



# State of Louisiana

## DEPARTMENT OF ENVIRONMENTAL QUALITY ENVIRONMENTAL SERVICES

### Read Receipt Requested

**AI No. 93199**  
**Activity No. ACC20180001**  
**LELAP Lab ID # 04040**  
**Accreditation Year FY 2019**  
**Renewal due FY 2020**

Mr. Mark B. Johnston  
A&B Environmental Services Inc  
10100 East Fwy Ste 100  
Houston, Texas 77029-1919

Re: Annual Scope of Accreditation

Dear Mr. Johnston:

The Louisiana Department of Environmental Quality's laboratory accreditation program, in accordance with Louisiana Administrative Code, Title 33, Part I, Subpart 3, Laboratory Accreditation, accredits this laboratory for Fiscal Year 2019. This accreditation does not constitute an endorsement of the suitability of the listed methods for any specific purpose. The laboratory is accredited for the method as identified on the application for accreditation; if the method is partially identified on the application for accreditation, the laboratory is accredited for the versions listed on the current application or referenced in the laboratory standard operating procedure.

National Environmental Laboratory Accreditation Program (NELAP) accreditation is granted **only** for those methods/analytes for which "NELAP" is indicated as the type of accreditation. "STATE" is indicated as the type of accreditation for those methods/analytes for which accreditation by the Louisiana Environmental Laboratory Accreditation Program (LELAP) is granted. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. Accreditation is dependent on the laboratory's successful ongoing compliance with regulations as outlined in the Louisiana Administrative Code, Title 33, Part I, Subpart 3, Laboratory Accreditation, and with the standards adopted by the NELAP Accreditation Council.

The accreditation certificate is the property of the State of Louisiana. Should your accreditation be suspended or revoked, your laboratory must return the certificate of accreditation to the department and delete any electronic copies until your accreditation status is restored.

LAC 33:I.5313.A and/or the 2009 TNI Standard require that the laboratory report include all relevant information. Therefore, the certificate number shall be placed in the upper right corner of all laboratory

reports. If the test report includes results of any test for which the laboratory is not accredited, the unaccredited results must be clearly identified as such.

**We request that you examine the scope of accreditation attachment for accuracy and completeness.** If you find that an analyte for which you expected to be accredited is not listed, please examine your records to ensure that:

1. You have met the requirements for successful participation in proficiency test studies as outlined in LAC 33:I.4711 and in the 2009 TNI Standard.
2. In the case of accreditation by recognition, the requested analyte must be listed for the requested method and matrix on both the certificate issued by the Primary Accreditation Body *and* on the Louisiana application form.

If after reviewing this information, the scope and/or certificate are inaccurate, please notify us immediately.

If you have any questions, please contact your assigned assessor Lily Giles, Environmental Scientist at (225) 219-3268.

Sincerely,



Cheryl Sonnier Nolan  
Administrator  
Public Participation and Permit Support Services Division

13 June 2018  
Date

CSN:PB:lg



STATE OF LOUISIANA  
DEPARTMENT OF ENVIRONMENTAL QUALITY

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



**A&B Environmental Services Inc**  
**10100 East Fwy Ste 100**  
**Houston, Texas 77029-1919**

**Agency Interest No. 93199**  
**Activity No. ACC20180001**

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and agrees to adapt to any changes in the requirements. It also acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I and the 2009 TNI Standard by which the laboratory was assessed. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:1.4711.

Cheryl Sonnier Nolan  
Administrator  
Public Participation and Permit Support Services Division

Issued Date: 13 Jan 2018

Effective Date: **July 1, 2018**  
Expiration Date: **June 30, 2019**  
Certificate Number: **04040**



Effective Date: July 1, 2018

10100 East Fwy Ste 100, Houston, Texas 77029-1919

Certificate Number: 04040

## Air Emissions

Analyte	Method Name	Method Code	Type	AB
5160 - 1,1,1-Trichloroethane	EPA TO-15	10248803	NELAP	TX
5110 - 1,1,2,2-Tetrachloroethane	EPA TO-15	10248803	NELAP	TX
5165 - 1,1,2-Trichloroethane	EPA TO-15	10248803	NELAP	TX
4630 - 1,1-Dichloroethane	EPA TO-15	10248803	NELAP	TX
4640 - 1,1-Dichloroethylene	EPA TO-15	10248803	NELAP	TX
5210 - 1,2,4-Trimethylbenzene	EPA TO-15	10248803	NELAP	TX
4585 - 1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA TO-15	10248803	NELAP	TX
4610 - 1,2-Dichlorobenzene	EPA TO-15	10248803	NELAP	TX
4635 - 1,2-Dichloroethane (Ethylene dichloride)	EPA TO-15	10248803	NELAP	TX
4655 - 1,2-Dichloropropane	EPA TO-15	10248803	NELAP	TX
5215 - 1,3,5-Trimethylbenzene	EPA TO-15	10248803	NELAP	TX
4620 - 1,4-Dichlorobenzene	EPA TO-15	10248803	NELAP	TX
4375 - Benzene	EPA TO-15	10248803	NELAP	TX
4455 - Carbon tetrachloride	EPA TO-15	10248803	NELAP	TX
4475 - Chlorobenzene	EPA TO-15	10248803	NELAP	TX
4485 - Chloroethane (Ethyl chloride)	EPA TO-15	10248803	NELAP	TX
4505 - Chloroform	EPA TO-15	10248803	NELAP	TX
4625 - Dichlorodifluoromethane (Freon-12)	EPA TO-15	10248803	NELAP	TX
4765 - Ethylbenzene	EPA TO-15	10248803	NELAP	TX
4835 - Hexachlorobutadiene	EPA TO-15	10248803	NELAP	TX
4950 - Methyl bromide (Bromomethane)	EPA TO-15	10248803	NELAP	TX
4960 - Methyl chloride (Chloromethane)	EPA TO-15	10248803	NELAP	TX
5115 - Tetrachloroethylene (Perchloroethylene)	EPA TO-15	10248803	NELAP	TX
5140 - Toluene	EPA TO-15	10248803	NELAP	TX
5175 - Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA TO-15	10248803	NELAP	TX
5235 - Vinyl chloride	EPA TO-15	10248803	NELAP	TX
4645 - cis-1,2-Dichloroethylene	EPA TO-15	10248803	NELAP	TX
4680 - cis-1,3-Dichloropropene	EPA TO-15	10248803	NELAP	TX
4685 - trans-1,3-Dichloropropylene	EPA TO-15	10248803	NELAP	TX

## Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1605 - Color	EPA 110.2	10005400	NELAP	TX
1610 - Conductivity	EPA 120.1	10006403	NELAP	TX
1755 - Total hardness as CaCO3	EPA 130.2	10007202	NELAP	TX
1900 - pH	EPA 150.1	10008409	NELAP	TX
1955 - Residue-filterable (TDS)	EPA 160.1	10009208	NELAP	TX
1960 - Residue-nonfilterable (TSS)	EPA 160.2	10009402	NELAP	TX
1950 - Residue-total	EPA 160.3	10010001	NELAP	TX
1970 - Residue-volatile	EPA 160.4	10010409	NELAP	TX
2055 - Turbidity	EPA 180.1	10011606	NELAP	TX
1000 - Aluminum	EPA 200.7, Rev.4.4	10013806	NELAP	TX

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

## Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1005 - Antimony	EPA 200.7, Rev.4.4	10013806	NELAP	TX
1010 - Arsenic	EPA 200.7, Rev.4.4	10013806	NELAP	TX
1015 - Barium	EPA 200.7, Rev.4.4	10013806	NELAP	TX
1020 - Beryllium	EPA 200.7, Rev.4.4	10013806	NELAP	TX
1025 - Boron	EPA 200.7, Rev.4.4	10013806	NELAP	TX
1030 - Cadmium	EPA 200.7, Rev.4.4	10013806	NELAP	TX
1035 - Calcium	EPA 200.7, Rev.4.4	10013806	NELAP	TX
1040 - Chromium	EPA 200.7, Rev.4.4	10013806	NELAP	TX
1050 - Cobalt	EPA 200.7, Rev.4.4	10013806	NELAP	TX
1055 - Copper	EPA 200.7, Rev.4.4	10013806	NELAP	TX
1070 - Iron	EPA 200.7, Rev.4.4	10013806	NELAP	TX
1075 - Lead	EPA 200.7, Rev.4.4	10013806	NELAP	TX
1085 - Magnesium	EPA 200.7, Rev.4.4	10013806	NELAP	TX
1090 - Manganese	EPA 200.7, Rev.4.4	10013806	NELAP	TX
1100 - Molybdenum	EPA 200.7, Rev.4.4	10013806	NELAP	TX
1105 - Nickel	EPA 200.7, Rev.4.4	10013806	NELAP	TX
1125 - Potassium	EPA 200.7, Rev.4.4	10013806	NELAP	TX
1140 - Selenium	EPA 200.7, Rev.4.4	10013806	NELAP	TX
1990 - Silica as SiO2	EPA 200.7, Rev.4.4	10013806	NELAP	TX
1150 - Silver	EPA 200.7, Rev.4.4	10013806	NELAP	TX
1155 - Sodium	EPA 200.7, Rev.4.4	10013806	NELAP	TX
1165 - Thallium	EPA 200.7, Rev.4.4	10013806	NELAP	TX
1180 - Titanium	EPA 200.7, Rev.4.4	10013806	NELAP	TX
1910 - Total Phosphorus	EPA 200.7, Rev.4.4	10013806	NELAP	TX
1185 - Vanadium	EPA 200.7, Rev.4.4	10013806	NELAP	TX
1190 - Zinc	EPA 200.7, Rev.4.4	10013806	NELAP	TX
1000 - Aluminum	EPA 200.8, Rev.5.4	10014605	NELAP	TX
1005 - Antimony	EPA 200.8, Rev.5.4	10014605	NELAP	TX
1010 - Arsenic	EPA 200.8, Rev.5.4	10014605	NELAP	TX
1015 - Barium	EPA 200.8, Rev.5.4	10014605	NELAP	TX
1020 - Beryllium	EPA 200.8, Rev.5.4	10014605	NELAP	TX
1030 - Cadmium	EPA 200.8, Rev.5.4	10014605	NELAP	TX
1040 - Chromium	EPA 200.8, Rev.5.4	10014605	NELAP	TX
1050 - Cobalt	EPA 200.8, Rev.5.4	10014605	NELAP	TX
1055 - Copper	EPA 200.8, Rev.5.4	10014605	NELAP	TX
1070 - Iron	EPA 200.8, Rev.5.4	10014605	NELAP	TX
1075 - Lead	EPA 200.8, Rev.5.4	10014605	NELAP	TX
1090 - Manganese	EPA 200.8, Rev.5.4	10014605	NELAP	TX
1100 - Molybdenum	EPA 200.8, Rev.5.4	10014605	NELAP	TX
1105 - Nickel	EPA 200.8, Rev.5.4	10014605	NELAP	TX
1140 - Selenium	EPA 200.8, Rev.5.4	10014605	NELAP	TX
1150 - Silver	EPA 200.8, Rev.5.4	10014605	NELAP	TX
1165 - Thallium	EPA 200.8, Rev.5.4	10014605	NELAP	TX
1185 - Vanadium	EPA 200.8, Rev.5.4	10014605	NELAP	TX
1190 - Zinc	EPA 200.8, Rev.5.4	10014605	NELAP	TX
1095 - Mercury	EPA 245.1, Rev.3	10036609	NELAP	TX
1540 - Bromide	EPA 300.0	10053006	NELAP	TX
1575 - Chloride	EPA 300.0	10053006	NELAP	TX
1730 - Fluoride	EPA 300.0	10053006	NELAP	TX
1810 - Nitrate as N	EPA 300.0	10053006	NELAP	TX
1820 - Nitrate-Nitrite	EPA 300.0	10053006	NELAP	TX
1840 - Nitrite as N	EPA 300.0	10053006	NELAP	TX
1870 - Orthophosphate as P	EPA 300.0	10053006	NELAP	TX
2000 - Sulfate	EPA 300.0	10053006	NELAP	TX
1505 - Alkalinity as CaCO3	EPA 310.1	10054805	NELAP	TX

A&B Environmental Services Inc

Effective Date: July 1, 2018

Certificate Number: 04040

AI Number: 93199  
Activity No.: ACC20180001  
Expiration Date: June 30, 2019

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## Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1515 - Ammonia as N	EPA 350.3	10064401	NELAP	TX
1795 - Kjeldahl nitrogen - total	EPA 351.4	10066203	NELAP	TX
1825 - Total Nitrate+Nitrite	EPA 353.2	10067206	NELAP	TX
1825 - Total Nitrate+Nitrite	EPA 353.3	10068005	NELAP	TX
1880 - Oxygen, dissolved	EPA 360.1	10069008	NELAP	TX
2005 - Sulfide	EPA 376.2	10074405	NELAP	TX
1530 - Biochemical oxygen demand	EPA 405.1	10075602	NELAP	TX
1555 - Carbonaceous BOD, CBOD	EPA 405.1	10075602	NELAP	TX
1565 - Chemical oxygen demand	EPA 410.4	10077200	NELAP	TX
1905 - Total Phenolics	EPA 420.1	10079400	NELAP	TX
4375 - Benzene	EPA 602	10102202	NELAP	TX
4765 - Ethylbenzene	EPA 602	10102202	NELAP	TX
5000 - Methyl tert-butyl ether (MTBE)	EPA 602	10102202	NELAP	TX
5140 - Toluene	EPA 602	10102202	NELAP	TX
5260 - Xylene (total)	EPA 602	10102202	NELAP	TX
5240 - m+p-xylene	EPA 602	10102202	NELAP	TX
5250 - o-Xylene	EPA 602	10102202	NELAP	TX
7355 - 4,4'-DDD	EPA 608	10103603	NELAP	TX
7360 - 4,4'-DDE	EPA 608	10103603	NELAP	TX
7365 - 4,4'-DDT	EPA 608	10103603	NELAP	TX
7025 - Aldrin	EPA 608	10103603	NELAP	TX
8880 - Aroclor-1016 (PCB-1016)	EPA 608	10103603	NELAP	TX
8885 - Aroclor-1221 (PCB-1221)	EPA 608	10103603	NELAP	TX
8890 - Aroclor-1232 (PCB-1232)	EPA 608	10103603	NELAP	TX
8895 - Aroclor-1242 (PCB-1242)	EPA 608	10103603	NELAP	TX
8900 - Aroclor-1248 (PCB-1248)	EPA 608	10103603	NELAP	TX
8905 - Aroclor-1254 (PCB-1254)	EPA 608	10103603	NELAP	TX
8910 - Aroclor-1260 (PCB-1260)	EPA 608	10103603	NELAP	TX
7250 - Chlordane (tech.)	EPA 608	10103603	NELAP	TX
7470 - Dieldrin	EPA 608	10103603	NELAP	TX
7510 - Endosulfan I	EPA 608	10103603	NELAP	TX
7515 - Endosulfan II	EPA 608	10103603	NELAP	TX
7520 - Endosulfan sulfate	EPA 608	10103603	NELAP	TX
7540 - Endrin	EPA 608	10103603	NELAP	TX
7530 - Endrin aldehyde	EPA 608	10103603	NELAP	TX
7535 - Endrin ketone	EPA 608	10103603	NELAP	TX
7685 - Heptachlor	EPA 608	10103603	NELAP	TX
7690 - Heptachlor epoxide	EPA 608	10103603	NELAP	TX
7810 - Methoxychlor	EPA 608	10103603	NELAP	TX
8250 - Toxaphene (Chlorinated camphene)	EPA 608	10103603	NELAP	TX
7110 - alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 608	10103603	NELAP	TX
7240 - alpha-Chlordane	EPA 608	10103603	NELAP	TX
7115 - beta-BHC (beta-Hexachlorocyclohexane)	EPA 608	10103603	NELAP	TX
7105 - delta-BHC	EPA 608	10103603	NELAP	TX
7120 - gamma-BHC (Lindane, gamma-HexachlorocyclohexaneE)	EPA 608	10103603	NELAP	TX
7245 - gamma-Chlordane	EPA 608	10103603	NELAP	TX
5500 - Acenaphthene	EPA 610	10104402	NELAP	TX
5505 - Acenaphthylene	EPA 610	10104402	NELAP	TX
5555 - Anthracene	EPA 610	10104402	NELAP	TX
5575 - Benz(a)anthracene	EPA 610	10104402	NELAP	TX
5580 - Benzo(a)pyrene	EPA 610	10104402	NELAP	TX
5585 - Benzo(b)fluoranthene	EPA 610	10104402	NELAP	TX

A&B Environmental Services Inc

Effective Date: July 1, 2018

Certificate Number: 04040

AI Number: 93199  
Activity No.: ACC20180001  
Expiration Date: June 30, 2019

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## Non Potable Water

Analyte	Method Name	Method Code	Type	AB
5590 - Benzo(g,h,i)perylene	EPA 610	10104402	NELAP	TX
5600 - Benzo(k)fluoranthene	EPA 610	10104402	NELAP	TX
5855 - Chrysene	EPA 610	10104402	NELAP	TX
5895 - Dibenz(a,h)anthracene	EPA 610	10104402	NELAP	TX
6265 - Fluoranthene	EPA 610	10104402	NELAP	TX
6270 - Fluorene	EPA 610	10104402	NELAP	TX
6315 - Indeno(1,2,3-cd)pyrene	EPA 610	10104402	NELAP	TX
5005 - Naphthalene	EPA 610	10104402	NELAP	TX
6615 - Phenanthrene	EPA 610	10104402	NELAP	TX
6665 - Pyrene	EPA 610	10104402	NELAP	TX
8655 - 2,4,5-T	EPA 615	10105609	NELAP	TX
8545 - 2,4-D	EPA 615	10105609	NELAP	TX
8560 - 2,4-DB	EPA 615	10105609	NELAP	TX
8595 - Dicamba	EPA 615	10105609	NELAP	TX
8605 - Dichloroprop (Dichlorprop)	EPA 615	10105609	NELAP	TX
8620 - Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 615	10105609	NELAP	TX
8650 - Silvex (2,4,5-TP)	EPA 615	10105609	NELAP	TX
5160 - 1,1,1-Trichloroethane	EPA 624	10107207	NELAP	TX
5110 - 1,1,2,2-Tetrachloroethane	EPA 624	10107207	NELAP	TX
5165 - 1,1,2-Trichloroethane	EPA 624	10107207	NELAP	TX
4630 - 1,1-Dichloroethane	EPA 624	10107207	NELAP	TX
4640 - 1,1-Dichloroethylene	EPA 624	10107207	NELAP	TX
4570 - 1,2-Dibromo-3-chloropropane (DBCP)	EPA 624	10107207	NELAP	TX
4585 - 1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 624	10107207	NELAP	TX
4610 - 1,2-Dichlorobenzene	EPA 624	10107207	NELAP	TX
4635 - 1,2-Dichloroethane (Ethylene dichloride)	EPA 624	10107207	NELAP	TX
4655 - 1,2-Dichloropropane	EPA 624	10107207	NELAP	TX
4615 - 1,3-Dichlorobenzene	EPA 624	10107207	NELAP	TX
4620 - 1,4-Dichlorobenzene	EPA 624	10107207	NELAP	TX
4410 - 2-Butanone (Methyl ethyl ketone, MEK)	EPA 624	10107207	NELAP	TX
4500 - 2-Chloroethyl vinyl ether	EPA 624	10107207	NELAP	TX
4315 - Acetone	EPA 624	10107207	NELAP	TX
4325 - Acrolein (Propenal)	EPA 624	10107207	NELAP	TX
4340 - Acrylonitrile	EPA 624	10107207	NELAP	TX
4375 - Benzene	EPA 624	10107207	NELAP	TX
4395 - Bromodichloromethane	EPA 624	10107207	NELAP	TX
4400 - Bromoform	EPA 624	10107207	NELAP	TX
4455 - Carbon tetrachloride	EPA 624	10107207	NELAP	TX
4475 - Chlorobenzene	EPA 624	10107207	NELAP	TX
4575 - Chlorodibromomethane	EPA 624	10107207	NELAP	TX
4485 - Chloroethane (Ethyl chloride)	EPA 624	10107207	NELAP	TX
4505 - Chloroform	EPA 624	10107207	NELAP	TX
4765 - Ethylbenzene	EPA 624	10107207	NELAP	TX
4950 - Methyl bromide (Bromomethane)	EPA 624	10107207	NELAP	TX
4960 - Methyl chloride (Chloromethane)	EPA 624	10107207	NELAP	TX
5000 - Methyl tert-butyl ether (MTBE)	EPA 624	10107207	NELAP	TX
4975 - Methylene chloride (Dichloromethane)	EPA 624	10107207	NELAP	TX
5005 - Naphthalene	EPA 624	10107207	NELAP	TX
5115 - Tetrachloroethylene	EPA 624	10107207	NELAP	TX

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## Non Potable Water

Analyte	Method Name	Method Code	Type	AB
<b>(Perchloroethylene)</b>				
5140 - Toluene	EPA 624	10107207	NELAP	TX
5170 - Trichloroethene (Trichloroethylene)	EPA 624	10107207	NELAP	TX
5175 - Trichlorofluoromethane	EPA 624	10107207	NELAP	TX
<b>(Fluorotrichloromethane, Freon 11)</b>				
5235 - Vinyl chloride	EPA 624	10107207	NELAP	TX
5260 - Xylene (total)	EPA 624	10107207	NELAP	TX
4645 - cis-1,2-Dichloroethylene	EPA 624	10107207	NELAP	TX
4680 - cis-1,3-Dichloropropene	EPA 624	10107207	NELAP	TX
5240 - m+p-xylene	EPA 624	10107207	NELAP	TX
5250 - o-Xylene	EPA 624	10107207	NELAP	TX
4700 - trans-1,2-Dichloroethylene	EPA 624	10107207	NELAP	TX
4685 - trans-1,3-Dichloropropylene	EPA 624	10107207	NELAP	TX
5155 - 1,2,4-Trichlorobenzene	EPA 625	10107401	NELAP	TX
4610 - 1,2-Dichlorobenzene	EPA 625	10107401	NELAP	TX
4615 - 1,3-Dichlorobenzene	EPA 625	10107401	NELAP	TX
4620 - 1,4-Dichlorobenzene	EPA 625	10107401	NELAP	TX
6835 - 2,4,5-Trichlorophenol	EPA 625	10107401	NELAP	TX
6840 - 2,4,6-Trichlorophenol	EPA 625	10107401	NELAP	TX
6000 - 2,4-Dichlorophenol	EPA 625	10107401	NELAP	TX
6130 - 2,4-Dimethylphenol	EPA 625	10107401	NELAP	TX
6175 - 2,4-Dinitrophenol	EPA 625	10107401	NELAP	TX
6185 - 2,4-Dinitrotoluene (2,4-DNT)	EPA 625	10107401	NELAP	TX
6190 - 2,6-Dinitrotoluene (2,6-DNT)	EPA 625	10107401	NELAP	TX
5795 - 2-Chloronaphthalene	EPA 625	10107401	NELAP	TX
5800 - 2-Chlorophenol	EPA 625	10107401	NELAP	TX
6360 - 2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	EPA 625	10107401	NELAP	TX
6400 - 2-Methylphenol (o-Cresol)	EPA 625	10107401	NELAP	TX
6490 - 2-Nitrophenol	EPA 625	10107401	NELAP	TX
5945 - 3,3'-Dichlorobenzidine	EPA 625	10107401	NELAP	TX
5660 - 4-Bromophenyl phenyl ether	EPA 625	10107401	NELAP	TX
5700 - 4-Chloro-3-methylphenol	EPA 625	10107401	NELAP	TX
5825 - 4-Chlorophenyl phenylether	EPA 625	10107401	NELAP	TX
6500 - 4-Nitrophenol	EPA 625	10107401	NELAP	TX
5500 - Acenaphthene	EPA 625	10107401	NELAP	TX
5505 - Acenaphthylene	EPA 625	10107401	NELAP	TX
5555 - Anthracene	EPA 625	10107401	NELAP	TX
5575 - Benz(a)anthracene	EPA 625	10107401	NELAP	TX
5595 - Benzidine	EPA 625	10107401	NELAP	TX
5580 - Benzo(a)pyrene	EPA 625	10107401	NELAP	TX
5585 - Benzo(b)fluoranthene	EPA 625	10107401	NELAP	TX
5590 - Benzo(g,h,i)perylene	EPA 625	10107401	NELAP	TX
5600 - Benzo(k)fluoranthene	EPA 625	10107401	NELAP	TX
5670 - Butyl benzyl phthalate	EPA 625	10107401	NELAP	TX
5855 - Chrysene	EPA 625	10107401	NELAP	TX
5925 - Di-n-butyl phthalate	EPA 625	10107401	NELAP	TX
6200 - Di-n-octyl phthalate	EPA 625	10107401	NELAP	TX
5895 - Dibenz(a,h)anthracene	EPA 625	10107401	NELAP	TX
6070 - Diethyl phthalate	EPA 625	10107401	NELAP	TX
6135 - Dimethyl phthalate	EPA 625	10107401	NELAP	TX
6265 - Fluoranthene	EPA 625	10107401	NELAP	TX
6270 - Fluorene	EPA 625	10107401	NELAP	TX
6275 - Hexachlorobenzene	EPA 625	10107401	NELAP	TX
4835 - Hexachlorobutadiene	EPA 625	10107401	NELAP	TX

A&B Environmental Services Inc

Effective Date: July 1, 2018

Certificate Number: 04040

AI Number: 93199  
Activity No.: ACC20180001  
Expiration Date: June 30, 2019

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## Non Potable Water

Analyte	Method Name	Method Code	Type	AB
6285 - Hexachlorocyclopentadiene	EPA 625	10107401	NELAP	TX
4840 - Hexachloroethane	EPA 625	10107401	NELAP	TX
6315 - Indeno(1,2,3-cd)pyrene	EPA 625	10107401	NELAP	TX
6320 - Isophorone	EPA 625	10107401	NELAP	TX
5005 - Naphthalene	EPA 625	10107401	NELAP	TX
5015 - Nitrobenzene	EPA 625	10107401	NELAP	TX
6605 - Pentachlorophenol	EPA 625	10107401	NELAP	TX
6615 - Phenanthrene	EPA 625	10107401	NELAP	TX
6625 - Phenol	EPA 625	10107401	NELAP	TX
6665 - Pyrene	EPA 625	10107401	NELAP	TX
5095 - Pyridine	EPA 625	10107401	NELAP	TX
5760 - bis(2-Chloroethoxy)methane	EPA 625	10107401	NELAP	TX
5765 - bis(2-Chloroethyl) ether	EPA 625	10107401	NELAP	TX
5780 - bis(2-Chloroisopropyl) ether	EPA 625	10107401	NELAP	TX
6545 - n-Nitrosodi-n-propylamine	EPA 625	10107401	NELAP	TX
6525 - n-Nitrosodiethylamine	EPA 625	10107401	NELAP	TX
6530 - n-Nitrosodimethylamine	EPA 625	10107401	NELAP	TX
6535 - n-Nitrosodiphenylamine	EPA 625	10107401	NELAP	TX
1780 - Ignitability	EPA 1010	10116606	NELAP	TX
1860 - Oil & Grease	EPA 1664A (HEM)	10127807	NELAP	TX
1000 - Aluminum	EPA 6010C	10155803	NELAP	TX
1005 - Antimony	EPA 6010C	10155803	NELAP	TX
1010 - Arsenic	EPA 6010C	10155803	NELAP	TX
1015 - Barium	EPA 6010C	10155803	NELAP	TX
1020 - Beryllium	EPA 6010C	10155803	NELAP	TX
1025 - Boron	EPA 6010C	10155803	NELAP	TX
1030 - Cadmium	EPA 6010C	10155803	NELAP	TX
1035 - Calcium	EPA 6010C	10155803	NELAP	TX
1040 - Chromium	EPA 6010C	10155803	NELAP	TX
1050 - Cobalt	EPA 6010C	10155803	NELAP	TX
1055 - Copper	EPA 6010C	10155803	NELAP	TX
1070 - Iron	EPA 6010C	10155803	NELAP	TX
1075 - Lead	EPA 6010C	10155803	NELAP	TX
1085 - Magnesium	EPA 6010C	10155803	NELAP	TX
1090 - Manganese	EPA 6010C	10155803	NELAP	TX
1100 - Molybdenum	EPA 6010C	10155803	NELAP	TX
1105 - Nickel	EPA 6010C	10155803	NELAP	TX
1125 - Potassium	EPA 6010C	10155803	NELAP	TX
1140 - Selenium	EPA 6010C	10155803	NELAP	TX
1990 - Silica as SiO2	EPA 6010C	10155803	NELAP	TX
1150 - Silver	EPA 6010C	10155803	NELAP	TX
1155 - Sodium	EPA 6010C	10155803	NELAP	TX
1165 - Thallium	EPA 6010C	10155803	NELAP	TX
1180 - Titanium	EPA 6010C	10155803	NELAP	TX
1185 - Vanadium	EPA 6010C	10155803	NELAP	TX
1190 - Zinc	EPA 6010C	10155803	NELAP	TX
1000 - Aluminum	EPA 6020A	10156408	NELAP	TX
1005 - Antimony	EPA 6020A	10156408	NELAP	TX
1010 - Arsenic	EPA 6020A	10156408	NELAP	TX
1015 - Barium	EPA 6020A	10156408	NELAP	TX
1020 - Beryllium	EPA 6020A	10156408	NELAP	TX
1030 - Cadmium	EPA 6020A	10156408	NELAP	TX
1040 - Chromium	EPA 6020A	10156408	NELAP	TX
1050 - Cobalt	EPA 6020A	10156408	NELAP	TX
1055 - Copper	EPA 6020A	10156408	NELAP	TX

A&B Environmental Services Inc

Effective Date: July 1, 2018

Certificate Number: 04040

AI Number: 93199  
Activity No.: ACC20180001  
Expiration Date: June 30, 2019

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## Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1070 - Iron	EPA 6020A	10156408	NELAP	TX
1075 - Lead	EPA 6020A	10156408	NELAP	TX
1090 - Manganese	EPA 6020A	10156408	NELAP	TX
1100 - Molybdenum	EPA 6020A	10156408	NELAP	TX
1105 - Nickel	EPA 6020A	10156408	NELAP	TX
1140 - Selenium	EPA 6020A	10156408	NELAP	TX
1150 - Silver	EPA 6020A	10156408	NELAP	TX
1165 - Thallium	EPA 6020A	10156408	NELAP	TX
1185 - Vanadium	EPA 6020A	10156408	NELAP	TX
1190 - Zinc	EPA 6020A	10156408	NELAP	TX
1095 - Mercury	EPA 7470	10165603	NELAP	TX
4315 - Acetone	EPA 8015C	10173805	NELAP	TX
9369 - Diesel range organics (DRO)	EPA 8015C	10173805	NELAP	TX
9408 - Gasoline range organics (GRO)	EPA 8015C	10173805	NELAP	TX
4375 - Benzene	EPA 8021B	10174808	NELAP	TX
4765 - Ethylbenzene	EPA 8021B	10174808	NELAP	TX
5000 - Methyl tert-butyl ether (MTBE)	EPA 8021B	10174808	NELAP	TX
5140 - Toluene	EPA 8021B	10174808	NELAP	TX
5260 - Xylene (total)	EPA 8021B	10174808	NELAP	TX
5240 - m+p-xylene	EPA 8021B	10174808	NELAP	TX
5250 - o-Xylene	EPA 8021B	10174808	NELAP	TX
7355 - 4,4'-DDD	EPA 8081A	10178606	NELAP	TX
7360 - 4,4'-DDE	EPA 8081A	10178606	NELAP	TX
7365 - 4,4'-DDT	EPA 8081A	10178606	NELAP	TX
7025 - Aldrin	EPA 8081A	10178606	NELAP	TX
7250 - Chlordane (tech.)	EPA 8081A	10178606	NELAP	TX
7470 - Dieldrin	EPA 8081A	10178606	NELAP	TX
7510 - Endosulfan I	EPA 8081A	10178606	NELAP	TX
7515 - Endosulfan II	EPA 8081A	10178606	NELAP	TX
7520 - Endosulfan sulfate	EPA 8081A	10178606	NELAP	TX
7540 - Endrin	EPA 8081A	10178606	NELAP	TX
7530 - Endrin aldehyde	EPA 8081A	10178606	NELAP	TX
7535 - Endrin ketone	EPA 8081A	10178606	NELAP	TX
7685 - Heptachlor	EPA 8081A	10178606	NELAP	TX
7690 - Heptachlor epoxide	EPA 8081A	10178606	NELAP	TX
7810 - Methoxychlor	EPA 8081A	10178606	NELAP	TX
8250 - Toxaphene (Chlorinated camphene)	EPA 8081A	10178606	NELAP	TX
7110 - alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 8081A	10178606	NELAP	TX
7240 - alpha-Chlordane	EPA 8081A	10178606	NELAP	TX
7115 - beta-BHC (beta-Hexachlorocyclohexane)	EPA 8081A	10178606	NELAP	TX
7105 - delta-BHC	EPA 8081A	10178606	NELAP	TX
7120 - gamma-BHC (Lindane, gamma-HexachlorocyclohexaneE)	EPA 8081A	10178606	NELAP	TX
7245 - gamma-Chlordane	EPA 8081A	10178606	NELAP	TX
8880 - Aroclor-1016 (PCB-1016)	EPA 8082	10179007	NELAP	TX
8885 - Aroclor-1221 (PCB-1221)	EPA 8082	10179007	NELAP	TX
8890 - Aroclor-1232 (PCB-1232)	EPA 8082	10179007	NELAP	TX
8895 - Aroclor-1242 (PCB-1242)	EPA 8082	10179007	NELAP	TX
8900 - Aroclor-1248 (PCB-1248)	EPA 8082	10179007	NELAP	TX
8905 - Aroclor-1254 (PCB-1254)	EPA 8082	10179007	NELAP	TX
8910 - Aroclor-1260 (PCB-1260)	EPA 8082	10179007	NELAP	TX
7075 - Azinphos-methyl (Guthion)	EPA 8141B	10182204	NELAP	TX
7300 - Chlorpyrifos	EPA 8141B	10182204	NELAP	TX

A&B Environmental Services Inc

Effective Date: July 1, 2018

Certificate Number: 04040

AI Number: 93199  
Activity No.: ACC20180001  
Expiration Date: June 30, 2019

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## Non Potable Water

Analyte	Method Name	Method Code	Type	AB
7395 - Demeton-o	EPA 8141B	10182204	NELAP	TX
7410 - Diazinon	EPA 8141B	10182204	NELAP	TX
8610 - Dichlorovos (DDVP, Dichlorvos)	EPA 8141B	10182204	NELAP	TX
8625 - Disulfoton	EPA 8141B	10182204	NELAP	TX
7550 - EPN	EPA 8141B	10182204	NELAP	TX
7565 - Ethion	EPA 8141B	10182204	NELAP	TX
7570 - Ethoprop	EPA 8141B	10182204	NELAP	TX
7580 - Famphur	EPA 8141B	10182204	NELAP	TX
7770 - Malathion	EPA 8141B	10182204	NELAP	TX
7825 - Methyl parathion (Parathion, methyl)	EPA 8141B	10182204	NELAP	TX
7880 - Monocrotophos	EPA 8141B	10182204	NELAP	TX
7955 - Parathion, ethyl	EPA 8141B	10182204	NELAP	TX
7985 - Phorate	EPA 8141B	10182204	NELAP	TX
8000 - Phosmet (Imidan)	EPA 8141B	10182204	NELAP	TX
8185 - Terbufos	EPA 8141B	10182204	NELAP	TX
8655 - 2,4,5-T	EPA 8151A	10183207	NELAP	TX
8545 - 2,4-D	EPA 8151A	10183207	NELAP	TX
8560 - 2,4-DB	EPA 8151A	10183207	NELAP	TX
8555 - Dalapon	EPA 8151A	10183207	NELAP	TX
8595 - Dicamba	EPA 8151A	10183207	NELAP	TX
8605 - Dichloroprop (Dichlorprop)	EPA 8151A	10183207	NELAP	TX
8620 - Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 8151A	10183207	NELAP	TX
8650 - Silvex (2,4,5-TP)	EPA 8151A	10183207	NELAP	TX
5105 - 1,1,1,2-Tetrachloroethane	EPA 8260B	10184802	NELAP	TX
5160 - 1,1,1-Trichloroethane	EPA 8260B	10184802	NELAP	TX
5110 - 1,1,2,2-Tetrachloroethane	EPA 8260B	10184802	NELAP	TX
5185 - 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260B	10184802	NELAP	TX
5165 - 1,1,2-Trichloroethane	EPA 8260B	10184802	NELAP	TX
4630 - 1,1-Dichloroethane	EPA 8260B	10184802	NELAP	TX
4640 - 1,1-Dichloroethylene	EPA 8260B	10184802	NELAP	TX
4670 - 1,1-Dichloropropene	EPA 8260B	10184802	NELAP	TX
5150 - 1,2,3-Trichlorobenzene	EPA 8260B	10184802	NELAP	TX
5180 - 1,2,3-Trichloropropane	EPA 8260B	10184802	NELAP	TX
5155 - 1,2,4-Trichlorobenzene	EPA 8260B	10184802	NELAP	TX
5210 - 1,2,4-Trimethylbenzene	EPA 8260B	10184802	NELAP	TX
4570 - 1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260B	10184802	NELAP	TX
4585 - 1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260B	10184802	NELAP	TX
4610 - 1,2-Dichlorobenzene	EPA 8260B	10184802	NELAP	TX
4635 - 1,2-Dichloroethane (Ethylene dichloride)	EPA 8260B	10184802	NELAP	TX
4655 - 1,2-Dichloropropane	EPA 8260B	10184802	NELAP	TX
5215 - 1,3,5-Trimethylbenzene	EPA 8260B	10184802	NELAP	TX
4615 - 1,3-Dichlorobenzene	EPA 8260B	10184802	NELAP	TX
4660 - 1,3-Dichloropropane	EPA 8260B	10184802	NELAP	TX
4620 - 1,4-Dichlorobenzene	EPA 8260B	10184802	NELAP	TX
4735 - 1,4-Dioxane (1,4- Diethyleneoxide)	EPA 8260B	10184802	NELAP	TX
4665 - 2,2-Dichloropropane	EPA 8260B	10184802	NELAP	TX
4410 - 2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260B	10184802	NELAP	TX
4500 - 2-Chloroethyl vinyl ether	EPA 8260B	10184802	NELAP	TX
4535 - 2-Chlorotoluene	EPA 8260B	10184802	NELAP	TX

A&B Environmental Services Inc

Effective Date: July 1, 2018

Certificate Number: 04040

AI Number: 93199  
Activity No.: ACC20180001  
Expiration Date: June 30, 2019

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## Non Potable Water

Analyte	Method Name	Method Code	Type	AB
4860 - 2-Hexanone	EPA 8260B	10184802	NELAP	TX
4540 - 4-Chlorotoluene	EPA 8260B	10184802	NELAP	TX
4910 - 4-Isopropyltoluene (p-Cymene)	EPA 8260B	10184802	NELAP	TX
4995 - 4-Methyl-2-pentanone (MIBK)	EPA 8260B	10184802	NELAP	TX
4315 - Acetone	EPA 8260B	10184802	NELAP	TX
4320 - Acetonitrile	EPA 8260B	10184802	NELAP	TX
4325 - Acrolein (Propenal)	EPA 8260B	10184802	NELAP	TX
4340 - Acrylonitrile	EPA 8260B	10184802	NELAP	TX
4375 - Benzene	EPA 8260B	10184802	NELAP	TX
5635 - Benzyl chloride	EPA 8260B	10184802	NELAP	TX
4385 - Bromobenzene	EPA 8260B	10184802	NELAP	TX
4390 - Bromochloromethane	EPA 8260B	10184802	NELAP	TX
4395 - Bromodichloromethane	EPA 8260B	10184802	NELAP	TX
4400 - Bromoform	EPA 8260B	10184802	NELAP	TX
4450 - Carbon disulfide	EPA 8260B	10184802	NELAP	TX
4455 - Carbon tetrachloride	EPA 8260B	10184802	NELAP	TX
4475 - Chlorobenzene	EPA 8260B	10184802	NELAP	TX
4575 - Chlorodibromomethane	EPA 8260B	10184802	NELAP	TX
4485 - Chloroethane (Ethyl chloride)	EPA 8260B	10184802	NELAP	TX
4505 - Chloroform	EPA 8260B	10184802	NELAP	TX
4595 - Dibromomethane (Methylene bromide)	EPA 8260B	10184802	NELAP	TX
4625 - Dichlorodifluoromethane (Freon-12)	EPA 8260B	10184802	NELAP	TX
4725 - Diethyl ether	EPA 8260B	10184802	NELAP	TX
4745 - Epichlorohydrin (1-Chloro-2,3-epoxypropane)	EPA 8260B	10184802	NELAP	TX
4755 - Ethyl acetate	EPA 8260B	10184802	NELAP	TX
4765 - Ethylbenzene	EPA 8260B	10184802	NELAP	TX
4900 - Isopropylbenzene	EPA 8260B	10184802	NELAP	TX
4950 - Methyl bromide (Bromomethane)	EPA 8260B	10184802	NELAP	TX
4960 - Methyl chloride (Chloromethane)	EPA 8260B	10184802	NELAP	TX
4990 - Methyl methacrylate	EPA 8260B	10184802	NELAP	TX
5000 - Methyl tert-butyl ether (MTBE)	EPA 8260B	10184802	NELAP	TX
4975 - Methylene chloride (Dichloromethane)	EPA 8260B	10184802	NELAP	TX
5005 - Naphthalene	EPA 8260B	10184802	NELAP	TX
5035 - Pentachloroethane	EPA 8260B	10184802	NELAP	TX
5100 - Styrene	EPA 8260B	10184802	NELAP	TX
5115 - Tetrachloroethylene (Perchloroethylene)	EPA 8260B	10184802	NELAP	TX
5140 - Toluene	EPA 8260B	10184802	NELAP	TX
5170 - Trichloroethene (Trichloroethylene)	EPA 8260B	10184802	NELAP	TX
5175 - Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA 8260B	10184802	NELAP	TX
5225 - Vinyl acetate	EPA 8260B	10184802	NELAP	TX
5235 - Vinyl chloride	EPA 8260B	10184802	NELAP	TX
5260 - Xylene (total)	EPA 8260B	10184802	NELAP	TX
4645 - cis-1,2-Dichloroethylene	EPA 8260B	10184802	NELAP	TX
4680 - cis-1,3-Dichloropropene	EPA 8260B	10184802	NELAP	TX
5240 - m+p-xylene	EPA 8260B	10184802	NELAP	TX
4435 - n-Butylbenzene	EPA 8260B	10184802	NELAP	TX
5090 - n-Propylbenzene	EPA 8260B	10184802	NELAP	TX
5250 - o-Xylene	EPA 8260B	10184802	NELAP	TX
4440 - sec-Butylbenzene	EPA 8260B	10184802	NELAP	TX
4445 - tert-Butylbenzene	EPA 8260B	10184802	NELAP	TX

A&B Environmental Services Inc

Effective Date: July 1, 2018

Certificate Number: 04040

AI Number: 93199  
Activity No.: ACC20180001  
Expiration Date: June 30, 2019

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## Non Potable Water

Analyte	Method Name	Method Code	Type	AB
4700 - trans-1,2-Dichloroethylene	EPA 8260B	10184802	NELAP	TX
4685 - trans-1,3-Dichloropropylene	EPA 8260B	10184802	NELAP	TX
6715 - 1,2,4,5-Tetrachlorobenzene	EPA 8270D	10186002	NELAP	TX
5155 - 1,2,4-Trichlorobenzene	EPA 8270D	10186002	NELAP	TX
4610 - 1,2-Dichlorobenzene	EPA 8270D	10186002	NELAP	TX
4615 - 1,3-Dichlorobenzene	EPA 8270D	10186002	NELAP	TX
4620 - 1,4-Dichlorobenzene	EPA 8270D	10186002	NELAP	TX
5790 - 1-Chloronaphthalene	EPA 8270D	10186002	NELAP	TX
6835 - 2,4,5-Trichlorophenol	EPA 8270D	10186002	NELAP	TX
6840 - 2,4,6-Trichlorophenol	EPA 8270D	10186002	NELAP	TX
6000 - 2,4-Dichlorophenol	EPA 8270D	10186002	NELAP	TX
6130 - 2,4-Dimethylphenol	EPA 8270D	10186002	NELAP	TX
6175 - 2,4-Dinitrophenol	EPA 8270D	10186002	NELAP	TX
6185 - 2,4-Dinitrotoluene (2,4-DNT)	EPA 8270D	10186002	NELAP	TX
6005 - 2,6-Dichlorophenol	EPA 8270D	10186002	NELAP	TX
6190 - 2,6-Dinitrotoluene (2,6-DNT)	EPA 8270D	10186002	NELAP	TX
5795 - 2-Chloronaphthalene	EPA 8270D	10186002	NELAP	TX
5800 - 2-Chlorophenol	EPA 8270D	10186002	NELAP	TX
6360 - 2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	EPA 8270D	10186002	NELAP	TX
6385 - 2-Methylnaphthalene	EPA 8270D	10186002	NELAP	TX
6400 - 2-Methylphenol (o-Cresol)	EPA 8270D	10186002	NELAP	TX
6460 - 2-Nitroaniline	EPA 8270D	10186002	NELAP	TX
6490 - 2-Nitrophenol	EPA 8270D	10186002	NELAP	TX
5945 - 3,3'-Dichlorobenzidine	EPA 8270D	10186002	NELAP	TX
6405 - 3-Methylphenol (m-Cresol)	EPA 8270D	10186002	NELAP	TX
6465 - 3-Nitroaniline	EPA 8270D	10186002	NELAP	TX
5660 - 4-Bromophenyl phenyl ether	EPA 8270D	10186002	NELAP	TX
5700 - 4-Chloro-3-methylphenol	EPA 8270D	10186002	NELAP	TX
5745 - 4-Chloroaniline	EPA 8270D	10186002	NELAP	TX
5825 - 4-Chlorophenyl phenylether	EPA 8270D	10186002	NELAP	TX
6410 - 4-Methylphenol (p-Cresol)	EPA 8270D	10186002	NELAP	TX
6470 - 4-Nitroaniline	EPA 8270D	10186002	NELAP	TX
6500 - 4-Nitrophenol	EPA 8270D	10186002	NELAP	TX
5500 - Acenaphthene	EPA 8270D	10186002	NELAP	TX
5505 - Acenaphthylene	EPA 8270D	10186002	NELAP	TX
5545 - Aniline	EPA 8270D	10186002	NELAP	TX
5555 - Anthracene	EPA 8270D	10186002	NELAP	TX
5575 - Benz(a)anthracene	EPA 8270D	10186002	NELAP	TX
5595 - Benzidine	EPA 8270D	10186002	NELAP	TX
5580 - Benzo(a)pyrene	EPA 8270D	10186002	NELAP	TX
5585 - Benzo(b)fluoranthene	EPA 8270D	10186002	NELAP	TX
5590 - Benzo(g,h,i)perylene	EPA 8270D	10186002	NELAP	TX
5600 - Benzo(k)fluoranthene	EPA 8270D	10186002	NELAP	TX
5610 - Benzoic acid	EPA 8270D	10186002	NELAP	TX
5630 - Benzyl alcohol	EPA 8270D	10186002	NELAP	TX
5670 - Butyl benzyl phthalate	EPA 8270D	10186002	NELAP	TX
5680 - Carbazole	EPA 8270D	10186002	NELAP	TX
5855 - Chrysene	EPA 8270D	10186002	NELAP	TX
5925 - Di-n-butyl phthalate	EPA 8270D	10186002	NELAP	TX
6200 - Di-n-octyl phthalate	EPA 8270D	10186002	NELAP	TX
5895 - Dibenz(a,h)anthracene	EPA 8270D	10186002	NELAP	TX
5905 - Dibenzofuran	EPA 8270D	10186002	NELAP	TX
6070 - Diethyl phthalate	EPA 8270D	10186002	NELAP	TX
6135 - Dimethyl phthalate	EPA 8270D	10186002	NELAP	TX

A&B Environmental Services Inc

Effective Date: July 1, 2018

Certificate Number: 04040

AI Number: 93199  
Activity No.: ACC20180001  
Expiration Date: June 30, 2019

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## Non Potable Water

Analyte	Method Name	Method Code	Type	AB
6265 - Fluoranthene	EPA 8270D	10186002	NELAP	TX
6270 - Fluorene	EPA 8270D	10186002	NELAP	TX
6275 - Hexachlorobenzene	EPA 8270D	10186002	NELAP	TX
4835 - Hexachlorobutadiene	EPA 8270D	10186002	NELAP	TX
6285 - Hexachlorocyclopentadiene	EPA 8270D	10186002	NELAP	TX
4840 - Hexachloroethane	EPA 8270D	10186002	NELAP	TX
6315 - Indeno(1,2,3-cd)pyrene	EPA 8270D	10186002	NELAP	TX
6320 - Isophorone	EPA 8270D	10186002	NELAP	TX
5005 - Naphthalene	EPA 8270D	10186002	NELAP	TX
5015 - Nitrobenzene	EPA 8270D	10186002	NELAP	TX
6605 - Pentachlorophenol	EPA 8270D	10186002	NELAP	TX
6615 - Phenanthrene	EPA 8270D	10186002	NELAP	TX
6625 - Phenol	EPA 8270D	10186002	NELAP	TX
6665 - Pyrene	EPA 8270D	10186002	NELAP	TX
5095 - Pyridine	EPA 8270D	10186002	NELAP	TX
5760 - bis(2-Chloroethoxy)methane	EPA 8270D	10186002	NELAP	TX
5765 - bis(2-Chloroethyl) ether	EPA 8270D	10186002	NELAP	TX
5780 - bis(2-Chloroisopropyl) ether	EPA 8270D	10186002	NELAP	TX
6545 - n-Nitrosodi-n-propylamine	EPA 8270D	10186002	NELAP	TX
6525 - n-Nitrosodiethylamine	EPA 8270D	10186002	NELAP	TX
6530 - n-Nitrosodimethylamine	EPA 8270D	10186002	NELAP	TX
6535 - n-Nitrosodiphenylamine	EPA 8270D	10186002	NELAP	TX
5500 - Acenaphthene	EPA 8310	10187607	NELAP	TX
5505 - Acenaphthylene	EPA 8310	10187607	NELAP	TX
5555 - Anthracene	EPA 8310	10187607	NELAP	TX
5575 - Benz(a)anthracene	EPA 8310	10187607	NELAP	TX
5580 - Benzo(a)pyrene	EPA 8310	10187607	NELAP	TX
5585 - Benzo(b)fluoranthene	EPA 8310	10187607	NELAP	TX
5590 - Benzo(g,h,i)perylene	EPA 8310	10187607	NELAP	TX
5600 - Benzo(k)fluoranthene	EPA 8310	10187607	NELAP	TX
5855 - Chrysene	EPA 8310	10187607	NELAP	TX
5895 - Dibenz(a,h)anthracene	EPA 8310	10187607	NELAP	TX
6265 - Fluoranthene	EPA 8310	10187607	NELAP	TX
6270 - Fluorene	EPA 8310	10187607	NELAP	TX
6315 - Indeno(1,2,3-cd)pyrene	EPA 8310	10187607	NELAP	TX
5005 - Naphthalene	EPA 8310	10187607	NELAP	TX
6615 - Phenanthrene	EPA 8310	10187607	NELAP	TX
6665 - Pyrene	EPA 8310	10187607	NELAP	TX
1510 - Amenable cyanide	EPA 9014	10193803	NELAP	TX
1645 - Total Cyanide	EPA 9014	10193803	NELAP	TX
2045 - Total Organic Halides (TOX)	EPA 9020B	10194408	NELAP	TX
1540 - Bromide	EPA 9056A	10199607	NELAP	TX
1575 - Chloride	EPA 9056A	10199607	NELAP	TX
1730 - Fluoride	EPA 9056A	10199607	NELAP	TX
1810 - Nitrate as N	EPA 9056A	10199607	NELAP	TX
1820 - Nitrate-Nitrite	EPA 9056A	10199607	NELAP	TX
1840 - Nitrite as N	EPA 9056A	10199607	NELAP	TX
1870 - Orthophosphate as P	EPA 9056A	10199607	NELAP	TX
2000 - Sulfate	EPA 9056A	10199607	NELAP	TX
1645 - Total Cyanide	EPA 9213	10206209	NELAP	TX
1900 - pH	EPA 9040C	10244403	NELAP	TX
2040 - Total Organic Carbon	EPA 9060A	10244801	NELAP	TX
1860 - Oil & Grease	EPA 1664A (SGT-HEM)	10261606	NELAP	TX
1990 - Silica as SiO2	SM 4500-Si D	20018206	NELAP	TX
2055 - Turbidity	SM 2130 B, 20th ED	20042404	NELAP	TX

A&B Environmental Services Inc

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## Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1500 - Acidity, as CaCO <sub>3</sub>	SM 2310 B, 20th ED	20044206	NELAP	TX
1505 - Alkalinity as CaCO <sub>3</sub>	SM 2320 B, 20th ED	20045209	NELAP	TX
1755 - Total hardness as CaCO <sub>3</sub>	SM 2340 C, 20th ED	20047205	NELAP	TX
1610 - Conductivity	SM 2510 B, 20th ED	20048208	NELAP	TX
1950 - Residue-total	SM 2540 B, 20th ED	20049007	NELAP	TX
1955 - Residue-filterable (TDS)	SM 2540 C, 20th ED	20050004	NELAP	TX
1960 - Residue-nonfilterable (TSS)	SM 2540 D, 20th ED	20050800	NELAP	TX
1045 - Chromium VI	SM 3500-Cr B, 20th ED	20065809	NELAP	TX
1940 - Total residual chlorine	SM 4500-Cl G, 20th ED	20081203	NELAP	TX
1645 - Total Cyanide	SM 4500-CN <sup>-</sup> C, 20th ED	20091605	NELAP	TX
1645 - Total Cyanide	SM 4500-CN <sup>-</sup> E, 20th ED	20092404	NELAP	TX
1510 - Amenable cyanide	SM 4500-CN <sup>-</sup> G, 20th ED	20093203	NELAP	TX
1730 - Fluoride	SM 4500-F <sup>-</sup> C, 20th ED	20102005	NELAP	TX
1900 - pH	SM 4500-H <sup>+</sup> B, 20th ED	20104807	NELAP	TX
1515 - Ammonia as N	SM 4500-NH <sub>3</sub> D, 20th ED	20109006	NELAP	TX
1795 - Kjeldahl nitrogen - total	SM 4500-NH <sub>3</sub> D, 20th ED	20109006	NELAP	TX
1840 - Nitrite as N	SM 4500-NO <sub>2</sub> <sup>-</sup> B, 20th ED	20112601	NELAP	TX
1820 - Nitrate-Nitrite	SM 4500-NO <sub>3</sub> <sup>-</sup> E, 20th ED	20114403	NELAP	TX
1880 - Oxygen, dissolved	SM 4500-O G, 20th ED	20121204	NELAP	TX
1870 - Orthophosphate as P	SM 4500-P E, 20th ED	20123802	NELAP	TX
1910 - Total Phosphorus	SM 4500-P E, 20th ED	20123802	NELAP	TX
2005 - Sulfide	SM 4500-S <sub>2</sub> <sup>-</sup> D, 20th ED	20125400	NELAP	TX
2005 - Sulfide	SM 4500-S <sub>2</sub> <sup>-</sup> F, 20th ED	20126209	NELAP	TX
2015 - Sulfite-SO <sub>3</sub>	SM 4500-SO <sub>3</sub> <sup>-</sup> B, 19th ED	20130001	NELAP	TX
1530 - Biochemical oxygen demand	SM 5210 B, 20th ED	20134809	NELAP	TX
1555 - Carbonaceous BOD, CBOD	SM 5210 B, 20th ED	20134809	NELAP	TX
1565 - Chemical oxygen demand	SM 5220 D, 20th ED	20136407	NELAP	TX
2040 - Total Organic Carbon	SM 5310 B, 20th ED	20137400	NELAP	TX
2555 - Heterotrophic plate count	SM 9215 B (PCA), 20th ED	20181208	NELAP	TX
2525 - Escherichia coli	SM 9221 E (A1), 20th ED	20195408	NELAP	TX
2530 - Fecal coliforms	SM 9221 E (A1) + C MPN, 20th ED	20196207	NELAP	TX
2500 - Total coliforms	SM 9222 B (M-Endo), 20th ED	20203207	NELAP	TX
2530 - Fecal coliforms	SM 9222 D (m-FC), 20th ED	20209603	NELAP	TX
2525 - Escherichia coli	SM 9223 B Multiple-tube/Multi-well, 20th ED	20215207	NELAP	TX
2520 - Enterococci	SM 9230 C 2a (mE), 20th ED	20218206	NELAP	TX
2540 - Fecal streptococci	SM 9230 C 2c (mE-f), 20th ED	20219209	NELAP	TX
1605 - Color	SM 2120 B, 20th ED	20224004	NELAP	TX
2525 - Escherichia coli	SM 9222 D (FC) + G (NA MUG), 19th ED	20228802	NELAP	TX
2520 - Enterococci	ASTM D6503-99	30032407	NELAP	TX
2050 - Total Petroleum Hydrocarbons (TPH)	TNRCC 1005, Rev.3	90019208	NELAP	TX

## Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
1540 - Bromide	EPA 300.0	10053006	NELAP	TX
1575 - Chloride	EPA 300.0	10053006	NELAP	TX
1730 - Fluoride	EPA 300.0	10053006	NELAP	TX
1810 - Nitrate as N	EPA 300.0	10053006	NELAP	TX
1820 - Nitrate-Nitrite	EPA 300.0	10053006	NELAP	TX
1840 - Nitrite as N	EPA 300.0	10053006	NELAP	TX
1870 - Orthophosphate as P	EPA 300.0	10053006	NELAP	TX

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## Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
2000 - Sulfate	EPA 300.0	10053006	NELAP	TX
1515 - Ammonia as N	EPA 350.3	10064207	NELAP	TX
1466 - Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	10118806	NELAP	TX
1000 - Aluminum	EPA 6010C	10155803	NELAP	TX
1005 - Antimony	EPA 6010C	10155803	NELAP	TX
1010 - Arsenic	EPA 6010C	10155803	NELAP	TX
1015 - Barium	EPA 6010C	10155803	NELAP	TX
1020 - Beryllium	EPA 6010C	10155803	NELAP	TX
1025 - Boron	EPA 6010C	10155803	NELAP	TX
1030 - Cadmium	EPA 6010C	10155803	NELAP	TX
1035 - Calcium	EPA 6010C	10155803	NELAP	TX
1040 - Chromium	EPA 6010C	10155803	NELAP	TX
1050 - Cobalt	EPA 6010C	10155803	NELAP	TX
1055 - Copper	EPA 6010C	10155803	NELAP	TX
1070 - Iron	EPA 6010C	10155803	NELAP	TX
1075 - Lead	EPA 6010C	10155803	NELAP	TX
1085 - Magnesium	EPA 6010C	10155803	NELAP	TX
1090 - Manganese	EPA 6010C	10155803	NELAP	TX
1100 - Molybdenum	EPA 6010C	10155803	NELAP	TX
1105 - Nickel	EPA 6010C	10155803	NELAP	TX
1125 - Potassium	EPA 6010C	10155803	NELAP	TX
1140 - Selenium	EPA 6010C	10155803	NELAP	TX
1990 - Silica as SiO <sub>2</sub>	EPA 6010C	10155803	NELAP	TX
1150 - Silver	EPA 6010C	10155803	NELAP	TX
1155 - Sodium	EPA 6010C	10155803	NELAP	TX
1165 - Thallium	EPA 6010C	10155803	NELAP	TX
1180 - Titanium	EPA 6010C	10155803	NELAP	TX
1910 - Total Phosphorus	EPA 6010C	10155803	NELAP	TX
1185 - Vanadium	EPA 6010C	10155803	NELAP	TX
1190 - Zinc	EPA 6010C	10155803	NELAP	TX
1000 - Aluminum	EPA 6020A	10156408	NELAP	TX
1005 - Antimony	EPA 6020A	10156408	NELAP	TX
1010 - Arsenic	EPA 6020A	10156408	NELAP	TX
1015 - Barium	EPA 6020A	10156408	NELAP	TX
1020 - Beryllium	EPA 6020A	10156408	NELAP	TX
1030 - Cadmium	EPA 6020A	10156408	NELAP	TX
1035 - Calcium	EPA 6020A	10156408	NELAP	TX
1040 - Chromium	EPA 6020A	10156408	NELAP	TX
1050 - Cobalt	EPA 6020A	10156408	NELAP	TX
1055 - Copper	EPA 6020A	10156408	NELAP	TX
1070 - Iron	EPA 6020A	10156408	NELAP	TX
1075 - Lead	EPA 6020A	10156408	NELAP	TX
1085 - Magnesium	EPA 6020A	10156408	NELAP	TX
1090 - Manganese	EPA 6020A	10156408	NELAP	TX
1100 - Molybdenum	EPA 6020A	10156408	NELAP	TX
1105 - Nickel	EPA 6020A	10156408	NELAP	TX
1125 - Potassium	EPA 6020A	10156408	NELAP	TX
1140 - Selenium	EPA 6020A	10156408	NELAP	TX
1150 - Silver	EPA 6020A	10156408	NELAP	TX
1155 - Sodium	EPA 6020A	10156408	NELAP	TX
1165 - Thallium	EPA 6020A	10156408	NELAP	TX
1185 - Vanadium	EPA 6020A	10156408	NELAP	TX
1190 - Zinc	EPA 6020A	10156408	NELAP	TX
1095 - Mercury	EPA 7470	10165603	NELAP	TX

A&B Environmental Services Inc

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## Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
4375 - Benzene	EPA 8021B	10174808	NELAP	TX
4765 - Ethylbenzene	EPA 8021B	10174808	NELAP	TX
5000 - Methyl tert-butyl ether (MTBE)	EPA 8021B	10174808	NELAP	TX
5140 - Toluene	EPA 8021B	10174808	NELAP	TX
5260 - Xylene (total)	EPA 8021B	10174808	NELAP	TX
5240 - m+p-xylene	EPA 8021B	10174808	NELAP	TX
5250 - o-Xylene	EPA 8021B	10174808	NELAP	TX
7355 - 4,4'-DDD	EPA 8081B	10178800	NELAP	TX
7360 - 4,4'-DDE	EPA 8081B	10178800	NELAP	TX
7365 - 4,4'-DDT	EPA 8081B	10178800	NELAP	TX
7025 - Aldrin	EPA 8081B	10178800	NELAP	TX
7470 - Dieldrin	EPA 8081B	10178800	NELAP	TX
7510 - Endosulfan I	EPA 8081B	10178800	NELAP	TX
7515 - Endosulfan II	EPA 8081B	10178800	NELAP	TX
7520 - Endosulfan sulfate	EPA 8081B	10178800	NELAP	TX
7540 - Endrin	EPA 8081B	10178800	NELAP	TX
7530 - Endrin aldehyde	EPA 8081B	10178800	NELAP	TX
7535 - Endrin ketone	EPA 8081B	10178800	NELAP	TX
7685 - Heptachlor	EPA 8081B	10178800	NELAP	TX
7690 - Heptachlor epoxide	EPA 8081B	10178800	NELAP	TX
7810 - Methoxychlor	EPA 8081B	10178800	NELAP	TX
8250 - Toxaphene (Chlorinated camphene)	EPA 8081B	10178800	NELAP	TX
7110 - alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 8081B	10178800	NELAP	TX
7240 - alpha-Chlordane	EPA 8081B	10178800	NELAP	TX
7115 - beta-BHC (beta-Hexachlorocyclohexane)	EPA 8081B	10178800	NELAP	TX
7105 - delta-BHC	EPA 8081B	10178800	NELAP	TX
7120 - gamma-BHC (Lindane, gamma-HexachlorocyclohexaneE)	EPA 8081B	10178800	NELAP	TX
7245 - gamma-Chlordane	EPA 8081B	10178800	NELAP	TX
8880 - Aroclor-1016 (PCB-1016)	EPA 8082A	10179201	NELAP	TX
8885 - Aroclor-1221 (PCB-1221)	EPA 8082A	10179201	NELAP	TX
8890 - Aroclor-1232 (PCB-1232)	EPA 8082A	10179201	NELAP	TX
8895 - Aroclor-1242 (PCB-1242)	EPA 8082A	10179201	NELAP	TX
8900 - Aroclor-1248 (PCB-1248)	EPA 8082A	10179201	NELAP	TX
8905 - Aroclor-1254 (PCB-1254)	EPA 8082A	10179201	NELAP	TX
8910 - Aroclor-1260 (PCB-1260)	EPA 8082A	10179201	NELAP	TX
8870 - PCBs	EPA 8082A	10179201	NELAP	TX
8655 - 2,4,5-T	EPA 8151A	10183207	NELAP	TX
8545 - 2,4-D	EPA 8151A	10183207	NELAP	TX
8560 - 2,4-DB	EPA 8151A	10183207	NELAP	TX
8555 - Dalapon	EPA 8151A	10183207	NELAP	TX
8595 - Dicamba	EPA 8151A	10183207	NELAP	TX
8605 - Dichloroprop (Dichlorprop)	EPA 8151A	10183207	NELAP	TX
8620 - Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 8151A	10183207	NELAP	TX
7775 - MCPA	EPA 8151A	10183207	NELAP	TX
7780 - MCPP	EPA 8151A	10183207	NELAP	TX
8650 - Silvex (2,4,5-TP)	EPA 8151A	10183207	NELAP	TX
6715 - 1,2,4,5-Tetrachlorobenzene	EPA 8270D	10186002	NELAP	TX
5155 - 1,2,4-Trichlorobenzene	EPA 8270D	10186002	NELAP	TX
4610 - 1,2-Dichlorobenzene	EPA 8270D	10186002	NELAP	TX
4615 - 1,3-Dichlorobenzene	EPA 8270D	10186002	NELAP	TX
4620 - 1,4-Dichlorobenzene	EPA 8270D	10186002	NELAP	TX

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## Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
6835 - 2,4,5-Trichlorophenol	EPA 8270D	10186002	NELAP	TX
6840 - 2,4,6-Trichlorophenol	EPA 8270D	10186002	NELAP	TX
6000 - 2,4-Dichlorophenol	EPA 8270D	10186002	NELAP	TX
6130 - 2,4-Dimethylphenol	EPA 8270D	10186002	NELAP	TX
6175 - 2,4-Dinitrophenol	EPA 8270D	10186002	NELAP	TX
6185 - 2,4-Dinitrotoluene (2,4-DNT)	EPA 8270D	10186002	NELAP	TX
6190 - 2,6-Dinitrotoluene (2,6-DNT)	EPA 8270D	10186002	NELAP	TX
5795 - 2-Chloronaphthalene	EPA 8270D	10186002	NELAP	TX
5800 - 2-Chlorophenol	EPA 8270D	10186002	NELAP	TX
6360 - 2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	EPA 8270D	10186002	NELAP	TX
6385 - 2-Methylnaphthalene	EPA 8270D	10186002	NELAP	TX
6400 - 2-Methylphenol (o-Cresol)	EPA 8270D	10186002	NELAP	TX
6460 - 2-Nitroaniline	EPA 8270D	10186002	NELAP	TX
6490 - 2-Nitrophenol	EPA 8270D	10186002	NELAP	TX
5945 - 3,3'-Dichlorobenzidine	EPA 8270D	10186002	NELAP	TX
6405 - 3-Methylphenol (m-Cresol)	EPA 8270D	10186002	NELAP	TX
6465 - 3-Nitroaniline	EPA 8270D	10186002	NELAP	TX
5660 - 4-Bromophenyl phenyl ether	EPA 8270D	10186002	NELAP	TX
5700 - 4-Chloro-3-methylphenol	EPA 8270D	10186002	NELAP	TX
5745 - 4-Chloroaniline	EPA 8270D	10186002	NELAP	TX
5825 - 4-Chlorophenyl phenylether	EPA 8270D	10186002	NELAP	TX
6410 - 4-Methylphenol (p-Cresol)	EPA 8270D	10186002	NELAP	TX
6470 - 4-Nitroaniline	EPA 8270D	10186002	NELAP	TX
6500 - 4-Nitrophenol	EPA 8270D	10186002	NELAP	TX
5500 - Acenaphthene	EPA 8270D	10186002	NELAP	TX
5505 - Acenaphthylene	EPA 8270D	10186002	NELAP	TX
5545 - Aniline	EPA 8270D	10186002	NELAP	TX
5555 - Anthracene	EPA 8270D	10186002	NELAP	TX
5575 - Benz(a)anthracene	EPA 8270D	10186002	NELAP	TX
5595 - Benzidine	EPA 8270D	10186002	NELAP	TX
5580 - Benzo(a)pyrene	EPA 8270D	10186002	NELAP	TX
5585 - Benzo(b)fluoranthene	EPA 8270D	10186002	NELAP	TX
5590 - Benzo(g,h,i)perylene	EPA 8270D	10186002	NELAP	TX
5600 - Benzo(k)fluoranthene	EPA 8270D	10186002	NELAP	TX
5610 - Benzoic acid	EPA 8270D	10186002	NELAP	TX
5630 - Benzyl alcohol	EPA 8270D	10186002	NELAP	TX
5670 - Butyl benzyl phthalate	EPA 8270D	10186002	NELAP	TX
5680 - Carbazole	EPA 8270D	10186002	NELAP	TX
5855 - Chrysene	EPA 8270D	10186002	NELAP	TX
5925 - Di-n-butyl phthalate	EPA 8270D	10186002	NELAP	TX
6200 - Di-n-octyl phthalate	EPA 8270D	10186002	NELAP	TX
5895 - Dibenz(a,h)anthracene	EPA 8270D	10186002	NELAP	TX
5905 - Dibenzofuran	EPA 8270D	10186002	NELAP	TX
6070 - Diethyl phthalate	EPA 8270D	10186002	NELAP	TX
6135 - Dimethyl phthalate	EPA 8270D	10186002	NELAP	TX
6265 - Fluoranthene	EPA 8270D	10186002	NELAP	TX
6270 - Fluorene	EPA 8270D	10186002	NELAP	TX
6275 - Hexachlorobenzene	EPA 8270D	10186002	NELAP	TX
4835 - Hexachlorobutadiene	EPA 8270D	10186002	NELAP	TX
6285 - Hexachlorocyclopentadiene	EPA 8270D	10186002	NELAP	TX
4840 - Hexachloroethane	EPA 8270D	10186002	NELAP	TX
6315 - Indeno(1,2,3-cd)pyrene	EPA 8270D	10186002	NELAP	TX
6320 - Isophorone	EPA 8270D	10186002	NELAP	TX
5005 - Naphthalene	EPA 8270D	10186002	NELAP	TX

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## Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
5015 - Nitrobenzene	EPA 8270D	10186002	NELAP	TX
6590 - Pentachlorobenzene	EPA 8270D	10186002	NELAP	TX
6605 - Pentachlorophenol	EPA 8270D	10186002	NELAP	TX
6615 - Phenanthrene	EPA 8270D	10186002	NELAP	TX
6625 - Phenol	EPA 8270D	10186002	NELAP	TX
6665 - Pyrene	EPA 8270D	10186002	NELAP	TX
5095 - Pyridine	EPA 8270D	10186002	NELAP	TX
5760 - bis(2-Chloroethoxy)methane	EPA 8270D	10186002	NELAP	TX
5765 - bis(2-Chloroethyl) ether	EPA 8270D	10186002	NELAP	TX
5780 - bis(2-Chloroisopropyl) ether	EPA 8270D	10186002	NELAP	TX
6545 - n-Nitrosodi-n-propylamine	EPA 8270D	10186002	NELAP	TX
6530 - n-Nitrosodimethylamine	EPA 8270D	10186002	NELAP	TX
6535 - n-Nitrosodiphenylamine	EPA 8270D	10186002	NELAP	TX
5500 - Acenaphthene	EPA 8310	10187607	NELAP	TX
5505 - Acenaphthylene	EPA 8310	10187607	NELAP	TX
5555 - Anthracene	EPA 8310	10187607	NELAP	TX
5575 - Benz(a)anthracene	EPA 8310	10187607	NELAP	TX
5580 - Benzo(a)pyrene	EPA 8310	10187607	NELAP	TX
5585 - Benzo(b)fluoranthene	EPA 8310	10187607	NELAP	TX
5590 - Benzo(g,h,i)perylene	EPA 8310	10187607	NELAP	TX
5600 - Benzo(k)fluoranthene	EPA 8310	10187607	NELAP	TX
5855 - Chrysene	EPA 8310	10187607	NELAP	TX
5895 - Dibenz(a,h)anthracene	EPA 8310	10187607	NELAP	TX
6265 - Fluoranthene	EPA 8310	10187607	NELAP	TX
6270 - Fluorene	EPA 8310	10187607	NELAP	TX
6315 - Indeno(1,2,3-cd)pyrene	EPA 8310	10187607	NELAP	TX
5005 - Naphthalene	EPA 8310	10187607	NELAP	TX
6615 - Phenanthrene	EPA 8310	10187607	NELAP	TX
6665 - Pyrene	EPA 8310	10187607	NELAP	TX
1635 - Cyanide	EPA 9014	10193803	NELAP	TX
2045 - Total Organic Halides (TOX)	EPA 9020B	10194408	NELAP	TX
2010 - Total Sulfides	EPA 9034	10196006	NELAP	TX
1540 - Bromide	EPA 9056A	10199607	NELAP	TX
1575 - Chloride	EPA 9056A	10199607	NELAP	TX
1730 - Fluoride	EPA 9056A	10199607	NELAP	TX
1810 - Nitrate as N	EPA 9056A	10199607	NELAP	TX
1820 - Nitrate-Nitrite	EPA 9056A	10199607	NELAP	TX
1840 - Nitrite as N	EPA 9056A	10199607	NELAP	TX
1870 - Orthophosphate as P	EPA 9056A	10199607	NELAP	TX
2000 - Sulfate	EPA 9056A	10199607	NELAP	TX
1745 - Free liquid	EPA 9095A	10204203	NELAP	TX
1780 - Ignitability	EPA 1010A	10234807	NELAP	TX
1900 - pH	EPA 9040C	10244403	NELAP	TX
1900 - pH	EPA 9045D	10244607	NELAP	TX
4315 - Acetone	EPA 8015D	10305609	NELAP	TX
4350 - Allyl alcohol	EPA 8015D	10305609	NELAP	TX
9369 - Diesel range organics (DRO)	EPA 8015D	10305609	NELAP	TX
4750 - Ethanol	EPA 8015D	10305609	NELAP	TX
9408 - Gasoline range organics (GRO)	EPA 8015D	10305609	NELAP	TX
4895 - Isopropyl alcohol (2-Propanol, Isopropanol)	EPA 8015D	10305609	NELAP	TX
4930 - Methanol	EPA 8015D	10305609	NELAP	TX
4420 - tert-Butyl alcohol	EPA 8015D	10305609	NELAP	TX
5105 - 1,1,1,2-Tetrachloroethane	EPA 8260C	10307003	NELAP	TX
5160 - 1,1,1-Trichloroethane	EPA 8260C	10307003	NELAP	TX

A&B Environmental Services Inc

Effective Date: July 1, 2018

Certificate Number: 04040

AI Number: 93199  
Activity No.: ACC20180001  
Expiration Date: June 30, 2019

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## Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
5110 - 1,1,2,2-Tetrachloroethane	EPA 8260C	10307003	NELAP	TX
5165 - 1,1,2-Trichloroethane	EPA 8260C	10307003	NELAP	TX
4630 - 1,1-Dichloroethane	EPA 8260C	10307003	NELAP	TX
4640 - 1,1-Dichloroethylene	EPA 8260C	10307003	NELAP	TX
4670 - 1,1-Dichloropropene	EPA 8260C	10307003	NELAP	TX
5150 - 1,2,3-Trichlorobenzene	EPA 8260C	10307003	NELAP	TX
5180 - 1,2,3-Trichloropropane	EPA 8260C	10307003	NELAP	TX
5155 - 1,2,4-Trichlorobenzene	EPA 8260C	10307003	NELAP	TX
5210 - 1,2,4-Trimethylbenzene	EPA 8260C	10307003	NELAP	TX
4570 - 1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260C	10307003	NELAP	TX
4585 - 1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260C	10307003	NELAP	TX
4610 - 1,2-Dichlorobenzene	EPA 8260C	10307003	NELAP	TX
4635 - 1,2-Dichloroethane (Ethylene dichloride)	EPA 8260C	10307003	NELAP	TX
4655 - 1,2-Dichloropropane	EPA 8260C	10307003	NELAP	TX
5215 - 1,3,5-Trimethylbenzene	EPA 8260C	10307003	NELAP	TX
4615 - 1,3-Dichlorobenzene	EPA 8260C	10307003	NELAP	TX
4660 - 1,3-Dichloropropane	EPA 8260C	10307003	NELAP	TX
4620 - 1,4-Dichlorobenzene	EPA 8260C	10307003	NELAP	TX
4665 - 2,2-Dichloropropane	EPA 8260C	10307003	NELAP	TX
4410 - 2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260C	10307003	NELAP	TX
4500 - 2-Chloroethyl vinyl ether	EPA 8260C	10307003	NELAP	TX
4535 - 2-Chlorotoluene	EPA 8260C	10307003	NELAP	TX
4860 - 2-Hexanone	EPA 8260C	10307003	NELAP	TX
4540 - 4-Chlorotoluene	EPA 8260C	10307003	NELAP	TX
4910 - 4-Isopropyltoluene (p-Cymene)	EPA 8260C	10307003	NELAP	TX
4995 - 4-Methyl-2-pentanone (MIBK)	EPA 8260C	10307003	NELAP	TX
4315 - Acetone	EPA 8260C	10307003	NELAP	TX
4320 - Acetonitrile	EPA 8260C	10307003	NELAP	TX
4325 - Acrolein (Propenal)	EPA 8260C	10307003	NELAP	TX
4340 - Acrylonitrile	EPA 8260C	10307003	NELAP	TX
4375 - Benzene	EPA 8260C	10307003	NELAP	TX
5635 - Benzyl chloride	EPA 8260C	10307003	NELAP	TX
4385 - Bromobenzene	EPA 8260C	10307003	NELAP	TX
4390 - Bromochloromethane	EPA 8260C	10307003	NELAP	TX
4395 - Bromodichloromethane	EPA 8260C	10307003	NELAP	TX
4400 - Bromoform	EPA 8260C	10307003	NELAP	TX
4450 - Carbon disulfide	EPA 8260C	10307003	NELAP	TX
4455 - Carbon tetrachloride	EPA 8260C	10307003	NELAP	TX
4475 - Chlorobenzene	EPA 8260C	10307003	NELAP	TX
4575 - Chlorodibromomethane	EPA 8260C	10307003	NELAP	TX
4485 - Chloroethane (Ethyl chloride)	EPA 8260C	10307003	NELAP	TX
4505 - Chloroform	EPA 8260C	10307003	NELAP	TX
4595 - Dibromomethane (Methylene bromide)	EPA 8260C	10307003	NELAP	TX
4625 - Dichlorodifluoromethane (Freon-12)	EPA 8260C	10307003	NELAP	TX
4725 - Diethyl ether	EPA 8260C	10307003	NELAP	TX
4745 - Epichlorohydrin (1-Chloro-2,3-epoxypropane)	EPA 8260C	10307003	NELAP	TX
4755 - Ethyl acetate	EPA 8260C	10307003	NELAP	TX
4765 - Ethylbenzene	EPA 8260C	10307003	NELAP	TX
4900 - Isopropylbenzene	EPA 8260C	10307003	NELAP	TX

A&B Environmental Services Inc

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## Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
4950 - Methyl bromide (Bromomethane)	EPA 8260C	10307003	NELAP	TX
4960 - Methyl chloride (Chloromethane)	EPA 8260C	10307003	NELAP	TX
4990 - Methyl methacrylate	EPA 8260C	10307003	NELAP	TX
5000 - Methyl tert-butyl ether (MTBE)	EPA 8260C	10307003	NELAP	TX
4975 - Methylene chloride (Dichloromethane)	EPA 8260C	10307003	NELAP	TX
5005 - Naphthalene	EPA 8260C	10307003	NELAP	TX
5035 - Pentachloroethane	EPA 8260C	10307003	NELAP	TX
5100 - Styrene	EPA 8260C	10307003	NELAP	TX
5115 - Tetrachloroethylene (Perchloroethylene)	EPA 8260C	10307003	NELAP	TX
5140 - Toluene	EPA 8260C	10307003	NELAP	TX
5170 - Trichloroethene (Trichloroethylene)	EPA 8260C	10307003	NELAP	TX
5175 - Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA 8260C	10307003	NELAP	TX
5225 - Vinyl acetate	EPA 8260C	10307003	NELAP	TX
5235 - Vinyl chloride	EPA 8260C	10307003	NELAP	TX
5260 - Xylene (total)	EPA 8260C	10307003	NELAP	TX
4645 - cis-1,2-Dichloroethylene	EPA 8260C	10307003	NELAP	TX
4680 - cis-1,3-Dichloropropene	EPA 8260C	10307003	NELAP	TX
5240 - m+p-xylene	EPA 8260C	10307003	NELAP	TX
4435 - n-Butylbenzene	EPA 8260C	10307003	NELAP	TX
5090 - n-Propylbenzene	EPA 8260C	10307003	NELAP	TX
5250 - o-Xylene	EPA 8260C	10307003	NELAP	TX
4440 - sec-Butylbenzene	EPA 8260C	10307003	NELAP	TX
4445 - tert-Butylbenzene	EPA 8260C	10307003	NELAP	TX
4700 - trans-1,2-Dichloroethylene	EPA 8260C	10307003	NELAP	TX
4685 - trans-1,3-Dichloropropylene	EPA 8260C	10307003	NELAP	TX
2530 - Fecal coliforms	SM 9221 E (A1) + C MPN, 20th ED	20196207	NELAP	TX
2500 - Total coliforms	SM 9222 B (M-Endo), 20th ED	20203207	NELAP	TX
2530 - Fecal coliforms	SM 9222 D (m-FC), 20th ED	20209603	NELAP	TX
2525 - Escherichia coli	SM 9223 B (Colilert®), 20th ED	20212208	NELAP	TX
2050 - Total Petroleum Hydrocarbons (TPH)	TNRCC 1005, Rev.3	90019208	NELAP	TX

## Biological Tissue

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE