

State of Connecticut, Department of Public Health

Approved Environmental Laboratory

THIS IS TO CERTIFY THAT THE LABORATORY DESCRIBED BELOW HAS BEEN APPROVED BY THE STATE DEPARTMENT OF PUBLIC HEALTH PURSUANT TO APPLICABLE PROVISIONS OF THE PUBLIC HEALTH CODE AND GENERAL STATUTES OF CONNECTICUT, FOR MAKING THE EXAMINATIONS, DETERMINATIONS OR TESTS SPECIFIED BELOW WHICH HAVE BEEN AUTHORIZED IN WRITING BY THAT DEPARTMENT.

SGS NORTH AMERICA – DAYTON

LOCATED AT 2235 ROUTE 130 IN DAYTON, NJ 08810

AND REGISTERED IN THE NAME OF Marcus Maguire

THIS CERTIFICATE IS ISSUED IN THE NAME OF Olga Azarian WHO HAS BEEN DESIGNATED
BY THE OWNER OR AUTHORIZED AGENT TO BE IN CHARGE OF THE LABORATORY WORK COVERED BY THIS CERTIFICATE OF APPROVAL AS
FOLLOWS:

DRINKING WATER, NON-POTABLE WATER/WASTEWATER, SOLID WASTE/SOIL

**Examination For:
INORGANIC CHEMICALS
ORGANIC CHEMICALS**

SEE CERTIFIED PARAMETER LIST FOR SPECIFIC TESTS APPROVED

EFFECTIVE RENEWAL DATE APRIL 1, 2024

THIS CERTIFICATE EXPIRES MARCH 31, 2026 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH

DATED AT HARTFORD, CONNECTICUT, THIS 25th DAY OF March, 2025



Registration
No.
PH – 0585

Lisa Michelle Morrissey

**Lisa Michelle Morrissey, MPH
Deputy Commissioner**

STATE OF CONNECTICUT



DEPARTMENT OF PUBLIC HEALTH ENVIRONMENT LAB CERTIFICATION PROGRAM (ELCP)

CERTIFIED ANALYTES REPORT FOR ALL MATRICES

SGS North America, Inc. - Dayton

2235 ROUTE 130, BLDG. B

DAYTON, NJ 08810

CT REGISTRATION NUMBER : PH-0585

REGISTERED OWNER / AUTHORIZED AGENT : Marcus Maguire

DIRECTOR : Olga Azarian

CO DIRECTOR(S) :

PHONE : (732) 329-0200

LABORATORY REGISTRATION EFFECTIVE DATE : 04/01/2024

LABORATORY REGISTRATION EXPIRATION DATE : 03/31/2026

LABORATORY STATUS : APPROVED

APPROVED BY

A handwritten signature in blue ink that reads 'Lisa Michelle Morrissey'.

3/28/2025

Lisa Michelle Morrissey, MPH
Deputy Commissioner
Connecticut Department of Public Health

REVIEWED BY

A handwritten signature in black ink that reads 'Mike Mitchell'.

3/25/2025 1:50:03 PM

Mike Mitchell
Laboratory Consultant

ANY QUESTIONS CONCERNING THIS DOCUMENT SHOULD BE ADDRESSED TO THE
ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM AT (860) 509-7389

DRINKING WATER (SDWA)

STATUS REPORTED ON 3/25/2025

ANALYTE NAME

INORGANIC PHYSICAL PARAMETERS

Color SM2120B

Conductivity SM2510B

pH SM4500H+B

Turbidity EPA 180.1

INORGANIC MINERALS PARAMETERS

Alkalinity as CaCO₃ SM2320B

Calcium Hardness SM2340 B

Chloride EPA 300.0

Fluoride EPA 300.0

Sulfate EPA 300.0

Total Hardness SM2340 C

INORGANIC NUTRIENT PARAMETERS

Ammonia as N SM 4500-NH₃ H

Nitrate as N EPA 353.2

Nitrite as N SM4500NO₂ B

Orthophosphate as P SM4500P E

METALS

Aluminum EPA 200.7

Aluminum EPA 200.8

Antimony EPA 200.8

Arsenic EPA 200.8

Barium EPA 200.7

Barium EPA 200.8

Beryllium EPA 200.7

Beryllium EPA 200.8

Boron EPA 200.7

Cadmium EPA 200.7

Cadmium EPA 200.8

Calcium EPA 200.7

Chromium EPA 200.7

Chromium EPA 200.8

Cobalt EPA 200.8

Copper EPA 200.7

Copper EPA 200.8

Iron EPA 200.7

Lead EPA 200.8

Magnesium EPA 200.7

Manganese EPA 200.7

Manganese EPA 200.8

Mercury EPA 245.1

Molybdenum EPA 200.8

Nickel EPA 200.7

Nickel EPA 200.8

Potassium EPA 200.7

Selenium EPA 200.8

Silver EPA 200.7

Silver EPA 200.8

Sodium EPA 200.7

Thallium EPA 200.8

Tin EPA 200.7

Vanadium EPA 200.7

Vanadium EPA 200.8

Zinc EPA 200.7

Zinc EPA 200.8

INORGANIC SOLIDS

Total Dissolved Solids (TDS) SM2540 C

INORGANIC DEMANDS

Total Organic Carbon SM5310 B

INORGANIC MISCELLANEOUS PARAMETERS

Cyanide, Total EPA 335.4

Surfactants - MBAS SM5540C

DISINFECTANT RESIDUALS

Chlorine SM4500Cl F

Free chlorine SM4500Cl F

VOLATILE ORGANICS

1,1,1,2-Tetrachloroethane EPA 524.2	1,1,1-Trichloroethane EPA 524.2
1,1,2,2-Tetrachloroethane EPA 524.2	1,1,2-Trichloroethane EPA 524.2
1,1-Dichloroethane EPA 524.2	1,1-Dichloroethene EPA 524.2
1,1-Dichloropropene EPA 524.2	1,2,3-Trichlorobenzene EPA 524.2
1,2,3-Trichloropropane EPA 524.2	1,2,4-Trichlorobenzene EPA 524.2
1,2,4-Trimethylbenzene EPA 524.2	1,2-Dibromo-3-chloropropane (DBCP) EPA 504.1
1,2-Dibromoethane (EDB, Ethylene dibromide) EPA 504.1	1,2-Dichlorobenzene EPA 524.2
1,2-Dichloroethane EPA 524.2	1,2-Dichloropropane EPA 524.2
1,3,5-Trimethylbenzene EPA 524.2	1,3-Dichlorobenzene EPA 524.2
1,3-Dichloropropane EPA 524.2	1,4-Dichlorobenzene EPA 524.2
2,2-Dichloropropane EPA 524.2	2-Chlorotoluene EPA 524.2
4-Chlorotoluene EPA 524.2	4-Isopropyltoluene EPA 524.2
Benzene EPA 524.2	Bromobenzene EPA 524.2
Bromochloromethane EPA 524.2	Bromodichloromethane EPA 524.2
Bromoform EPA 524.2	Bromomethane EPA 524.2
Carbon Tetrachloride EPA 524.2	Chlorobenzene EPA 524.2
Chloroethane EPA 524.2	Chloroform EPA 524.2
Chloromethane EPA 524.2	cis-1,2 Dichloroethene EPA 524.2
Dibromochloromethane EPA 524.2	Dibromomethane EPA 524.2
Dichlorodifluoromethane EPA 524.2	Ethylbenzene EPA 524.2
Hexachlorobutadiene EPA 524.2	Isopropylbenzene EPA 524.2
Methyl Isobutyl Ketone EPA 524.2	Methylene chloride EPA 524.2
Naphthalene EPA 524.2	sec-Butylbenzene EPA 524.2
n-Butylbenzene EPA 524.2	n-Propylbenzene EPA 524.2
Styrene EPA 524.2	tert-Butylbenzene EPA 524.2
Tetrachloroethene EPA 524.2	Toluene EPA 524.2
Total Trihalomethanes EPA 524.2	trans-1,2-Dichloroethene EPA 524.2
Trichloroethene EPA 524.2	Trichlorofluoromethane EPA 524.2
Vinyl Chloride EPA 524.2	Xylenes, Total EPA 524.2

PERFLUORINATED ALKYL COMPOUNDS

11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11C1-PF3OUdS) EPA 533

1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS) EPA 533

1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS) EPA 533

9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9C1-PF3ONS) EPA 533

Nonafluoro-3,6-dioxaheptanoic acid (NFDHA) EPA 533

Perfluoro-3-methoxypropanoic acid (PFMPA) EPA 533

Perfluorobutanesulfonic acid (PFBS) EPA 533

Perfluorodecanoic acid (PFDA) EPA 533

Perfluoroheptanesulfonic acid (PFHpS) EPA 533

Perfluorohexanesulfonic acid (PFHxS) EPA 533

Perfluorononanoic acid (PFNA) EPA 533

Perfluorooctanoic acid (PFOA) EPA 533

Perfluoropentanoic acid (PFPeA) EPA 533

1H, 1H, 2H, 2H-Perfluoroheaxne sulfonic acid (4:2FTS) EPA 533

4,8-dioxa-3H-perfluorononanoic acid (ADONA) EPA 533

Hexafluoropropylene oxide dimer acid (HFPO-DA) EPA 533

Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA) EPA 533

Perfluoro-4-methoxybutanoic acid (PFMBA) EPA 533

Perfluorobutanoic acid (PFBA) EPA 533

Perfluorododecanoic acid (PFDoA) EPA 533

Perfluoroheptanoic acid (PFHpA) EPA 533

Perfluorohexanoic acid (PFHxA) EPA 533

Perfluorooctanesulfonic acid (PFOS) EPA 533

Perfluoropentanesulfonic acid (PFPeS) EPA 533

Perfluoroundecanoic acid (PFUnA) EPA 533

NON-POTABLE WATER/ WASTEWATER (CWA)

STATUS REPORTED ON 3/25/2025

ANALYTE NAME

INORGANIC PHYSICAL PARAMETERS

Color SM2120B

Conductivity SM2510B

pH SM4500H+B

Turbidity EPA 180.1

INORGANIC MINERALS PARAMETERS

Acidity, as CaCO₃ SM2310B

Alkalinity as CaCO₃ SM2320B

Chloride EPA 300.0

Chloride SW-846 9056A

Fluoride EPA 300.0

Fluoride SW-846 9056A

Silica as SiO₂ EPA 200.7

Silica as SiO₂ SM4500SiO₂ C

Sulfate EPA 300.0

Sulfate SW-846 9056A

Sulfide SM 4500-S₂ F

Sulfide SW-846 9034

Sulfite SM 4500-SO₃ B

Total Hardness SM2340 C

Total Hardness SM2340B

INORGANIC NUTRIENT PARAMETERS

Ammonia as N SM 4500-NH₃ H

Kjeldahl Nitrogen, Total EPA 351.2

Nitrate as N EPA 353.2

Nitrite as N SM4500NO₂ B

Orthophosphate as P EPA 365.3

Phosphorus, Total EPA 365.3

METALS

Aluminum EPA 200.7

Aluminum EPA 200.8

Aluminum SW-846 6010D

Aluminum SW-846 6020B

Antimony EPA 200.7

Antimony EPA 200.8

Antimony SW-846 6010D

Antimony SW-846 6020B

Arsenic EPA 200.7

Arsenic EPA 200.8

Arsenic SW-846 6010D

Arsenic SW-846 6020B

Barium EPA 200.7

Barium EPA 200.8

Barium SW-846 6010D

Barium SW-846 6020B

Beryllium EPA 200.7

Beryllium EPA 200.8

Beryllium SW-846 6010D

Beryllium SW-846 6020B

Boron EPA 200.7

Boron EPA 200.8

Boron SW-846 6010D

Cadmium EPA 200.7

Cadmium EPA 200.8

Cadmium SW-846 6010D

Cadmium SW-846 6020B

Calcium EPA 200.7

Calcium EPA 200.8

Calcium SW-846 6010D

Calcium SW-846 6020B

Chromium EPA 200.7	Chromium EPA 200.8
Chromium SW-846 6010D	Chromium SW-846 6020B
Cobalt EPA 200.7	Cobalt EPA 200.8
Cobalt SW-846 6010D	Cobalt SW-846 6020B
Copper EPA 200.7	Copper EPA 200.8
Copper SW-846 6010D	Copper SW-846 6020B
Iron EPA 200.7	Iron EPA 200.8
Iron SW-846 6010D	Iron SW-846 6020B
Lead EPA 200.7	Lead EPA 200.8
Lead SW-846 6010D	Lead SW-846 6020B
Magnesium EPA 200.7	Magnesium EPA 200.8
Magnesium SW-846 6010D	Magnesium SW-846 6020B
Manganese EPA 200.7	Manganese EPA 200.8
Manganese SW-846 6010D	Manganese SW-846 6020B
Mercury EPA 1631E	Mercury EPA 245.1
Mercury SW-846 7470A	Molybdenum EPA 200.7
Molybdenum EPA 200.8	Molybdenum SW-846 6010D
Nickel EPA 200.7	Nickel EPA 200.8
Nickel SW-846 6010D	Nickel SW-846 6020B
Potassium EPA 200.7	Potassium EPA 200.8
Potassium SW-846 6010D	Potassium SW-846 6020B
Selenium EPA 200.7	Selenium EPA 200.8
Selenium SW-846 6010D	Selenium SW-846 6020B
Silver EPA 200.7	Silver EPA 200.8
Silver SW-846 6010D	Silver SW-846 6020B
Sodium EPA 200.7	Sodium EPA 200.8
Sodium SW-846 6010D	Sodium SW-846 6020B
Strontium EPA 200.7	Strontium SW-846 6010D
Thallium EPA 200.7	Thallium EPA 200.8
Thallium SW-846 6010D	Thallium SW-846 6020B
Tin EPA 200.7	Tin EPA 200.8
Tin SW-846 6010D	Titanium EPA 200.7
Titanium EPA 200.8	Titanium SW-846 6010D
Vanadium EPA 200.7	Vanadium EPA 200.8
Vanadium SW-846 6010D	Vanadium SW-846 6020B
Zinc EPA 200.7	Zinc EPA 200.8
Zinc SW-846 6010D	Zinc SW-846 6020B

INORGANIC SOLIDS

Total Dissolved Solids (TDS) SM2540 C

Total Solids (TS) SM2540B

Total Suspended Solids (TSS) SM2540D

Volatile Solids EPA 160.4

INORGANIC DEMANDS

Biochemical Oxygen Demand SM 5210B

Carbonaceous BOD, CBOD SM 5210B

Chemical Oxygen Demand SM 5220C

Total Organic Carbon SM5310 B

Total Organic Carbon SW-846 9060A

INORGANIC MISCELLANEOUS PARAMETERS

Cyanide, Total SW-846 9012B

Hexavalent Chromium SW-846 7196A

Hexavalent Chromium SW-846 7199

Phenolics, Total EPA 420.4

Surfactants - MBAS SM5540C

DISINFECTANT RESIDUALS

Chlorine SM4500Cl F

INORGANIC DISINFECTION BY-PRODUCTS

Bromide EPA 300.0

Bromide SW-846 9056A

VOLATILE ORGANICS

1,1,1,2-Tetrachloroethane EPA 624.1

1,1,1,2-Tetrachloroethane SW-846 8260D

1,1,1-Trichloroethane SW-846 8260D

1,1,2,2-Tetrachloroethane SW-846 8260D

1,1,2-Trichloroethane SW-846 8260D

1,1-Dichloroethane SW-846 8260D

1,1-Dichloroethene SW-846 8260D

1,2,4-Trimethylbenzene SW-846 8260D

1,2-Dibromo-3-chloropropane SW-846 8260D

1,2-Dibromoethane (EDB, Ethylene dibromide) SW-846 8011

1,2-Dichlorobenzene SW-846 8260D

1,2-Dichloroethane SW-846 8260D

1,2-Dichloropropane SW-846 8260D

1,3,5-Trimethylbenzene SW-846 8260D

1,3-Dichlorobenzene SW-846 8260D

1,4-Dichlorobenzene SW-846 8260D

1,4-Dioxane SW-846 8270E

2-Chlorotoluene EPA 624.1

2-Hexanone EPA 624.1

4-Chlorotoluene EPA 624.1

4-Methyl-2-pentanone (MIBK) EPA 624.1

Acetone EPA 624.1

Acrolein EPA 624.1

Acrylonitrile EPA 624.1

1,1,1-Trichloroethane EPA 624.1

1,1,2,2-Tetrachloroethane EPA 624.1

1,1,2-Trichloroethane EPA 624.1

1,1-Dichloroethane EPA 624.1

1,1-Dichloroethene EPA 624.1

1,2,4-Trimethylbenzene EPA 624.1

1,2-Dibromo-3-chloropropane (DBCP) SW-846 8011

1,2-Dibromoethane (EDB) SW-846 8260D

1,2-Dichlorobenzene EPA 624.1

1,2-Dichloroethane EPA 624.1

1,2-Dichloropropane EPA 624.1

1,3,5-Trimethylbenzene EPA 624.1

1,3-Dichlorobenzene EPA 624.1

1,4-Dichlorobenzene EPA 624.1

1,4-Dioxane SW-846 8260D

2-Butanone SW-846 8260D

2-Chlorotoluene SW-846 8260D

2-Hexanone SW-846 8260D

4-Chlorotoluene SW-846 8260D

4-Methyl-2-pentanone (MIBK) SW-846 8260D

Acetone SW-846 8260D

Acrolein SW-846 8260D

Acrylonitrile SW-846 8260D

Benzene EPA 624.1	Benzene SW-846 8260D
Bromodichloromethane EPA 624.1	Bromodichloromethane SW-846 8260D
Bromoform EPA 624.1	Bromoform SW-846 8260D
Bromomethane EPA 624.1	Bromomethane SW-846 8260D
Carbon Disulfide EPA 624.1	Carbon Disulfide SW-846 8260D
Carbon Tetrachloride EPA 624.1	Carbon Tetrachloride SW-846 8260D
Chlorobenzene EPA 624.1	Chlorobenzene SW-846 8260D
Chloroethane EPA 624.1	Chloroethane SW-846 8260D
Chloroform EPA 624.1	Chloroform SW-846 8260D
Chloromethane EPA 624.1	Chloromethane SW-846 8260D
cis-1,2-Dichloroethene EPA 624.1	cis-1,2-Dichloroethene SW-846 8260D
cis-1,3-Dichloropropene EPA 624.1	cis-1,3-Dichloropropene SW-846 8260D
Dibromochloromethane EPA 624.1	Dibromochloromethane SW-846 8260D
Ethyl Benzene EPA 624.1	Ethyl Benzene SW-846 8260D
Isopropylbenzene EPA 624.1	Isopropylbenzene SW-846 8260D
Methylene Chloride EPA 624.1	Methylene Chloride SW-846 8260D
Methyl-tert-butylether (MTBE) EPA 624.1	Methyl-tert-butylether (MTBE) SW-846 8260D
n-Butylbenzene EPA 624.1	n-Butylbenzene SW-846 8260D
n-Propylbenzene EPA 624.1	n-Propylbenzene SW-846 8260D
p-Isopropyltoluene EPA 624.1	p-Isopropyltoluene SW-846 8260D
sec-Butylbenzene EPA 624.1	sec-Butylbenzene SW-846 8260D
Styrene EPA 624.1	Styrene SW-846 8260D
tert-Butylbenzene EPA 624.1	tert-Butylbenzene SW-846 8260D
Tetrachloroethene EPA 624.1	Tetrachloroethene SW-846 8260D
Toluene EPA 624.1	Toluene SW-846 8260D
trans-1,2-Dichloroethene EPA 624.1	trans-1,2-Dichloroethene SW-846 8260D
trans-1,3-Dichloropropene EPA 624.1	trans-1,3-Dichloropropene SW-846 8260D
Trichloroethene EPA 624.1	Trichloroethene SW-846 8260D
Trichlorofluoromethane EPA 624.1	Trichlorofluoromethane SW-846 8260D
Trichlorotrifluoroethane (Freon113) SW-846 8260D	Vinyl Chloride EPA 624.1
Vinyl Chloride SW-846 8260D	Xylenes, Total EPA 624.1
Xylenes, Total SW-846 8260D	

PESTICIDES

4,4-DDD' SW-846 8081B	4,4-DDE' EPA 608.3
4,4'-DDE' SW-846 8081B	4,4'-DDT' EPA 608.3
4,4'-DDT' SW-846 8081B	4,4-DDD' EPA 608.3
Aldrin EPA 608.3	Aldrin SW-846 8081B
alpha-BHC EPA 608.3	alpha-BHC SW-846 8081B
alpha-Chlordane SW-846 8081B	beta-BHC EPA 608.3
beta-BHC SW-846 8081B	Chlordane, Technical EPA 608.3

Chlordane, Technical SW-846 8081B	delta-BHC EPA 608.3
delta-BHC SW-846 8081B	Dieldrin EPA 608.3
Dieldrin SW-846 8081B	Endosulfan I EPA 608.3
Endosulfan I SW-846 8081B	Endosulfan II EPA 608.3
Endosulfan II SW-846 8081B	Endosulfan Sulfate EPA 608.3
Endosulfan Sulfate SW-846 8081B	Endrin Aldehyde EPA 608.3
Endrin Aldehyde SW-846 8081B	Endrin EPA 608.3
Endrin Ketone EPA 608.3	Endrin Ketone SW-846 8081B
Endrin SW-846 8081B	gamma-BHC (Lindane) EPA 608.3
gamma-BHC (Lindane) SW-846 8081B	gamma-Chlordane SW-846 8081B
Heptachlor EPA 608.3	Heptachlor Epoxide EPA 608.3
Heptachlor Epoxide SW-846 8081B	Heptachlor SW-846 8081B
Methoxychlor EPA 608.3	Methoxychlor SW-846 8081B
Toxaphene EPA 608.3	Toxaphene SW-846 8081B

SOLVENTS

CT Extractable Petroleum Hydrocarbons (ETPH)	
MA Extractable Petroleum Hydrocarbons (EPH)	MA Volatile Petroleum Hydrocarbons (VPH)
Oil and Grease EPA 1664A	Oil and Grease SGT EPA 1664A
Total Organic Halides (TOX) EPA 9020B	

POLYCHLORINATED BIPHENYLS

PCB-1016 EPA 608.3	PCB-1016 SW-846 8082A
PCB-1221 EPA 608.3	PCB-1221 SW-846 8082A
PCB-1232 EPA 608.3	PCB-1232 SW-846 8082A
PCB-1242 EPA 608.3	PCB-1242 SW-846 8082A
PCB-1248 EPA 608.3	PCB-1248 SW-846 8082A
PCB-1254 EPA 608.3	PCB-1254 SW-846 8082A
PCB-1260 EPA 608.3	PCB-1260 SW-846 8082A

HERBICIDES

2,4,5-T SW-846 8151A	
2,4,5-TP SW-846 8151A	2,4-D SW-846 8151A
2,4-DB SW-846 8151A	Dalapon SW-846 8151A
Dicamba SW-846 8151A	Dichlorprop SW-846 8151A
Dinoseb SW-846 8151A	MCPA SW-846 8151A
MCPP SW-846 8151A	Pentachlorophenol SW-846 8151A

SEMIVOLATILES

1,2,4-Trichlorobenzene EPA 625.1	1,2,4-Trichlorobenzene SW-846 8270E
2,4,5-Trichlorophenol EPA 625.1	2,4,5-Trichlorophenol SW-846 8270E
2,4,6-Trichlorophenol EPA 625.1	2,4,6-Trichlorophenol SW-846 8270E
2,4-Dichlorophenol EPA 625.1	2,4-Dichlorophenol SW-846 8270E

2,4-Dimethylphenol EPA 625.1	2,4-Dimethylphenol SW-846 8270E
2,4-Dinitrophenol EPA 625.1	2,4-Dinitrophenol SW-846 8270E
2,4-Dinitrotoluene EPA 625.1	2,4-Dinitrotoluene SW-846 8270E
2,6-Dichlorophenol EPA 625.1	2,6-Dichlorophenol SW-846 8270E
2,6-Dinitrotoluene EPA 625.1	2,6-Dinitrotoluene SW-846 8270E
2-Chloronaphthalene EPA 625.1	2-Chloronaphthalene SW-846 8270E
2-Chlorophenol EPA 625.1	2-Chlorophenol SW-846 8270E
2-Methyl-4,6-dinitrophenol EPA 625.1	2-Methyl-4,6-dinitrophenol SW-846 8270E
2-Methylnaphthalene EPA 625.1	2-Methylnaphthalene SW-846 8270E
2-Methylnaphthalene SW-846 8270E SIM	2-Methylphenol EPA 625.1
2-Methylphenol SW-846 8270E	2-Nitroaniline EPA 625.1
2-Nitroaniline SW-846 8270E	2-Nitrophenol EPA 625.1
2-Nitrophenol SW-846 8270E	3&4-Methylphenol EPA 625.1
3&4-Methylphenol SW-846 8270E	3,3'-Dichlorobenzidine EPA 625.1
3,3'-Dichlorobenzidine SW-846 8270E	3-Nitroaniline EPA 625.1
3-Nitroaniline SW-846 8270E	4-Bromophenyl phenyl ether EPA 625.1
4-Bromophenyl phenyl ether SW-846 8270E	4-Chloro-3-methylphenol EPA 625.1
4-Chloro-3-methylphenol SW-846 8270E	4-Chloroaniline EPA 625.1
4-Chloroaniline SW-846 8270E	4-Chlorophenyl phenyl ether EPA 625.1
4-Chlorophenyl phenyl ether SW-846 8270E	4-Nitroaniline EPA 625.1
4-Nitroaniline SW-846 8270E	4-Nitrophenol EPA 625.1
4-Nitrophenol SW-846 8270E	Acenaphthene EPA 625.1
Acenaphthene SW-846 8270E	Acenaphthene SW-846 8270E SIM
Acenaphthylene EPA 625.1	Acenaphthylene SW-846 8270E
Acenaphthylene SW-846 8270E SIM	Anthracene EPA 625.1
Anthracene SW-846 8270E	Anthracene SW-846 8270E SIM
Atrazine SW-846 8270E	Benzidine EPA 625.1
Benzidine SW-846 8270E	Benzo(a)anthracene EPA 625.1
Benzo(a)anthracene SW-846 8270E	Benzo(a)anthracene SW-846 8270E SIM
Benzo(a)pyrene EPA 625.1	Benzo(a)pyrene SW-846 8270E
Benzo(a)pyrene SW-846 8270E SIM	Benzo(b)fluoranthene EPA 625.1
Benzo(b)fluoranthene SW-846 8270E	Benzo(b)fluoranthene SW-846 8270E SIM
Benzo(g,h,i)perylene EPA 625.1	Benzo(g,h,i)perylene SW-846 8270E
Benzo(g,h,i)perylene SW-846 8270E SIM	Benzo(k)fluoranthene EPA 625.1
Benzo(k)fluoranthene SW-846 8270E	Benzo(k)fluoranthene SW-846 8270E SIM
Benzyl butyl phthalate EPA 625.1	Benzyl butyl phthalate SW-846 8270E
bis(2-Chloroethoxy)methane EPA 625.1	bis(2-Chloroethoxy)methane SW-846 8270E
bis(2-chloroethyl) ether EPA 625.1	bis(2-chloroethyl) ether SW-846 8270E
bis(2-Chloroisopropyl) ether (2,2'-Oxybis[1-chloropropane]) EPA 625.1	bis(2-Chloroisopropyl) ether (2,2'-Oxybis[1-chloropropane]) SW-846 8270E

bis(2-Ethylhexyl)phthalate EPA 625.1	bis(2-Ethylhexyl)phthalate SW-846 8270E
Carbazole EPA 625.1	Carbazole SW-846 8270E
Chrysene EPA 625.1	Chrysene SW-846 8270E
Chrysene SW-846 8270E SIM	Di-n-butyl phthalate EPA 625.1
Dibenz(a,h)anthracene SW-846 8270E	Dibenz(a,h)anthracene SW-846 8270E SIM
Dibenzofuran EPA 625.1	Dibenzofuran SW-846 8270E
Diethyl phthalate EPA 625.1	Diethyl phthalate SW-846 8270E
Dimethyl phthalate EPA 625.1	Dimethyl phthalate SW-846 8270E
Di-n-butyl phthalate SW-846 8270E	Di-n-octyl phthalate EPA 625.1
Di-n-octyl phthalate SW-846 8270E	Dibenz(a,h)anthracene EPA 625.1
Fluoranthene EPA 625.1	Fluoranthene SW-846 8270E
Fluoranthene SW-846 8270E SIM	Hexachlorobenzene EPA 625.1
Hexachlorobenzene SW-846 8270E	Hexachlorobutadiene EPA 625.1
Hexachlorobutadiene SW-846 8270E	Hexachlorocyclopentadiene EPA 625.1
Hexachlorocyclopentadiene SW-846 8270E	Hexachloroethane EPA 625.1
Hexachloroethane SW-846 8270E	Indeno(1,2,3-cd)pyrene EPA 625.1
Indeno(1,2,3-cd)pyrene SW-846 8270E	Indeno(1,2,3-cd)pyrene SW-846 8270E SIM
Isophorone EPA 625.1	Isophorone SW-846 8270E
Naphthalene EPA 625.1	Naphthalene SW-846 8270E
Naphthalene SW-846 8270E SIM	Nitrobenzene EPA 625.1
Nitrobenzene SW-846 8270E	Pentachlorophenol EPA 625.1
N-nitrosodimethylamine EPA 625.1	N-nitrosodimethylamine SW-846 8270E
N-Nitrosodi-n-propylamine EPA 625.1	N-Nitrosodi-n-propylamine SW-846 8270E
N-nitrosodiphenylamine EPA 625.1	N-nitrosodiphenylamine SW-846 8270E
Pentachlorophenol SW-846 8270E	Phenanthrene EPA 625.1
Phenanthrene SW-846 8270E	Phenanthrene SW-846 8270E SIM
Phenol EPA 625.1	Phenol SW-846 8270E
Pyrene EPA 625.1	Pyrene SW-846 8270E
Pyrene SW-846 8270E SIM	Pyridine EPA 625.1
Pyridine SW-846 8270E	

PERFLUORINATED ALKYL COMPOUNDS

11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11C1-PF3OUdS) EPA 1633	1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS) EPA 1633
1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS) EPA 1633	1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS) EPA 1633
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA) EPA 1633	3-Perfluoroheptyl propanoic acid (7:3FTCA) EPA 1633
3-Perfluoropropyl propanoic acid (3:3FTCA) EPA 1633	4,8-dioxo-3H-perfluorononanoic acid (ADONA) EPA 1633
9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9C1-PF3ONS) EPA 1633	Hexafluoropropylene oxide dimer acid (HFPO-DA) EPA 1633
N-ethyl perfluorooctanesulfonamide (NEtFOSA) EPA 1633	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA) EPA 1633
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE) EPA 1633	N-methyl perfluorooctanesulfonamide (NMeFOSA) EPA 1633

N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA) EPA 1633	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE) EPA 1633
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA) EPA 1633	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA) EPA 1633
Perfluoro-3-methoxypropanoic acid (PFMPA) EPA 1633	Perfluoro-4-methoxybutanoic acid (PFMBA) EPA 1633
Perfluorobutanesulfonic acid (PFBS) EPA 1633	Perfluorobutanoic acid (PFBA) EPA 1633
Perfluorodecanesulfonic acid (PFDS) EPA 1633	Perfluorodecanoic acid (PFDA) EPA 1633
Perfluorododecanesulfonic acid (PFDoS) EPA 1633	Perfluorododecanoic acid (PFDoA) EPA 1633
Perfluoroheptanesulfonic acid (PFHpS) EPA 1633	Perfluoroheptanoic acid (PFHpA) EPA 1633
Perfluorohexanesulfonic acid (PFHxS) EPA 1633	Perfluorohexanoic acid (PFHxA) EPA 1633
Perfluorononanesulfonic acid (PFNS) EPA 1633	Perfluorononanoic acid (PFNA) EPA 1633
Perfluorooctanesulfonamide (PFOSA) EPA 1633	Perfluorooctanesulfonic acid (PFOS) EPA 1633
Perfluorooctanoic acid (PFOA) EPA 1633	Perfluoropentanesulfonic acid (PFPeS) EPA 1633
Perfluoropentanoic acid (PFPeA) EPA 1633	Perfluorotetradecanoic acid (PFTeDA) EPA 1633
Perfluorotridecanoic acid (PFTTrDA) EPA 1633	Perfluoroundecanoic acid (PFUnA) EPA 1633

SOLID WASTE/SOIL (RCRA)

STATUS REPORTED ON 3/25/2025

ANALYTE NAME

INORGANIC PHYSICAL PARAMETERS

pH SW-846 9045D

INORGANIC MINERALS PARAMETERS

Sulfate SW-846 9056A

Sulfide SW-846 9034

METALS

Aluminum SW-846 6010D

Aluminum SW-846 6020B

Antimony SW-846 6020B

Arsenic SW-846 6020B

Barium SW-846 6020B

Beryllium SW-846 6020B

Cadmium SW-846 6010D

Calcium SW-846 6010D

Chromium SW-846 6010D

Cobalt SW-846 6010D

Copper SW-846 6010D

Iron SW-846 6010D

Lead SW-846 6010D

Magnesium SW-846 6010D

Manganese SW-846 6010D

Mercury SW-846 7471B

Nickel SW-846 6010D

Potassium SW-846 6010D

Selenium SW-846 6010D

Silver SW-846 6010D

Sodium SW-846 6010D

Strontium SW-846 6010D

Thallium SW-846 6020B

Titanium SW-846 6010D

Vanadium SW-846 6020B

Zinc SW-846 6020B

Antimony SW-846 6010D

Arsenic SW-846 6010D

Barium SW-846 6010D

Beryllium SW-846 6010D

Boron SW-846 6010D

Cadmium SW-846 6020B

Calcium SW-846 6020B

Chromium SW-846 6020B

Cobalt SW-846 6020B

Copper SW-846 6020B

Iron SW-846 6020B

Lead SW-846 6020B

Magnesium SW-846 6020B

Manganese SW-846 6020B

Molybdenum SW-846 6010D

Nickel SW-846 6020B

Potassium SW-846 6020B

Selenium SW-846 6020B

Silver SW-846 6020B

Sodium SW-846 6020B

Thallium SW-846 6010D

Tin SW-846 6010D

Vanadium SW-846 6010D

Zinc SW-846 6010D

INORGANIC DEMANDS

Total Organic Carbon Lloyd Kahn

INORGANIC MISCELLANEOUS PARAMETERS

Cyanide, Amenable SW-846 9012B

Cyanide, Total SW-846 9012B

Hexavalent Chromium SW-846 7196A

Synthetic Precipitation Leaching Procedure (SPLP) SW-846 1312

Toxicity Characteristic Leaching Procedure (TCLP) SW-846 1311

VOLATILE ORGANICS

1,1,1,2-Tetrachloroethane SW-846 8260D

1,1,1-Trichloroethane SW-846 8260D

1,1,2,2-Tetrachloroethane SW-846 8260D

1,1,2-Trichloroethane SW-846 8260D

1,1-Dichloroethane SW-846 8260D

1,1-Dichloroethene SW-846 8260D

1,2,4-Trimethylbenzene SW-846 8260D

1,2-Dibromo-3-chloropropane SW-846 8260D

1,2-Dibromoethane (EDB) SW-846 8260D

1,2-Dichlorobenzene SW-846 8260D

1,2-Dichloroethane SW-846 8260D

1,2-Dichloropropane SW-846 8260D

1,3,5-Trimethylbenzene SW-846 8260D

1,3-Dichlorobenzene SW-846 8260D

1,4-Dichlorobenzene SW-846 8260D

2-Butanone SW-846 8260D

2-Chlorotoluene SW-846 8260D

2-Hexanone SW-846 8260D

4-Chlorotoluene SW-846 8260D

4-Methyl-2-pentanone (MIBK) SW-846 8260D

Acetone SW-846 8260D

Acrolein SW-846 8260D

Acrylonitrile SW-846 8260D

Benzene SW-846 8260D

Bromodichloromethane SW-846 8260D

Bromoform SW-846 8260D

Bromomethane SW-846 8260D

Carbon Disulfide SW-846 8260D

Carbon Tetrachloride SW-846 8260D

Chlorobenzene SW-846 8260D

Chloroethane SW-846 8260D

Chloroform SW-846 8260D

Chloromethane SW-846 8260D

cis-1,2-Dichloroethene SW-846 8260D

cis-1,3-Dichloropropene SW-846 8260D

Dibromochloromethane SW-846 8260D

Ethyl Benzene SW-846 8260D

Isopropylbenzene SW-846 8260D

Methyl-tert-butylether (MTBE) SW-846 8260D

Methylene Chloride SW-846 8260D

n-Butylbenzene SW-846 8260D

n-Propylbenzene SW-846 8260D

p-Isopropyltoluene SW-846 8260D

sec-Butylbenzene SW-846 8260D

Styrene SW-846 8260D

tert-Butylbenzene SW-846 8260D

Tetrachloroethene SW-846 8260D

Toluene SW-846 8260D

trans-1,2-Dichloroethene SW-846 8260D

trans-1,3-Dichloropropene SW-846 8260D

Trichloroethene SW-846 8260D

Trichlorofluoromethane SW-846 8260D

Trichlorotrifluoroethane (Freon113) SW-846 8260D

Vinyl Chloride SW-846 8260D

Xylenes, Total SW-846 8260D

PESTICIDES

4,4'-DDE' SW-846 8081B

4,4'-DDD' SW-846 8081B

4,4'-DDT' SW-846 8081B

alpha-BHC SW-846 8081B

Aldrin SW-846 8081B

beta-BHC SW-846 8081B

alpha-Chlordane SW-846 8081B

delta-BHC SW-846 8081B

Chlordane, Technical SW-846 8081B

Dieldrin SW-846 8081B	Endosulfan I SW-846 8081B
Endosulfan II SW-846 8081B	Endosulfan Sulfate SW-846 8081B
Endrin Aldehyde SW-846 8081B	Endrin Ketone SW-846 8081B
Endrin SW-846 8081B	gamma-BHC (Lindane) SW-846 8081B
gamma-Chlordane SW-846 8081B	Heptachlor Epoxide SW-846 8081B
Heptachlor SW-846 8081B	Methoxychlor SW-846 8081B
Toxaphene SW-846 8081B	

SOLVENTS

CT Extractable Petroleum Hydrocarbons (ETPH)	MA Extractable Petroleum Hydrocarbons (EPH)
MA Volatile Petroleum Hydrocarbons (VPH)	Oil and Grease SW-846 9071B

POLYCHLORINATED BIPHENYLS

PCB-1016 in Oil SW-846 8082A	
PCB-1016 SW-846 8082A	PCB-1221 in Oil SW-846 8082A
PCB-1221 SW-846 8082A	PCB-1232 in Oil SW-846 8082A
PCB-1232 SW-846 8082A	PCB-1242 in Oil SW-846 8082A
PCB-1242 SW-846 8082A	PCB-1248 in Oil SW-846 8082A
PCB-1248 SW-846 8082A	PCB-1254 in Oil SW-846 8082A
PCB-1254 SW-846 8082A	PCB-1260 in Oil SW-846 8082A
PCB-1260 SW-846 8082A	

HERBICIDES

2,4,5-T SW-846 8151A	
2,4,5-TP SW-846 8151A	2,4-D EPA 515.4
2,4-DB SW-846 8151A	Dalapon SW-846 8151A
Dicamba SW-846 8151A	Dichlorprop SW-846 8151A
Dinoseb SW-846 8151A	MCPA SW-846 8151A
MCPP SW-846 8151A	Pentachlorophenol SW-846 8151A

SEMIVOLATILES

1,2,4-Trichlorobenzene SW-846 8270E	
2,4,5-Trichlorophenol SW-846 8270E	2,4,6-Trichlorophenol SW-846 8270E
2,4-Dichlorophenol SW-846 8270E	2,4-Dimethylphenol SW-846 8270E
2,4-Dinitrophenol SW-846 8270E	2,4-Dinitrotoluene SW-846 8270E
2,6-Dichlorophenol SW-846 8270E	2,6-Dinitrotoluene SW-846 8270E
2-Chloronaphthalene SW-846 8270E	2-Chlorophenol SW-846 8270E
2-Methyl-4,6-dinitrophenol SW-846 8270E	2-Methylnaphthalene SW-846 8270E
2-Methylnaphthalene SW-846 8270E SIM	2-Methylphenol SW-846 8270E
2-Nitroaniline SW-846 8270E	2-Nitrophenol SW-846 8270E
3&4-Methylphenol SW-846 8270E	3,3'-Dichlorobenzidine SW-846 8270E
3-Nitroaniline SW-846 8270E	4-Bromophenyl phenyl ether SW-846 8270E
4-Chloro-3-methylphenol SW-846 8270E	4-Chloroaniline SW-846 8270E

4-Chlorophenyl phenyl ether SW-846 8270E	4-Nitroaniline SW-846 8270E
4-Nitrophenol SW-846 8270E	Acenaphthene SW-846 8270E
Acenaphthene SW-846 8270E SIM	Acenaphthylene SW-846 8270E
Acenaphthylene SW-846 8270E SIM	Anthracene SW-846 8270E
Anthracene SW-846 8270E SIM	Atrazine SW-846 8270E
Benzidine SW-846 8270E	Benzo(a)anthracene SW-846 8270E
Benzo(a)anthracene SW-846 8270E SIM	Benzo(a)pyrene SW-846 8270E
Benzo(a)pyrene SW-846 8270E SIM	Benzo(b)fluoranthene SW-846 8270E
Benzo(b)fluoranthene SW-846 8270E SIM	Benzo(g,h,i)perylene SW-846 8270E
Benzo(g,h,i)perylene SW-846 8270E SIM	Benzo(k)fluoranthene SW-846 8270E
Benzo(k)fluoranthene SW-846 8270E SIM	Benzyl butyl phthalate SW-846 8270E
bis(2-Chloroethoxy)methane SW-846 8270E	bis(2-chloroethyl) ether SW-846 8270E
bis(2-Chloroisopropyl) ether (2,2'-Oxybis[1-chloropropane]) SW-846 8270E	bis(2-Ethylhexyl)phthalate SW-846 8270E
Carbazole SW-846 8270E	Chrysene SW-846 8270E
Chrysene SW-846 8270E SIM	Di-n-butyl phthalate SW-846 8270E
Dibenz(a,h)anthracene SW-846 8270E SIM	Dibenzofuran SW-846 8270E
Diethyl phthalate SW-846 8270E	Dimethyl phthalate SW-846 8270E
Di-n-octyl phthalate SW-846 8270E	Dibenz(a,h)anthracene SW-846 8270E
Fluoranthene SW-846 8270E	Fluoranthene SW-846 8270E SIM
Hexachlorobenzene SW-846 8270E	Hexachlorobutadiene SW-846 8270E
Hexachlorocyclopentadiene SW-846 8270E	Hexachloroethane SW-846 8270E
Indeno(1,2,3-cd)pyrene SW-846 8270E	Indeno(1,2,3-cd)pyrene SW-846 8270E SIM
Isophorone SW-846 8270E	N-Nitrosodi-n-propylamine SW-846 8270E
Naphthalene SW-846 8270E	Naphthalene SW-846 8270E SIM
Nitrobenzene SW-846 8270E	Pentachlorophenol SW-846 8270E
N-nitrosodimethylamine SW-846 8270E	N-nitrosodiphenylamine SW-846 8270E
Phenanthrene SW-846 8270E	Phenanthrene SW-846 8270E SIM
Phenol SW-846 8270E	Pyrene SW-846 8270E
Pyrene SW-846 8270E SIM	Pyridine SW-846 8270E

<u>Report Profile:</u>	Lab Name : SGS North America, Inc. - Dayton
	Test Name : *
	Matrix Name : *
	Matrix Selection = ALL OR SOME MATRICES SELECTED
	Certifications approved or provisional on 3/25/2025

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