



# Texas Commission on Environmental Quality



## NELAP - Recognized Laboratory Fields of Accreditation

San Antonio Water System Environmental Laboratory  
 3610 Valley Road  
 San Antonio, TX 78221-5321

Certificate: T104704324-18-12  
 Expiration Date: 1/31/2019  
 Issue Date: 6/8/2018

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: *Drinking Water*

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#### 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
Boron	TX	1025	10013806
Cadmium	TX	1030	10013806
Chromium	TX	1040	10013806
Cobalt	TX	1050	10013806
Copper	TX	1055	10013806
Iron	TX	1070	10013806
Lead	TX	1075	10013806
Lithium	TX	1080	10013806
Magnesium	TX	1085	10013806
Manganese	TX	1090	10013806
Molybdenum	TX	1100	10013806
Nickel	TX	1105	10013806
Potassium	TX	1125	10013806
Selenium	TX	1140	10013806
Silica as SiO <sub>2</sub>	TX	1990	10013806
Silver	TX	1150	10013806
Sodium	TX	1155	10013806
Strontium	TX	1160	10013806
Thallium	TX	1165	10013806
Vanadium	TX	1185	10013806
Zinc	TX	1190	10013806

#### Method EPA 200.8

Analyte	AB	Analyte ID	Method ID
Aluminum	TX	1000	10014605



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**Matrix: *Drinking Water***

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Antimony	TX	1005	10014605
Arsenic	TX	1010	10014605
Barium	TX	1015	10014605
Beryllium	TX	1020	10014605
Cadmium	TX	1030	10014605
Chromium	TX	1040	10014605
Copper	TX	1055	10014605
Lead	TX	1075	10014605
Lithium	TX	1080	10014605
Manganese	TX	1090	10014605
Nickel	TX	1105	10014605
Selenium	TX	1140	10014605
Silver	TX	1150	10014605
Thallium	TX	1165	10014605
Uranium	TX	3035	10014605
Zinc	TX	1190	10014605

**Method EPA 245.1**

Analyte	AB	Analyte ID	Method ID
Mercury	TX	1095	10036609

**Method EPA 300.0**

Analyte	AB	Analyte ID	Method ID
Chloride	TX	1575	10053200
Fluoride	TX	1730	10053200
Nitrate as N	TX	1810	10053200
Nitrite as N	TX	1840	10053200
Sulfate	TX	2000	10053200

**Method EPA 524.2**

Analyte	AB	Analyte ID	Method ID
1,1,1-Trichloroethane	TX	5160	10088809
1,1,2-Trichloroethane	TX	5165	10088809
1,1-Dichloroethylene	TX	4640	10088809



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**Matrix: *Drinking Water***

1,2,4-Trichlorobenzene	TX	5155	10088809
1,2-Dichlorobenzene	TX	4610	10088809
1,2-Dichloroethane (Ethylene dichloride)	TX	4635	10088809
1,2-Dichloropropane	TX	4655	10088809
1,4-Dichlorobenzene	TX	4620	10088809
Benzene	TX	4375	10088809
Carbon tetrachloride	TX	4455	10088809
Chlorobenzene	TX	4475	10088809
cis-1,2-Dichloroethylene	TX	4645	10088809
Ethylbenzene	TX	4765	10088809
m+p-xylene	TX	5240	10088809
Methylene chloride (Dichloromethane)	TX	4975	10088809
o-Xylene	TX	5250	10088809
Styrene	TX	5100	10088809
Tetrachloroethylene (Perchloroethylene)	TX	5115	10088809
Toluene	TX	5140	10088809
Total trihalomethanes	TX	5205	10088809
trans-1,2-Dichloroethylene	TX	4700	10088809
Trichloroethene (Trichloroethylene)	TX	5170	10088809
Vinyl chloride	TX	5235	10088809
Xylene (total)	TX	5260	10088809

**Method SM 2340 C**

Analyte	AB	Analyte ID	Method ID
Total hardness as CaCO3	TX	1755	20047001

**Method SM 2510 B**

Analyte	AB	Analyte ID	Method ID
Conductivity	TX	1610	20048004

**Method SM 2540 C**

Analyte	AB	Analyte ID	Method ID
Residue-filterable (TDS)	TX	1955	20049803



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### Matrix: *Drinking Water*

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**Method** SM 9215 B

**Analyte**

Heterotrophic plate count

**AB**

TX

**Analyte ID**

2555

**Method ID**

20180001

**Method** SM 9223-IDEXX Laboratories  
Colilert® Test

**Analyte**

Total coliforms and E. coli (P/A)

**AB**

TX

**Analyte ID**

2502

**Method ID**

20212413

**Method** SM 9223-IDEXX Laboratories  
Colilert®-18 Test

**Analyte**

Total coliforms and E. coli (P/A)

**AB**

TX

**Analyte ID**

2502

**Method ID**

20214602



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**Matrix: Non-Potable Water**

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**Method** EPA 1664

Analyte	AB	Analyte ID	Method ID
n-Hexane Extractable Material (HEM) (O&G)	TX	1803	10127807

**Method** EPA 180.1

Analyte	AB	Analyte ID	Method ID
Turbidity	TX	2055	10011606

**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
Boron	TX	1025	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
Lithium	TX	1080	10013806
Magnesium	TX	1085	10013806
Manganese	TX	1090	10013806
Molybdenum	TX	1100	10013806
Nickel	TX	1105	10013806
Potassium	TX	1125	10013806
Selenium	TX	1140	10013806
Silica as SiO2	TX	1990	10013806
Silver	TX	1150	10013806
Sodium	TX	1155	10013806



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**Matrix: Non-Potable Water**

Strontium	TX	1160	10013806
Thallium	TX	1165	10013806
Vanadium	TX	1185	10013806
Zinc	TX	1190	10013806

**Method EPA 200.8**

Analyte	AB	Analyte ID	Method ID
Aluminum	TX	1000	10014605
Antimony	TX	1005	10014605
Arsenic	TX	1010	10014605
Barium	TX	1015	10014605
Beryllium	TX	1020	10014605
Cadmium	TX	1030	10014605
Chromium	TX	1040	10014605
Cobalt	TX	1050	10014605
Copper	TX	1055	10014605
Lead	TX	1075	10014605
Manganese	TX	1090	10014605
Molybdenum	TX	1100	10014605
Nickel	TX	1105	10014605
Selenium	TX	1140	10014605
Silver	TX	1150	10014605
Thallium	TX	1165	10014605
Uranium	TX	3035	10014605
Vanadium	TX	1185	10014605
Zinc	TX	1190	10014605

**Method EPA 245.1**

Analyte	AB	Analyte ID	Method ID
Mercury	TX	1095	10036609

**Method EPA 300.0**

Analyte	AB	Analyte ID	Method ID
Bromide	TX	1540	10053200



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

Chloride	TX	1575	10053200
Fluoride	TX	1730	10053200
Nitrate as N	TX	1810	10053200
Nitrate-nitrite	TX	1820	10053200
Nitrite as N	TX	1840	10053200
Sulfate	TX	2000	10053200
<b>Method EPA 335.4</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Total cyanide	TX	1645	10061402
<b>Method EPA 350.1</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Ammonia as N	TX	1515	10063408
<b>Method EPA 415.1</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Total Organic Carbon (TOC)	TX	2040	10078407
<b>Method EPA 420.1</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Total phenolics	TX	1905	10079400
<b>Method EPA 624</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
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-Dibromoethane (EDB, Ethylene dibromide)	TX	4585	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





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**Matrix: Non-Potable Water**

2-Butanone (Methyl ethyl ketone, MEK)	TX	4410	10107207
2-Chloroethyl vinyl ether	TX	4500	10107207
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
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

**Method Hach Co. m-ColiBlue24® Test**

Analyte	AB	Analyte ID	Method ID
Escherichia coli (enumeration)	TX	2525	60031007

**Method SM 2320 B**

Analyte	AB	Analyte ID	Method ID
Alkalinity as CaCO3	TX	1505	20045005





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**Matrix: Non-Potable Water**

Method	Analyte	AB	Analyte ID	Method ID
SM 2340 B	Total hardness as CaCO3	TX	1755	20046008
SM 2340 C	Total hardness as CaCO3	TX	1755	20047001
SM 2510 B	Conductivity	TX	1610	20048004
SM 2540 B	Residue-total (total solids)	TX	1950	20004608
SM 2540 C	Residue-filterable (TDS)	TX	1955	20049803
SM 3500-Cr B	Chromium (VI)	TX	1045	20065809
SM 4500-H+ B	pH	TX	1900	20104603
SM 4500-NH3 B	Ammonia as N	TX	1515	20022804
SM 4500-NH3 C	Ammonia as N	TX	1515	20023603
	Kjeldahl Nitrogen (Total Kjeldahl Nitrogen-TKN)	TX	1790	20023603
SM 4500-P F	Phosphorus	TX	1910	20026000



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

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<b>Method</b> SM 5210 B			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Biochemical oxygen demand (BOD)	TX	1530	20027401
Carbonaceous BOD, CBOD	TX	1555	20027401
<b>Method</b> SM 5220 D			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Chemical oxygen demand (COD)	TX	1565	20027809
<b>Method</b> SM 9215 B			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Heterotrophic plate count	TX	2555	20180001
<b>Method</b> SM 9222 D			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Fecal coliforms (enumeration)	TX	2530	20037405
<b>Method</b> SM 9223 B			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Escherichia coli (enumeration)	TX	2525	20211205
<b>Method</b> SM 9230 C			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Fecal streptococci	TX	2540	20218002
<b>Method</b> USGS I-3765-85			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Residue-nonfilterable (TSS)	TX	1960	40011209