



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc.
has assessed the Organization of:

A&B Environmental Services, Inc.
10100 East Freeway, Suite 100, Houston, TX 77029

(Hereinafter called the Organization) and hereby declares that Organization has met the requirements of ISO/IEC 17025:2017 General Requirements for the competence of Testing and Calibration Laboratories and the United States Department of Defense Environmental Laboratory Accreditation Program (DoD-ELAP) requirements identified within the DoD/DOE Quality Systems Manual (DoD/DOE QSM) Version 5.4 October 2021 and is accredited in accordance with the:

United States Department of Defense Environmental Laboratory Accreditation Program (DoD-ELAP)

This accreditation demonstrates the technical competence for the defined scope and the operation of a laboratory quality management system
(as outlined by the joint ISO-ILAC-IAF Communiqué dated April 2017):

Environmental Testing ***(As detailed in the supplement)***

Accreditation claims for such activities shall only be made from the addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation Body's duty to observe and comply with the said rules.

For PJLA

Tracy Szorszen
President

Initial Accreditation Date:

February 10, 2012

Issue Date:

February 15, 2023

Expiration Date

February 15, 2025

Revision Date:

January 03, 2024

Accreditation No.:

71390

Certificate No.:

L23-121-R3

Perry Johnson Laboratory
Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: www.pjllabs.com



Certificate of Accreditation: Supplement

A&B Environmental Services, Inc.

10100 East Freeway, Suite 100, Houston, TX 77029

Contact Name: Almera Rosario Phone: 713-453-6060

Accreditation is granted to the facility to perform the following testing:

Code

Asbestos		
EPA 600/R-93/116 by Polarized Light Microscopy (PLM)		10294583
Aqueous		
Asbestos		1520
Solid		
Asbestos		1520
NIOSH 7400 by Phase Contrast Microscopy (PCM)		90018001
Air		
Asbestos		1520
Bacteriological		
SM 9221E (2011) by Fermentation/Most Probable Number (MPN)		20196401
Aqueous		
Coliform (Fecal)		2530
SM 9222B (2011) by Membrane Filter (MF)		20203401
Aqueous		
Coliform (Total)		2500
SM 9222D (2011) by Membrane Filter (MF)		20209818
Aqueous		
Coliform (Fecal)		2530
SM 9222G (2011) by Membrane Filter (MF)		20210406
Aqueous		
Escherichia Coli (E. Coli)		2525
SM 9230C (2011) by Membrane Filter (MF)		20218400
Aqueous		
Enterococci		2520
Fecal Streptococci		2540
General Chemistry		
EPA 1010A by Closed Cup Tester		10234807
Aqueous		
Ignitability (Flashpoint)		1780
Solid		
Ignitability (Flashpoint)		1780
EPA 1664B by Gravimetry		10260628
Aqueous		
Hexane Extractable Material - Silica Gel Treated (HEM-SGT) (O&G)		1853
n-Hexane Extractable Material (HEM) Oil & Grease (O&G)		1803
EPA 350.3 by Ion Selective Electrode (ISE)		10064401
Aqueous		
Ammonia (as N)		1515



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	Code
General Chemistry	
EPA 420.1 by Colorimetry	10079400
Aqueous	
Phenolics (Total Recoverable)	1905
Solid	
Phenolics (Total Recoverable)	1905
EPA 9010 by Distillation, Spectrophotometry	10193803
Aqueous	
Cyanide (Total)	1645
Solid	
Cyanide (Total)	1645
EPA 9014 by Distillation, Spectrophotometry	10193803
Aqueous	
Cyanide (Amenable to Chlorination)	1510
Cyanide (Total)	1645
Solid	
Cyanide (Total)	1645
EPA 9040C by Electrometry	10244403
Aqueous	
pH	1900
EPA 9045D by Electrometry	10244607
Solid	
pH (Corrosivity)	1625
EPA 9065 by Colorimetry	10200405
Aqueous	
Phenolics (Total Recoverable)	1905
Solid	
Phenolics (Total Recoverable)	1905
SM 2340B (2011) by Inductively Coupled Plasma Optical Emission Spectrometry (ICP/OES)	20046417
Aqueous	
Hardness (Total, as CaCO ₃)	1755
Inorganic	
EPA 200.7 by Inductively Coupled Plasma Optical Emission Spectrometry (ICP/OES)	10013806
Aqueous	
Aluminum	1000
Antimony	1005
Arsenic	1010
Barium	1015
Beryllium	1020



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Inorganic

EPA 200.7 by Inductively Coupled Plasma Optical Emission Spectrometry (ICP/OES) 10013806

Aqueous

Boron	1025
Cadmium	1030
Calcium	1035
Chromium	1040
Cobalt	1050
Copper	1055
Iron	1070
Lead	1075
Lithium	1080
Magnesium	1085
Manganese	1090
Molybdenum	1100
Nickel	1105
Phosphorous (Total)	1910
Potassium	1125
Selenium	1140
Silicon	1990
Silver	1150
Sodium	1155
Strontium	1160
Thallium	1165
Tin	1175
Titanium	1180
Vanadium	1185
Zinc	1190

EPA 200.8 by Inductively Coupled Plasma Mass Spectrometry (ICP/MS) 10014605

Aqueous

Aluminum	1000
Antimony	1005
Arsenic	1010
Barium	1015
Beryllium	1020
Cadmium	1030
Calcium	1035
Chromium	1040
Cobalt	1050



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Inorganic

EPA 200.8 by Inductively Coupled Plasma Mass Spectrometry (ICP/MS)	10014605
Aqueous	
Copper	1055
Iron	1070
Lead	1075
Magnesium	1085
Manganese	1090
Molybdenum	1100
Nickel	1105
Potassium	1125
Selenium	1140
Silver	1150
Sodium	1155
Thallium	1165
Thorium	1170
Uranium	3035
Vanadium	1185
Zinc	1190
EPA 245.1 by Cold Vapor Atomic Absorption Spectrophotometry (CVAAS)	10036609
Aqueous	
Mercury	1095
EPA 300.0 by Ion Chromatography (IC)	10053006
Aqueous	
Bromide	1540
Chloride	1575
Fluoride	1730
Nitrate (as N)	1810
Nitrate + Nitrite (as N)	1820
Nitrite (as N)	1840
Orthophosphate (as P)	1870
Sulfate	2000
EPA 6010C by Inductively Coupled Plasma Optical Emission Spectrometry (ICP/OES)	10155905
Aqueous	
Aluminum	1000
Antimony	1005
Arsenic	1010
Barium	1015
Beryllium	1020



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10155905

Aqueous

Boron	1025
Cadmium	1030
Calcium	1035
Chromium	1040
Cobalt	1050
Copper	1055
Iron	1070
Lead	1075
Lithium	1080
Magnesium	1085
Manganese	1090
Molybdenum	1100
Nickel	1105
Phosphorous (Total)	1910
Potassium	1125
Selenium	1140
Silica (as SiO ₂)	1990
Silicon	1990
Silver	1150
Sodium	1155
Strontium	1160
Thallium	1165
Tin	1175
Titanium	1180
Vanadium	1185
Zinc	1190

Solid

Aluminum	1000
Antimony	1005
Arsenic	1010
Barium	1015
Beryllium	1020
Boron	1025
Cadmium	1030
Calcium	1035
Chromium	1040



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Inorganic

EPA 6010C by Inductively Coupled Plasma Optical Emission Spectrometry (ICP/OES)

10155905

Solid

Cobalt	1050
Copper	1055
Iron	1070
Lead	1075
Lithium	1080
Magnesium	1085
Manganese	1090
Molybdenum	1100
Nickel	1105
Phosphorous (Total)	1910
Potassium	1125
Selenium	1140
Silica (as SiO ₂)	1990
Silicon	1990
Silver	1150
Sodium	1155
Strontium	1160
Thallium	1165
Tin	1175
Titanium	1180
Vanadium	1185
Zinc	1190

EPA 6020A by Inductively Coupled Plasma Mass Spectrometry (ICP/MS)

10156420

Aqueous

Aluminum	1000
Antimony	1005
Arsenic	1010
Barium	1015
Beryllium	1020
Cadmium	1030
Calcium	1035
Chromium	1040
Cobalt	1050
Copper	1055
Iron	1070
Lead	1075



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Code

Inorganic

EPA 6020A by Inductively Coupled Plasma Mass Spectrometry (ICP/MS)

10156420

Aqueous

Magnesium	1085
Manganese	1090
Molybdenum	1100
Nickel	1105
Potassium	1125
Selenium	1140
Silver	1150
Sodium	1155
Thallium	1165
Vanadium	1185
Zinc	1190

Solid

Aluminum	1000
Antimony	1005
Arsenic	1010
Barium	1015
Beryllium	1020
Cadmium	1030
Calcium	1035
Chromium	1040
Cobalt	1050
Copper	1055
Iron	1070
Lead	1075
Magnesium	1085
Manganese	1090
Molybdenum	1100
Nickel	1105
Potassium	1125
Selenium	1140
Silver	1150
Sodium	1155
Thallium	1165
Vanadium	1185
Zinc	1190



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Code

Inorganic

EPA 7470A by Cold Vapor Atomic Absorption Spectrophotometry (CVAAS)	10165807
Aqueous	
Mercury	1095
EPA 7471A by Cold Vapor Atomic Absorption Spectrophotometry (CVAAS)	10166457
Solid	
Mercury	1095
EPA 9020B by Combustion/Coulometry	10194408
Aqueous	
Total Organic Halides (TOX)	2045
Solid	
Total Organic Halides (TOX)	2045
EPA 9023 by Combustion/Coulometry	10195003
Aqueous	
Extractable Organic Halides (EOX)	1720
Solid	
Extractable Organic Halides (EOX)	1720
EPA 9056A by Ion Chromatography (IC)	10199607
Aqueous	
Bromide	1540
Chloride	1575
Fluoride	1730
Nitrate (as N)	1810
Nitrate + Nitrite (as N)	1820
Nitrite (as N)	1840
Orthophosphate (as P)	1870
Sulfate	2000
Solid	
Bromide	1540
Chloride	1575
Fluoride	1730
Nitrate (as N)	1810
Nitrate + Nitrite (as N) (Calculation)	1820
Nitrite (as N)	1840
Orthophosphate (as P)	1870
Sulfate	2000
SM 3500 Cr B (2011) by Colorimetry	20066017
Aqueous	
Hexavalent Chromium (Cr VI)	1045



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Organic

Draft EPA Method 1633 (Draft 3) by Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS) 10123441

Aqueous

11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS) 9490

1H, 1H, 2H, 2H-Perfluorodecanesulfonic Acid (8:2 Fluorotelomersulfonic Acid, 8:2FTS) 6948

1H, 1H, 2H, 2H-Perfluorohexanesulfonic Acid (4:2 Fluorotelomersulfonic Acid, 4:2FTS) 6946

1H, 1H, 2H, 2H-Perfluorooctanesulfonic Acid (6:2 Fluorotelomersulfonic Acid, 6:2FTS) 6947

2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA) 9338

3-perfluoroheptyl Propanoic Acid (7:3 FTCA, 2H,2H,3H,3H-Perfluorodecanoic Acid) 9340

4,4,5,5,6,3-Perfluoropropyl propanoic Acid (3:3 FTCA) 9353

4,8-dioxa-3H-perfluorononanoic Acid (ADONA) 6951

9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid (9Cl-PF3ONS) 6952

Hexafluoropropylene Oxide Dimer Acid (HFPO-DA) 9460

N-ethyl Perfluorooctanesulfonamide (NEtFOSA) 9395

N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA) 4847

N-ethyl Perfluorooctanesulfonamidoethanol (NEtFOSE) 9431

N-methyl Perfluorooctanesulfonamide (NMeFOSA) 9433

N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) 4846

N-methyl Perfluorooctanesulfonamidoethanol (NMeFOSE) 6949

Nonafluoro-3,6-dioxaheptanoic Acid (NFDHA) 6956

Perfluoro(2-ethoxyethane)sulfonic Acid (PFEESA) 6957

Perfluoro-3-methoxypropanoic Acid (PFMPA) 6965

Perfluoro-4-methoxybutanoic Acid (PFMBA) 6966

Perfluorobutanesulfonic Acid (PFBS) 6918

Perfluorobutanoic Acid (PFBA) 6915

Perfluorodecanesulfonic Acid (PFDS) 6920

Perfluorodecanoic Acid (PFDA) 6905

Perfluorododecanesulfonic Acid (PFDoS) 6923

Perfluorododecanoic Acid (PFDoA) 6903

Perfluoroheptanesulfonic Acid (PFHpS) 9470

Perfluoroheptanoic Acid (PFHpA) 6908

Perfluorohexanesulfonic Acid (PFHxS) 6927

Perfluorohexanoic Acid (PFHxA) 6913

Perfluorononanesulfonic Acid (PFNS) 6929

Perfluorononanoic Acid (PFNA) 6906

Perfluorooctanesulfonamide (PFOSA) 6917

Perfluorooctanesulfonic Acid (PFOS) 6931

Perfluorooctanoic Acid (PFOA) 6912

Perfluoropentanesulfonic Acid (PFPeS) 6934



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Organic

Draft EPA Method 1633 (Draft 3) by Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS) 10123441

Aqueous

Perfluoropentanoic Acid (PFPeA) 6914

Perfluorotetradecanoic Acid (PFTeDA) 6902

Perfluorotridecanoic Acid (PFTrDA) 9563

Perfluoroundecanoic Acid (PFUnA) 6904

Solid

11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS) 9490

1H, 1H, 2H, 2H-Perfluorodecanesulfonic Acid (8:2 Fluorotelomersulfonic Acid, 8:2FTS) 6948

1H, 1H, 2H, 2H-Perfluorohexanesulfonic Acid (4:2 Fluorotelomersulfonic Acid, 4:2FTS) 6946

1H, 1H, 2H, 2H-Perfluorooctanesulfonic Acid (6:2 Fluorotelomersulfonic Acid, 6:2FTS) 6947

2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA) 9338

3-perfluoroheptyl Propanoic Acid (7:3 FTCA, 2H,2H,3H,3H-Perfluorodecanoic Acid) 9340

4,4,5,5,6,3-Perfluoropropyl propanoic Acid (3:3 FTCA) 9353

4,8-dioxa-3H-perfluorononanoic Acid (ADONA) 6951

9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid (9Cl-PF3ONS) 6952

Hexafluoropropylene Oxide Dimer Acid (HFPO-DA) 9460

N-ethyl Perfluorooctanesulfonamide (NEtFOSA) 9395

N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA) 4847

N-ethyl Perfluorooctanesulfonamidoethanol (NEtFOSE) 9431

N-methyl Perfluorooctanesulfonamide (NMeFOSA) 9433

N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) 4846

N-methyl Perfluorooctanesulfonamidoethanol (NMeFOSE) 6949

Nonafluoro-3,6-dioxaheptanoic Acid (NFDHA) 6956

Perfluoro(2-ethoxyethane)sulfonic Acid (PFEESA) 6957

Perfluoro-3-methoxypropanoic Acid (PFMPA) 6965

Perfluoro-4-methoxybutanoic Acid (PFMBA) 6966

Perfluorobutanesulfonic Acid (PFBS) 6918

Perfluorobutanoic Acid (PFBA) 6915

Perfluorodecanesulfonic Acid (PFDS) 6920

Perfluorodecanoic Acid (PFDA) 6905

Perfluorododecanesulfonic Acid (PFDoS) 6923

Perfluorododecanoic Acid (PFDoA) 6903

Perfluoroheptanesulfonic Acid (PFHpS) 9470

Perfluoroheptanoic Acid (PFHpA) 6908

Perfluorohexanesulfonic Acid (PFHxS) 6927

Perfluorohexanoic Acid (PFHxA) 6913

Perfluorononanesulfonic Acid (PFNS) 6929



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Organic

Draft EPA Method 1633 (Draft 3) by Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS) 10123441

Solid

Perfluorononanoic Acid (PFNA)	6906
Perfluorooctanesulfonamide (PFOSA)	6917
Perfluorooctanesulfonic Acid (PFOS)	6931
Perfluorooctanoic Acid (PFOA)	6912
Perfluoropentanesulfonic Acid (PFPeS)	6934
Perfluoropentanoic Acid (PFPeA)	6914
Perfluorotetradecanoic Acid (PFTeDA)	6902
Perfluorotridecanoic Acid (PFTrDA)	9563
Perfluoroundecanoic Acid (PFUnA)	6904

EPA 608.3 by Gas Chromatography Electron Capture Detector (GC/ECD) 10296614

Aqueous

4,4'-DDD	7355
4,4'-DDE	7360
4,4'-DDT	7365
4,4'-DDD	7355
4,4'-DDD	7355
4,4'-DDE	7360
4,4'-DDE	7360
4,4'-DDT	7365
Aldrin	7025
alpha-BHC (a-BHC, alpha-Hexachlorocyclohexane)	7110
alpha-Chlordane (cis-Chlordane)	7240
Aroclor 1016	8880
Aroclor 1221	8885
Aroclor 1232	8890
Aroclor 1242	8895
Aroclor 1248	8900
Aroclor 1254	8905
Aroclor 1260	8910
beta-BHC (b-BHC, beta-Hexachlorocyclohexane)	7115
Chlordane (Technical)	7250
delta-BHC (d-BHC)	7105
Dieldrin	7470
Endosulfan I	7510
Endosulfan II	7515
Endosulfan Sulfate	7520



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EPA 608.3 by Gas Chromatography Electron Capture Detector (GC/ECD)	10296614
Aqueous	
Endrin	7540
Endrin Aldehyde	7530
Endrin Ketone	7535
gamma-BHC (?-BHC, Lindane)	7120
gamma-BHC (?-BHC, Lindane, gamma-Hexachlorocyclohexane)	7120
gamma-Chlordane	7245
Heptachlor	7685
Heptachlor Epoxide	7690
Methoxychlor	7810
Toxaphene (Chlorinated Camphene)	8250
EPA 610 by High Performance Liquid Chromatography (HPLC)	10297004
Aqueous	
Acenaphthene	5500
Acenaphthylene	5505
Anthracene	5555
Benzo(a)anthracene	5575
Benzo(a)pyrene	5580
Benzo(b)fluoranthene	5585
Benzo(g,h,i)perylene	5590
Benzo(k)fluoranthene	5600
Chrysene	5855
Dibenz(a,h) anthracene	5895
Fluoranthene	6265
Fluorene	6270
Indeno(1,2,3-cd) pyrene	6315
Naphthalene	5005
Pyrene	6665
EPA 615 by Gas Chromatography Electron Capture Detector (GC/ECD)	10105609
Aqueous	
2,4,5-T	8655
2,4-D	8545
2,4-DB	8560
Dalapon	8555
Dicamba	8595
Dichloroprop (Dichloroprop, Weedone)	8605
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	8620



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EPA 615 by Gas Chromatography Electron Capture Detector (GC/ECD)	10105609
Aqueous	
MCPA	7775
Silvex (2,4,5-TP)	8650
EPA 624 by Gas Chromatography Mass Spectrometry (GC/MS)	10107207
Aqueous	
1,1,1,2-Tetrachloroethane	5105
1,1,1-Trichloroethane	5160
1,1,2,2-Tetrachloroethane	5110
1,1,2-Trichloroethane	5165
1,1-Dichloroethane	4630
1,1-Dichloroethylene	4640
1,1-Dichloropropene	4670
1,2,3-trichlorobenzene	5150
1,2,3-Trichloropropane (TCP)	5180
1,2,4-Trichlorobenzene	5155
1,2,4-Trimethylbenzene	5210
1,2-Dibromo-3-Chloropropane (DBCP)	4570
1,2-Dibromoethane (EDB, Ethylene Dibromide)	4585
1,2-Dichlorobenzene	4610
1,2-Dichloroethane (Ethylene Dichloride, EDC)	4635
1,2-Dichloropropane	4655
1,3,5-Trimethylbenzene	5215
1,3-Butadiene	9318
1,3-Dichlorobenzene (1,3-DCB)	4615
1,3-Dichloropropane	4660
1,4-Dichlorobenzene	4620
2,2,4-Trimethylpentane (Isooctane)	5220
2,2-Dichloropropane	4665
2-Butanone (Methyl Ethyl Ketone, MEK)	4410
2-Chloroethyl Vinyl Ether (2-CEVE)	4500
2-Chlorotoluene	4535
2-Hexanone (Methyl Butyl Ketone, MBK)	4860
2-Methylnaphthalene	6385
2-Methylpentane (Isohexane)	4941
4-Chlorotoluene (p-Chlorotoluene)	4540
4-Isopropyltoluene (p-Isopropyltoluene, p-Cymene)	4910
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone (MIBK), Hexone)	4995



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Code

Organic

EPA 624 by Gas Chromatography Mass Spectrometry (GC/MS)

10107207

Aqueous

4-Vinylcyclohexene

NC

Acetone

4315

Acetonitrile

4320

Acrolein (Propenal)

4325

Acrylonitrile

4340

Amyl Acetate

4360

Benzene

4375

Benzyl Chloride

5635

Bromobenzene

4385

Bromochloromethane

4390

Bromodichloromethane

4395

Bromoform

4400

Butyl Acetate

4403

Carbon Disulfide

4450

Carbon Tetrachloride

4455

Chlorobenzene

4475

Chlorodibromomethane (Dibromochloromethane)

4575

Chloroethane (Ethyl Chloride)

4485

Chloroform

4505

cis-1,2-Dichloroethylene

4645

cis-1,3-Dichloropropene

4680

Cyclohexane

4555

Dibromomethane (Methylene Bromide)

4595

Dichlorodifluoromethane (Freon 12)

4625

Diisobutylene

NC

Ethyl Acetate

4755

Ethylbenzene

4765

Hexane (as n-Hexane)

4855

Isopropylbenzene (Cumene)

4900

m,p-Xylene

5240

Methyl Acetate

4940

Methyl Bromide (Bromomethane)

4950

Methyl Chloride (Chloromethane)

4960

Methyl tert Butyl Ether (MTBE)

5000

Methylene Chloride (Dichloromethane)

4975

Naphthalene

5005



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A&B Environmental Services, Inc.

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Contact Name: Almera Rosario Phone: 713-453-6060

Accreditation is granted to the facility to perform the following testing:

Code

Organic

EPA 624 by Gas Chromatography Mass Spectrometry (GC/MS)	10107207
Aqueous	
n-Butylbenzene	4435
n-Heptane	4825
n-Hexane	4855
n-Pentane (Pentane)	5028
n-Propyl Acetate	5057
n-Propylbenzene (1-phenylpropane)	5090
o-Xylene (1,2-Xylene)	5250
sec-Butylbenzene	4440
Styrene	5100
tert-Butylbenzene	4445
Tetrachloroethylene (Perchloroethylene, PCE)	5115
Toluene	5140
Total Trihalomethanes (TTHMs)	5205
trans-1,2-Dichloroethylene	4700
trans-1,3-Dichloropropylene	4685
Trichloroethene (TCE, Trichloroethylene)	5170
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	5175
Vinyl Acetate	5225
Vinyl Chloride (Chloroethene)	5235
Xylenes (Total)	5260
EPA 624.1 by Gas Chromatography Mass Spectrometry (GC/MS)	10298121
Aqueous	
1,1,1,2-Tetrachloroethane	5105
1,1,1-Trichloroethane	5160
1,1,2,2-Tetrachloroethane	5110
1,1,2-Trichloro-1,2,2-Trifluoroethane (1,1,2-Trichlorotrifluoroethane, Freon 113)	5185
1,1,2-Trichloro-1,2,2-Trifluoroethane (Trichlorotrifluoroethane, Freon 113)	5185
1,1,2-Trichloroethane	5165
1,1-Dichloroethane	4630
1,1-Dichloroethylene	4640
1,1-Dichloropropene	4670
1,2,3-Trichlorobenzene	5150
1,2,4-Trichlorobenzene	5155
1,2,4-Trimethylbenzene	5210
1,2-Dibromo-3-Chloropropane (DBCP)	4570
1,2-Dibromoethane (EDB, Ethylene Dibromide)	4585



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Contact Name: Almera Rosario Phone: 713-453-6060

Accreditation is granted to the facility to perform the following testing:

Code

Organic

EPA 624.1 by Gas Chromatography Mass Spectrometry (GC/MS)

10298121

Aqueous

1,2-Dichlorobenzene	4610
1,2-Dichloroethane (Ethylene Dichloride, EDC)	4635
1,2-Dichloropropane	4655
1,3,5-Trimethylbenzene	5215
1,3-Dichlorobenzene	4615
1,3-Dichlorobenzene (1,3-DCB)	4615
1,3-Dichloropropane	4660
1,4-Dichlorobenzene	4620
2,2-Dichloropropane	4665
2-Butanone (Methyl Ethyl Ketone, MEK)	4410
2-Chloroethyl Vinyl Ether (2-CEVE)	4500
2-Chlorotoluene	4535
2-Hexanone (Methyl Butyl Ketone, MBK)	4860
2-Hexanone (Methyl Butyl Ketone, MBK)	4860
4-Chlorotoluene (p-Chlorotoluene)	4540
4-Isopropyltoluene (p-Isopropyltoluene, p-Cymene)	4910
4-Methyl-2-Pentanone (MIBK)	4995
Acetone	4315
Acrolein (Propenal)	4325
Acrylonitrile	4340
Benzene	4375
Bromobenzene	4385
Bromochloromethane	4390
Bromochloromethane	4390
Bromodichloromethane	4395
Bromoethane (Ethyl Bromide)	4397
Bromoform	4400
Carbon Disulfide	4450
Carbon Tetrachloride	4455
Chlorobenzene	4475
Chlorodibromomethane (Dibromochloromethane)	4575
Chloroethane (Ethyl Chloride)	4485
Chloroform	4505
cis-1,2-Dichloroethylene	4645
cis-1,3-Dichloropropene	4680
Dibromomethane (Methylene Bromide)	4595



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Organic

EPA 624.1 by Gas Chromatography Mass Spectrometry (GC/MS)

10298121

Aqueous

Dichlorodifluoromethane (Freon 12)

4625

Dichlorodifluoromethane (Freon-12)

4625

Ethylbenzene

4765

Ethylbenzene

4765

Hexachlorobutadiene

4835

Hexachlorobutadiene

4835

Isopropylbenzene (Cumene)

4900

m,p-Xylene

5240

Methyl Bromide (Bromomethane)

4950

Methyl Chloride (Chloromethane)

4960

Methyl tert Butyl Ether (MTBE)

5000

Methyl tert-Butyl Ether (MTBE)

5000

Methylene Chloride (Dichloromethane)

4975

Naphthalene

5005

n-Butylbenzene

4435

n-Propylbenzene (1-phenylpropane)

5090

o-Xylene (1,2-Xylene)

5250

Sec-Butylbenzene

4440

Styrene

5100

tert-Butylbenzene

4445

Tetrachloroethene

5115

Tetrachloroethylene (Perchloroethylene, PCE)

5115

Tetrahydrofuran (THF)

5120

Toluene

5140

trans-1,2-Dichloroethylene

4700

trans-1,3-Dichloropropylene

4685

Trichloroethene (TCE, Trichloroethylene)

5170

Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)

5175

Vinyl Acetate

5225

Vinyl Chloride (Chloroethene)

5235

Xylenes (Total)

5260

EPA 625 by Gas Chromatography Mass Spectrometry (GC/MS)

10107401

Aqueous

1,2,4,5-Tetrachlorobenzene

6715

1,2,4-Trichlorobenzene

5155

1,2-Dichlorobenzene

4610



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Organic

EPA 625 by Gas Chromatography Mass Spectrometry (GC/MS)

10107401

Aqueous

1,2-Diphenylhydrazine (as Azobenzene) 6220

1,3-Dichlorobenzene (1,3-DCB) 4615

1,4-Dichlorobenzene 4620

2,2'-Oxybis(1-Chloropropane) (was bis(2-Chloroisopropyl)ether) 4659

2,4,5-Trichlorophenol 6835

2,4,6-Trichlorophenol 6840

2,4-Dichlorophenol 6000

2,4-Dimethylphenol 6130

2,4-Dinitrophenol 6175

2,4-Dinitrotoluene (2,4-DNT) 6185

2,6-Dinitrotoluene (2,6-DNT) 6190

2-Chloronaphthalene 5795

2-Chlorophenol 5800

2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-2-Methylphenol) 6360

2-Methylnaphthalene 6385

2-Methylphenol (o-Cresol) 6400

2-Nitroaniline 6460

2-Nitrophenol 6490

3,3'-Dichlorobenzidine 5945

3-Nitroaniline 6465

4-Bromophenyl Phenyl Ether (BDE-3) 5660

4-Chloro-3-Methylphenol 5700

4-Chloroaniline 5745

4-Chlorophenyl Phenylether 5825

4-Methylphenol (p-Cresol, as 3+4-Methylphenol) 6410

4-Nitroaniline 6470

4-Nitrophenol 6500

Acenaphthene 5500

Acenaphthylene 5505

Acetophenone 5510

Aniline 5545

Anthracene 5555

Azobenzene (1,2-Diphenylhydrazine) 5562

Benzidine 5595

Benzo(a)Anthracene 5575

Benzo(a)Pyrene 5580



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Accreditation is granted to the facility to perform the following testing:

Code

Organic

EPA 625 by Gas Chromatography Mass Spectrometry (GC/MS)

10107401

Aqueous

Benzo(b)Fluoranthene 5585

Benzo(g,h,i)Perylene 5590

Benzo(k)Fluoranthene 5600

Benzoic Acid 5610

Benzyl Alcohol 5630

bis(2-Chloroethoxy)Methane 5760

bis(2-Chloroethyl)Ether 5765

bis(2-Ethylhexy)Phthalate (DEHP, as di(2-ethylhexyl) phthalate) 6065

Butyl Benzyl Phthalate 5670

Carbazole 5680

Chrysene 5855

Dibenz(a,h)Anthracene 5895

Dibenzofuran 5905

Diethyl Phthalate 6070

Dimethyl Phthalate 6135

di-n-Butyl Phthalate 5925

di-n-Octyl Phthalate 6200

Fluoranthene 6265

Fluorene 6270

Hexachlorobenzene 6275

Hexachlorobutadiene 4835

Hexachlorocyclopentadiene 6285

Hexachloroethane 4840

Hexachlorophene 6290

Indeno(1,2,3,cd)Pyrene 6315

Isophorone 6320

Naphthalene 5005

Nitrobenzene 5015

n-Nitrosodiethylamine 6525

n-Nitrosodimethylamine 6530

n-Nitroso-di-n-Butylamine 5025

n-Nitrosodi-n-Propylamine 6545

n-Nitrosodiphenylamine 6535

Pentachlorobenzene 6590

Pentachlorophenol (PCP) 6605

Phenanthrene 6615



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Contact Name: Almera Rosario Phone: 713-453-6060

Accreditation is granted to the facility to perform the following testing:

Code

Organic	
EPA 625 by Gas Chromatography Mass Spectrometry (GC/MS)	10107401
Aqueous	
Phenol	6625
Pyrene	6665
Pyridine	5095
EPA 625.1 by Gas Chromatography Mass Spectrometry (GC/MS)	10300024
Aqueous	
1,2,4-Trichlorobenzene	5155
1,2-Dichlorobenzene	4610
1,2-Diphenylhydrazine (as Azobenzene)	6220
1,3-Dichlorobenzene	4615
1,3-Dichlorobenzene (1,3-DCB)	4615
1,4-Dichlorobenzene	4620
1-Methylnaphthalene	6380
2,2'-Oxybis(1-Chloropropane)	4659
2,2'-Oxybis(1-Chloropropane) (was bis(2-Chloroisopropyl)ether)	4659
2,3,4,6-Tetrachlorophenol	6735
2,3-Dichloroaniline	9363
2,4,5-Trichlorophenol	6835
2,4,6-Trichlorophenol	6840
2,4-Dichlorophenol	6000
2,4-Dimethylphenol	6130
2,4-Dinitrophenol	6175
2,4-Dinitrotoluene (2,4-DNT)	6185
2,4-Dinitrotoluene (2,4-DNT)	6185
2,6-Dichlorophenol	6005
2,6-Dinitrotoluene (2,6-DNT)	6190
2-Chloronaphthalene	5795
2-Chlorophenol	5800
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-2-Methylphenol)	6360
2-Methylnaphthalene	6385
2-Methylphenol (o-Cresol)	6400
2-Nitroaniline	6460
2-Nitrophenol	6490
3,3'-Dichlorobenzidine	5945
3+4-Methylphenol (m+p Cresol)	6412
3-Nitroaniline	6465
4,6-Dinitro-2-Methylphenol (Dinitro-o-Cresol)	6360



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Code

Organic

EPA 625.1 by Gas Chromatography Mass Spectrometry (GC/MS)

10300024

Aqueous

4-Bromophenyl Phenyl Ether (BDE-3) 5660

4-Chloro-3-Methylphenol 5700

4-Chloroaniline 5745

4-Chlorophenyl Phenylether 5825

4-Methylphenol (p-Cresol, as 3,4-Methylphenol) 6410

4-Methylphenol (p-Cresol, as 3+4-Methylphenol) 6410

4-Nitroaniline 6470

4-Nitrophenol 6500

Acenaphthene 5500

Acenaphthylene 5505

Acetophenone 5510

Aniline 5545

Anthracene 5555

Benzidine 5595

Benzo(a)Anthracene 5575

Benzo(a)Pyrene 5580

Benzo(b)Fluoranthene 5585

Benzo(g,h,i)Perylene 5590

Benzo(k)Fluoranthene 5600

Benzoic Acid 5610

Benzyl Alcohol 5630

bis(2-Chloroethoxy)Methane 5760

bis(2-Chloroethyl)Ether 5765

bis(2-Ethylhexy)Phthalate (DEHP, as di(2-ethylhexyl) phthalate) 6065

Butyl Benzyl Phthalate 5670

Carbazole 5680

Chrysene 5855

Dibenz(a,h)Anthracene 5895

Dibenzofuran 5905

Diethyl Phthalate 6070

Dimethyl Phthalate 6135

di-n-Butyl Phthalate 5925

di-n-Octyl Phthalate 6200

Fluoranthene 6265

Fluoranthene 6265

Fluorene 6270



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Contact Name: Almera Rosario Phone: 713-453-6060

Accreditation is granted to the facility to perform the following testing:

Code

Organic

EPA 625.1 by Gas Chromatography Mass Spectrometry (GC/MS) 10300024

Aqueous

Hexachlorobenzene	6275
Hexachlorobutadiene	4835
Hexachlorocyclopentadiene	6285
Hexachloroethane	4840
Indeno(1,2,3,cd)Pyrene	6315
Isophorone	6320
Naphthalene	5005
n-Decane	5875
Nitrobenzene	5015
n-Nitrosodimethylamine	6530
n-Nitrosodi-n-Propylamine	6545
n-Nitrosodiphenylamine	6535
n-Octadecane	6580
Pentachlorophenol (PCP)	6605
Phenanthrene	6615
Phenol	6625
Pyrene	6665
Pyridine	5095

EPA 8081B by Gas Chromatography Electron Capture Detector (GC/ECD) 10178811

Aqueous

4,4'-DDD	7355
4,4'-DDE	7360
4,4'-DDT	7365
4,4'-DDD	7355
4,4'-DDD	7355
4,4'-DDE	7360
4,4'-DDE	7360
4,4'-DDT	7365
Aldrin	7025
alpha-BHC (a-BHC, alpha-Hexachlorocyclohexane)	7110
alpha-Chlordane (cis-Chlordane)	7240
beta-BHC (b-BHC, beta-Hexachlorocyclohexane)	7115
Chlordane	7328
delta-BHC (d-BHC)	7105
Dieldrin	7470
Endosulfan I	7510



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Contact Name: Almera Rosario Phone: 713-453-6060

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Code

Organic

EPA 8081B by Gas Chromatography Electron Capture Detector (GC/ECD)

10178811

Aqueous

Endosulfan II	7515
Endosulfan Sulfate	7520
Endrin	7540
Endrin Aldehyde	7530
Endrin Ketone	7535
gamma-BHC (?-BHC, Lindane)	7120
gamma-BHC (?-BHC, Lindane, gamma-Hexachlorocyclohexane)	7120
gamma-Chlordane	7245
Heptachlor	7685
Heptachlor Epoxide	7690
Methoxychlor	7810

Solid

4,4'-DDD	7355
4,4'-DDE	7360
4,4'-DDT	7365
4,4'-DDD	7355
4,4'-DDD	7355
4,4'-DDE	7360
4,4'-DDE	7360
4,4'-DDT	7365
Aldrin	7025
alpha-BHC (a-BHC, alpha-Hexachlorocyclohexane)	7110
alpha-Chlordane (cis-Chlordane)	7240
beta-BHC (b-BHC, beta-Hexachlorocyclohexane)	7115
Chlordane	7328
delta-BHC (d-BHC)	7105
Dieldrin	7470
Endosulfan I	7510
Endosulfan II	7515
Endosulfan Sulfate	7520
Endrin	7540
Endrin Aldehyde	7530
Endrin Ketone	7535
gamma-BHC (?-BHC, Lindane)	7120
gamma-BHC (?-BHC, Lindane, gamma-Hexachlorocyclohexane)	7120
gamma-Chlordane	7245



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Code

Organic

EPA 8081B by Gas Chromatography Electron Capture Detector (GC/ECD) 10178811

Solid

Heptachlor 7685

Heptachlor Epoxide 7690

Methoxychlor 7810

EPA 8082A by Gas Chromatography Electron Capture Detector (GC/ECD) 10179358

Aqueous

Aroclor 1016 8880

Aroclor 1221 8885

Aroclor 1232 8890

Aroclor 1242 8900

Aroclor 1248 8900

Aroclor 1254 8905

Aroclor 1260 8910

Solid

Aroclor 1016 8880

Aroclor 1221 8885

Aroclor 1232 8890

Aroclor 1242 8900

Aroclor 1248 8900

Aroclor 1254 8905

Aroclor 1260 8910

EPA 8151A by Gas Chromatography Electron Capture Detector (GC/ECD) 10183207

Aqueous

2,4,5-T 8655

2,4,5-TP (Silvex) 8650

2,4-DB 8560

2,4-Dichlorophenoxyacetic Acid (2,4-D) 8545

Dalapon 8555

Dicamba 8595

Dichloroprop (2,4-DP) 8605

Dinoseb (2-sec-Butyl-4,6-Dinitrophenol, DNBP) 8620

MCPA 7775

MCPP 7780

Pentachlorophenol (PCP) 6605

Silvex (2,4,5-TP) 8650

Solid

2,4,5-T 8655



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Contact Name: Almera Rosario Phone: 713-453-6060

Accreditation is granted to the facility to perform the following testing:

Code

Organic

EPA 8151A by Gas Chromatography Electron Capture Detector (GC/ECD) 10183207

Solid

2,4,5-TP (Silvex) 8650

2,4-DB 8560

2,4-Dichlorophenoxyacetic Acid (2,4-D) 8545

Dalapon 8555

Dicamba 8595

Dichloroprop (2,4-DP) 8605

Dinoseb (2-sec-Butyl-4,6-Dinitrophenol, DNBP) 8620

MCPA 7775

MCPP 7780

Pentachlorophenol (PCP) 6605

Silvex (2,4,5-TP) 8650

EPA 8260C by Gas Chromatography Mass Spectrometry (GC/MS) 10307003

Aqueous

1,1,1,2-Tetrachloroethane 5105

1,1,1-Trichloroethane 5160

1,1,2,2-Tetrachloroethane 5110

1,1,2-Trichloro-1,2,2-Trifluoroethane (Trichlorotrifluoroethane, Freon 113) 5185

1,1,2-Trichloroethane 5165

1,1-Dichloroethane 4630

1,1-Dichloroethylene 4640

1,1-Dichloropropene 4670

1,2,3-Trichlorobenzene 5150

1,2,3-Trichloropropane (TCP) 5180

1,2,4-Trimethylbenzene 5210

1,2-Dibromo-3-Chloropropane (DBCP) 4570

1,2-Dibromoethane (EDB, Ethylene Dibromide) 4585

1,2-Dichlorobenzene 4610

1,2-Dichloroethane (Ethylene Dichloride, EDC) 4635

1,2-Dichloropropane 4655

1,3,5-Trimethylbenzene 5215

1,3-Butadiene 9318

1,3-Dichlorobenzene (1,3-DCB) 4615

1,3-Dichloropropane 4660

1,4-Dichlorobenzene 4620

1,4-Dioxane (1,4-Diethyleneoxide, p-Dioxane) 4735

2,2-Dichloropropane 4665



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Contact Name: Almera Rosario Phone: 713-453-6060

Accreditation is granted to the facility to perform the following testing:

Code

Organic	
EPA 8260C by Gas Chromatography Mass Spectrometry (GC/MS)	10307003
Aqueous	
2-Butanone (Methyl Ethyl Ketone, MEK)	4410
2-Chloroethyl Vinyl Ether (2-CEVE)	4500
2-Chlorotoluene	4535
2-Hexanone (Methyl Butyl Ketone, MBK)	4860
2-Methylnaphthalene	6385
4-Chlorotoluene (p-Chlorotoluene)	4540
4-Isopropyltoluene (p-Isopropyltoluene, p-Cymene)	4910
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone (MIBK), Hexone)	4995
Acetone	4315
Acetonitrile	4320
Acrolein (Propenal)	4325
Acrylonitrile	4340
Benzene	4375
Bromobenzene	4385
Bromochloromethane	4390
Bromodichloromethane	4395
Bromoform	4400
Carbon Disulfide	4450
Carbon Tetrachloride	4455
Chlorobenzene	4475
Chlorodibromomethane (Dibromochloromethane)	4575
Chloroethane (Ethyl Chloride)	4485
Chloroform	4505
cis-1,2-Dichloroethylene	4645
cis-1,3-Dichloropropene	4680
Cyclohexane	4555
Dibromomethane (Methylene Bromide)	4595
Dichlorodifluoromethane (Freon 12)	4625
Ethylbenzene	4765
Hexachlorobutadiene	4835
Isopropylbenzene (Cumene)	4900
m,p-Xylene	5240
Methyl Acetate	4940
Methyl Acrylate	4945
Methyl Bromide (Bromomethane)	4950
Methyl Chloride (Chloromethane)	4960



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Accreditation is granted to the facility to perform the following testing:

Code

Organic

EPA 8260C by Gas Chromatography Mass Spectrometry (GC/MS)

10307003

Aqueous

Methyl tert Butyl Ether (MTBE)	5000
Methylcyclohexane	4965
Methylene Chloride (Dichloromethane)	4975
Naphthalene	5005
n-Butylbenzene	4435
n-Heptane	4825
n-Hexane	4855
n-Propylbenzene (1-phenylpropane)	5090
o-Xylene (1,2-Xylene)	5250
sec-Butylbenzene	4440
Styrene	5100
tert-Butylbenzene	4445
Tetrachloroethylene (Perchloroethylene, PCE)	5115
Toluene	5140
trans-1,2-Dichloroethylene	4700
trans-1,3-Dichloropropylene	4685
Trichloroethene (TCE, Trichloroethylene)	5170
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	5175
Vinyl Acetate	5225
Vinyl Chloride (Chloroethene)	5235
Xylenes (Total)	5260

Solid

1,1,1,2-Tetrachloroethane	5105
1,1,1-Trichloroethane	5160
1,1,2,2-Tetrachloroethane	5110
1,1,2-Trichloro-1,2,2-Trifluoroethane (Trichlorotrifluoroethane, Freon 113)	5185
1,1,2-Trichloroethane	5165
1,1-Dichloroethane	4630
1,1-Dichloroethylene	4640
1,1-Dichloropropene	4670
1,2,3-Trichlorobenzene	5150
1,2,3-Trichloropropane (TCP)	5180
1,2,4-Trimethylbenzene	5210
1,2-Dibromo-3-Chloropropane (DBCP)	4570
1,2-Dibromoethane (EDB, Ethylene Dibromide)	4585
1,2-Dichlorobenzene	4610



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A&B Environmental Services, Inc.

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Contact Name: Almera Rosario Phone: 713-453-6060

Accreditation is granted to the facility to perform the following testing:

Code

Organic

EPA 8260C by Gas Chromatography Mass Spectrometry (GC/MS)

10307003

Solid

1,2-Dichloroethane (Ethylene Dichloride, EDC)	4635
1,2-Dichloropropane	4655
1,3,5-Trimethylbenzene	5215
1,3-Butadiene	9318
1,3-Dichlorobenzene (1,3-DCB)	4615
1,3-Dichloropropane	4660
1,4-Dichlorobenzene	4620
1,4-Dioxane (1,4-Diethyleneoxide, p-Dioxane)	4735
2,2-Dichloropropane	4665
2-Butanone (Methyl Ethyl Ketone, MEK)	4410
2-Chloroethyl Vinyl Ether (2-CEVE)	4500
2-Chlorotoluene	4535
2-Hexanone (Methyl Butyl Ketone, MBK)	4860
2-Methylnaphthalene	6385
4-Chlorotoluene (p-Chlorotoluene)	4540
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone (MIBK), Hexone)	4995
Acetone	4315
Acetonitrile	4320
Acrolein (Propenal)	4325
Acrylonitrile	4340
Benzene	4375
Bromobenzene	4385
Bromochloromethane	4390
Bromodichloromethane	4395
Bromoform	4400
Carbon Disulfide	4450
Carbon Tetrachloride	4455
Chlorobenzene	4475
Chlorodibromomethane (Dibromochloromethane)	4575
Chloroethane (Ethyl Chloride)	4485
Chloroform	4505
cis-1,2-Dichloroethylene	4645
cis-1,3-Dichloropropene	4680
Cyclohexane	4555
Dibromomethane (Methylene Bromide)	4595
Dichlorodifluoromethane (Freon 12)	4625



Certificate of Accreditation: Supplement

A&B Environmental Services, Inc.

10100 East Freeway, Suite 100, Houston, TX 77029

Contact Name: Almera Rosario Phone: 713-453-6060

Accreditation is granted to the facility to perform the following testing:

Code

Organic

EPA 8260C by Gas Chromatography Mass Spectrometry (GC/MS)

10307003

Solid

Ethylbenzene	4765
Hexachlorobutadiene	4835
Isopropylbenzene (Cumene)	4900
m,p-Xylene	5240
Methyl Acetate	4940
Methyl Acrylate	4945
Methyl Bromide (Bromomethane)	4950
Methyl Chloride (Chloromethane)	4960
Methyl tert Butyl Ether (MTBE)	5000
Methylcyclohexane	4965
Methylene Chloride (Dichloromethane)	4975
Naphthalene	5005
n-Butylbenzene	4435
n-Propylbenzene (1-phenylpropane)	5090
o-Xylene (1,2-Xylene)	5250
sec-Butylbenzene	4440
Styrene	5100
tert-Butylbenzene	4445
Tetrachloroethylene (Perchloroethylene, PCE)	5115
Toluene	5140
trans-1,2-Dichloroethylene	4700
trans-1,3-Dichloropropylene	4685
Trichloroethene (TCE, Trichloroethylene)	5170
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	5175
Vinyl Acetate	5225
Vinyl Chloride (Chloroethene)	5235
Xylenes (Total)	5260

EPA 8270D by Gas Chromatography Mass Spectrometry (GC/MS)

10186002

Aqueous

1,2,4-Trichlorobenzene	5155
1,2-Dichlorobenzene	4610
1,3-Dichlorobenzene (1,3-DCB)	4615
1,4-Dichlorobenzene	4620
2,2'-Oxybis(1-Chloropropane) (was bis(2-Chloroisopropyl)ether)	4659
2,3,4,6-Tetrachlorophenol	6735
2,4,5-Trichlorophenol	6835



Certificate of Accreditation: Supplement

A&B Environmental Services, Inc.

10100 East Freeway, Suite 100, Houston, TX 77029

Contact Name: Almera Rosario Phone: 713-453-6060

Accreditation is granted to the facility to perform the following testing:

Code

Organic

EPA 8270D by Gas Chromatography Mass Spectrometry (GC/MS)

10186002

Aqueous

2,4,6-Trichlorophenol	6840
2,4-Dichlorophenol	6000
2,4-Dimethylphenol	6130
2,4-Dinitrophenol	6175
2,4-Dinitrotoluene (2,4-DNT)	6185
2,6-Dichlorophenol	6005
2,6-Dinitrotoluene (2,6-DNT)	6190
2-Chloronaphthalene	5795
2-Chlorophenol	5800
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-2-Methylphenol)	6360
2-Methylnaphthalene	6385
2-Methylphenol (o-Cresol)	6400
2-Nitroaniline	6460
2-Nitrophenol	6490
3,3'-Dichlorobenzidine	5945
3-Nitroaniline	6465
4-Bromophenyl Phenyl Ether (BDE-3)	5660
4-Chloro-3-Methylphenol	5700
4-Chloroaniline	5745
4-Chlorophenyl Phenylether	5825
4-Methylphenol (p-Cresol, as 3+4-Methylphenol)	6410
4-Nitroaniline	6470
4-Nitrophenol	6500
Acenaphthene	5500
Acenaphthylene	5505
Acetophenone	5510
Aniline	5545
Anthracene	5555
Benzidine	5595
Benzo(a)Anthracene	5575
Benzo(a)Pyrene	5580
Benzo(b)Fluoranthene	5585
Benzo(g,h,i)Perylene	5590
Benzo(k)Fluoranthene	5600
Benzoic Acid	5610
Benzyl Alcohol	5630



Certificate of Accreditation: Supplement

A&B Environmental Services, Inc.

10100 East Freeway, Suite 100, Houston, TX 77029

Contact Name: Almera Rosario Phone: 713-453-6060

Accreditation is granted to the facility to perform the following testing:

Code

Organic

EPA 8270D by Gas Chromatography Mass Spectrometry (GC/MS)

10186002

Aqueous

Biphenyl	5640
bis(2-Chloroethoxy)Methane	5760
bis(2-Chloroethyl)Ether	5765
bis(2-Ethylhexy)Phthalate (DEHP, as di(2-ethylhexyl) phthalate)	6065
Butyl Benzyl Phthalate	5670
Carbazole	5680
Chrysene	5855
Dibenz(a,h)Anthracene	5895
Dibenzofuran	5905
Diethyl Phthalate	6070
Dimethyl Phthalate	6135
di-n-Butyl Phthalate	5925
di-n-Octyl Phthalate	6200
Fluoranthene	6265
Fluorene	6270
Hexachlorobenzene	6275
Hexachlorobutadiene	4835
Hexachlorocyclopentadiene	6285
Hexachloroethane	4840
Indeno(1,2,3,cd)Pyrene	6315
Isophorone	6320
Naphthalene	5005
Nitrobenzene	5015
n-Nitrosodimethylamine	6530
n-Nitrosodi-n-Propylamine	6545
n-Nitrosodiphenylamine	6535
Pentachlorobenzene	6590
Pentachlorophenol (PCP)	6605
Phenanthrene	6615
Phenol	6625
Pyrene	6665
Pyridine	5095

Solid

1,2,4-Trichlorobenzene	5155
1,2-Dichlorobenzene	4610
1,3-Dichlorobenzene (1,3-DCB)	4615



Certificate of Accreditation: Supplement

A&B Environmental Services, Inc.

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Contact Name: Almera Rosario Phone: 713-453-6060

Accreditation is granted to the facility to perform the following testing:

Code

Organic

EPA 8270D by Gas Chromatography Mass Spectrometry (GC/MS)

10186002

Solid

1,4-Dichlorobenzene	4620
2,2'-Oxybis(1-Chloropropane) (was bis(2-Chloroisopropyl)ether)	4659
2,3,4,6-Tetrachlorophenol	6735
2,4,5-Trichlorophenol	6835
2,4,6-Trichlorophenol	6840
2,4-Dichlorophenol	6000
2,4-Dimethylphenol	6130
2,4-Dinitrophenol	6175
2,4-Dinitrotoluene (2,4-DNT)	6185
2,6-Dichlorophenol	6005
2,6-Dinitrotoluene (2,6-DNT)	6190
2-Chloronaphthalene	5795
2-Chlorophenol	5800
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-2-Methylphenol)	6360
2-Methylnaphthalene	6385
2-Methylphenol (o-Cresol)	6400
2-Nitroaniline	6460
2-Nitrophenol	6490
3,3'-Dichlorobenzidine	5945
3-Nitroaniline	6465
4-Bromophenyl Phenyl Ether (BDE-3)	5660
4-Chloro-3-Methylphenol	5700
4-Chloroaniline	5745
4-Chlorophenyl Phenylether	5825
4-Methylphenol (p-Cresol, as 3+4-Methylphenol)	6410
4-Nitroaniline	6470
4-Nitrophenol	6500
Acenaphthene	5500
Acenaphthylene	5505
Acetophenone	5510
Aniline	5545
Anthracene	5555
Benzidine	5595
Benzo(a)Anthracene	5575
Benzo(a)Pyrene	5580
Benzo(b)Fluoranthene	5585



Certificate of Accreditation: Supplement

A&B Environmental Services, Inc.

10100 East Freeway, Suite 100, Houston, TX 77029

Contact Name: Almera Rosario Phone: 713-453-6060

Accreditation is granted to the facility to perform the following testing:

Code

Organic

EPA 8270D by Gas Chromatography Mass Spectrometry (GC/MS)

10186002

Solid

Benzo(g,h,i)Perylene	5590
Benzo(k)Fluoranthene	5600
Benzoic Acid	5610
Benzyl Alcohol	5630
Biphenyl	5640
bis(2-Chloroethoxy)Methane	5760
bis(2-Chloroethyl)Ether	5765
bis(2-Ethylhexy)Phthalate (DEHP, as di(2-ethylhexyl) phthalate)	6065
Butyl Benzyl Phthalate	5670
Carbazole	5680
Chrysene	5855
Dibenz(a,h)Anthracene	5895
Dibenzofuran	5905
Diethyl Phthalate	6070
Dimethyl Phthalate	6135
di-n-Butyl Phthalate	5925
di-n-Octyl Phthalate	6200
Fluoranthene	6265
Fluorene	6270
Hexachlorobenzene	6275
Hexachlorobutadiene	4835
Hexachlorocyclopentadiene	6285
Hexachloroethane	4840
Indeno(1,2,3,cd)Pyrene	6315
Isophorone	6320
Naphthalene	5005
Nitrobenzene	5015
n-Nitrosodimethylamine	6530
n-Nitrosodi-n-Propylamine	6545
n-Nitrosodiphenylamine	6535
Pentachlorobenzene	6590
Pentachlorophenol (PCP)	6605
Phenanthrene	6615
Phenol	6625
Pyrene	6665
Pyridine	5095



Certificate of Accreditation: Supplement

A&B Environmental Services, Inc.

10100 East Freeway, Suite 100, Houston, TX 77029

Contact Name: Almera Rosario Phone: 713-453-6060

Accreditation is granted to the facility to perform the following testing:

Code

Organic

EPA 8310 by High Performance Liquid Chromatography (HPLC)

10187607

Aqueous

Acenaphthene	5500
Acenaphthylene	5505
Anthracene	5555
Benzo(a)anthracene	5575
Benzo(a)pyrene	5580
Benzo(b)fluoranthene	5585
Benzo(g,h,i)perylene	5590
Benzo(k)fluoranthene	5600
Chrysene	5855
Dibenz(a,h) anthracene	5895
Fluoranthene	6265
Fluorene	6270
Indeno(1,2,3-cd) pyrene	6315
Naphthalene	5005
Phenanthrene	6615
Pyrene	6665

Solid

Acenaphthene	5500
Acenaphthylene	5505
Anthracene	5555
Benzo(a)anthracene	5575
Benzo(a)pyrene	5580
Benzo(b)fluoranthene	5585
Benzo(g,h,i)perylene	5590
Benzo(k)fluoranthene	5600
Chrysene	5855
Dibenz(a,h) anthracene	5895
Fluoranthene	6265
Fluorene	6270
Indeno(1,2,3-cd) pyrene	6315
Naphthalene	5005
Phenanthrene	6615
Pyrene	6665

EPA TO-15 by Gas Chromatography Mass Spectrometry (GC/MS)

10248803

Air

1,1,1-Trichloroethane	5160
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Certificate of Accreditation: Supplement

A&B Environmental Services, Inc.

10100 East Freeway, Suite 100, Houston, TX 77029

Contact Name: Almera Rosario Phone: 713-453-6060

Accreditation is granted to the facility to perform the following testing:

Code

Organic	
EPA TO-15 by Gas Chromatography Mass Spectrometry (GC/MS)	10248803
Air	
1,1,2,2-Tetrachloroethane	5110
1,1,2-Trichloro-1,2,2-Trifluoroethane (Trichlorotrifluoroethane, Freon 113)	5185
1,1,2-Trichloroethane	5165
1,1-Dichloroethane	4630
1,1-Dichloroethylene	4640
1,2,4-Trichlorobenzene	5155
1,2,4-Trimethylbenzene	5210
1,2-Dibromoethane (EDB, Ethylene Dibromide)	4585
1,2-Dichlorobenzene	4610
1,2-Dichloroethane (Ethylene Dichloride, EDC)	4635
1,2-Dichloropropane	4655
1,3,5-Trimethylbenzene	5215
1,3-Butadiene	9318
1,3-Dichlorobenzene (1,3-DCB)	4615
1,4-Dichlorobenzene	4620
1,4-Dioxane (1,4-Diethyleneoxide, p-Dioxane)	4735
2-Butanone (Methyl Ethyl Ketone, MEK)	4410
2-Hexanone (Methyl Butyl Ketone, MBK)	4860
4-Ethyltoluene (p-Ethyltoluene, 1-Ethyl-4-Methylbenzene)	4542
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone (MIBK), Hexone)	4995
Acetone	4315
Acrolein (Propenal)	4325
Benzene	4375
Benzyl Chloride	5635
Bromodichloromethane	4395
Bromoform	4400
Carbon Disulfide	4450
Carbon Tetrachloride	4455
Chlorobenzene	4475
Chlorodibromomethane (Dibromochloromethane)	4575
Chloroethane (Ethyl Chloride)	4485
Chloroform	4505
cis-1,2-Dichloroethylene	4645
cis-1,3-Dichloropropene	4680
Cyclohexane	4555
Dichlorodifluoromethane (Freon 12)	4625



Certificate of Accreditation: Supplement

A&B Environmental Services, Inc.

10100 East Freeway, Suite 100, Houston, TX 77029

Contact Name: Almera Rosario Phone: 713-453-6060

Accreditation is granted to the facility to perform the following testing:

Code

Organic

EPA TO-15 by Gas Chromatography Mass Spectrometry (GC/MS)

10248803

Air

Dichlorotetrafluoroethane (1,2-Dichlorotetrafluoroethane)	4652
Ethanol	4750
Ethyl Acetate	4755
Ethylbenzene	4765
Hexachlorobutadiene	4835
Isopropyl Alcohol (IPA, 2-Propanol, Isopropanol)	4895
m,p-Xylene	5240
Methyl Bromide (Bromomethane)	4950
Methyl Chloride (Chloromethane)	4960
Methyl Methacrylate	4990
Methyl tert Butyl Ether (MTBE)	5000
Methylene Chloride (Dichloromethane)	4975
n-Heptane	4825
n-Hexane	4855
o-Xylene (1,2-Xylene)	5250
Propylene (as Propene)	4836
Styrene	5100
Tetrachloroethylene (Perchloroethylene, PCE)	5115
Tetrahydrofuran (THF)	5120
Toluene	5140
trans-1,2-Dichloroethylene	4700
trans-1,3-Dichloropropylene	4685
Trichloroethene (TCE, Trichloroethylene)	5170
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	5175
Vinyl Acetate	5225
Vinyl Chloride (Chloroethene)	5235

TNRCC (TCEQ) 1005 by Gas Chromatography Flame Ionization Detection (GC/FID)

90019208

Aqueous

>C12-C28	9371
>C28-C35	9373
C6-C12	9370
Total Petroleum Hydrocarbons (TPH)	2050

Solid

>C12-C28	9371
>C28-C35	9373
C6-C12	9370



Certificate of Accreditation: Supplement

A&B Environmental Services, Inc.

10100 East Freeway, Suite 100, Houston, TX 77029

Contact Name: Almera Rosario Phone: 713-453-6060

Accreditation is granted to the facility to perform the following testing:

Code

Organic

TNRCC (TCEQ) 1005 by Gas Chromatography Flame Ionization Detection (GC/FID) 90019208

Solid
Total Petroleum Hydrocarbons (TPH) 2050

Preparation

Aqueous

EPA 1311	Toxicity Characteristic Leaching Procedure (TCLP)
EPA 1312	Synthetic Precipitation Leaching Procedure (SPLP)
EPA 3005A	Acid Digestion of Waters for Total Recoverable or Dissolved Metals
EPA 3010A	Acid Digestion for Total Metals
EPA 3510C	Separatory Funnel Liquid-Liquid Extraction
EPA 5030C	Purge-and-Trap for Volatile Organics in Aqueous Samples

Solid

EPA 1311	Toxicity Characteristic Leaching Procedure (TCLP)
EPA 1312	Synthetic Precipitation Leaching Procedure (SPLP)
EPA 3050B	Acid Digestion for Metals
EPA 3540C	Soxhlet Extraction (Non-Automated)
EPA 3545A	Pressurized Fluid Extraction (PFE)
EPA 3546	Microwave Extraction (Organics)
EPA 3550C	Ultrasonic Extraction
EPA 5035A	Purge-and-Trap and Extraction For Volatile Organics (Closed-System)

Footnotes:

> Method codes are typically based on The NELAC Institute (TNI) Laboratory Accreditation Management System (LAMS) and are used to compare to the laboratory reported Performance Test (PT) results. Although the method code may not represent the specific method version, it is the method code used to represent the method/technology used to report PTs. (NC = No Code)



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc. has assessed the Laboratory of:

A & B Environmental Services, Inc.
10100 East Freeway, Suite 100, Houston, TX 77029

(Hereinafter called the Organization) and hereby declares that Organization is accredited in accordance with the recognized International Standard:

**ISO/IEC 17025:2017 &
EPA NLLAP-LQSR Revision 3.0**

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (as outlined by the joint ISO-ILAC-IAF Communiqué dated April 2017):

Environmental Testing
(As detailed in the supplement)

Accreditation claims for such testing and/or calibration services shall only be made from addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

Tracy Szerszen
President

<i>Initial Accreditation Date:</i>	<i>Issue Date:</i>	<i>Expiration Date:</i>
February 10, 2012	February 15, 2023	February 15, 2025

<i>Accreditation No:</i>	<i>Certificate No:</i>
71390	L23-120

Perry Johnson Laboratory
Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: www.pjllabs.com



Certificate of Accreditation: Supplement

ISO/IEC 17025:2017 EPA NLLAP-LQSR Revision 3.0

A & B Environmental Services, Inc.

10100 East Freeway, Suite 100, Houston, TX 77029
 Contact Name: Almera Rosario Phone: 713-453-6060

Accreditation is granted to the facility to perform the following testing:

ISO/IEC 17025:2017 and EPA NLLAP LQSR Version 3.0

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED
Environmental ^F	Paint Chips, Dust and Soil	Lead (pb)	EPA 3050B
			EPA 6010D

ISO/IEC 17025:2017

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED
Environmental ^F	Aqueous/ Solid	Chlorinated Herbicides	EPA 8151A
	Aqueous/ Solid	Chlorinated Pesticides	EPA 8081B
	Aqueous/ Solid	Chlorinated Pesticides	EPA 608.3
	Aqueous/ Solid	PCBs	EPA 8082A
	Aqueous	PAH	EPA 610
	Aqueous	Chlorinated Herbicides	EPA 615
	Aqueous/ Solid	PAH	EPA 8310
	Aqueous	Volatile Organic Compounds	EPA 624.1
	Aqueous	Semi volatile Organic Compounds	EPA 625.1
Chemical ^F	Aqueous	ASTM D6503-19	Enterococci
	Aqueous	EPA 1664B	O&G (SGT-HEM)
	Aqueous	EPA 1664B	Oil & Grease
	Aqueous	EPA 350.3	Ammonia as N
	Aqueous	EPA 351.4	TKN
	Aqueous	EPA 365.2	Ortho Phosphate-P
	Aqueous	EPA 365.2	Total Phosphorus-P
	Aqueous	EPA 376.1	Sulfide
	Aqueous	EPA 376.2	Sulfide
	Aqueous	EPA 410.4	COD
	Aqueous	EPA 415.1	TOC
	Aqueous	EPA 602	Benzene
	Aqueous	EPA 602	Ethylbenzene
	Aqueous	EPA 602	m- & p-Xylenes
	Aqueous	EPA 602	MTBE



Certificate of Accreditation: Supplement

ISO/IEC 17025:2017 and EPA NLLAP-LQSR Revision 3.0

A & B Environmental Services

10100 East Freeway, Suite 100, Houston, TX77029
 Contact Name: Almera Rosario Phone: 713-453-6060

Accreditation is granted to the facility to perform the following testing:

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED
Chemical ^F	Aqueous	EPA 602	o-Xylene
	Aqueous	EPA 602	Toluene
	Aqueous	EPA 602	Xylenes
	Aqueous	EPA 608.3	4,4-DDD
	Aqueous	EPA 608.3	4,4-DDE
	Aqueous	EPA 608.3	4,4-DDT
	Aqueous	EPA 608.3	a-BHC
	Aqueous	EPA 608.3	Aldrin
	Aqueous	EPA 608.3	Alpha-chlordane
	Aqueous	EPA 608.3	Aroclor 1016
	Aqueous	EPA 608.3	Aroclor 1221
	Aqueous	EPA 608.3	Aroclor 1232
	Aqueous	EPA 608.3	Aroclor 1242
	Aqueous	EPA 608.3	Aroclor 1248
	Aqueous	EPA 608.3	Aroclor 1254
	Aqueous	EPA 608.3	Aroclor 1260
	Aqueous	EPA 608.3	b-BHC
	Aqueous	EPA 608.3	Chlordane
	Aqueous	EPA 608.3	d-BHC
	Aqueous	EPA 608.3	Dicofol
	Aqueous	EPA 608.3	Dieldrin
	Aqueous	EPA 608.3	Endosulfan I
	Aqueous	EPA 608.3	Endosulfan II
	Aqueous	EPA 608.3	Endosulfan sulfate
	Aqueous	EPA 608.3	Endrin
	Aqueous	EPA 608.3	Endrin aldehyde
	Aqueous	EPA 608.3	Endrin ketone
	Aqueous	EPA 608.3	Gamma-chlordane
	Aqueous	EPA 608.3	g-BHC
	Aqueous	EPA 608.3	Heptachlor
	Aqueous	EPA 608.3	Heptachlor epoxide
	Aqueous	EPA 608.3	Methoxychlor
Aqueous	EPA 608.3	Mirex	
Aqueous	EPA 608.3	Toxaphene	



Certificate of Accreditation: Supplement

ISO/IEC 17025:2017 and EPA NLLAP-LQSR Revision 3.0

A & B Environmental Services

10100 East Freeway, Suite 100, Houston, TX77029
 Contact Name: Almera Rosario Phone: 713-453-6060

Accreditation is granted to the facility to perform the following testing:

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED
Chemical ^F	Aqueous	EPA 610	Acenaphthene
	Aqueous	EPA 610	Acenaphthylene
	Aqueous	EPA 610	Anthracene
	Aqueous	EPA 610	Benzo(a)anthracene
	Aqueous	EPA 610	Benzo(a)pyrene
	Aqueous	EPA 610	Benzo(b)fluoranthene
	Aqueous	EPA 610	Benzo(g,h,i)perylene
	Aqueous	EPA 610	Benzo(k)fluoranthene
	Aqueous	EPA 610	Chrysene
	Aqueous	EPA 610	Dibenzo(a,h)anthracene
	Aqueous	EPA 610	Fluoranthene
	Aqueous	EPA 610	Fluorene
	Aqueous	EPA 610	Indeno(1,2,3-cd)pyrene
	Aqueous	EPA 610	Naphthalene
	Aqueous	EPA 610	Phenanthrene
	Aqueous	EPA 610	Pyrene
	Aqueous	EPA 614	Chlorpyrifos
	Aqueous	EPA 614	Demeton
	Aqueous	EPA 614	Demeton-O
	Aqueous	EPA 614	Diazinon
	Aqueous	EPA 614	Dimethoate
	Aqueous	EPA 614	Disulfoton
	Aqueous	EPA 614	EPN
	Aqueous	EPA 614	Ethion
	Aqueous	EPA 614	Ethoprop
	Aqueous	EPA 614	Famphur
	Aqueous	EPA 614	Guthion
	Aqueous	EPA 614	Malathion
	Aqueous	EPA 614	Methamidophos
	Aqueous	EPA 614	Methyl Parathion
	Aqueous	EPA 614	Monocrotophos
	Aqueous	EPA 614	Parathion
	Aqueous	EPA 614	Phorate
Aqueous	EPA 614	Phosmet	



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ISO/IEC 17025:2017 EPA NLLAP-LQSR Revision 3.0

A & B Environmental Services, Inc.

10100 East Freeway, Suite 100, Houston, TX 77029
 Contact Name: Almera Rosario Phone: 713-453-6060

Accreditation is granted to the facility to perform the following testing:

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED
Chemical ^F	Aqueous	EPA 614	Terbufos
	Aqueous	EPA 615	2,4,5-T
	Aqueous	EPA 615	2,4,5-TP
	Aqueous	EPA 615	2,4-D
	Aqueous	EPA 615	2,4-DB
	Aqueous	EPA 615	Dalapon
	Aqueous	EPA 615	Dicamba
	Aqueous	EPA 615	Dichloroprop
	Aqueous	EPA 615	Dinoseb
	Aqueous	EPA 615	MCPA
	Aqueous	EPA 615	MCPP
	Aqueous	EPA 615	Pentachlorophenol
	Aqueous	EPA 9060A	TOC
	Aqueous	SM 2340B	Total Hardness
	Aqueous	SM 2340C	Total Hardness
	Aqueous	SM 2540B	Total Solids
	Aqueous	SM 2540D	MLSS
	Aqueous	SM 2540D	TSS
	Aqueous	SM 2540E	Volatile Solids
	Aqueous	SM 2540E	VSS
	Aqueous	SM 4500F- C	Fluoride
	Aqueous	SM 4500H B	pH
	Aqueous	SM 4500NH3D	Ammonia as N
	Aqueous	SM 4500NH3D	TKN
	Aqueous	SM 4500NO3E	Nitrate/Nitrite as N
	Aqueous	SM 4500P-E	Ortho Phosphate-P
	Aqueous	SM 4500P-E	Phosphorus
	Aqueous	SM 4500-S F	Sulfide
	Aqueous	SM 4500SiO2-D	Silica
	Aqueous	SM 5210B	BOD
	Aqueous	SM 5210B	CBOD
	Aqueous	SM 5220D	COD
	Aqueous	SM 5310B	DOC
Aqueous	SM 5310B	TOC	
Aqueous	SM4500NO2 B	Nitrite-N	



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Chemical ^F	Aqueous	SM4500O G	Dissoved Oxygen
	Aqueous	SM4500S D	Sulfide
	Aqueous	SM9215B	Heterotrophic Plate Count
	Aqueous	SM9223B	Coliform, Total
	Aqueous	SM9223B	E. coli
	Aqueous	SOP 152	Legionella
	Drinking Water	EPA 120.1	Conductance
	Drinking Water	EPA 130.2	Total Hardness
	Drinking Water	EPA 150.1	pH
	Drinking Water	EPA 160.1	TDS
	Drinking Water	EPA 160.2	TSS
	Drinking Water	EPA 200.7	Aluminum
	Drinking Water	EPA 200.7	Antimony
	Drinking Water	EPA 200.7	Arsenic
	Drinking Water	EPA 200.7	Barium
	Drinking Water	EPA 200.7	Beryllium
	Drinking Water	EPA 200.7	Boron
	Drinking Water	EPA 200.7	Cadmium
	Drinking Water	EPA 200.7	Calcium
	Drinking Water	EPA 200.7	Chromium
	Drinking Water	EPA 200.7	Cobalt
	Drinking Water	EPA 200.7	Copper
	Drinking Water	EPA 200.7	Iron
	Drinking Water	EPA 200.7	Lead
	Drinking Water	EPA 200.7	Lithium
	Drinking Water	EPA 200.7	Magnesium
	Drinking Water	EPA 200.7	Manganese
	Drinking Water	EPA 200.7	Molybdenum
	Drinking Water	EPA 200.7	Nickel
	Drinking Water	EPA 200.7	Potassium
	Drinking Water	EPA 200.7	Selenium
	Drinking Water	EPA 200.7	Silica
	Drinking Water	EPA 200.7	Silicon
	Drinking Water	EPA 200.7	Silver



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Chemical ^F	Drinking Water	EPA 200.7	Sodium
	Drinking Water	EPA 200.7	Strontium
	Drinking Water	EPA 200.7	Thallium
	Drinking Water	EPA 200.7	Titanium
	Drinking Water	EPA 200.7	Vanadium
	Drinking Water	EPA 200.7	Zinc
	Drinking Water	EPA 200.8	Aluminum
	Drinking Water	EPA 200.8	Antimony
	Drinking Water	EPA 200.8	Arsenic
	Drinking Water	EPA 200.8	Barium
	Drinking Water	EPA 200.8	Beryllium
	Drinking Water	EPA 200.8	Cadmium
	Drinking Water	EPA 200.8	Calcium
	Drinking Water	EPA 200.8	Chromium
	Drinking Water	EPA 200.8	Cobalt
	Drinking Water	EPA 200.8	Copper
	Drinking Water	EPA 200.8	Iron
	Drinking Water	EPA 200.8	Lead
	Drinking Water	EPA 200.8	Magnesium
	Drinking Water	EPA 200.8	Manganese
	Drinking Water	EPA 200.8	Molybdenum
	Drinking Water	EPA 200.8	Nickel
	Drinking Water	EPA 200.8	Potassium
	Drinking Water	EPA 200.8	Selenium
	Drinking Water	EPA 200.8	Silver
	Drinking Water	EPA 200.8	Sodium
	Drinking Water	EPA 200.8	Thallium
	Drinking Water	EPA 200.8	Thorium
	Drinking Water	EPA 200.8	Uranium
	Drinking Water	EPA 200.8	Vanadium
	Drinking Water	EPA 200.8	Zinc
	Drinking Water	EPA 245.1	Mercury
	Drinking Water	EPA 300.0	Bromide
	Drinking Water	EPA 300.0	Chloride
Drinking Water	EPA 300.0	Fluoride	



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Chemical ^F	Drinking Water	EPA 300.0	Nitrate
	Drinking Water	EPA 300.0	Nitrate/Nitrite as N
	Drinking Water	EPA 300.0	Nitrite
	Drinking Water	EPA 300.0	Ortho Phosphate-P
	Drinking Water	EPA 300.0	Sulfate
	Drinking Water	EPA 335.1	Cyanide, Amenable
	Drinking Water	EPA 335.2	Cyanide, Total
	Drinking Water	EPA 340.2	Fluoride
	Drinking Water	EPA 524.2	1,1,1-Trichloroethane
	Drinking Water	EPA 524.2	1,1,2-Trichloroethane
	Drinking Water	EPA 524.2	1,1-Dichloroethylene
	Drinking Water	EPA 524.2	1,2,4-Trichlorobenzene
	Drinking Water	EPA 524.2	1,2-Dichlorobenzene
	Drinking Water	EPA 524.2	1,2-Dichloroethane
	Drinking Water	EPA 524.2	1,2-Dichloropropane
	Drinking Water	EPA 524.2	1,4-Dichlorobenzene
	Drinking Water	EPA 524.2	Benzene
	Drinking Water	EPA 524.2	Bromodichloromethane
	Drinking Water	EPA 524.2	Bromoform
	Drinking Water	EPA 524.2	Carbon tetrachloride
	Drinking Water	EPA 524.2	Chlorobenzene
	Drinking Water	EPA 524.2	Chloroform
	Drinking Water	EPA 524.2	cis-1,2-Dichloroethylene
	Drinking Water	EPA 524.2	Dibromochloromethane
	Drinking Water	EPA 524.2	Dichloromethane
	Drinking Water	EPA 524.2	Ethylbenzene
	Drinking Water	EPA 524.2	m- & p-Xylenes
	Drinking Water	EPA 524.2	o-Xylene
	Drinking Water	EPA 524.2	Styrene
	Drinking Water	EPA 524.2	Tetrachloroethylene
	Drinking Water	EPA 524.2	THMs
	Drinking Water	EPA 524.2	Toluene
Drinking Water	EPA 524.2	trans-1,2-Dichloroethylene	
Drinking Water	EPA 524.2	Trichloroethylene	
Drinking Water	EPA 524.2	Vinyl Chloride	



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Chemical ^F	Drinking Water	EPA 524.2	Xylenes
	Drinking Water	EPA 552.2	Bromochloroacetic Acid
	Drinking Water	EPA 552.2	Dibromoacetic Acid
	Drinking Water	EPA 552.2	Dichloroacetic Acid
	Drinking Water	EPA 552.2	Monobromoacetic Acid
	Drinking Water	EPA 552.2	Monochloroacetic Acid
	Drinking Water	EPA 552.2	Total Haloacetic Acids
	Drinking Water	EPA 552.2	Trichloroacetic Acid
	Drinking Water	SM 2340C	Total Hardness
	Drinking Water	SM 2510B	Conductance
	Drinking Water	SM 2540C	TDS
	Drinking Water	SM 4500CN C/E	Cyanide, Total
	Drinking Water	SM 4500CN C/G	Cyanide, Amenable
	Drinking Water	SM 4500F- C	Fluoride
	Drinking Water	SM 4500H B	pH
	Drinking Water	SM 9215B	Heterotrophic Plate Count
	Drinking Water	SM 9221E	Coliform, Fecal
	Drinking Water	SM 9222B	Coliform, Total
	Drinking Water	SM 9222D	Coliform, Fecal
	Drinking Water	SM 9222G	E. coli
	Drinking Water	SM 9223B	Coliform, Total
	Drinking Water	SM 9223B	Coliform, Total
	Drinking Water	SM 9223B	E. coli
	Drinking Water	SM4500NO2 B	Nitrite-N
	Drinking Water	SOP 152	Legionella
	Solid	EPA 1312	SPLP
	Solid	SM 2540G	% Moisture
	Solid	SM 2540G	Ash
	Solid	SM 2540G	LOI
	Solid	SM 2540G	Total Solids
	Solid	SM 2540G	Volatile Solids
	Solid	SM 2540G	Volatile Solids
	Solid	EPA 350.3	Ammonia as N
	Solid	EPA 351.4	TKN
Solid	SM 3500 Cr B-MOD	Chromium, Hexavalent	



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Chemical ^F	Solid	SM 4500NH3 Dm	Ammonia-N
	Solid	SM 9222B	Coliform, Total
	Solid	SM 9222D	Coliform, Fecal
	Solid	SM 9222G	E. coli
	Aqueous/Solid	EPA 8081B	4,4-DDD
	Aqueous/Solid	EPA 8081B	4,4-DDE
	Aqueous/Solid	EPA 8081B	4,4-DDT
	Aqueous/Solid	EPA 8081B	a-BHC
	Aqueous/Solid	EPA 8081B	Aldrin
	Aqueous/Solid	EPA 8081B	Alpha-chlordane
	Aqueous/Solid	EPA 8081B	b-BHC
	Aqueous/Solid	EPA 8081B	Chlordane
	Aqueous/Solid	EPA 8081B	d-BHC
	Aqueous/Solid	EPA 8081B	Dicofol
	Aqueous/Solid	EPA 8081B	Dieldrin
	Aqueous/Solid	EPA 8081B	Endosulfan I
	Aqueous/Solid	EPA 8081B	Endosulfan II
	Aqueous/Solid	EPA 8081B	Endosulfan sulfate
	Aqueous/Solid	EPA 8081B	Endrin
	Aqueous/Solid	EPA 8081B	Endrin aldehyde
	Aqueous/Solid	EPA 8081B	Endrin ketone
	Aqueous/Solid	EPA 8081B	Gamma-chlordane
	Aqueous/Solid	EPA 8081B	g-BHC
	Aqueous/Solid	EPA 8081B	Heptachlor
	Aqueous/Solid	EPA 8081B	Heptachlor epoxide
	Aqueous/Solid	EPA 8081B	Hexachlorobenzene
	Aqueous/Solid	EPA 8081B	Kepone
	Aqueous/Solid	EPA 8081B	Methoxychlor
	Aqueous/Solid	EPA 8081B	Mirex
	Aqueous/Solid	EPA 8081B	Toxaphene
	Aqueous/Solid	EPA 8315A	Acetaldehyde
	Aqueous/Solid	EPA 8315A	Benzaldehyde
	Aqueous/Solid	EPA 8315A	Formaldehyde
Aqueous/Solid	EPA 8015D	2-Propanol	
Aqueous/Solid	EPA 8015D	Acetone	



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Chemical ^F	Aqueous/Solid	EPA 8015D	DRO
	Aqueous/Solid	EPA 8015D	Ethanol
	Aqueous/Solid	EPA 8015D	GRO
	Aqueous/Solid	EPA 8015D	Isobutyl Alcohol
	Aqueous/Solid	EPA 8015D	Methanol
	Aqueous/Solid	EPA 8015D	n-Butanol
	Aqueous/Solid	EPA 8015D	n-Propyl Alcohol
	Aqueous/Solid	EPA 8015D	sec-Butyl Alcohol
	Aqueous/Solid	EPA 8015D	Tert-Butyl Alcohol
	Aqueous/Solid	EPA 8021B	Benzene
	Aqueous/Solid	EPA 8021B	Ethylbenzene
	Aqueous/Solid	EPA 8021B	m- & p-Xylenes
	Aqueous/Solid	EPA 8021B	MTBE
	Aqueous/Solid	EPA 8021B	o-Xylene
	Aqueous/Solid	EPA 8021B	Toluene
	Aqueous/Solid	EPA 8021B	Xylenes
	Aqueous/Solid	EPA 8082A	Aroclor 1016
	Aqueous/Solid	EPA 8082A	Aroclor 1221
	Aqueous/Solid	EPA 8082A	Aroclor 1232
	Aqueous/Solid	EPA 8082A	Aroclor 1242
	Aqueous/Solid	EPA 8082A	Aroclor 1248
	Aqueous/Solid	EPA 8082A	Aroclor 1254
	Aqueous/Solid	EPA 8082A	Aroclor 1260
	Aqueous/Solid	EPA 8141B	Chlorpyrifos
	Aqueous/Solid	EPA 8141B	Demeton
	Aqueous/Solid	EPA 8141B	Demeton-O
	Aqueous/Solid	EPA 8141B	Diazinon
	Aqueous/Solid	EPA 8141B	Dimethoate
	Aqueous/Solid	EPA 8141B	Disulfoton
	Aqueous/Solid	EPA 8141B	EPN
	Aqueous/Solid	EPA 8141B	Ethion
	Aqueous/Solid	EPA 8141B	Ethoprop
	Aqueous/Solid	EPA 8141B	Famphur
Aqueous/Solid	EPA 8141B	Guthion	
Aqueous/Solid	EPA 8141B	Malathion	



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Chemical ^F	Aqueous/Solid	EPA 8141B	Methyl Parathion
	Aqueous/Solid	EPA 8141B	Monocrotophos
	Aqueous/Solid	EPA 8141B	Parathion
	Aqueous/Solid	EPA 8141B	Phorate
	Aqueous/Solid	EPA 8141B	Phosmet
	Aqueous/Solid	EPA 8141B	Terbufos
	Aqueous/Solid	EPA 8151A	2,4,5-T
	Aqueous/Solid	EPA 8151A	2,4,5-TP
	Aqueous/Solid	EPA 8151A	2,4-D
	Aqueous/Solid	EPA 8151A	2,4-DB
	Aqueous/Solid	EPA 8151A	Dalapon
	Aqueous/Solid	EPA 8151A	Dicamba
	Aqueous/Solid	EPA 8151A	Dichloroprop
	Aqueous/Solid	EPA 8151A	Dinoseb
	Aqueous/Solid	EPA 8151A	MCPA
	Aqueous/Solid	EPA 8151A	MCPP
	Aqueous/Solid	EPA 8151A	Pentachlorophenol
	Aqueous/Solid	EPA 8310	Acenaphthene
	Aqueous/Solid	EPA 8310	Acenaphthylene
	Aqueous/Solid	EPA 8310	Anthracene
	Aqueous/Solid	EPA 8310	Benzo(a)anthracene
	Aqueous/Solid	EPA 8310	Benzo(a)pyrene
	Aqueous/Solid	EPA 8310	Benzo(b)fluoranthene
	Aqueous/Solid	EPA 8310	Benzo(g,h,i)perylene
	Aqueous/Solid	EPA 8310	Benzo(k)fluoranthene
	Aqueous/Solid	EPA 8310	Chrysene
	Aqueous/Solid	EPA 8310	Dibenzo(a,h)anthracene
	Aqueous/Solid	EPA 8310	Fluoranthene
	Aqueous/Solid	EPA 8310	Fluorene
	Aqueous/Solid	EPA 8310	Indeno(1,2,3-cd)pyrene
	Aqueous/Solid	EPA 8310	Naphthalene
	Aqueous/Solid	EPA 8310	Phenanthrene
	Aqueous/Solid	EPA 8310	Pyrene
	Aqueous/Solid	EPA 8316	Acrolein
Aqueous/Solid	EPA 8316	Acrylamide	



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Chemical ^F	Aqueous/Solid	EPA 8316	Acrylonitrile
	Aqueous/Solid	EPA 9034	Sulfide
	Aqueous/Solid	TX 1005	>C12-C28
	Aqueous/Solid	TX 1005	>C28-C35
	Aqueous/Solid	TX 1005	C6-C12
	Aqueous/Solid	TX 1005	Total C6-C35

1. The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location. Example: Outside Micrometer^F would mean that the laboratory performs this testing at its fixed location.

