



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 6.0 December 2023 and is accredited in accordance with the:

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

***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:

April 19, 2026

Expiration Date

April 30, 2028

Accreditation No:

71390

Certificate No:

L26-327

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

General Chemistry

| | |
|--|----------|
| EPA 1010A by Pensky-Martens Closed Cup Tester | 10234807 |
| Solid | |
| Ignitability | 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 |
| EPA 420.1 by Colorimetry | 10079400 |
| Aqueous | |
| 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 Electrometric | 10244403 |
| Aqueous | |
| pH | 1900 |
| EPA 9045D by Electrometric | 10244607 |
| Solid | |
| pH (Corrosivity) | 1625 |
| SM 2340B (2011) by Inductively Coupled Plasma Optical Emission Spectrometry (ICP/OES) | 20046417 |
| Aqueous | |
| Hardness (Total, as CaCO ₃ , By Calculation) | 1755 |

Inorganic

| | |
|--|----------|
| EPA 200.7 by Inductively Coupled Plasma Optical Emission Spectrometry (ICP/OES) | 10013806 |
| Aqueous | |
| Aluminum | 1000 |



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Inorganic

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

Aqueous

| | |
|---------------------|------|
| Antimony | 1005 |
| Arsenic | 1010 |
| Barium | 1015 |
| Beryllium | 1020 |
| 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 | 1145 |
| 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 |



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Inorganic

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



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Code

Inorganic

EPA 6010C by Inductively Coupled Plasma Optical Emission Spectrometry (ICP/OES) 10155905

Aqueous

| | |
|-------------------------------|------|
| Aluminum | 1000 |
| Antimony | 1005 |
| Arsenic | 1010 |
| Barium | 1015 |
| Beryllium | 1020 |
| 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 | 1145 |
| 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 |



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Code

Inorganic

EPA 6010C by Inductively Coupled Plasma Optical Emission Spectrometry (ICP/OES) 10155905

Solid

| | |
|-------------------------------|------|
| Beryllium | 1020 |
| 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 | 1145 |
| 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 |



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Code

Inorganic

EPA 6020A by Inductively Coupled Plasma Mass Spectrometry (ICP/MS) 10156420

Aqueous

| | |
|------------|------|
| 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 |

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 |



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| | Code |
|--|----------|
| Inorganic | |
| EPA 6020A by Inductively Coupled Plasma Mass Spectrometry (ICP/MS) | 10156420 |
| Solid | |
| Sodium | 1155 |
| Thallium | 1165 |
| Vanadium | 1185 |
| Zinc | 1190 |
| 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 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 |



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Code

Inorganic

| | |
|---|----------|
| SM 3500 Cr B (2011) by Colorimetry | 20066017 |
| Aqueous | |
| Hexavalent Chromium (Cr VI) | 1045 |

Organic

| | |
|---|----------|
| EPA 1633A by Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS) | 10123474 |
| 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-Perfluorodecanoic Acid (7:3 FTCA, 3-Perfluoroheptyl Propanoic Acid) | 9340 |
| 2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA) | 9338 |
| 4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA, 4,4,5,5,6,3-Perfluoropropyl Propanoic Acid, 3-Perfluoropropyl Propanoic Acid) | 9353 |
| 4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA) | 6951 |
| 9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9-Cl-PF3ONS) | 6952 |
| Hexafluoropropylene Oxide Dimer Acid (HFPO-DA) – GenX | 9460 |
| n-Ethylperfluorooctane Sulfonamide (EtFOSA, NEtFOSA) | 9395 |
| n-Ethylperfluorooctane sulfonamido Acetic Acid (EtFOSAA, NEtFOSAA) | 4846 |
| N-Ethylperfluorooctane Sulfonamido Ethanol (EtFOSE, NEtFOSE) | 9431 |
| n-Methylperfluorooctane Sulfonamido Acetic Acid (MeFOSAA, NMeFOSAA) | 4847 |
| N-Methylperfluorooctane Sulfonamido Ethanol (MeFOSE, NMeFOSE) | 6949 |
| N-methylperfluorooctanesulfonamide (MeFOSA, NMeFOSA) | 9433 |
| Nonafluoro-3,6-dioxaheptanoic Acid (NFDHA) | 6956 |
| Perfluoro(2-ethoxyethane)sulfonic Acid (PFEEESA) | 6957 |
| Perfluoro-3-Methoxypropanoic Acid (PFMPA) | 6965 |
| Perfluoro-4-Methoxybutanoic Acid (PFMBA) | 6966 |
| Perfluorobutane Sulfonic Acid (PFBS) | 6918 |
| Perfluorobutanoic Acid (PFBA) | 6915 |
| Perfluorodecane Sulfonic Acid (PFDS) | 6920 |
| Perfluorodecanoic Acid (PFDA) | 6905 |
| Perfluorododecane Sulfonic Acid (PFDoS) | 6923 |
| Perfluorododecanoic Acid (PFDoA) | 6903 |
| Perfluoroheptane Sulfonic Acid (PFHpS) | 9470 |
| Perfluoroheptanoic Acid (PFHpA) | 6908 |
| Perfluorohexane Sulfonic Acid (PFHxS) | 6927 |
| Perfluorohexanoic Acid (PFHxA) | 6913 |
| Perfluorononane Sulfonic Acid (PFNS) | 6929 |



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Organic

EPA 1633A by Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)

10123474

Aqueous

| | |
|---|------|
| Perfluorononanoic Acid (PFNA) | 6906 |
| Perfluorooctane Sulfonamide (PFOSA, PFOSAm) | 6917 |
| Perfluorooctane Sulfonic Acid (PFOS) | 6931 |
| Perfluorooctanoic Acid (PFOA) | 6912 |
| Perfluoropentane Sulfonic Acid (PFPeS) | 6934 |
| Perfluoropentanoic Acid (PFPeA) | 6914 |
| Perfluorotetradecanoic Acid (PFTDA, PFTeDA) | 6902 |
| Perfluorotridecanoic Acid (PFTrDA) | 9563 |
| Perfluoroundecanoic Acid (PFUnA, PFUnDA) | 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-Perfluorodecanoic Acid (7:3 FTCA, 3-Perfluoroheptyl Propanoic Acid) | 9340 |
| 2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA) | 9338 |
| 4,4,5,5,6,6,6-Heptafluorohexanoi Acid (3:3 FTCA, 4,4,5,5,6,3-Perfluoropropyl Propanoic Acid, 3-Perfluoropropyl Propanoic Acid) | 9353 |
| 4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA) | 6951 |
| 9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9-Cl-PF3ONS) | 6952 |
| Hexafluoropropylene Oxide Dimer Acid (HFPO-DA) – GenX | 9460 |
| n-Ethylperfluorooctane Sulfonamide (EtFOSA, NEtFOSA) | 9395 |
| n-Ethylperfluorooctane sulfonamido Acetic Acid (EtFOSAA, NEtFOSAA) | 4846 |
| N-Ethylperfluorooctane Sulfonamido Ethanol (EtFOSE, NEtFOSE) | 9431 |
| n-Methylperfluorooctane Sulfonamido Acetic Acid (MeFOSAA, NMeFOSAA) | 4847 |
| N-Methylperfluorooctane Sulfonamido Ethanol (MeFOSE, NMeFOSE) | 6949 |
| N-methylperfluorooctanesulfonamide (MeFOSA, NMeFOSA) | 9433 |
| Nonafluoro-3,6-dioxaheptanoic Acid (NFDHA) | 6956 |
| Perfluoro(2-ethoxyethane)sulfonic Acid (PFEEESA) | 6957 |
| Perfluoro-3-Methoxypropanoic Acid (PFMPA) | 6965 |
| Perfluoro-4-Methoxybutanoic Acid (PFMBA) | 6966 |
| Perfluorobutane Sulfonic Acid (PFBS) | 6918 |
| Perfluorobutanoic Acid (PFBA) | 6915 |
| Perfluorodecane Sulfonic Acid (PFDS) | 6920 |
| Perfluorodecanoic Acid (PFDA) | 6905 |
| Perfluorododecane Sulfonic Acid (PFDoS) | 6923 |



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Organic

EPA 1633A by Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)

10123474

Solid

| | |
|---|------|
| Perfluorododecanoic Acid (PFDoA) | 6903 |
| Perfluoroheptane Sulfonic Acid (PFHpS) | 9470 |
| Perfluoroheptanoic Acid (PFHpA) | 6908 |
| Perfluorohexane Sulfonic Acid (PFHxS) | 6927 |
| Perfluorohexanoic Acid (PFHxA) | 6913 |
| Perfluorononane Sulfonic Acid (PFNS) | 6929 |
| Perfluorononanoic Acid (PFNA) | 6906 |
| Perfluorooctane Sulfonamide (PFOSA, PFOSAm) | 6917 |
| Perfluorooctane Sulfonic Acid (PFOS) | 6931 |
| Perfluorooctanoic Acid (PFOA) | 6912 |
| Perfluoropentane Sulfonic Acid (PFPeS) | 6934 |
| Perfluoropentanoic Acid (PFPeA) | 6914 |
| Perfluorotetradecanoic Acid (PFTDA, PFTeDA) | 6902 |
| Perfluorotridecanoic Acid (PFTrDA) | 9563 |
| Perfluoroundecanoic Acid (PFUnA, PFUnDA) | 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 |
| 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 |



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Organic

| | |
|---|----------|
| EPA 608.3 by Gas Chromatography Electron Capture Detector (GC/ECD) | 10296614 |
| Aqueous | |
| Endosulfan Sulfate | 7520 |
| Endrin | 7540 |
| Endrin Aldehyde | 7530 |
| Endrin Ketone | 7535 |
| gamma-BHC (γ -BHC, Lindane, gamma-Hexachlorocyclohexane) | 7120 |
| gamma-Chlordane | 7245 |
| Heptachlor | 7685 |
| Heptachlor Epoxide | 7690 |
| Methoxychlor | 7810 |
| Toxaphene (Chlorinated Camphene) | 8250 |
| EPA 615 by Gas Chromatography Electron Capture Detector (GC/ECD) | 10105609 |
| Aqueous | |
| 2,4,5-T | 8655 |
| 2,4-DB | 8560 |
| 2,4-Dichlorophenoxyacetic Acid (2,4-D) | 8545 |
| Dalapon | 8555 |
| Dicamba | 8595 |
| Dichloroprop (2,4-DP, Dichloroprop, Weedone) | 8605 |
| Dinoseb (2-sec-butyl-4,6-Dinitrophenol, DNBP) | 8620 |
| MCPA | 7775 |
| Silvex (2,4,5-TP) | 8650 |
| 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 (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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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 (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 |
| 4-Chlorotoluene (p-Chlorotoluene) | 4540 |
| 4-Isopropyltoluene (p-Isopropyltoluene, p-Cymene) | 4910 |
| 4-Methyl-2-Pentanone (Methyl Isobutyl Ketone (MIBK), Hexone) | 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 |
| Dichlorodifluoromethane (Freon 12) | 4625 |
| 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 624.1 by Gas Chromatography Mass Spectrometry (GC/MS)

10298121

Aqueous

| | |
|---|------|
| 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 |
| 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 (Perchloroethene, 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 625.1 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 (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 |



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 625.1 by Gas Chromatography Mass Spectrometry (GC/MS)

10300024

Aqueous

| | |
|---|------|
| 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, Dinitro-o-Cresol) | 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-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 |



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

| Organic | Code |
|--|-----------------|
| EPA 625.1 by Gas Chromatography Mass Spectrometry (GC/MS) | 10300024 |
| 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 |
| Fluoranthene | 6265 |
| Fluorene | 6270 |
| 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 |



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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 | |
| 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 |
| 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 (γ -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 |
| 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 |



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

Code

Organic

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

Solid

| | |
|--|------|
| Endosulfan I | 7510 |
| Endosulfan II | 7515 |
| Endosulfan Sulfate | 7520 |
| Endrin | 7540 |
| Endrin Aldehyde | 7530 |
| Endrin Ketone | 7535 |
| gamma-BHC (γ -BHC, Lindane, gamma-Hexachlorocyclohexane) | 7120 |
| gamma-Chlordane | 7245 |
| 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 | 8895 |
| Aroclor 1248 | 8900 |
| Aroclor 1254 | 8905 |
| Aroclor 1260 | 8910 |

Solid

| | |
|--------------|------|
| Aroclor 1016 | 8880 |
| Aroclor 1221 | 8885 |
| Aroclor 1232 | 8890 |
| Aroclor 1242 | 8895 |
| 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-DB | 8560 |
| 2,4-Dichlorophenoxyacetic Acid (2,4-D) | 8545 |
| Dalapon | 8555 |
| Dicamba | 8595 |
| Dichloroprop (2,4-DP) | 8605 |



Certificate of Accreditation: Supplement

A&B Environmental Services, Inc.

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

| | Code |
|---|----------|
| Organic | |
| EPA 8151A by Gas Chromatography Electron Capture Detector (GC/ECD) | 10183207 |
| Aqueous | |
| 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 |
| 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 |



Certificate of Accreditation: Supplement

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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

| | |
|--|------|
| 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-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 |



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

10307003

Aqueous

| | |
|---|------|
| 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-Heptane (1-Heptane, Heptane) | 4825 |
| n-Hexane | 4855 |
| n-Propylbenzene (1-phenylpropane) | 5090 |
| o-Xylene (1,2-Xylene) | 5250 |
| sec-Butylbenzene | 4440 |
| Styrene | 5100 |
| tert-Butylbenzene | 4445 |
| Tetrachloroethene (Perchloroethene, 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 |



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Code

Organic

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

10307003

Solid

| | |
|--|------|
| 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 |
| 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 |



Certificate of Accreditation: Supplement

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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 |
| Solid | |
| 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 |
| 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 |
| Tetrachloroethene (Perchloroethene, 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 |



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

| | |
|---|------|
| 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 |
| 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, Dinitro-o-Cresol) | 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 |



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Code

Organic

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

10186002

Aqueous

| | |
|---|------|
| Benzo(a)Pyrene | 5580 |
| Benzo(b)Fluoranthene | 5585 |
| 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 |



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 | |
| Pyrene | 6665 |
| Pyridine | 5095 |
| Solid | |
| 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 |
| 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, Dinitro-o-Cresol) | 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 |



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Code

Organic

| | |
|--|----------|
| EPA 8270D by Gas Chromatography Mass Spectrometry (GC/MS) | 10186002 |
| Solid | |
| 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 |
| 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 |



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

| | |
|-------------------------|------|
| Pentachlorobenzene | 6590 |
| Pentachlorophenol (PCP) | 6605 |
| Phenanthrene | 6615 |
| Phenol | 6625 |
| Pyrene | 6665 |
| Pyridine | 5095 |

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

10248803

Air

| | |
|---|------|
| 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 |
| 1,2,4-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 |



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 TO-15 by Gas Chromatography Mass Spectrometry (GC/MS) | 10248803 |
| Air | |
| 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 |
| 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 (1-Heptane, Heptane) | 4825 |
| n-Hexane | 4855 |
| o-Xylene (1,2-Xylene) | 5250 |
| Propylene (as Propene) | 4836 |
| Styrene | 5100 |
| Tetrachloroethene (Perchloroethene, 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 |



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

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

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 3546 Microwave Extraction (Organics)

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)