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.

Certificate Number: T104704291-12-5
Effective Date: 1/1/2013
Expiration Date: 12/31/2013

Executive Director Texas Commission on Environmental Quality

Texas Commission on Environmental Quality

NELAP - Recognized Laboratory Fields of Accreditation

Certificate:	T104704291-12-5
Expiration Date:	12/31/2013
Issue Date:	1/1/2013

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

Method EPA 1664

Analyte	AB	Analyte ID	Method ID
n-Hexane Extractable Material (HEM) (O&G)	NY	1803	10127409

Method SM 3120 B

Analyte	AB	Analyte ID	Method ID
Potassium	NY	1125	20007403

Method USGS Book 5, Chapter A3, p.14

Analyte	AB	Analyte ID	Method ID
Total Organic Carbon (TOC)	NY	2040	USGS BK 5 A3 P14

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	USGS I-2057-85
Sulfate	NY	2000	USGS I-2057-85

Method USGS I-2545-90

Analyte	AB	Analyte ID	Method ID
Nitrate as N	NY	1810	USGS I-2545-90

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

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

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
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	USGS I-4472-97
Antimony	NY	1005	USGS I-4472-97
Barium	NY	1015	USGS I-4472-97
Beryllium	NY	1020	USGS I-4472-97
Cadmium	NY	1030	USGS I-4472-97
Lead	NY	1075	USGS I-4472-97
Manganese	NY	1090	USGS I-4472-97
Molybdenum	NY	1100	USGS I-4472-97
Silver	NY	1150	USGS I-4472-97
Thallium	NY	1165	USGS I-4472-97

Method USGS I-4515-91

Analyte	AB	Analyte ID	Method ID

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

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
4,4'-DDE	NY	7360	USGS O-1126-95
alpha-BHC (alpha-Hexachlorocyclohexane)	NY	7110	USGS O-1126-95
Azinphos-methyl (Guthion)	NY	7075	USGS O-1126-95
Diazinon	NY	7410	USGS O-1126-95
Disulfoton	NY	8625	USGS O-1126-95
Malathion	NY	7770	USGS O-1126-95
Methyl parathion (Parathion, methyl)	NY	7825	USGS O-1126-95
Parathion, ethyl	NY	7955	USGS O-1126-95

Method USGS O-2060-01

Analyte	AB	Analyte ID	Method ID
2,4-D	NY	8545	USGS O-2060-01
Dicamba	NY	8595	USGS O-2060-01

Method USGS O-3116-87

Analyte	AB	Analyte ID	Method ID
1,2,4-Trichlorobenzene	NY	5155	USGS O-3116-87
2,4,6-Trichlorophenol	NY	6840	USGS O-3116-87
2,4-Dichlorophenol	NY	6000	USGS O-3116-87
2,4-Dimethylphenol	NY	6130	USGS O-3116-87
2,4-Dinitrophenol	NY	6175	USGS O-3116-87
2,4-Dinitrotoluene (2,4-DNT)	NY	6185	USGS O-3116-87
2,6-Dinitrotoluene (2,6-DNT)	NY	6190	USGS O-3116-87
2-Chloronaphthalene	NY	5795	USGS O-3116-87
2-Chlorophenol	NY	5800	USGS O-3116-87
2-Nitrophenol	NY	6490	USGS O-3116-87
4-Bromophenyl phenyl ether (BDE-3)	NY	5660	USGS O-3116-87

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

4-Chloro-3-methylphenol	NY	5700	USGS O-3116-87
4-Chlorophenyl phenylether	NY	5825	USGS O-3116-87
Acenaphthene	NY	5500	USGS O-3116-87
Acenaphthylene	NY	5505	USGS O-3116-87
Anthracene	NY	5555	USGS O-3116-87
Benzo(a)anthracene	NY	5575	USGS O-3116-87
Benzo(a)pyrene	NY	5580	USGS O-3116-87
Benzo(b)fluoranthene	NY	5585	USGS O-3116-87
Benzo(g,h,i)perylene	NY	5590	USGS O-3116-87
Benzo(k)fluoranthene	NY	5600	USGS O-3116-87
bis(2-Chloroethoxy)methane	NY	5760	USGS O-3116-87
bis(2-Chloroethyl) ether	NY	5765	USGS O-3116-87
bis(2-Chloroisopropyl) ether	NY	5780	USGS O-3116-87
bis(2-Ethylhexyl) phthalate (DEHP)	NY	6255	USGS O-3116-87
Butyl benzyl phthalate	NY	5670	USGS O-3116-87
Chrysene	NY	5855	USGS O-3116-87
Dibenz(a,h) anthracene	NY	5895	USGS O-3116-87
Dimethyl phthalate	NY	6135	USGS O-3116-87
Di-n-butyl phthalate	NY	5925	USGS O-3116-87
Di-n-octyl phthalate	NY	6200	USGS O-3116-87
Fluoranthene	NY	6265	USGS O-3116-87
Hexachlorobenzene	NY	6275	USGS O-3116-87
Indeno(1,2,3-cd) pyrene	NY	6315	USGS O-3116-87
Isophorone	NY	6320	USGS O-3116-87
Naphthalene	NY	5005	USGS O-3116-87
Nitrobenzene	NY	5015	USGS O-3116-87
n-Nitrosodimethylamine	NY	6530	USGS O-3116-87
n-Nitrosodi-n-propylamine	NY	6545	USGS O-3116-87
Phenanthrene	NY	6615	USGS O-3116-87
Phenol	NY	6625	USGS O-3116-87

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

Pyrene	NY	6665	USGS O-3116-87

Method USGS O-4127-96

Analyte	AB	Analyte ID	Method ID
1,1,1-Trichloroethane	NY	5160	USGS O-4127-96
1,1,2,2-Tetrachloroethane	NY	5110	USGS O-4127-96
1,1,2-Trichloroethane	NY	5165	USGS O-4127-96
1,1-Dichloroethane	NY	4630	USGS O-4127-96
1,1-Dichloroethylene	NY	4640	USGS O-4127-96
1,2-Dichlorobenzene	NY	4610	USGS O-4127-96
1,2-Dichloroethane (Ethylene dichloride)	NY	4635	USGS O-4127-96
1,2-Dichloropropane	NY	4655	USGS O-4127-96
1,3-Dichlorobenzene	NY	4615	USGS O-4127-96
1,4-Dichlorobenzene	NY	4620	USGS O-4127-96
Benzene	NY	4375	USGS O-4127-96
Bromodichloromethane	NY	4395	USGS O-4127-96
Bromoform	NY	4400	USGS O-4127-96
Carbon tetrachloride	NY	4455	USGS O-4127-96
Chlorobenzene	NY	4475	USGS O-4127-96
Chlorodibromomethane	NY	4575	USGS O-4127-96
Chloroethane (Ethyl chloride)	NY	4485	USGS O-4127-96
Chloroform	NY	4505	USGS O-4127-96
cis-1,3-Dichloropropene	NY	4680	USGS O-4127-96
Ethylbenzene	NY	4765	USGS O-4127-96
Methylene chloride (Dichloromethane)	NY	4975	USGS O-4127-96
Tetrachloroethylene (Perchloroethylene)	NY	5115	USGS O-4127-96
Toluene	NY	5140	USGS O-4127-96
trans-1,3-Dichloropropylene	NY	4685	USGS O-4127-96
Trichloroethene (Trichloroethylene)	NY	5170	USGS O-4127-96
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	NY	5175	USGS O-4127-96
Vinyl chloride	NY	5235	USGS O-4127-96

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

Xylene (total)	NY	5260	USGS O-4127-96