Texas Commission on Environmental Quality

NELAP-Recognized Laboratory Accreditation is hereby awarded to

USGS National Water Quality Laboratory

Denver Federal Center
Building 95
Denver, CO 80225-0585

in accordance with Texas Water Code Chapter 5, Subchapter R, Title 30 Texas Administrative Code Chapter 25, and the National Environmental Laboratory Accreditation Program.

The laboratory's scope of accreditation includes the fields of accreditation that accompany this certificate. Continued accreditation depends upon successful ongoing participation in the program. The Texas Commission on Environmental Quality urges customers to verify the laboratory's current location(s) and accreditation status for particular methods and analyses (www.tceq.texas.gov/goto/lab). Accreditation does not imply that a product, process, system or person is approved by the Texas Commission on Environmental Quality.

Executive Director Texas Commission on Environmental Quality

Certificate Number: T104704291-14-7
Effective Date: 1/1/2015
Expiration Date: 12/31/2015

Texas Commission on Environmental Quality

NELAP - Recognized Laboratory Fields of Accreditation

Certificate:	T104704291-14-7
Expiration Date:	12/31/2015
Issue Date:	1/1/2015

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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: ***Non-Potable Water***

Method SM 3120 B

Analyte	AB	Analyte ID	Method ID
Potassium	NY	1125	20060600

Method SM 5310 B

Analyte	AB	Analyte ID	Method ID
Total Organic Carbon (TOC)	NY	2040	20137206

Method USGS I-1750-85

Analyte	AB	Analyte ID	Method ID
Residue-filterable (TDS)	NY	1955	40004602

Method USGS I-2057-85

Analyte	AB	Analyte ID	Method ID
Chloride	NY	1575	40005149
Sulfate	NY	2000	40005149

Method USGS I-2601-90

Analyte	AB	Analyte ID	Method ID
Orthophosphate as P	NY	1870	40016000

Method USGS I-3561-85

Analyte	AB	Analyte ID	Method ID
Chemical oxygen demand (COD)	NY	1565	40009607

Method USGS I-3750-85

Analyte	AB	Analyte ID	Method ID
Residue-total (total solids)	NY	1950	40010808

Method USGS I-4464-01

Analyte	AB	Analyte ID	Method ID
Mercury	NY	1095	USGS I-4464-01

Method USGS I-4471-97

Analyte	AB	Analyte ID	Method ID
Aluminum	NY	1000	40018404
Beryllium	NY	1020	40018404
Cadmium	NY	1030	40018404
Calcium	NY	1035	40018404

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Cobalt	NY	1050	40018404
Copper	NY	1055	40018404
Iron	NY	1070	40018404
Magnesium	NY	1085	40018404
Manganese	NY	1090	40018404
Molybdenum	NY	1100	40018404
Nickel	NY	1105	40018404
Silver	NY	1150	40018404
Sodium	NY	1155	40018404
Vanadium	NY	1185	40018404
Zinc	NY	1190	40018404

Method USGS I-4472-97

Analyte	AB	Analyte ID	Method ID
Aluminum	NY	1000	40018459
Antimony	NY	1005	40018459
Barium	NY	1015	40018459
Beryllium	NY	1020	40018459
Cadmium	NY	1030	40018459
Lead	NY	1075	40018459
Manganese	NY	1090	40018459
Molybdenum	NY	1100	40018459
Silver	NY	1150	40018459
Thallium	NY	1165	40018459

Method USGS I-4515-91

Analyte	AB	Analyte ID	Method ID
Kjeldahl nitrogen - total (TKN)	NY	1795	40018802

Method USGS I-4610-91

Analyte	AB	Analyte ID	Method ID
Phosphorus	NY	1910	40019203

Method USGS O-1126-95

Analyte	AB	Analyte ID	Method ID

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4,4'-DDE	NY	7360	40019634
alpha-BHC (alpha-Hexachlorocyclohexane)	NY	7110	40019634
Azinphos-methyl (Guthion)	NY	7075	40019634
Diazinon	NY	7410	40019634
Disulfoton	NY	8625	40019634
Malathion	NY	7770	40019634
Methyl parathion (Parathion, methyl)	NY	7825	40019634
Parathion, ethyl	NY	7955	40019634

Method USGS O-3116-87

Analyte	AB	Analyte ID	Method ID
1,2,4-Trichlorobenzene	NY	5155	40019667
2,4,6-Trichlorophenol	NY	6840	40019667
2,4-Dichlorophenol	NY	6000	40019667
2,4-Dimethylphenol	NY	6130	40019667
2,4-Dinitrophenol	NY	6175	40019667
2,4-Dinitrotoluene (2,4-DNT)	NY	6185	40019667
2,6-Dinitrotoluene (2,6-DNT)	NY	6190	40019667
2-Chloronaphthalene	NY	5795	40019667
2-Chlorophenol	NY	5800	40019667
2-Nitrophenol	NY	6490	40019667
4-Bromophenyl phenyl ether (BDE-3)	NY	5660	40019667
4-Chloro-3-methylphenol	NY	5700	40019667
4-Chlorophenyl phenylether	NY	5825	40019667
Acenaphthene	NY	5500	40019667
Acenaphthylene	NY	5505	40019667
Anthracene	NY	5555	40019667
Benzo(a)anthracene	NY	5575	40019667
Benzo(a)pyrene	NY	5580	40019667
Benzo(b)fluoranthene	NY	5585	40019667
Benzo(g,h,i)perylene	NY	5590	40019667

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

Benzo(k)fluoranthene	NY	5600	40019667
bis(2-Chloroethoxy)methane	NY	5760	40019667
bis(2-Chloroethyl) ether	NY	5765	40019667
bis(2-Chloroisopropyl) ether	NY	5780	40019667
bis(2-Ethylhexyl) phthalate (DEHP)	NY	6255	40019667
Butyl benzyl phthalate	NY	5670	40019667
Chrysene	NY	5855	40019667
Dibenz(a,h) anthracene	NY	5895	40019667
Dimethyl phthalate	NY	6135	40019667
Di-n-butyl phthalate	NY	5925	40019667
Di-n-octyl phthalate	NY	6200	40019667
Fluoranthene	NY	6265	40019667
Hexachlorobenzene	NY	6275	40019667
Indeno(1,2,3-cd) pyrene	NY	6315	40019667
Isophorone	NY	6320	40019667
Naphthalene	NY	5005	40019667
Nitrobenzene	NY	5015	40019667
n-Nitrosodimethylamine	NY	6530	40019667
n-Nitrosodi-n-propylamine	NY	6545	40019667
Phenanthrene	NY	6615	40019667
Phenol	NY	6625	40019667
Pyrene	NY	6665	40019667

Method USGS O-4127-96

Analyte	AB	Analyte ID	Method ID
1,1,1-Trichloroethane	NY	5160	40020153
1,1,2,2-Tetrachloroethane	NY	5110	40020153
1,1,2-Trichloroethane	NY	5165	40020153
1,1-Dichloroethane	NY	4630	40020153
1,1-Dichloroethylene	NY	4640	40020153
1,2-Dichlorobenzene	NY	4610	40020153

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

1,2-Dichloroethane (Ethylene dichloride)	NY	4635	40020153
1,2-Dichloropropane	NY	4655	40020153
1,3-Dichlorobenzene	NY	4615	40020153
1,4-Dichlorobenzene	NY	4620	40020153
Benzene	NY	4375	40020153
Bromodichloromethane	NY	4395	40020153
Bromoform	NY	4400	40020153
Carbon tetrachloride	NY	4455	40020153
Chlorobenzene	NY	4475	40020153
Chlorodibromomethane	NY	4575	40020153
Chloroethane (Ethyl chloride)	NY	4485	40020153
Chloroform	NY	4505	40020153
cis-1,3-Dichloropropene	NY	4680	40020153
Ethylbenzene	NY	4765	40020153
Methylene chloride (Dichloromethane)	NY	4975	40020153
Tetrachloroethylene (Perchloroethylene)	NY	5115	40020153
Toluene	NY	5140	40020153
trans-1,3-Dichloropropylene	NY	4685	40020153
Trichloroethene (Trichloroethylene)	NY	5170	40020153
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	NY	5175	40020153
Vinyl chloride	NY	5235	40020153
Xylene (total)	NY	5260	40020153