0	Certified	
Fluoride	US EPA 300.0 R 2.1	Certified	
Nitrate-N	US EPA 300.0 R 2.1	Certified	
Nitrite-N	US EPA 300.0 R 2.1	Certified	

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<b>Group: Organics, Pesticides</b>	Method	Status	Description
Alachlor	US EPA 505 R 2.1	Certified	
Alachlor	US EPA 525.2 R 2.0	Certified	
Atrazine	US EPA 525.2 R 2.0	Certified	
Carbofuran	US EPA 531.1 R 3.1	Certified	
Chlordane	US EPA 505 R 2.1	Certified	
Endrin	US EPA 525.2 R 2.0	Certified	
Endrin	US EPA 505 R 2.1	Certified	
Heptachlor	US EPA 505 R 2.1	Certified	
Heptachlor	US EPA 525.2 R 2.0	Certified	
Heptachlor Epoxide	US EPA 505 R 2.1	Certified	
Heptachlor Epoxide	US EPA 525.2 R 2.0	Certified	
Hexachlorobenzene	US EPA 505 R 2.1	Certified	
Hexachlorobenzene	US EPA 525.2 R 2.0	Certified	
Hexachlorocyclopentadiene	US EPA 525.2 R 2.0	Certified	
Hexachlorocyclopentadiene	US EPA 505 R 2.1	Certified	
Lindane	US EPA 525.2 R 2.0	Certified	
Lindane	US EPA 505 R 2.1	Certified	
Methoxychlor	US EPA 505 R 2.1	Certified	
Methoxychlor	US EPA 525.2 R 2.0	Certified	
Oxamyl (Vydate)	US EPA 531.1 R 3.1	Certified	
Simazine	US EPA 525.2 R 2.0	Certified	
Toxaphene	US EPA 505 R 2.1	Certified	

<b>Group: Organics, Haloacetic Acids (HAA5)</b>	Method	Status	Description
Bromoacetic Acid	US EPA 552.2 R 1.0	Certified	
Chloroacetic Acid	US EPA 552.2 R 1.0	Certified	
Dibromoacetic Acid	US EPA 552.2 R 1.0	Certified	
Dichloroacetic Acid	US EPA 552.2 R 1.0	Certified	
Trichloroacetic Acid	US EPA 552.2 R 1.0	Certified	
Total Haloacetic Acids	US EPA 552.2 R 1.0	Certified	

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**Group: Organics, Herbicides**

	Method	Status	Description
2,4,5-TP (Silvex)	US EPA 515.3 R 1.0	Certified	
2,4-D	US EPA 515.3 R 1.0	Certified	
Dalapon	US EPA 515.3 R 1.0	Certified	
Dinoseb	US EPA 515.3 R 1.0	Certified	
Diquat	US EPA 549.2 R 1.0	Certified	
Endothall	US EPA 548.1 R 1.0	Certified	
Glyphosate	US EPA 547	Certified	
Pentachlorophenol	US EPA 515.3 R 1.0	Certified	
Picloram	US EPA 515.3 R 1.0	Certified	

**Group: Organics, Trihalomethanes**

	Method	Status	Description
Bromoform	US EPA 524.2 R 4.1	Certified	
Bromodichloromethane	US EPA 524.2 R 4.1	Certified	
Chloroform	US EPA 524.2 R 4.1	Certified	
Chlorodibromomethane	US EPA 524.2 R 4.1	Certified	
Total Trihalomethanes	US EPA 524.2 R 4.1	Certified	

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**Group: Organics, Volatile Organic Chemicals**

	Method	Status	Description
1,1,1-Trichloroethane	US EPA 524.2 R 4.1	Certified	
1,1,2-Trichloroethane	US EPA 524.2 R 4.1	Certified	
1,1-Dichloroethylene	US EPA 524.2 R 4.1	Certified	
1,2,4-Trichlorobenzene	US EPA 524.2 R 4.1	Certified	
1,2-Dichlorobenzene	US EPA 524.2 R 4.1	Certified	
1,2-Dichloroethane	US EPA 524.2 R 4.1	Certified	
1,2-Dichloropropane	US EPA 524.2 R 4.1	Certified	
1,4-Dichlorobenzene	US EPA 524.2 R 4.1	Certified	
Benzene	US EPA 524.2 R 4.1	Certified	
Carbon Tetrachloride	US EPA 524.2 R 4.1	Certified	
Chlorobenzene	US EPA 524.2 R 4.1	Certified	
cis-1,2-Dichloroethylene	US EPA 524.2 R 4.1	Certified	
Dichloromethane	US EPA 524.2 R 4.1	Certified	
Ethylbenzene	US EPA 524.2 R 4.1	Certified	
Styrene	US EPA 524.2 R 4.1	Certified	
Tetrachloroethylene	US EPA 524.2 R 4.1	Certified	
Toluene	US EPA 524.2 R 4.1	Certified	
trans-1,2-Dichloroethylene	US EPA 524.2 R 4.1	Certified	
Trichloroethylene	US EPA 524.2 R 4.1	Certified	
Vinyl Chloride	US EPA 524.2 R 4.1	Certified	
Xylenes (Total)	US EPA 524.2 R 4.1	Certified	

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Friday, January 25, 2019

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**Group: Organics, Synthetic Organic Chemicals**

Method	Status	Description
Benzo(a)pyrene	US EPA 525.2 R 2.0	Certified
Dibromochloropropane (DBCP)	US EPA 504.1 R 1.1	Certified
Di(2-ethylhexyl)adipate	US EPA 525.2 R 2.0	Certified
Di(2-ethylhexyl)phthalate	US EPA 525.2 R 2.0	Certified
Ethylene dibromide (EDB)	US EPA 504.1 R 1.1	Certified
PCBs as Aroclors (screen)	US EPA 505 R 2.1	Certified
PCB Aroclor 1016	US EPA 505 R 2.1	Certified
PCB Aroclor 1221	US EPA 505 R 2.1	Certified
PCB Aroclor 1232	US EPA 505 R 2.1	Certified
PCB Aroclor 1242	US EPA 505 R 2.1	Certified
PCB Aroclor 1248	US EPA 505 R 2.1	Certified
PCB Aroclor 1254	US EPA 505 R 2.1	Certified
PCB Aroclor 1260	US EPA 505 R 2.1	Certified

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