



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 3**

**Four Penn Center  
1600 John F. Kennedy Boulevard  
Philadelphia, Pennsylvania 19103-2852**

**Issues to**

**Delaware (DE00017)**

**Laboratory Safe Drinking Water Act (SDWA) Certificate  
January 1, 2024 - December 31, 2024**

**BASED UPON CURRENT REQUIRED SDWA ANALYTICAL CAPABILITIES FOR PRIMACY,  
LABORATORY PROFICIENCY TESTING (PT) SAMPLE PERFORMANCE,  
LATEST ON-SITE REVIEW & ANY INTERIM APPROVALS**

**Last On-site 10/25/2022**

**LEGEND**

**C – Certified to Perform SDWA Compliance Analyses.  
IC – Interim Certified to Perform SDWA Compliance Analyses  
Based Upon Documentation Provided (On-Site Pending).  
NC – Not Certified to Perform SDWA Compliance Analyses**

---

**Cynthia Caporale, Acting Director  
Laboratory Services and Applied Science Division  
Region 3 Certification Authority**

## DE00017 Delaware Health Lab

Inorganic Contaminants

Analyte Name	PT Evaluation	PT Cert Status	PT Method Description	On-Site Cert Status 10/25/2022	On-Site Method Description	Overall Certification 1/1/24 to 12/31/24	Certification Method
Antimony	Accept.	C	EPA 200.8	C	EPA 200.8	C	EPA 200.8
Arsenic	Accept.	C	EPA 200.8	C	EPA 200.8	C	EPA 200.8
Asbestos	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
Barium	Accept.	C	EPA 200.8	C	EPA 200.8	C	EPA 200.8
Beryllium	Accept.	C	EPA 200.8	C	EPA 200.8	C	EPA 200.8
Cadmium	Accept.	C	EPA 200.8	C	EPA 200.8	C	EPA 200.8
Chromium	Accept.	C	EPA 200.8	C	EPA 200.8	C	EPA 200.8
Copper	Accept.	C	EPA 200.8	C	EPA 200.8	C	EPA 200.8
Cyanide (Free)	Accept.	C	SM 4500 CN F	C	SM 4500 CN F	C	SM 4500 CN F
Cyanide (Total, Required if used for screening)	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	Total CN is only required if used for screening.
Fluoride	Accept.	C	EPA 300.0	C	EPA 300.0	C	EPA 300.0
Lead	Accept.	C	EPA 200.8	C	EPA 200.8	C	EPA 200.8
Mercury	Accept.	C	EPA 245.1	C	EPA 245.1	C	EPA 245.1
Nickel	Accept.	C	EPA 200.8	C	EPA 200.8	C	EPA 200.8
Nitrate	Accept.	C	EPA 300.0	C	EPA 300.0	C	EPA 300.0
Nitrate and Nitrite (Total)	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
Nitrite	Accept.	C	EPA 300.0	C	EPA 300.0	C	EPA 300.0
Selenium	Accept.	C	EPA 200.8	C	EPA 200.8	C	EPA 200.8
Sodium*	Accept.	C	SM 3111 B	C	SM 3111 B-99	C	SM3111 B
Thallium	Accept.	C	EPA 200.8	C	EPA 200.8	C	EPA 200.8

\*SM 3111B-99 (on-line) is identical to SM 3111B 21st edition

DE00017 Delaware Health Lab <u>Disinfection Byproduct Contaminants</u>							
Analyte Name	PT Evaluation	PT Cert Status	PT Method Description	On-Site Cert Status 10/25/2022	On-Site Method Description	Overall Certification 1/1/24 to 12/31/24	Certification Method
Bromate	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
Chlorite	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
DE00017 Delaware Health Lab <u>Haloacetic Acids</u>							
Analyte Name	PT Evaluation	PT Cert Status	PT Method Description	On-Site Cert Status 10/25/2022	On-Site Method Description	Overall Certification 1/1/24 to 12/31/24	Certification Method
Dibromoacetic acid	Accept.	C	EPA 552.2	C	EPA 552.2	C	EPA 552.2
Dichloroacetic acid	Accept.	C	EPA 552.2	C	EPA 552.2	C	EPA 552.2
Monobromoacetic acid	Accept.	C	EPA 552.2	C	EPA 552.2	C	EPA 552.2
Monochloroacetic acid	Accept.	C	EPA 552.2	C	EPA 552.2	C	EPA 552.2
Trichloroacetic acid	Accept.	C	EPA 552.2	C	EPA 552.2	C	EPA 552.2
<b>Total HAAs</b>	Accept.	C	EPA 552.2	C	EPA 552.2	C	EPA 552.2
DC00017 Delaware Health Lab <u>Trihalomethanes</u>							
Analyte Name	PT Evaluation	PT Cert Status	PT Method Description	On-Site Cert Status 10/25/2022	On-Site Method Description	Overall Certification 1/1/24 to 12/31/24	Certification Method
Bromodichloromethane	Accept.	C	EPA 524.2	C	EPA 524.2	C	EPA 524.2
Bromoform	Accept.	C	EPA 524.2	C	EPA 524.2	C	EPA 524.2
Chloroform	Accept.	C	EPA 524.2	C	EPA 524.2	C	EPA 524.2
Dibromochloromethane	Accept.	C	EPA 524.2	C	EPA 524.2	C	EPA 524.2
<b>Total Trihalomethanes (all acceptable)</b>	Accept.	C	EPA 524.2	C	EPA 524.2	C	EPA 524.2

**DE00017 Delaware Health Lab  
Volatile Organic Contaminants (VOCs)**

<b>Analyte Name</b>	<b>PT Evaluation</b>	<b>PT Cert Status</b>	<b>PT Method Description</b>	<b>On-Site Cert Status 10/25/2022</b>	<b>On-Site Method Description</b>	<b>Overall Certification 1/1/24 to 12/31/24</b>	<b>Certification Method</b>
Benzene	Accept.	C	EPA 524.2	C	EPA 524.2	C	EPA 524.2
Carbon tetrachloride	Accept.	C	EPA 524.2	C	EPA 524.2	C	EPA 524.2
Chlorobenzene	Accept.	C	EPA 524.2	C	EPA 524.2	C	EPA 524.2
1,2-Dichlorobenzene	Accept.	C	EPA 524.2	C	EPA 524.2	C	EPA 524.2
1,4-Dichlorobenzene	Accept.	C	EPA 524.2	C	EPA 524.2	C	EPA 524.2
1,2-Dichloroethane	Accept.	C	EPA 524.2	C	EPA 524.2	C	EPA 524.2
1,1-Dichloroethylene	Accept.	C	EPA 524.2	C	EPA 524.2	C	EPA 524.2
cis-1,2-Dichloroethylene	Accept.	C	EPA 524.2	C	EPA 524.2	C	EPA 524.2
trans-1,2-Dichloroethylene	Accept.	C	EPA 524.2	C	EPA 524.2	C	EPA 524.2
1,2-Dichloropropane	Accept.	C	EPA 524.2	C	EPA 524.2	C	EPA 524.2
Ethylbenzene	Accept.	C	EPA 524.2	C	EPA 524.2	C	EPA 524.2
Methylene chloride (Dichloromethane)	Accept.	C	EPA 524.2	C	EPA 524.2	C	EPA 524.2
Styrene	Accept.	C	EPA 524.2	C	EPA 524.2	C	EPA 524.2
Tetrachloroethylene	Accept.	C	EPA 524.2	C	EPA 524.2	C	EPA 524.2
Toluene	Accept.	C	EPA 524.2	C	EPA 524.2	C	EPA 524.2
1,2,4-Trichlorobenzene	Accept.	C	EPA 524.2	C	EPA 524.2	C	EPA 524.2
1,1,1-Trichloroethane	Accept.	C	EPA 524.2	C	EPA 524.2	C	EPA 524.2
1,1,2-Trichloroethane	Accept.	C	EPA 524.2	C	EPA 524.2	C	EPA 524.2
Trichloroethylene	Accept.	C	EPA 524.2	C	EPA 524.2	C	EPA 524.2
Vinyl chloride	Accept.	C	EPA 524.2	C	EPA 524.2	C	EPA 524.2
Xylenes, total	Accept.	C	EPA 524.2	C	EPA 524.2	C	EPA 524.2

**DE00017 Delaware Health Lab  
Synthetic Organic Contaminants (SOCs)**

Analyte Name	PT Evaluation	PT Cert Status	PT Method Description	On-Site Cert Status 10/25/2022	On-Site Method Description	Overall Certification 1/1/24 to 12/31/24	Certification Method
1,2-Dibromo-3-chloropropane (DBP)	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
2,4,5-TP (Silvex)	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
2,4-D (as acids, salts, and esters)	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
Aalachlor	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
Atrazine	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
Benzo(a)pyrene	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
Carbofuran	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
Chlordane	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
Dalapon	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
Di(2-ethylhexyl)adipate	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
Di(2-ethylhexyl)phthalate	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
Dinoseb	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
Dioxin (2,3,7,8-TCDD)	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
Diquat	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
Endothall	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
Endrin	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
Ethylene dibromide (EDB), 1,2-Dibromoethane	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
Glyphosate	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
Heptachlor	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
Heptachlor epoxide	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
Hexachlorobenzene	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
Hexachlorocyclopentadiene	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
Lindane	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
Methoxychlor	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
Oxamyl (Vydate)	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
PCBs (as Decachlorobiphenyl)	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
PCBs (as Aroclors)	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
Pentachlorophenol	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
Picloram	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
Simazine	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	
Toxaphene	Not Reported	NC	Not Reported	NC	Not Reviewed	NC	

**DE00017 Delaware Health Lab  
Radioactive Contaminants**

<b>Analyte Name</b>	<b>PT Evaluation</b>	<b>PT Cert Status</b>	<b>PT Method Description</b>	<b>On-Site Cert Status 5/8/19</b>	<b>On-Site Method Description</b>	<b>Overall Certification 1/1/24 to 12/31/24</b>	<b>Certification Method</b>
Gross Alpha	Not Reported	<b>NC</b>	Not Reported	<b>NC</b>	Not Reviewed	<b>NC</b>	
Gross Beta	Not Reported	<b>NC</b>	Not Reported	<b>NC</b>	Not Reviewed	<b>NC</b>	
Radium 226	Not Reported	<b>NC</b>	Not Reported	<b>NC</b>	Not Reviewed	<b>NC</b>	
Radium 228	Not Reported	<b>NC</b>	Not Reported	<b>NC</b>	Not Reviewed	<b>NC</b>	
Uranium	Accept.	<b>C</b>	EPA 200.8	<b>C</b>	EPA 200.8	<b>C</b>	EPA 200.8

**DE00017 Delaware Health Lab**

**Microbiological Contaminants**

<b>Analyte Name</b>	<b>PT Evaluation</b>	<b>PT Cert Status</b>	<b>PT Method Description</b>	<b>On-Site Cert Status 10/25/2022</b>	<b>On-Site Method Description</b>	<b>Overall Certification 1/1/24 to 12/31/24</b>	<b>Certification Method</b>
Coliforms, Total (presence/absence)	Accept.	<b>C</b>	SM9223 Colilert	<b>C</b>	SM9223 Colilert*	<b>C</b>	SM 23rd 9223 Colilert*
Coliforms, Total (presence/absence)	Accept.	<b>C</b>	SM9223 Colisure	<b>C</b>	SM9223 Colisure	<b>C</b>	SM 23rd 9223 Colisure
Coliforms, E.coli (presence/absence)	Accept.	<b>C</b>	SM9223 Colilert	<b>C</b>	SM9223 Colilert*	<b>C</b>	SM 23rd 9223 Colilert*
Coliforms, E.coli (presence/absence)	Accept.	<b>C</b>	SM9223 Colisure	<b>C</b>	SM9223 Colisure	<b>C</b>	SM 23rd 9223 Colisure
Heterotrophic Bacteria (HPC)	Accept.	<b>C</b>	SM9215B	<b>C</b>	SM9215B	<b>C</b>	SM 23rd 9215B
							*Includes Colilert-18