



# Texas Commission on Environmental Quality



## NELAP - Recognized Laboratory Fields of Accreditation

**Chemtex Environmental & Industrial Hygiene Services**

**138 South Cities Service Highway  
Sulphur, LA 70663-6402**

**Certificate: T104704461-17-10**  
**Expiration Date: 2/28/2018**  
**Issue Date: 3/1/2017**

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.

**Matrix: *Air & Emissions***

<b>Method</b> EPA RM 5			
<b>Analyte</b> Particulates	<b>AB</b> LA-DEQ	<b>Analyte ID</b> 3915	<b>Method ID</b> 10404305
<b>Method</b> EPA RM 5B			
<b>Analyte</b> Particulates	<b>AB</b> LA-DEQ	<b>Analyte ID</b> 3915	<b>Method ID</b> 10404509
<b>Method</b> EPA RM 6			
<b>Analyte</b> Sulfur dioxide	<b>AB</b> LA-DEQ	<b>Analyte ID</b> 4010	<b>Method ID</b> 10405206
<b>Method</b> EPA RM 8			
<b>Analyte</b> Sulfur dioxide	<b>AB</b> LA-DEQ	<b>Analyte ID</b> 4010	<b>Method ID</b> 10406005
Sulfuric acid mist, sulfur dioxide	LA-DEQ	4020	10406005



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**Matrix: *Non-Potable Water***

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**Method EPA 1600**

Analyte	AB	Analyte ID	Method ID
Enterococci	LA-DEQ	2520	10257202

**Method EPA 1664**

Analyte	AB	Analyte ID	Method ID
n-Hexane Extractable Material (HEM) (O&G)	LA-DEQ	1803	10127409
Silica Gel Treated n-Hexane Extractable Material (SGT-HEM)	LA-DEQ	10220	10127409

**Method EPA 200.7**

Analyte	AB	Analyte ID	Method ID
Aluminum	LA-DEQ	1000	10013806
Antimony	LA-DEQ	1005	10013806
Arsenic	LA-DEQ	1010	10013806
Barium	LA-DEQ	1015	10013806
Beryllium	LA-DEQ	1020	10013806
Boron	LA-DEQ	1025	10013806
Cadmium	LA-DEQ	1030	10013806
Calcium	LA-DEQ	1035	10013806
Chromium	LA-DEQ	1040	10013806
Cobalt	LA-DEQ	1050	10013806
Copper	LA-DEQ	1055	10013806
Iron	LA-DEQ	1070	10013806
Lead	LA-DEQ	1075	10013806
Magnesium	LA-DEQ	1085	10013806
Manganese	LA-DEQ	1090	10013806
Molybdenum	LA-DEQ	1100	10013806
Nickel	LA-DEQ	1105	10013806
Potassium	LA-DEQ	1125	10013806
Selenium	LA-DEQ	1140	10013806
Silver	LA-DEQ	1150	10013806
Sodium	LA-DEQ	1155	10013806
Strontium	LA-DEQ	1160	10013806



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**Matrix: Non-Potable Water**

Thallium	LA-DEQ	1165	10013806
Titanium	LA-DEQ	1180	10013806
Vanadium	LA-DEQ	1185	10013806
Zinc	LA-DEQ	1190	10013806
<b>Method EPA 245.1</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Mercury	LA-DEQ	1095	10036609
<b>Method EPA 300.0</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Bromide	LA-DEQ	1540	10053200
Chloride	LA-DEQ	1575	10053200
Fluoride	LA-DEQ	1730	10053200
Nitrate as N	LA-DEQ	1810	10053200
Nitrite as N	LA-DEQ	1840	10053200
Orthophosphate as P	LA-DEQ	1870	10053200
Sulfate	LA-DEQ	2000	10053200
<b>Method EPA 365.3</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Orthophosphate as P	LA-DEQ	1870	10070607
Phosphorus	LA-DEQ	1910	10070801
<b>Method EPA 420.1</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Total phenolics	LA-DEQ	1905	10079400
<b>Method HACH 8000</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Chemical oxygen demand (COD)	LA-DEQ	1565	60003001
<b>Method Hach Co. m-ColiBlue24® Test</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Escherichia coli (enumeration)	LA-DEQ	2525	60031007
<b>Method SM 2120 B</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>



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**Matrix: Non-Potable Water**

Color	LA-DEQ	1605	20224004
<b>Method</b> SM 2130 B			
<b>Analyte</b> Turbidity	<b>AB</b> LA-DEQ	<b>Analyte ID</b> 2055	<b>Method ID</b> 20042404
<b>Method</b> SM 2310 B (4a)			
<b>Analyte</b> Acidity, as CaCO <sub>3</sub>	<b>AB</b> LA-DEQ	<b>Analyte ID</b> 1500	<b>Method ID</b> 20044206
<b>Method</b> SM 2320 B			
<b>Analyte</b> Alkalinity as CaCO <sub>3</sub>	<b>AB</b> LA-DEQ	<b>Analyte ID</b> 1505	<b>Method ID</b> 20045209
<b>Method</b> SM 2340 C			
<b>Analyte</b> Total hardness as CaCO <sub>3</sub>	<b>AB</b> LA-DEQ	<b>Analyte ID</b> 1755	<b>Method ID</b> 20047205
<b>Method</b> SM 2510 B			
<b>Analyte</b> Conductivity	<b>AB</b> LA-DEQ	<b>Analyte ID</b> 1610	<b>Method ID</b> 20048208
<b>Method</b> SM 2540 B			
<b>Analyte</b> Residue-total (total solids)	<b>AB</b> LA-DEQ	<b>Analyte ID</b> 1950	<b>Method ID</b> 20049007
<b>Method</b> SM 2540 C			
<b>Analyte</b> Residue-filterable (TDS)	<b>AB</b> LA-DEQ	<b>Analyte ID</b> 1955	<b>Method ID</b> 20050004
<b>Method</b> SM 2540 D			
<b>Analyte</b> Residue-nonfilterable (TSS)	<b>AB</b> LA-DEQ	<b>Analyte ID</b> 1960	<b>Method ID</b> 20050800
<b>Method</b> SM 3500-Cr B			
<b>Analyte</b> Chromium (VI)	<b>AB</b> LA-DEQ	<b>Analyte ID</b> 1045	<b>Method ID</b> 20065809
<b>Method</b> SM 4500-Cl C			
<b>Analyte</b> Chloride	<b>AB</b> LA-DEQ	<b>Analyte ID</b> 1575	<b>Method ID</b> 20078802



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**Matrix: Non-Potable Water**

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<b>Method</b> SM 4500-Cl G			
<b>Analyte</b> Total residual chlorine	<b>AB</b> LA-DEQ	<b>Analyte ID</b> 1940	<b>Method ID</b> 20081203
<b>Method</b> SM 4500-CN <sup>-</sup> C			
<b>Analyte</b> Total cyanide	<b>AB</b> LA-DEQ	<b>Analyte ID</b> 1645	<b>Method ID</b> 20091605
<b>Method</b> SM 4500-CN <sup>-</sup> E			
<b>Analyte</b> Total Cyanide	<b>AB</b> LA-DEQ	<b>Analyte ID</b> 1635	<b>Method ID</b> 20092404
<b>Method</b> SM 4500-CN <sup>-</sup> G			
<b>Analyte</b> Amenable cyanide	<b>AB</b> LA-DEQ	<b>Analyte ID</b> 1510	<b>Method ID</b> 20093203
<b>Method</b> SM 4500-H+ B			
<b>Analyte</b> pH	<b>AB</b> LA-DEQ	<b>Analyte ID</b> 1900	<b>Method ID</b> 20104807
<b>Method</b> SM 4500-NH3 B			
<b>Analyte</b> Ammonia as N	<b>AB</b> LA-DEQ	<b>Analyte ID</b> 1515	<b>Method ID</b> 20105606
<b>Method</b> SM 4500-NH3 C			
<b>Analyte</b> Kjeldahl Nitrogen (Total Kjeldahl Nitrogen-TKN)	<b>AB</b> LA-DEQ	<b>Analyte ID</b> 1790	<b>Method ID</b> 20106405
<b>Method</b> SM 4500-NH3 D			
<b>Analyte</b> Ammonia as N	<b>AB</b> LA-DEQ	<b>Analyte ID</b> 1515	<b>Method ID</b> 20109006
<b>Analyte</b> Kjeldahl Nitrogen (Total Kjeldahl Nitrogen-TKN)	<b>AB</b> LA-DEQ	<b>Analyte ID</b> 1790	<b>Method ID</b> 20109006
<b>Method</b> SM 4500-NO3 E			
<b>Analyte</b> Nitrate-nitrite	<b>AB</b> LA-DEQ	<b>Analyte ID</b> 1820	<b>Method ID</b> 20114403
<b>Method</b> SM 4500-O G			
<b>Analyte</b> Oxygen, dissolved	<b>AB</b> LA-DEQ	<b>Analyte ID</b> 1880	<b>Method ID</b> 20121204



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**Matrix: *Non-Potable Water***

**Method SM 4500-S2<sup>-</sup> D**

**Analyte**  
Sulfide

**AB**  
LA-DEQ

**Analyte ID**  
2005

**Method ID**  
20125400

**Method SM 5210 B**

**Analyte**  
Biochemical oxygen demand (BOD)  
Carbonaceous BOD, CBOD

**AB**  
LA-DEQ  
LA-DEQ

**Analyte ID**  
1530  
1555

**Method ID**  
20134809  
20134809

**Method SM 5310 B**

**Analyte**  
Total Organic Carbon (TOC)

**AB**  
LA-DEQ

**Analyte ID**  
2040

**Method ID**  
20137400

**Method SM 5540 C**

**Analyte**  
Surfactants - MBAS

**AB**  
LA-DEQ

**Analyte ID**  
2025

**Method ID**  
20144609

**Method SM 9222 D**

**Analyte**  
Fecal coliforms (enumeration)

**AB**  
LA-DEQ

**Analyte ID**  
2530

**Method ID**  
20209603



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**Matrix: Solid & Chemical Materials**

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**Method EPA 1010**

Analyte	AB	Analyte ID	Method ID
Ignitability	LA-DEQ	1780	10116606

**Method EPA 1311**

Analyte	AB	Analyte ID	Method ID
TCLP	LA-DEQ	849	10118806

**Method EPA 1312**

Analyte	AB	Analyte ID	Method ID
SPLP	LA-DEQ	850	10119003

**Method EPA 6010**

Analyte	AB	Analyte ID	Method ID
Aluminum	LA-DEQ	1000	10155609
Antimony	LA-DEQ	1005	10155609
Arsenic	LA-DEQ	1010	10155609
Barium	LA-DEQ	1015	10155609
Beryllium	LA-DEQ	1020	10155609
Boron	LA-DEQ	1025	10155609
Cadmium	LA-DEQ	1030	10155609
Calcium	LA-DEQ	1035	10155609
Chromium	LA-DEQ	1040	10155609
Cobalt	LA-DEQ	1050	10155609
Copper	LA-DEQ	1055	10155609
Iron	LA-DEQ	1070	10155609
Lead	LA-DEQ	1075	10155609
Magnesium	LA-DEQ	1085	10155609
Manganese	LA-DEQ	1090	10155609
Molybdenum	LA-DEQ	1100	10155609
Nickel	LA-DEQ	1105	10155609
Potassium	LA-DEQ	1125	10155609
Selenium	LA-DEQ	1140	10155609
Silver	LA-DEQ	1150	10155609



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**Matrix: Solid & Chemical Materials**

Sodium	LA-DEQ	1155	10155609
Strontium	LA-DEQ	1160	10155609
Thallium	LA-DEQ	1165	10155609
Titanium	LA-DEQ	1180	10155609
Vanadium	LA-DEQ	1185	10155609
Zinc	LA-DEQ	1190	10155609
<b>Method EPA 7470</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Mercury	LA-DEQ	1095	10165807
<b>Method EPA 7471</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Mercury	LA-DEQ	1095	10166208
<b>Method EPA 9040</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Corrosivity	LA-DEQ	1615	10196802
pH	LA-DEQ	1900	10196802
<b>Method EPA 9045</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Corrosivity	LA-DEQ	1615	10244607
pH	LA-DEQ	1900	10244607
<b>Method EPA 9056</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Bromide	LA-DEQ	1540	10199607
Chloride	LA-DEQ	1575	10199607
Fluoride	LA-DEQ	1730	10199607
Nitrate as N	LA-DEQ	1810	10199607
Nitrite as N	LA-DEQ	1840	10199607
Orthophosphate as P	LA-DEQ	1870	10199607
Sulfate	LA-DEQ	2000	10199607