



# Texas Commission on Environmental Quality



## NELAP - Recognized Laboratory Fields of Accreditation

Dallas Water Utilities - PALS Analytical Laboratory  
 1020 Sargent Road, Building #27  
 Dallas, TX 75203-4605

Certificate: T104704532-18-7  
 Expiration Date: 6/30/2019  
 Issue Date: 12/17/2018

These fields of accreditation supercede all previous fields. The Texas Commission on Environmental Quality urges customers to verify the laboratory's current accreditation status for particular methods and analyses.

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### Matrix: *Non-Potable Water*

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**Method** EPA 1010

| Analyte      | AB | Analyte ID | Method ID |
|--------------|----|------------|-----------|
| Ignitability | TX | 1780       | 10116606  |

**Method** EPA 130.1

| Analyte                             | AB | Analyte ID | Method ID |
|-------------------------------------|----|------------|-----------|
| Total hardness as CaCO <sub>3</sub> | TX | 1755       | 10006801  |

**Method** EPA 1664

| Analyte                                   | AB | Analyte ID | Method ID |
|---|----|------------|-----------|
| n-Hexane Extractable Material (HEM) (O&G) | TX | 1803       | 10261617  |

**Method** EPA 200.7

| Analyte    | AB | Analyte ID | Method ID |
|------------|----|------------|-----------|
| Aluminum   | TX | 1000       | 10013806  |
| Antimony   | TX | 1005       | 10013806  |
| Arsenic    | TX | 1010       | 10013806  |
| Barium     | TX | 1015       | 10013806  |
| Beryllium  | TX | 1020       | 10013806  |
| Cadmium    | TX | 1030       | 10013806  |
| Calcium    | TX | 1035       | 10013806  |
| Chromium   | TX | 1040       | 10013806  |
| Cobalt     | TX | 1050       | 10013806  |
| Copper     | TX | 1055       | 10013806  |
| Iron       | TX | 1070       | 10013806  |
| Lead       | TX | 1075       | 10013806  |
| Magnesium  | TX | 1085       | 10013806  |
| Manganese  | TX | 1090       | 10013806  |
| Molybdenum | TX | 1100       | 10013806  |
| Nickel     | TX | 1105       | 10013806  |
| Phosphorus | TX | 1910       | 10013806  |
| Potassium  | TX | 1125       | 10013806  |
| Selenium   | TX | 1140       | 10013806  |
| Silver     | TX | 1150       | 10013806  |



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|           |    |      |          |
|-----------|----|------|----------|
| Sodium    | TX | 1155 | 10013806 |
| Strontium | TX | 1160 | 10013806 |
| Thallium  | TX | 1165 | 10013806 |
| Tin       | TX | 1175 | 10013806 |
| Titanium  | TX | 1180 | 10013806 |
| Vanadium  | TX | 1185 | 10013806 |
| Zinc      | TX | 1190 | 10013806 |

#### Method EPA 300.0

| Analyte      | AB | Analyte ID | Method ID |
|--------------|----|------------|-----------|
| Chloride     | TX | 1575       | 10053200  |
| Nitrate as N | TX | 1810       | 10053200  |
| Sulfate      | TX | 2000       | 10053200  |

#### Method EPA 350.1

| Analyte      | AB | Analyte ID | Method ID |
|--------------|----|------------|-----------|
| Ammonia as N | TX | 1515       | 10063602  |

#### Method EPA 365.1

| Analyte             | AB | Analyte ID | Method ID |
|---------------------|----|------------|-----------|
| Orthophosphate as P | TX | 1870       | 10070005  |

#### Method EPA 624

| Analyte                                  | AB | Analyte ID | Method ID |
|--|----|------------|-----------|
| 1,1,1-Trichloroethane                    | TX | 5160       | 10107207  |
| 1,1,2,2-Tetrachloroethane                | TX | 5110       | 10107207  |
| 1,1,2-Trichloroethane                    | TX | 5165       | 10107207  |
| 1,1-Dichloroethane                       | TX | 4630       | 10107207  |
| 1,1-Dichloroethylene                     | TX | 4640       | 10107207  |
| 1,2-Dichlorobenzene                      | TX | 4610       | 10107207  |
| 1,2-Dichloroethane (Ethylene dichloride) | TX | 4635       | 10107207  |
| 1,2-Dichloropropane                      | TX | 4655       | 10107207  |
| 1,3-Dichlorobenzene                      | TX | 4615       | 10107207  |
| 1,4-Dichlorobenzene                      | TX | 4620       | 10107207  |
| 2-Chloroethyl vinyl ether                | TX | 4500       | 10107207  |



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|   |           |                   |                  |
|---|-----------|-------------------|------------------|
| Acrolein (Propenal)                                       | TX        | 4325              | 10107207         |
| Acrylonitrile   | TX        | 4340              | 10107207         |
| Benzene   | TX        | 4375              | 10107207         |
| Bromodichloromethane                                      | TX        | 4395              | 10107207         |
| Bromoform   | TX        | 4400              | 10107207         |
| Carbon tetrachloride                                      | TX        | 4455              | 10107207         |
| Chlorobenzene   | TX        | 4475              | 10107207         |
| Chlorodibromomethane                                      | TX        | 4575              | 10107207         |
| Chloroethane (Ethyl chloride)                             | TX        | 4485              | 10107207         |
| Chloroform  | TX        | 4505              | 10107207         |
| cis-1,3-Dichloropropene                                   | TX        | 4680              | 10107207         |
| Ethylbenzene  | TX        | 4765              | 10107207         |
| Methyl bromide (Bromomethane)                             | TX        | 4950              | 10107207         |
| Methyl chloride (Chloromethane)                           | TX        | 4960              | 10107207         |
| Methylene chloride (Dichloromethane)                      | TX        | 4975              | 10107207         |
| Naphthalene   | TX        | 5005              | 10107207         |
| Tetrachloroethylene (Perchloroethylene)                   | TX        | 5115              | 10107207         |
| Toluene   | TX        | 5140              | 10107207         |
| Total trihalomethanes                                     | TX        | 5205              | 10107207         |
| trans-1,2-Dichloroethylene                                | TX        | 4700              | 10107207         |
| trans-1,3-Dichloropropylene                               | TX        | 4685              | 10107207         |
| Trichloroethene (Trichloroethylene)                       | TX        | 5170              | 10107207         |
| Trichlorofluoromethane (Fluorotrichloromethane, Freon 11) | TX        | 5175              | 10107207         |
| Vinyl chloride  | TX        | 5235              | 10107207         |
| <b>Method SM 2130 B</b>                                   |           |                   |                  |
| <b>Analyte</b>  | <b>AB</b> | <b>Analyte ID</b> | <b>Method ID</b> |
| Turbidity   | TX        | 2055              | 20042608         |
| <b>Method SM 2320 B</b>                                   |           |                   |                  |
| <b>Analyte</b>  | <b>AB</b> | <b>Analyte ID</b> | <b>Method ID</b> |
| Alkalinity as CaCO3                                       | TX        | 1505              | 20045607         |



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|   |                 |                           |                              |
|---|-----------------|---------------------------|------------------------------|
| <b>Method</b> SM 2340 B                               |                 |                           |                              |
| <b>Analyte</b><br>Total hardness as CaCO <sub>3</sub> | <b>AB</b><br>TX | <b>Analyte ID</b><br>1755 | <b>Method ID</b><br>20046008 |
| <b>Method</b> SM 2540 C                               |                 |                           |                              |
| <b>Analyte</b><br>Residue-filterable (TDS)            | <b>AB</b><br>TX | <b>Analyte ID</b><br>1955 | <b>Method ID</b><br>20050402 |
| <b>Method</b> SM 2540 D                               |                 |                           |                              |
| <b>Analyte</b><br>Residue-nonfilterable (TSS)         | <b>AB</b><br>TX | <b>Analyte ID</b><br>1960 | <b>Method ID</b><br>20051201 |
| <b>Method</b> SM 4500-CN <sup>-</sup> E               |                 |                           |                              |
| <b>Analyte</b><br>Total cyanide                       | <b>AB</b><br>TX | <b>Analyte ID</b><br>1645 | <b>Method ID</b><br>20021209 |
| <b>Method</b> SM 4500-H+ B                            |                 |                           |                              |
| <b>Analyte</b><br>pH                                  | <b>AB</b><br>TX | <b>Analyte ID</b><br>1900 | <b>Method ID</b><br>20105219 |
| <b>Method</b> SM 4500-P E                             |                 |                           |                              |
| <b>Analyte</b><br>Orthophosphate as P                 | <b>AB</b><br>TX | <b>Analyte ID</b><br>1870 | <b>Method ID</b><br>20124214 |
| Phosphorus  | <b>AB</b><br>TX | <b>Analyte ID</b><br>1910 | <b>Method ID</b><br>20124214 |
| <b>Method</b> SM 5210 B                               |                 |                           |                              |
| <b>Analyte</b><br>Biochemical oxygen demand (BOD)     | <b>AB</b><br>TX | <b>Analyte ID</b><br>1530 | <b>Method ID</b><br>20135255 |
| <b>Method</b> SM 5220 D                               |                 |                           |                              |
| <b>Analyte</b><br>Chemical oxygen demand (COD)        | <b>AB</b><br>TX | <b>Analyte ID</b><br>1565 | <b>Method ID</b><br>20136805 |
| <b>Method</b> SM 5310 C                               |                 |                           |                              |
| <b>Analyte</b><br>Total Organic Carbon (TOC)          | <b>AB</b><br>TX | <b>Analyte ID</b><br>2040 | <b>Method ID</b><br>20138812 |