STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
PO Box 488 • Manchester, WA 98353-0488 • (360) 871-8840

December 18, 2024

Paula McCartney
APPL, LLC
908 N Temperance Ave
Clovis, CA 93611

Dear Paula McCartney:

Thank you for your application for renewal in the Environmental Laboratory Accreditation Program. Attached is a Certificate of Accreditation covering the one-year period beginning November 19, 2024 and a current Scope of Accreditation.

Accreditation is based in part on third party recognition of the Labs Utah DOH NELAP accreditation.

In order to comply with the 2021 CWA MUR, applicable methods on your scope of accreditation have been updated to method versions approved under the 2021 CWA MUR. Please ensure these method versions are those used in the laboratory and cited on your PT reports. Update your SOPs to the approved method versions.

Accreditation is withdrawn for PFAS by APPL SOP HPL537 in both Non-Potable Water and Solid and Chemical Materials.

EPA Method 1633 was added in both non-potable water, and solid and chemical materials, based on listings in your current Utah DOH scope and acceptable PTs. Two acceptable PTs citing EPA 1633 are required for your renewal in 2025.

Silver by EPA Method 6020B (7/14 in Solid and Chemical Materials has been upgraded from denied to Good Standing, due to an update in your Utah DOH scope. . However, since only WP PTs were analyzed, accreditation for the parameter is limited to aqueous matrices.

Aroclor-1262 (PCB-1262) and Aroclor-1268 (PCB-1268) by EPA 8082A_(2/07) in Solid and Chemical Materials were Denied at your last renewal since no PT was analyzed when two providers were available. There are no longer two providers available for these parameters so we have returned them to your scope of accreditation. Although not required, we strongly recommend laboratories analyze PTs for parameters that only have one approved PT provider.

The following parameters remain in Good Standing or Interim, however since there was an unacceptable PT in the past accreditation year, two acceptable PTs are required before your next renewal.

- Bromide by EPA 300.0_2.1_1993 in Non-Potable Water
- Iron by EPA 6010D_2018 in Solid and Chemical Materials
- Mercury by EPA 7470A_1_1994 in Solid and Chemical Materials
- Gasoline range organics (GRO) by NWTPH-Gx (GC/MS) in Solid and Chemical Materials

No PT was analyzed in the past year for the following parameters. Although they remain in Good Standing in recognition of PT results for the methods as a whole, an acceptable PT is required by your next renewal since two approved PT providers are available for each parameter.

- 1,4-Dioxane (1,4- Diethyleneoxide) by EPA 8260D_4_(6/18) and EPA 8270E_6_(6/18) in Solid and Chemical Materials
- 1-Methylnaphthalene by EPA 8270E_6_(6/18) in Solid and Chemical Materials
- Biphenyl by EPA 8270E_6_(6/18) in Solid and Chemical Materials

Accreditation for the following parameters is limited to aqueous matrices only since only WP PTs were analyzed in the past accreditation year.

- Total Organic Carbon by EPA 9060A in Solid and Chemical Materials
- Diesel range organics (DRO) by WDOE NWTPH-Dx_(1997) in Solid and Chemical Materials

All analytes by EPA 8290A_1_(2/07) in Solid and Chemical Materials have been placed into Provisional status since the most recent PT was unacceptable for more than 20% of the reported analytes. Two acceptable PTs are required by your next renewal to return the parameters to Good Standing.

We do not have a copy of the requested corrective action reports for the following parameters in our records. The parameters remain in Provisional status pending receipt and review of the corrective action reports.

- Fluoride by EPA 300.0_2.1_1993 in Non-Potable Water
- Arsenic EPA 6020B_(7/14) in Solid and Chemical Materials
- Vanadium EPA 6020B_(7/14) in Solid and Chemical Materials
- Nitrite as N by EPA 9056A_(02/07) in Solid and Chemical Materials
- Orthophosphate by EPA 9056A_(02/07) in Solid and Chemical Materials

Accreditation for the following parameters is Denied since they were present in, but not reported, in your HW PTs for the applicable methods this year. Two acceptable PTs are required by your next renewal to return the parameters to Good Standing.

- 1,2,4-Trimethylbenzene by EPA 8260D_4_(6/18) in Solid and Chemical Materials
- 2-Chloroethyl vinyl ether by EPA 8260D_4_(6/18) in Solid and Chemical Materials
- 4-Chloroaniline by EPA 8270E_6_(6/18) in Solid and Chemical Materials
- Hexachloroethane by EPA 8270E_6_(6/18) in Solid and Chemical Materials

Several parameters are Denied since they are not present on your Utah scope of accreditation. See **241218N_APPL** document, footnote a.

Several parameters are Denied since no PT was analyzed in the past accreditation year when two approved PT providers are available. See **241218N_APPL** document, footnote b.

Renewal of accreditation is based in part on review of your lab's performance over the past year as evidenced by participation in proficiency testing (PT) studies. In general, full accreditation is awarded for those parameters for which the two most recent PT results, if applicable, were rated satisfactory. Provisional accreditation is awarded if the latest of the two most recent PT results was rated "Not Acceptable" or only one PT result was submitted during the past twelve months. Accreditation is withheld for those parameters for which the two most recent PT results were rated "Not Acceptable" or no PT results were submitted during the past twelve-months.
As a reminder, continued participation in the Ecology Lab Accreditation Program requires the lab to:

- Submit a renewal application and fees annually

- Report significant changes in facility, personnel, analytical methods, equipment, the lab's quality assurance (QA) manual or QA procedures as they occur
- **Participate in proficiency testing studies semi-annually, with the following exception**: **For each parameter where all PT results were satisfactory, you are required to submit only one PT result over this next year, and in subsequent years, as long as the results are satisfactory.**
- Submit copies of current third-party Scopes of Accreditation when they are available.

Your Right To Appeal

You have a right to appeal Ecology's decision to the Pollution Control Hearing Board (PCHB) within 30 days of the date of receipt of this decision letter. The appeal process is governed by Chapter 43.21B RCW and Chapter 371-08 WAC. "Date of receipt" is defined in RCW 43.21B.001(2).

To appeal you must do the following within 30 days of the date of receipt of this decision:

- File your appeal and a copy of this decision with the PCHB (see addresses below). Filing means actual receipt by the PCHB during regular business hours.
- Serve a copy of your appeal and this decision on Ecology in paper form - by mail or in person. (See addresses below.) E-mail is not accepted.

You must also comply with other applicable requirements in Chapter 43.21B RCW and Chapter 371-08 WAC.

Address And Location Information

Street Addresses:

Department of Ecology
Attn: Appeals Processing Desk
300 Desmond Drive SE
Lacey, WA 98503

Pollution Control Hearings Board
1111 Israel RD SW
STE 301
Tumwater, WA 98501

Mailing Addresses:

Department of Ecology
Attn: Appeals Processing Desk
PO Box 47608
Olympia, WA 98504-7608

Pollution Control Hearings Board
PO Box 40903
Olympia, WA 98504-0903

E-Mail Address:

Department of Ecology
Not currently available (see WAC 371-08)

Pollution Control Hearings Board
Pchb-shbappeals@eluho.wa.gov

If you have any questions concerning the accreditation of your lab, please contact Ryan Zboralski at (360) 764-9364, fax (360) 871-8849, or by e-mail at ryan.zboralski@ecy.wa.gov.

Sincerely,

Rebecca Wood
Lab Accreditation Unit Supervisor

RW:ERZ:erz
Enclosures

The State of Washington Department of Ecology

APPL, LLC
Clovis, CA

has complied with provisions set forth in Chapter 173-50 WAC and is hereby recognized by the Department of Ecology as an ACCREDITED LABORATORY for the analytical parameters listed on the accompanying Scope of Accreditation.

This certificate is effective November 19, 2024 and shall expire November 18, 2025.

Witnessed under my hand on December 18, 2024.

Rebecca Wood
Lab Accreditation Unit Supervisor

Laboratory ID
C790

WASHINGTON STATE DEPARTMENT OF ECOLOGY

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

SCOPE OF ACCREDITATION

APPL, LLC

Clovis, CA

is accredited for the analytes listed below using the methods indicated. Full accreditation is granted unless stated otherwise in a note. EPA is the U.S. Environmental Protection Agency. SM is "Standard Methods for the Examination of Water and Wastewater." SM refers to EPA approved method versions. ASTM is the American Society for Testing and Materials. USGS is the U.S. Geological Survey. AOAC is the Association of Official Analytical Chemists. Other references are described in notes.

Matrix/Analyte	Method	Notes
Non-Potable Water		
Bromide	EPA 300.0_2.1_1993	1
Chloride	EPA 300.0_2.1_1993	1
Fluoride	EPA 300.0_2.1_1993	1,8
Nitrate + Nitrite as N	EPA 300.0_2.1_1993	1
Nitrate as N	EPA 300.0_2.1_1993	1
Nitrite as N	EPA 300.0_2.1_1993	1
Sulfate	EPA 300.0_2.1_1993	1
Perchlorate	EPA 6850-07	1
Alkalinity	SM 2320 B-2011	1
Specific Conductance	SM 2510 B-2011	1
Solids, Total Dissolved	SM 2540 C-2015	1
Solids, Total Suspended	SM 2540 D-2015	1
Sulfide	SM 4500-$S2^{-}$ F-2011	1
Diesel range organics (DRO)	WDOE NWTPH-Dx_(1997)	3
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	EPA 1633	1
1H,1H,2H,2H,-Perfluorodecanesulfonic acid (8:2 FTS)	EPA 1633	1
1H,1H,2H,2H,-Perfluorooctanesulfonic acid (6:2 FTS)	EPA 1633	1
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	EPA 1633	1
2H,2H,3H,3H-Perfluorodecanoic Acid (7:3 FTCA)	EPA 1633	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA)	EPA 1633	1
3-Perfluoropropyl Propanoic Acid (3:3 FTCA)	EPA 1633	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	EPA 1633	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	EPA 1633	1
Hexafluoropropylene oxide dimer acid (HFPO-DA)	EPA 1633	1
N-Ethylperfluorooctane sulfonamide (EtFOSA)	EPA 1633	1
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	EPA 1633	1

Matrix/Analyte	Method	Notes
Non-Potable Water		
N-Ethylperfluorooctanesulfonamidoethanol (EtFOSE)	EPA 1633	1
N-Methylperfluorooctane sulfonamide (MeFOSA)	EPA 1633	1
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	EPA 1633	1
N-Methylperfluorooctanesulfonamido ethanol (MeFOSE)	EPA 1633	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	EPA 1633	1
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	EPA 1633	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	EPA 1633	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	EPA 1633	1
Perfluorobutane sulfonic acid (PFBS)	EPA 1633	1
Perfluorobutanoic acid (PFBA)	EPA 1633	1
Perfluorodecane sulfonic acid (PFDS)	EPA 1633	1
Perfluorodecanoic acid (PFDA)	EPA 1633	1
Perfluorododecane sulfonic acid (PFDoS)	EPA 1633	1
Perfluorododecanoic acid (PFDoA)	EPA 1633	1
Perfluoroheptane sulfonic acid (PFHpS)	EPA 1633	1
Perfluoroheptanoic acid (PFHpA)	EPA 1633	1
Perfluorohexane sulfonic acid (PFHxS)	EPA 1633	1
Perfluorohexanoic acid (PFHxA)	EPA 1633	1
Perfluorononane sulfonic acid (PFNS)	EPA 1633	1
Perfluorononanoic acid (PFNA)	EPA 1633	1
Perfluorooctane sulfonamide (PFOSA)	EPA 1633	1
Perfluorooctane sulfonic acid (PFOS)	EPA 1633	1
Perfluorooctanoic acid (PFOA)	EPA 1633	1
Perfluoropentane sulfonic acid (PFPeS)	EPA 1633	1
Perfluoropentanoic acid (PFPeA)	EPA 1633	1
Perfluorotetradecanoic acid (PFTeDA)	EPA 1633	1
Perfluorotridecanoic acid (PFTrDA)	EPA 1633	1
Perfluoroundecanoic acid (PFUnA)	EPA 1633	1
Gasoline range organics (GRO)	NWTPH-Gx (GC/MS)	3
Solid and Chemical Materials		
Perchlorate	EPA 6850-07	1
Cyanide, Total	EPA 9010C_2002	1
Cyanide, Total	EPA 9014_ (7/14)	1
pH	EPA 9040C_2004	1,2
Bromide	EPA 9056A_(02/07)	1
Chloride	EPA 9056A_(02/07)	1
Fluoride	EPA 9056A_(02/07)	1

Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
Nitrate as N	EPA 9056A_(02/07)	1
Nitrite as N	EPA 9056A_(02/07)	1,8
Orthophosphate as P	EPA 9056A_(02/07)	1,8
Sulfate	EPA 9056A_(02/07)	1
Total Organic Carbon	EPA 9060A	1,2
Aluminum	EPA 6010D_(7/18)	1
Antimony	EPA 6010D_(7/18)	1
Arsenic	EPA 6010D_(7/18)	1
Barium	EPA 6010D_(7/18)	1
Beryllium	EPA 6010D_(7/18)	1
Cadmium	EPA 6010D_(7/18)	1
Calcium	EPA 6010D_(7/18)	1
Chromium	EPA 6010D_(7/18)	1
Cobalt	EPA 6010D_(7/18)	1
Copper	EPA 6010D_(7/18)	1
Iron	EPA 6010D_(7/18)	1
Lead	EPA 6010D_(7/18)	1
Magnesium	EPA 6010D_(7/18)	1
Manganese	EPA 6010D_(7/18)	1
Molybdenum	EPA 6010D_(7/18)	1
Nickel	EPA 6010D_(7/18)	1
Potassium	EPA 6010D_(7/18)	1
Selenium	EPA 6010D_(7/18)	1
Silver	EPA 6010D_(7/18)	1
Sodium	EPA 6010D_(7/18)	1
Thallium	EPA 6010D_(7/18)	1
Vanadium	EPA 6010D_(7/18)	1
Zinc	EPA 6010D_(7/18)	1
Aluminum	EPA 6020B_(7/14)	1
Antimony	EPA 6020B_(7/14)	1
Arsenic	EPA 6020B_(7/14)	1,8
Barium	EPA 6020B_(7/14)	1
Beryllium	EPA 6020B_(7/14)	1
Cadmium	EPA 6020B_(7/14)	1
Calcium	EPA 6020B_(7/14)	1
Chromium	EPA 6020B_(7/14)	1
Cobalt	EPA 6020B_(7/14)	1

Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
Copper	EPA 6020B_(7/14)	1
Iron	EPA 6020B_(7/14)	1
Magnesium	EPA 6020B_(7/14)	1
Manganese	EPA 6020B_(7/14)	1
Molybdenum	EPA 6020B_(7/14)	1
Nickel	EPA 6020B_(7/14)	1
Potassium	EPA 6020B_(7/14)	1
Selenium	EPA 6020B_(7/14)	1
Silver	EPA 6020B_(7/14)	1,2
Sodium	EPA 6020B_(7/14)	1
Thallium	EPA 6020B_(7/14)	1
Vanadium	EPA 6020B_(7/14)	1,8
Zinc	EPA 6020B_(7/14)	1
Mercury	EPA 7470A_1_1994	1,2
Mercury	EPA 7471B_(2/07)	1
Total Petroleum Hydrocarbons	EPA 8015C_(11/00)	1,7
4,4'-DDD	EPA 8081B_(2/07)	1
4,4'-DDE	EPA 8081B_(2/07)	1
4,4'-DDT	EPA 8081B_(2/07)	1
Aldrin	EPA 8081B_(2/07)	1
alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 8081B_(2/07)	1
alpha-Chlordane	EPA 8081B_(2/07)	1
Chlordane (tech.)	EPA 8081B_(2/07)	1
delta-BHC	EPA 8081B_(2/07)	1
Dieldrin	EPA 8081B_(2/07)	1
Endosulfan I	EPA 8081B_(2/07)	1
Endosulfan II	EPA 8081B_(2/07)	1
Endosulfan sulfate	EPA 8081B_(2/07)	1
Endrin	EPA 8081B_(2/07)	1
Endrin aldehyde	EPA 8081B_(2/07)	1
Endrin ketone	EPA 8081B_(2/07)	1
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 8081B_(2/07)	1
gamma-Chlordane	EPA 8081B_(2/07)	1
Heptachlor	EPA 8081B_(2/07)	1
Heptachlor epoxide	EPA 8081B_(2/07)	1
Methoxychlor	EPA 8081B_(2/07)	1
Toxaphene (Chlorinated camphene)	EPA 8081B_(2/07)	1

Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
Aroclor-1016 (PCB-1016)	EPA 8082A_(2/07)	1
Aroclor-1221 (PCB-1221)	EPA 8082A_(2/07)	1
Aroclor-1232 (PCB-1232)	EPA 8082A_(2/07)	1
Aroclor-1242 (PCB-1242)	EPA 8082A_(2/07)	1
Aroclor-1248 (PCB-1248)	EPA 8082A_(2/07)	1
Aroclor-1254 (PCB-1254)	EPA 8082A_(2/07)	1
Aroclor-1260 (PCB-1260)	EPA 8082A_(2/07)	1
Aroclor-1262 (PCB-1262)	EPA 8082A_(2/07)	1
Aroclor-1268 (PCB-1268)	EPA 8082A_(2/07)	1
1,3,5-Trinitrobenzene (1,3,5-TNB)	EPA 8330B_(10/06)	1
1,3-Dinitrobenzene (1,3-DNB)	EPA 8330B_(10/06)	1
2,4,6-Trinitrotoluene (2,4,6-TNT)	EPA 8330B_(10/06)	1
2,4-Dinitrotoluene (2,4-DNT)	EPA 8330B_(10/06)	1
2,6-Dinitrotoluene (2,6-DNT)	EPA 8330B_(10/06)	1
2-Amino-4,6-dinitrotoluene (2-am-dnt)	EPA 8330B_(10/06)	1
2-Nitrotoluene	EPA 8330B_(10/06)	1
3-Nitrotoluene	EPA 8330B_(10/06)	1
4-Amino-2,6-dinitrotoluene (4-am-dnt)	EPA 8330B_(10/06)	1
4-Nitrotoluene	EPA 8330B_(10/06)	1
Methyl-2,4,6-trinitrophenylnitramine (tetryl)	EPA 8330B_(10/06)	1
Nitrobenzene	EPA 8330B_(10/06)	1
Nitroglycerin	EPA 8330B_(10/06)	1
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	EPA 8330B_(10/06)	1
RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine)	EPA 8330B_(10/06)	1
Diesel range organics (DRO)	WDOE NWTPH-Dx_(1997)	2,3
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	EPA 1633	1
1H,1H,2H,2H,-Perfluorodecanesulfonic acid (8:2 FTS)	EPA 1633	1
1H,1H,2H,2H,-Perfluorooctanesulfonic acid (6:2 FTS)	EPA 1633	1
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	EPA 1633	1
2H,2H,3H,3H-Perfluorodecanoic Acid (7:3 FTCA)	EPA 1633	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA)	EPA 1633	1
3-Perfluoropropyl Propanoic Acid (3:3 FTCA)	EPA 1633	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	EPA 1633	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	EPA 1633	1
Hexafluoropropylene oxide dimer acid (HFPO-DA)	EPA 1633	1
N-Ethylperfluorooctane sulfonamide (EtFOSA)	EPA 1633	1
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	EPA 1633	1

Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
N-Ethylperfluorooctanesulfonamidoethanol (EtFOSE)	EPA 1633	1
N-Methylperfluorooctane sulfonamide (MeFOSA)	EPA 1633	1
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	EPA 1633	1
N-Methylperfluorooctanesulfonamido ethanol (MeFOSE)	EPA 1633	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	EPA 1633	1
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	EPA 1633	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	EPA 1633	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	EPA 1633	1
Perfluorobutane sulfonic acid (PFBS)	EPA 1633	1
Perfluorobutanoic acid (PFBA)	EPA 1633	1
Perfluorodecane sulfonic acid (PFDS)	EPA 1633	1
Perfluorodecanoic acid (PFDA)	EPA 1633	1
Perfluorododecane sulfonic acid (PFDoS)	EPA 1633	1
Perfluorododecanoic acid (PFDoA)	EPA 1633	1
Perfluoroheptane sulfonic acid (PFHpS)	EPA 1633	1
Perfluoroheptanoic acid (PFHpA)	EPA 1633	1
Perfluorohexane sulfonic acid (PFHxS)	EPA 1633	1
Perfluorohexanoic acid (PFHxA)	EPA 1633	1
Perfluorononane sulfonic acid (PFNS)	EPA 1633	1
Perfluorononanoic acid (PFNA)	EPA 1633	1
Perfluorooctane sulfonamide (PFOSA)	EPA 1633	1
Perfluorooctane sulfonic acid (PFOS)	EPA 1633	1
Perfluorooctanoic acid (PFOA)	EPA 1633	1
Perfluoropentane sulfonic acid (PFPeS)	EPA 1633	1
Perfluoropentanoic acid (PFPeA)	EPA 1633	1
Perfluorotetradecanoic acid (PFTeDA)	EPA 1633	1
Perfluorotridecanoic acid (PFTrDA)	EPA 1633	1
Perfluoroundecanoic acid (PFUnA)	EPA 1633	1
1,1,1,2-Tetrachloroethane	EPA 8260D_4_(6/18)	1,2
1,1,1-Trichloroethane	EPA 8260D_4_(6/18)	1,2
1,1,2,2-Tetrachloroethane	EPA 8260D_4_(6/18)	1,2
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D_4_(6/18)	1,2
1,1,2-Trichloroethane	EPA 8260D_4_(6/18)	1,2
1,1-Dichloroethane	EPA 8260D_4_(6/18)	1,2
1,1-Dichloroethylene	EPA 8260D_4_(6/18)	1,2
1,1-Dichloropropene	EPA 8260D_4_(6/18)	1,2
1,2,3-Trichlorobenzene	EPA 8260D_4_(6/18)	1,2

Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
1,2,3-Trichloropropane	EPA 8260D_4_(6/18)	1,2
1,2,4-Trichlorobenzene	EPA 8260D_4_(6/18)	1,2
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D_4_(6/18)	1,2
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D_4_(6/18)	1,2
1,2-Dichlorobenzene	EPA 8260D_4_(6/18)	1,2
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260D_4_(6/18)	1,2
1,2-Dichloropropane	EPA 8260D_4_(6/18)	1,2
1,3,5-Trimethylbenzene	EPA 8260D_4_(6/18)	1,2
1,3-Dichlorobenzene	EPA 8260D_4_(6/18)	1,2
1,3-Dichloropropane	EPA 8260D_4_(6/18)	1,2
1,3-Dichloropropene	EPA 8260D_4_(6/18)	1,2
1,4-Dichlorobenzene	EPA 8260D_4_(6/18)	1,2
1,4-Dioxane (1,4- Diethyleneoxide)	EPA 8260D_4_(6/18)	1,2
2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)	EPA 8260D_4_(6/18)	1,2
2,2-Dichloropropane	EPA 8260D_4_(6/18)	1,2
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D_4_(6/18)	1,2
2-Chlorotoluene	EPA 8260D_4_(6/18)	1,2
2-Hexanone	EPA 8260D_4_(6/18)	1,2
2-Methylpentane (Isohexane)	EPA 8260D_4_(6/18)	1,2
3-Methylpentane	EPA 8260D_4_(6/18)	1,2
4-Chlorotoluene	EPA 8260D_4_(6/18)	1,2
4-Isopropyltoluene (p-Cymene)	EPA 8260D_4_(6/18)	1,2
4-Methyl-2-pentanone (MIBK)	EPA 8260D_4_(6/18)	1,2
Acetone	EPA 8260D_4_(6/18)	1,2
Acetonitrile	EPA 8260D_4_(6/18)	1,2
Acrolein (Propenal)	EPA 8260D_4_(6/18)	1,2
Acrylonitrile	EPA 8260D_4_(6/18)	1,2
Benzene	EPA 8260D_4_(6/18)	1,2
Bromobenzene	EPA 8260D_4_(6/18)	1,2
Bromochloromethane	EPA 8260D_4_(6/18)	1,2
Bromodichloromethane	EPA 8260D_4_(6/18)	1,2
Bromoform	EPA 8260D_4_(6/18)	1,2
Carbon disulfide	EPA 8260D_4_(6/18)	1,2
Carbon tetrachloride	EPA 8260D_4_(6/18)	1,2
Chlorobenzene	EPA 8260D_4_(6/18)	1,2
Chlorodibromomethane	EPA 8260D_4_(6/18)	1,2
Chloroethane (Ethyl chloride)	EPA 8260D_4_(6/18)	1,2

Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
Chloroform	EPA 8260D_4_(6/18)	1,2
cis-1,2-Dichloroethylene	EPA 8260D_4_(6/18)	1,2
cis-1,3-Dichloropropene	EPA 8260D_4_(6/18)	1,2
Cyclohexane	EPA 8260D_4_(6/18)	1,2
Dibromofluoromethane	EPA 8260D_4_(6/18)	1,2
Dibromomethane	EPA 8260D_4_(6/18)	1,2
Dichlorodifluoromethane (Freon-12)	EPA 8260D_4_(6/18)	1,2
Di-isopropylether (DIPE)	EPA 8260D_4_(6/18)	1,2
Ethylbenzene	EPA 8260D_4_(6/18)	1,2
Ethyl-t-butylether (ETBE)	EPA 8260D_4_(6/18)	1,2
Gasoline range organics (GRO)	EPA 8260D_4_(6/18)	1,2
Hexachlorobutadiene	EPA 8260D_4_(6/18)	1,2
Hexachloroethane	EPA 8260D_4_(6/18)	1,2
Iodomethane (Methyl iodide)	EPA 8260D_4_(6/18)	1,2
Isopropylbenzene	EPA 8260D_4_(6/18)	1,2
Methyl acetate	EPA 8260D_4_(6/18)	1,2
Methyl bromide (Bromomethane)	EPA 8260D_4_(6/18)	1,2
Methyl chloride (Chloromethane)	EPA 8260D_4_(6/18)	1,2
Methylcyclohexane	EPA 8260D_4_(6/18)	1,2
Methylcyclopentane	EPA 8260D_4_(6/18)	1,2
Methylene chloride (Dichloromethane)	EPA 8260D_4_(6/18)	1,2
m-Xylene	EPA 8260D_4_(6/18)	1,2
Naphthalene	EPA 8260D_4_(6/18)	1,2
n-Butylbenzene	EPA 8260D_4_(6/18)	1,2
n-Hexane	EPA 8260D_4_(6/18)	1,2
n-Propylbenzene	EPA 8260D_4_(6/18)	1,2
o-Xylene	EPA 8260D_4_(6/18)	1,2
p-Xylene	EPA 8260D_4_(6/18)	1,2
sec-Butylbenzene	EPA 8260D_4_(6/18)	1,2
Styrene	EPA 8260D_4_(6/18)	1,2
tert-Butyl alcohol	EPA 8260D_4_(6/18)	1,2
tert-Butylbenzene	EPA 8260D_4_(6/18)	1,2
Tetrachloroethylene (Perchloroethylene)	EPA 8260D_4_(6/18)	1,2
Toluene	EPA 8260D_4_(6/18)	1,2
trans-1,2-Dichloroethylene	EPA 8260D_4_(6/18)	1,2
trans-1,3-Dichloropropylene	EPA 8260D_4_(6/18)	1,2
trans-1,4-Dichloro-2-butene	EPA 8260D_4_(6/18)	1,2

Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
Trichloroethene (Trichloroethylene)	EPA 8260D_4_(6/18)	1,2
Trichlorofluoromethane (Freon 11)	EPA 8260D_4_(6/18)	1,2
Vinyl acetate	EPA 8260D_4_(6/18)	1,2
Vinyl chloride	EPA 8260D_4_(6/18)	1,2
Xylene (total)	EPA 8260D_4_(6/18)	1,2
1,2,4,5-Tetrachlorobenzene	EPA 8270E_6_(6/18)	1
1,2,4-Trichlorobenzene	EPA 8270E_6_(6/18)	1
1,2-Dichlorobenzene	EPA 8270E_6_(6/18)	1
1,4-Dichlorobenzene	EPA 8270E_6_(6/18)	1
1,4-Dioxane (1,4- Diethyleneoxide)	EPA 8270E_6_(6/18)	1
1-Methylnaphthalene	EPA 8270E_6_(6/18)	1
2,3,4,6-Tetrachlorophenol	EPA 8270E_6_(6/18)	1
2,4,5-Trichlorophenol	EPA 8270E_6_(6/18)	1
2,4,6-Trichlorophenol	EPA 8270E_6_(6/18)	1
2,4-Dichlorophenol	EPA 8270E_6_(6/18)	1
2,4-Dimethylphenol	EPA 8270E_6_(6/18)	1
2,4-Dinitrophenol	EPA 8270E_6_(6/18)	1
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E_6_(6/18)	1
2,6-Dichlorophenol	EPA 8270E_6_(6/18)	1
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E_6_(6/18)	1
2-Chloronaphthalene	EPA 8270E_6_(6/18)	1
2-Chlorophenol	EPA 8270E_6_(6/18)	1
2-Methyl-4,6-dinitrophenol	EPA 8270E_6_(6/18)	1
2-Methylnaphthalene	EPA 8270E_6_(6/18)	1
2-Methylphenol (o-Cresol)	EPA 8270E_6_(6/18)	1
2-Nitroaniline	EPA 8270E_6_(6/18)	1
2-Nitrophenol	EPA 8270E_6_(6/18)	1
3,3'-Dichlorobenzidine	EPA 8270E_6_(6/18)	1
3,3'-Dimethylbenzidine	EPA 8270E_6_(6/18)	1
3-Methylphenol (m-Cresol)	EPA 8270E_6_(6/18)	1
3-Nitroaniline	EPA 8270E_6_(6/18)	1
4-Bromophenyl phenyl ether (BDE-3)	EPA 8270E_6_(6/18)	1
4-Chloro-3-methylphenol	EPA 8270E_6_(6/18)	1
4-Methylphenol (p-Cresol)	EPA 8270E_6_(6/18)	1
4-Nitroaniline	EPA 8270E_6_(6/18)	1
4-Nitrophenol	EPA 8270E_6_(6/18)	1
Acenaphthene	EPA 8270E_6_(6/18)	1

Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
Acenaphthylene	EPA 8270E_6_(6/18)	1
Acetophenone	EPA 8270E_6_(6/18)	1
Aniline	EPA 8270E_6_(6/18)	1
Anthracene	EPA 8270E_6_(6/18)	1
Benzidine	EPA 8270E_6_(6/18)	1
Benzo(a)anthracene	EPA 8270E_6_(6/18)	1
Benzo(a)pyrene	EPA 8270E_6_(6/18)	1
Benzo(g,h,i)perylene	EPA 8270E_6_(6/18)	1
Benzo(k)fluoranthene	EPA 8270E_6_(6/18)	1
Benzo[b]fluoranthene	EPA 8270E_6_(6/18)	1
Benzoic acid	EPA 8270E_6_(6/18)	1
Benzyl alcohol	EPA 8270E_6_(6/18)	1
Biphenyl	EPA 8270E_6_(6/18)	1
bis(2-Chloroethoxy)methane	EPA 8270E_6_(6/18)	1
bis(2-Chloroethyl) ether	EPA 8270E_6_(6/18)	1
Butyl benzyl phthalate	EPA 8270E_6_(6/18)	1
Carbazole	EPA 8270E_6_(6/18)	1
Chrysene	EPA 8270E_6_(6/18)	1
Di(2-ethylhexyl)phthalate, [Bis(2-ethylhexyl) phthalate], [DEHP]	EPA 8270E_6_(6/18)	1
Dibenz(a,h) anthracene	EPA 8270E_6_(6/18)	1
Dibenzofuran	EPA 8270E_6_(6/18)	1
Diethyl phthalate	EPA 8270E_6_(6/18)	1
Dimethyl phthalate	EPA 8270E_6_(6/18)	1
Di-n-butyl phthalate	EPA 8270E_6_(6/18)	1
Di-n-octyl phthalate	EPA 8270E_6_(6/18)	1
Fluoranthene	EPA 8270E_6_(6/18)	1
Fluorene	EPA 8270E_6_(6/18)	1
Hexachlorobenzene	EPA 8270E_6_(6/18)	1
Hexachlorobutadiene	EPA 8270E_6_(6/18)	1
Hexachlorocyclopentadiene	EPA 8270E_6_(6/18)	1
Indeno(1,2,3-cd) pyrene	EPA 8270E_6_(6/18)	1
Isophorone	EPA 8270E_6_(6/18)	1
Naphthalene	EPA 8270E_6_(6/18)	1
Nitrobenzene	EPA 8270E_6_(6/18)	1
N-Nitrosodimethylamine	EPA 8270E_6_(6/18)	1
N-Nitroso-di-n-propylamine	EPA 8270E_6_(6/18)	1
N-Nitrosodiphenylamine	EPA 8270E_6_(6/18)	1

Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
Pentachlorophenol	EPA 8270E_6_(6/18)	1
Phenanthrene	EPA 8270E_6_(6/18)	1
Phenol	EPA 8270E_6_(6/18)	1
Pyrene	EPA 8270E_6_(6/18)	1
Pyridine	EPA 8270E_6_(6/18)	1
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	EPA 8290A_1_(2/07)	1,5
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	EPA 8290A_1_(2/07)	1,5
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	EPA 8290A_1_(2/07)	1,5
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	EPA 8290A_1_(2/07)	1,5
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	EPA 8290A_1_(2/07)	1,5
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	EPA 8290A_1_(2/07)	1,5
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 8290A_1_(2/07)	1,5
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	EPA 8290A_1_(2/07)	1,5
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 8290A_1_(2/07)	1,5
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	EPA 8290A_1_(2/07)	1,5
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 8290A_1_(2/07)	1,5
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	EPA 8290A_1_(2/07)	1,5
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (Pecdd)	EPA 8290A_1_(2/07)	1,5
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	EPA 8290A_1_(2/07)	1,5
2,3,4,7,8-Pentachlorodibenzofuran (Pecdf)	EPA 8290A_1_(2/07)	1,5
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	EPA 8290A_1_(2/07)	1,5
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	EPA 8290A_1_(2/07)	1,5
Hpcdd, total	EPA 8290A_1_(2/07)	1,5
Hpcdf, total	EPA 8290A_1_(2/07)	1,5
Hxcdd, total	EPA 8290A_1_(2/07)	1,5
Hxcdf, total	EPA 8290A_1_(2/07)	1,5
Pecdd, total	EPA 8290A_1_(2/07)	1,5
Pecdf, total	EPA 8290A_1_(2/07)	1,5
TCDD, total	EPA 8290A_1_(2/07)	1,5
TCDF, total	EPA 8290A_1_(2/07)	1,5
Ethane	EPA RSK-175	1
Ethene	EPA RSK-175	1
Methane	EPA RSK-175	1
Gasoline range organics (GRO)	NWTPH-Gx (GC/MS)	2,3

Matrix/Analyte	Method	Notes

Accredited Parameter Note Detail

(1) Accreditation based in part on recognition of Utah NELAP accreditation. (2) Accreditation is limited to liquid matrix only. (3) Interim accreditation pending the successful completion of an on-site audit to verify method capabilities (WAC 173-50-100). (4) Provisional accreditation pending additional documentation. (5) Provisional accreditation pending submittal of acceptable Proficiency Testing (PT) results (WAC 173-50-110). (6) Accredited for SOP based on a modified EPA 537 as per letter from Utah NELAP dated October 11, 2019. (7) Limited to diesel range.(8) Provisional accreditation pending corrective action report.

12/18/2024

Authentication Signature

Date

Rebecca Wood, Lab Accreditation Unit Supervisor