



## Texas Commission on Environmental Quality

NELAP-Recognized Laboratory Accreditation is hereby awarded to



### ALS Environmental, Kelso

1317 South 13th Avenue  
Kelso, WA 98626-2845

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](http://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.

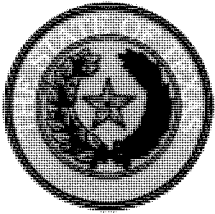
Certificate Number: T104704427-18-13

Effective Date: 10/1/2018

Expiration Date: 9/30/2019

A handwritten signature in black ink, appearing to read "T. G. Baker", written over a horizontal line.

Executive Director Texas Commission on  
Environmental Quality



# Texas Commission on Environmental Quality



## NELAP - Recognized Laboratory Fields of Accreditation

ALS Environmental, Kelso

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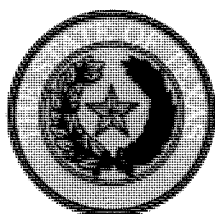
### Matrix: *Biological Tissues*

#### Method EPA 6010

Analyte	AB	Analyte ID	Method ID
Aluminum	OR	1000	10155905
Antimony	OR	1005	10155905
Arsenic	OR	1010	10155905
Barium	OR	1015	10155905
Beryllium	OR	1020	10155905
Boron	OR	1025	10155905
Cadmium	OR	1030	10155905
Chromium	OR	1040	10155905
Cobalt	OR	1050	10155905
Copper	OR	1055	10155905
Iron	OR	1070	10155905
Lead	OR	1075	10155905
Manganese	OR	1090	10155905
Molybdenum	OR	1100	10155905
Nickel	OR	1105	10155905
Selenium	OR	1140	10155905
Silver	OR	1150	10155905
Tin	OR	1175	10155905
Vanadium	OR	1185	10155905
Zinc	OR	1190	10155905

#### Method EPA 6020

Analyte	AB	Analyte ID	Method ID
Aluminum	OR	1000	10156419
Antimony	OR	1005	10156419
Arsenic	OR	1010	10156419
Barium	OR	1015	10156419
Beryllium	OR	1020	10156419
Cadmium	OR	1030	10156419
Chromium	OR	1040	10156419



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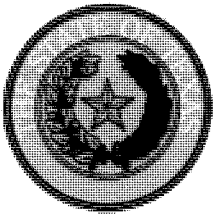
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### Matrix: *Biological Tissues*

Cobalt	OR	1050	10156419
Copper	OR	1055	10156419
Lead	OR	1075	10156419
Manganese	OR	1090	10156419
Nickel	OR	1105	10156419
Selenium	OR	1140	10156419
Silver	OR	1150	10156419
Thallium	OR	1165	10156419
Vanadium	OR	1185	10156419
Zinc	OR	1190	10156419
<b>Method EPA 7471</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Mercury	OR	1095	10166457
<b>Method EPA 7742</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Selenium	OR	1140	10169207
<b>Method EPA 8081</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
4,4'-DDD	OR	7355	10178800
4,4'-DDE	OR	7360	10178800
4,4'-DDT	OR	7365	10178800
Aldrin	OR	7025	10178800
alpha-BHC (alpha-Hexachlorocyclohexane)	OR	7110	10178800
beta-BHC (beta-Hexachlorocyclohexane)	OR	7115	10178800
Chlordane (tech.)	OR	7250	10178800
delta-BHC (delta-Hexachlorocyclohexane)	OR	7105	10178800
Dieldrin	OR	7470	10178800
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	OR	7120	10178800
Heptachlor	OR	7685	10178800
Heptachlor epoxide	OR	7690	10178800
Mirex	OR	7870	10178800



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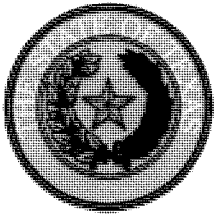
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**Matrix: *Biological Tissues***

Toxaphene (Chlorinated camphene)	OR	8250	10178800
<b>Method EPA 8082</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Aroclor-1016 (PCB-1016)	OR	8880	10179201
Aroclor-1221 (PCB-1221)	OR	8885	10179201
Aroclor-1232 (PCB-1232)	OR	8890	10179201
Aroclor-1242 (PCB-1242)	OR	8895	10179201
Aroclor-1248 (PCB-1248)	OR	8900	10179201
Aroclor-1254 (PCB-1254)	OR	8905	10179201
Aroclor-1260 (PCB-1260)	OR	8910	10179201
<b>Method EPA 8270</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
2-Methylphenol (o-Cresol)	OR	6400	10186002
3-Methylphenol (m-Cresol)	OR	6405	10186002
4-Methylphenol (p-Cresol)	OR	6410	10186002
Benzo(a)anthracene	OR	5575	10186002
Benzo(a)pyrene	OR	5580	10186002
Chrysene	OR	5855	10186002
Hexachlorobenzene	OR	6275	10186002
Hexachlorobutadiene	OR	4835	10186002
Hexachloroethane	OR	4840	10186002
n-Nitrosodiethylamine	OR	6525	10186002
Pentachlorophenol	OR	6605	10186002



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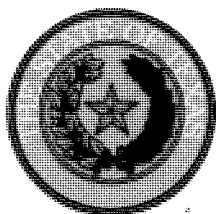
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**Matrix: Non-Potable Water**

Method	AB	Analyte ID	Method ID
Method EPA 1020			
Analyte Ignitability	OR	1780	10116800
Method EPA 160.4			
Analyte Residue-volatile	OR	1970	10010409
Method EPA 1631E			
Analyte Mercury	OR	1095	10237204
Method EPA 1664			
Analyte n-Hexane Extractable Material (HEM) (O&G)	OR	1803	10127807
Silica Gel Treated n-Hexane Extractable Material (SGT-HEM)	OR	10220	10127807
Method EPA 180.1			
Analyte Turbidity	OR	2055	10011606
Method EPA 200.7			
Analyte Aluminum	OR	1000	10013806
Antimony	OR	1005	10013806
Arsenic	OR	1010	10013806
Barium	OR	1015	10013806
Beryllium	OR	1020	10013806
Boron	OR	1025	10013806
Cadmium	OR	1030	10013806
Calcium	OR	1035	10013806
Chromium	OR	1040	10013806
Cobalt	OR	1050	10013806
Copper	OR	1055	10013806
Iron	OR	1070	10013806
Lead	OR	1075	10013806



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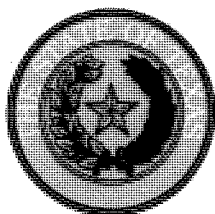
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### Matrix: *Non-Potable Water*

Magnesium	OR	1085	10013806
Manganese	OR	1090	10013806
Molybdenum	OR	1100	10013806
Nickel	OR	1105	10013806
Potassium	OR	1125	10013806
Selenium	OR	1140	10013806
Silica as SiO2	OR	1990	10013806
Silver	OR	1150	10013806
Sodium	OR	1155	10013806
Strontium	OR	1160	10013806
Tin	OR	1175	10013806
Titanium	OR	1180	10013806
Vanadium	OR	1185	10013806
Zinc	OR	1190	10013806

### Method EPA 200.8

Analyte	AB	Analyte ID	Method ID
Aluminum	OR	1000	10014605
Antimony	OR	1005	10014605
Arsenic	OR	1010	10014605
Barium	OR	1015	10014605
Beryllium	OR	1020	10014605
Cadmium	OR	1030	10014605
Chromium	OR	1040	10014605
Cobalt	OR	1050	10014605
Copper	OR	1055	10014605
Lead	OR	1075	10014605
Manganese	OR	1090	10014605
Molybdenum	OR	1100	10014605
Nickel	OR	1105	10014605
Selenium	OR	1140	10014605



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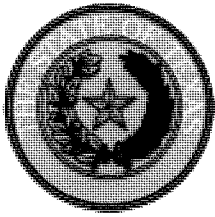
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### Matrix: Non-Potable Water

Silver	OR	1150	10014605
Thallium	OR	1165	10014605
Uranium	OR	3035	10014605
Vanadium	OR	1185	10014605
Zinc	OR	1190	10014605
<b>Method EPA 245.1</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Mercury	OR	1095	10036609
<b>Method EPA 300.0</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Bromide	OR	1540	10053200
Chloride	OR	1575	10053200
Fluoride	OR	1730	10053200
Nitrate as N	OR	1810	10053200
Nitrite as N	OR	1840	10053200
Sulfate	OR	2000	10053200
<b>Method EPA 314.0</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Perchlorate	OR	1895	10277006
<b>Method EPA 330.4</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Total residual chlorine	OR	1940	10059208
<b>Method EPA 335.4</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Total cyanide	OR	1645	10061402
<b>Method EPA 353.2</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Nitrate as N	OR	1810	10067400
Nitrate-nitrite	OR	1820	10067400
Nitrite as N	OR	1840	10067400



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#### Method EPA 365.3

Analyte	AB	Analyte ID	Method ID
Orthophosphate as P	OR	1870	10070801
Phosphorus	OR	1910	10070801

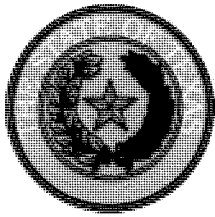
#### Method EPA 420.1

Analyte	AB	Analyte ID	Method ID
Total phenolics	OR	1905	10079400

#### Method EPA 6010

Analyte	AB	Analyte ID	Method ID
Aluminum	OR	1000	10155905
Antimony	OR	1005	10155905
Arsenic	OR	1010	10155905
Barium	OR	1015	10155905
Beryllium	OR	1020	10155905
Boron	OR	1025	10155905
Cadmium	OR	1030	10155905
Calcium	OR	1035	10155905
Chromium	OR	1040	10155905
Cobalt	OR	1050	10155905
Copper	OR	1055	10155905
Iron	OR	1070	10155905
Lead	OR	1075	10155905
Magnesium	OR	1085	10155905
Manganese	OR	1090	10155905
Molybdenum	OR	1100	10155905
Nickel	OR	1105	10155905
Potassium	OR	1125	10155905
Selenium	OR	1140	10155905
Silver	OR	1150	10155905
Sodium	OR	1155	10155905
Strontium	OR	1160	10155905





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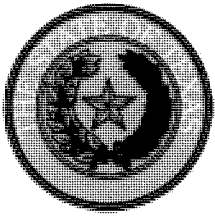
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Thallium	OR	1165	10155905
Tin	OR	1175	10155905
Titanium	OR	1180	10155905
Vanadium	OR	1185	10155905
Zinc	OR	1190	10155905
<b>Method EPA 6020</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Aluminum	OR	1000	10156419
Antimony	OR	1005	10156419
Arsenic	OR	1010	10156419
Barium	OR	1015	10156419
Beryllium	OR	1020	10156419
Cadmium	OR	1030	10156419
Chromium	OR	1040	10156419
Cobalt	OR	1050	10156419
Copper	OR	1055	10156419
Lead	OR	1075	10156419
Manganese	OR	1090	10156419
Molybdenum	OR	1100	10156419
Nickel	OR	1105	10156419
Selenium	OR	1140	10156419
Silver	OR	1150	10156419
Strontium	OR	1160	10156419
Thallium	OR	1165	10156419
Vanadium	OR	1185	10156419
Zinc	OR	1190	10156419
<b>Method EPA 608</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
4,4'-DDD	OR	7355	10103603
4,4'-DDE	OR	7360	10103603
4,4'-DDT	OR	7365	10103603



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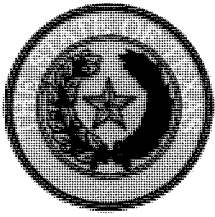
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### Matrix: Non-Potable Water

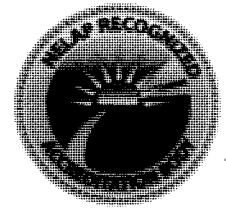
Aldrin	OR	7025	10103603
alpha-BHC (alpha-Hexachlorocyclohexane)	OR	7110	10103603
Aroclor-1016 (PCB-1016)	OR	8880	10103603
Aroclor-1221 (PCB-1221)	OR	8885	10103603
Aroclor-1232 (PCB-1232)	OR	8890	10103603
Aroclor-1242 (PCB-1242)	OR	8895	10103603
Aroclor-1248 (PCB-1248)	OR	8900	10103603
Aroclor-1254 (PCB-1254)	OR	8905	10103603
Aroclor-1260 (PCB-1260)	OR	8910	10103603
beta-BHC (beta-Hexachlorocyclohexane)	OR	7115	10103603
Chlordane (tech.)	OR	7250	10103603
delta-BHC (delta-Hexachlorocyclohexane)	OR	7105	10103603
Dieldrin	OR	7470	10103603
Endosulfan I	OR	7510	10103603
Endosulfan II	OR	7515	10103603
Endosulfan sulfate	OR	7520	10103603
Endrin	OR	7540	10103603
Endrin aldehyde	OR	7530	10103603
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	OR	7120	10103603
Heptachlor	OR	7685	10103603
Heptachlor epoxide	OR	7690	10103603
Methoxychlor	OR	7810	10103603
Toxaphene (Chlorinated camphene)	OR	8250	10103603

### Method EPA 624

Analyte	AB	Analyte ID	Method ID
1,1,1-Trichloroethane	OR	5160	10107207
1,1,2,2-Tetrachloroethane	OR	5110	10107207
1,1,2-Trichloroethane	OR	5165	10107207
1,1-Dichloroethane	OR	4630	10107207
1,1-Dichloroethylene	OR	4640	10107207



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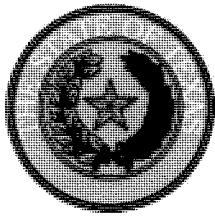
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### Matrix: Non-Potable Water

1,2-Dichlorobenzene	OR	4610	10107207
1,2-Dichloroethane (Ethylene dichloride)	OR	4635	10107207
1,2-Dichloropropane	OR	4655	10107207
1,3-Dichlorobenzene	OR	4615	10107207
1,4-Dichlorobenzene	OR	4620	10107207
2-Chloroethyl vinyl ether	OR	4500	10107207
Acrolein (Propenal)	OR	4325	10107207
Acrylonitrile	OR	4340	10107207
Benzene	OR	4375	10107207
Bromodichloromethane	OR	4395	10107207
Bromoform	OR	4400	10107207
Carbon tetrachloride	OR	4455	10107207
Chlorobenzene	OR	4475	10107207
Chlorodibromomethane	OR	4575	10107207
Chloroethane (Ethyl chloride)	OR	4485	10107207
Chloroform	OR	4505	10107207
cis-1,3-Dichloropropene	OR	4680	10107207
Ethylbenzene	OR	4765	10107207
Methyl bromide (Bromomethane)	OR	4950	10107207
Methyl chloride (Chloromethane)	OR	4960	10107207
Methylene chloride (Dichloromethane)	OR	4975	10107207
Tetrachloroethylene (Perchloroethylene)	OR	5115	10107207
Toluene	OR	5140	10107207
trans-1,2-Dichloroethylene	OR	4700	10107207
trans-1,3-Dichloropropylene	OR	4685	10107207
Trichloroethene (Trichloroethylene)	OR	5170	10107207
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	OR	5175	10107207
Vinyl chloride	OR	5235	10107207
Xylene (total)	OR	5260	10107207



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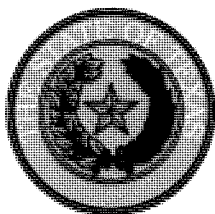
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### Matrix: Non-Potable Water

#### Method EPA 625

Analyte	AB	Analyte ID	Method ID
1,2,4-Trichlorobenzene	OR	5155	10107401
1,2-Diphenylhydrazine	OR	6220	10107401
2,2'-Oxybis(1-chloropropane) (bis(2-Chloro-1-methylethyl)ether)	OR	4659	10107401
2,4,6-Trichlorophenol	OR	6840	10107401
2,4-Dichlorophenol	OR	6000	10107401
2,4-Dimethylphenol	OR	6130	10107401
2,4-Dinitrophenol	OR	6175	10107401
2,4-Dinitrotoluene (2,4-DNT)	OR	6185	10107401
2,6-Dinitrotoluene (2,6-DNT)	OR	6190	10107401
2-Chloronaphthalene	OR	5795	10107401
2-Chlorophenol	OR	5800	10107401
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	OR	6360	10107401
2-Nitrophenol	OR	6490	10107401
3,3'-Dichlorobenzidine	OR	5945	10107401
4-Bromophenyl phenyl ether (BDE-3)	OR	5660	10107401
4-Chloro-3-methylphenol	OR	5700	10107401
4-Chlorophenyl phenylether	OR	5825	10107401
4-Nitrophenol	OR	6500	10107401
Acenaphthene	OR	5500	10107401
Acenaphthylene	OR	5505	10107401
Anthracene	OR	5555	10107401
Benzidine	OR	5595	10107401
Benzo(a)anthracene	OR	5575	10107401
Benzo(a)pyrene	OR	5580	10107401
Benzo(b)fluoranthene	OR	5585	10107401
Benzo(g,h,i)perylene	OR	5590	10107401
Benzo(k)fluoranthene	OR	5600	10107401
bis(2-Chloroethoxy)methane	OR	5760	10107401



# Texas Commission on Environmental Quality



## NELAP - Recognized Laboratory Fields of Accreditation

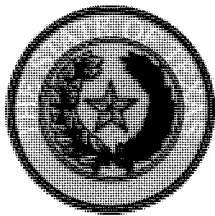
ALS Environmental, Kelso  
1317 South 13th Avenue  
Kelso, WA 98626-2845

Certificate: T104704427-18-13  
Expiration Date: 9/30/2019  
Issue Date: 10/1/2018

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**Matrix: Non-Potable Water**

bis(2-Chloroethyl) ether	OR	5765	10107401
bis(2-Ethylhexyl) phthalate (Di(2-Ethylhexyl) phthalate, DEHP)	OR	6065	10107401
Butyl benzyl phthalate	OR	5670	10107401
Chrysene	OR	5855	10107401
Dibenz(a,h) anthracene	OR	5895	10107401
Diethyl phthalate	OR	6070	10107401
Dimethyl phthalate	OR	6135	10107401
Di-n-butyl phthalate	OR	5925	10107401
Di-n-octyl phthalate	OR	6200	10107401
Fluoranthene	OR	6265	10107401
Fluorene	OR	6270	10107401
Hexachlorobenzene	OR	6275	10107401
Hexachlorobutadiene	OR	4835	10107401
Hexachlorocyclopentadiene	OR	6285	10107401
Hexachloroethane	OR	4840	10107401
Indeno(1,2,3-cd) pyrene	OR	6315	10107401
Isophorone	OR	6320	10107401
Naphthalene	OR	5005	10107401
Nitrobenzene	OR	5015	10107401
n-Nitrosodimethylamine	OR	6530	10107401
n-Nitrosodi-n-propylamine	OR	6545	10107401
n-Nitrosodiphenylamine	OR	6535	10107401
Pentachlorophenol	OR	6605	10107401
Phenanthrene	OR	6615	10107401
Phenol	OR	6625	10107401
Pyrene	OR	6665	10107401
<b>Method EPA 7062</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Arsenic	OR	1010	10159407
<b>Method EPA 7196</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>



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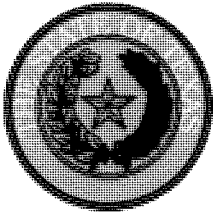
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### Matrix: Non-Potable Water

Analyte	AB	Analyte ID	Method ID
Chromium (VI)	OR	1045	10162400
<b>Method EPA 7470</b>			
Mercury	OR	1095	10165603
<b>Method EPA 7742</b>			
Selenium	OR	1140	10169207
<b>Method EPA 8015</b>			
Diesel range organics (DRO)	OR	9369	10173816
Ethylene glycol	OR	4785	10173816
Gasoline range organics (GRO)	OR	9408	10173816
<b>Method EPA 8081</b>			
4,4'-DDD	OR	7355	10178800
4,4'-DDE	OR	7360	10178800
4,4'-DDT	OR	7365	10178800
Aldrin	OR	7025	10178800
alpha-BHC (alpha-Hexachlorocyclohexane)	OR	7110	10178800
alpha-Chlordane	OR	7240	10178800
beta-BHC (beta-Hexachlorocyclohexane)	OR	7115	10178800
Chlordane (tech.)	OR	7250	10178800
delta-BHC (delta-Hexachlorocyclohexane)	OR	7105	10178800
Dieldrin	OR	7470	10178800
Endosulfan I	OR	7510	10178800
Endosulfan II	OR	7515	10178800
Endosulfan sulfate	OR	7520	10178800
Endrin	OR	7540	10178800
Endrin aldehyde	OR	7530	10178800
Endrin ketone	OR	7535	10178800
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	OR	7120	10178800



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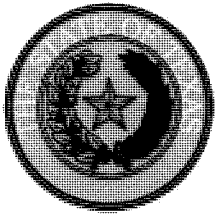
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### Matrix: Non-Potable Water

gamma-Chlordane	OR	7245	10178800
Heptachlor	OR	7685	10178800
Heptachlor epoxide	OR	7690	10178800
Isodrin	OR	7725	10178800
Methoxychlor	OR	7810	10178800
Mirex	OR	7870	10178800
Toxaphene (Chlorinated camphene)	OR	8250	10178800
trans-Nanochlor	OR	7910	10178800

### Method EPA 8082

Analyte	AB	Analyte ID	Method ID
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (BZ-206)	OR	9095	10179201
2,2',3,3',4,4',5,5'-Octachlorobiphenyl (BZ-194)	OR	9090	10179201
2,2',3,3',4,4',5,6-Octachlorobiphenyl (BZ-195)	OR	9103	10179201
2,2',3,3',4,4',5-Heptachlorobiphenyl (BZ-170)	OR	9065	10179201
2,2',3,3',4,4'-Hexachlorobiphenyl (BZ-128)	OR	9020	10179201
2,2',3,3',4,5,6'-Heptachlorobiphenyl (BZ-174)	OR	9116	10179201
2,2',3,3',4',5,6-Heptachlorobiphenyl (BZ-177)	OR	9114	10179201
2,2',3,4,4',5,5',6-Octachlorobiphenyl (BZ-203)	OR	9133	10179201
2,2',3,4,4',5,5'-Heptachlorobiphenyl (BZ-180)	OR	9134	10179201
2,2',3,4,4',5,6-Heptachlorobiphenyl (BZ-183)	OR	9075	10179201
2,2',3,4,4',5'-Hexachlorobiphenyl (BZ-138)	OR	9025	10179201
2,2',3,4',5,5',6-Heptachlorobiphenyl (BZ-187)	OR	9080	10179201
2,2',3,4,5,5'-Hexachlorobiphenyl (BZ-141)	OR	9030	10179201
2,2',3,4',5,6-Hexachlorobiphenyl (BZ-149)	OR	9151	10179201
2,2',3,4,5'-Pentachlorobiphenyl (BZ-87)	OR	8975	10179201
2,2',3',4,5-Pentachlorobiphenyl (BZ-97)	OR	9154	10179201
2,2',3,5,5',6-Hexachlorobiphenyl (BZ-151)	OR	9035	10179201
2,2',3,5',6-Pentachlorobiphenyl (BZ-95)	OR	9166	10179201
2,2',3,5'-Tetrachlorobiphenyl (BZ-44)	OR	8945	10179201
2,2',4,4',5,5'-Hexachlorobiphenyl (BZ-153)	OR	9040	10179201



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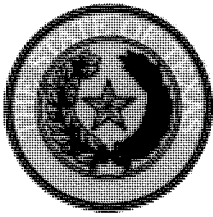
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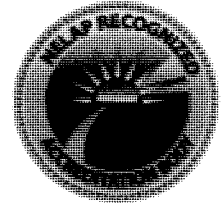
### Matrix: Non-Potable Water

2,2',4,4',5-Pentachlorobiphenyl (BZ-99)	OR	9175	10179201
2,2',4,5,5'-Pentachlorobiphenyl (BZ-101)	OR	8980	10179201
2,2',4,5'-Tetrachlorobiphenyl (BZ-49)	OR	8950	10179201
2,2',5,5'-Tetrachlorobiphenyl (BZ-52)	OR	8955	10179201
2,2',5-Trichlorobiphenyl (BZ-18)	OR	8930	10179201
2,3,3',4,4',5,5'-Heptachlorobiphenyl (BZ-189)	OR	9085	10179201
2,3,3',4,4',5-Hexachlorobiphenyl (BZ-156)	OR	9050	10179201
2,3,3',4,4',5'-Hexachlorobiphenyl (BZ-157)	OR	9045	10179201
2,3,3',4,4',6-Hexachlorobiphenyl (BZ-158)	OR	9193	10179201
2,3,3',4,4'-Pentachlorobiphenyl (BZ-105)	OR	8985	10179201
2,3,3',4',6-Pentachlorobiphenyl (BZ-110)	OR	8990	10179201
2,3',4,4',5,5'-Hexachlorobiphenyl (BZ-167)	OR	9055	10179201
2,3,4,4',5-Pentachlorobiphenyl (BZ-114)	OR	9005	10179201
2,3',4,4',5-Pentachlorobiphenyl (BZ-118)	OR	8995	10179201
2',3,4,4',5-Pentachlorobiphenyl (BZ-123)	OR	9000	10179201
2,3',4,4'-Tetrachlorobiphenyl (BZ-66)	OR	8960	10179201
2,3',4',5-Tetrachlorobiphenyl (BZ-70)	OR	9230	10179201
2,3-Dichlorobiphenyl (BZ-5)	OR	8920	10179201
2,4,4',5-Tetrachlorobiphenyl (BZ-74)	OR	9250	10179201
2,4,4'-Trichlorobiphenyl (BZ-28)	OR	9252	10179201
2,4',5-Trichlorobiphenyl (BZ-31)	OR	8940	10179201
2,4'-Dichlorobiphenyl (BZ-8)	OR	9256	10179201
2-Chlorobiphenyl (BZ-1)	OR	8915	10179201
Aroclor-1016 (PCB-1016)	OR	8880	10179201
Aroclor-1221 (PCB-1221)	OR	8885	10179201
Aroclor-1232 (PCB-1232)	OR	8890	10179201
Aroclor-1242 (PCB-1242)	OR	8895	10179201
Aroclor-1248 (PCB-1248)	OR	8900	10179201
Aroclor-1254 (PCB-1254)	OR	8905	10179201
Aroclor-1260 (PCB-1260)	OR	8910	10179201





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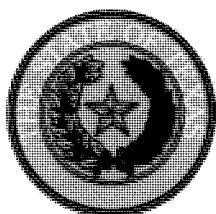
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**Matrix: Non-Potable Water**

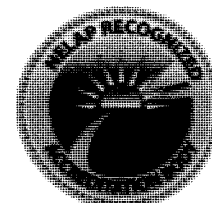
Decachlorobiphenyl (BZ-209)	OR	9105	10179201
<b>Method EPA 8141</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Azinphos-methyl (Guthion)	OR	7075	10182204
Bolstar (Sulprofos)	OR	7125	10182204
Chlorpyrifos (Dursban)	OR	7300	10182204
Coumaphos	OR	7315	10182204
Demeton	OR	7390	10182204
Demeton-o	OR	7395	10182204
Demeton-s	OR	7385	10182204
Diazinon	OR	7410	10182204
Dichlorovos (DDVP, Dichlorvos)	OR	8610	10182204
Dimethoate	OR	7475	10182204
Disulfoton	OR	8625	10182204
EPN (Phosphonothioic acid, phenyl-, O-ethyl O-(p-nitrophenyl) ester)	OR	7550	10182204
Ethoprop	OR	7570	10182204
Fensulfothion	OR	7600	10182204
Fenthion	OR	7605	10182204
Malathion	OR	7770	10182204
Merphos	OR	7785	10182204
Methyl parathion (Parathion, methyl)	OR	7825	10182204
Mevinphos	OR	7850	10182204
Parathion, ethyl	OR	7955	10182204
Phorate	OR	7985	10182204
Ronnel	OR	8110	10182204
Sulfotepp	OR	8155	10182204
Tetrachlorvinphos (Stirophos, Gardona)	OR	8197	10182204
Tokuthion (Prothiophos)	OR	8245	10182204
Trichloronate	OR	8275	10182204

**Method EPA 8151**

Analyte	AB	Analyte ID	Method ID
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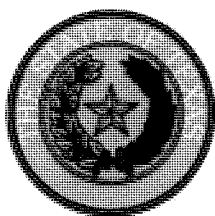
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### Matrix: Non-Potable Water

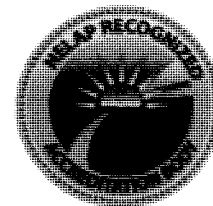
2,4,5-T	OR	8655	10183207
2,4-D	OR	8545	10183207
2,4-DB	OR	8560	10183207
Dalapon	OR	8555	10183207
Dicamba	OR	8595	10183207
Dichloroprop (Dichlorprop, Weedone)	OR	8605	10183207
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	OR	8620	10183207
MCPA	OR	7775	10183207
MCPP	OR	7780	10183207
Silvex (2,4,5-TP)	OR	8650	10183207

### Method EPA 8260

Analyte	AB	Analyte ID	Method ID
1,1,1,2-Tetrachloroethane	OR	5105	10307003
1,1,1-Trichloroethane	OR	5160	10307003
1,1,2,2-Tetrachloroethane	OR	5110	10307003
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	OR	5195	10307003
1,1,2-Trichloroethane	OR	5165	10307003
1,1-Dichloroethane	OR	4630	10307003
1,1-Dichloroethylene	OR	4640	10307003
1,1-Dichloropropene	OR	4670	10307003
1,2,3-Trichlorobenzene	OR	5150	10307003
1,2,4-Trichlorobenzene	OR	5155	10307003
1,2,4-Trimethylbenzene	OR	5210	10307003
1,2-Dibromo-3-chloropropane (DBCP)	OR	4570	10307003
1,2-Dibromoethane (EDB, Ethylene dibromide)	OR	4585	10307003
1,2-Dichlorobenzene	OR	4610	10307003
1,2-Dichloroethane (Ethylene dichloride)	OR	4635	10307003
1,2-Dichloropropane	OR	4655	10307003
1,3,5-Trimethylbenzene	OR	5215	10307003
1,3-Dichlorobenzene	OR	4615	10307003



# Texas Commission on Environmental Quality



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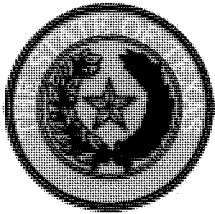
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1,3-Dichloropropane	OR	4660	10307003
1,4-Dichlorobenzene	OR	4620	10307003
1,4-Dioxane (1,4-Diethyleneoxide)	OR	4735	10307003
1-Chlorohexane	OR	4510	10307003
2,2-Dichloropropane	OR	4665	10307003
2-Butanone (Methyl ethyl ketone, MEK)	OR	4410	10307003
2-Chloroethyl vinyl ether	OR	4500	10307003
2-Chlorotoluene	OR	4535	10307003
2-Hexanone (MBK)	OR	4860	10307003
2-Nitropropane	OR	5020	10307003
4-Chlorotoluene	OR	4540	10307003
4-Isopropyltoluene (p-Cymene)	OR	4915	10307003
4-Methyl-2-pentanone (MIBK)	OR	4995	10307003
Acetone (2-Propanone)	OR	4315	10307003
Acetonitrile	OR	4320	10307003
Acrolein (Propenal)	OR	4325	10307003
Acrylonitrile	OR	4340	10307003
Allyl chloride (3-Chloropropene)	OR	4355	10307003
Benzene	OR	4375	10307003
Bromobenzene	OR	4385	10307003
Bromochloromethane	OR	4390	10307003
Bromodichloromethane	OR	4395	10307003
Bromoform	OR	4400	10307003
Carbon disulfide	OR	4450	10307003
Carbon tetrachloride	OR	4455	10307003
Chlorobenzene	OR	4475	10307003
Chlorodibromomethane	OR	4575	10307003
Chloroethane (Ethyl chloride)	OR	4485	10307003
Chloroform	OR	4505	10307003
Chloroprene (2-Chloro-1,3-butadiene)	OR	4525	10307003



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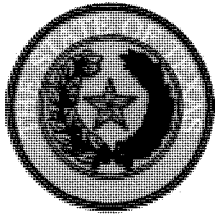
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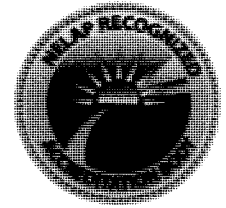
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### Matrix: *Non-Potable Water*

cis-1,2-Dichloroethylene	OR	4645	10307003
cis-1,3-Dichloropropene	OR	4680	10307003
Dibromomethane (Methylene bromide)	OR	4595	10307003
Dichlorodifluoromethane (Freon-12)	OR	4625	10307003
Diethyl ether	OR	4725	10307003
Ethyl acetate	OR	4755	10307003
Ethyl methacrylate	OR	4810	10307003
Ethylbenzene	OR	4765	10307003
Hexachlorobutadiene	OR	4835	10307003
Iodomethane (Methyl iodide)	OR	4870	10307003
Isobutyl alcohol (2-Methyl-1-propanol)	OR	4875	10307003
Isopropylbenzene (Cumene)	OR	4900	10307003
Methacrylonitrile	OR	4925	10307003
Methyl bromide (Bromomethane)	OR	4950	10307003
Methyl chloride (Chloromethane)	OR	4960	10307003
Methyl tert-butyl ether (MTBE)	OR	5000	10307003
Methylene chloride (Dichloromethane)	OR	4975	10307003
Naphthalene	OR	5005	10307003
n-Butylbenzene	OR	4435	10307003
n-Propylbenzene	OR	5090	10307003
sec-Butylbenzene	OR	4440	10307003
Styrene	OR	5100	10307003
T-amylmethylether (TAME)	OR	4370	10307003
tert-Butylbenzene	OR	4445	10307003
Tetrachloroethylene (Perchloroethylene)	OR	5115	10307003
Toluene	OR	5140	10307003
trans-1,2-Dichloroethylene	OR	4700	10307003
trans-1,3-Dichloropropylene	OR	4685	10307003
trans-1,4-Dichloro-2-butene	OR	4605	10307003
Trichloroethene (Trichloroethylene)	OR	5170	10307003



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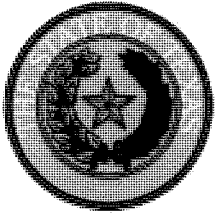
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### Matrix: Non-Potable Water

Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	OR	5175	10307003
Vinyl acetate	OR	5225	10307003
Vinyl chloride	OR	5235	10307003
Xylene (total)	OR	5260	10307003
<b>Method EPA 8270</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
1,2,4,5-Tetrachlorobenzene	OR	6715	10186002
1,2,4-Trichlorobenzene	OR	5155	10186002
1,2-Dichlorobenzene	OR	4610	10186002
1,2-Diphenylhydrazine	OR	6220	10186002
1,3-Dichlorobenzene	OR	4615	10186002
1,4-Dichlorobenzene	OR	4620	10186002
2,2'-Oxybis(1-chloropropane) (bis(2-Chloro-1-methylethyl)ether)	OR	4659	10186002
2,3,4,6-Tetrachlorophenol	OR	6735	10186002
2,4,5-Trichlorophenol	OR	6835	10186002
2,4,6-Trichlorophenol	OR	6840	10186002
2,4-Dichlorophenol	OR	6000	10186002
2,4-Dimethylphenol	OR	6130	10186002
2,4-Dinitrophenol	OR	6175	10186002
2,4-Dinitrotoluene (2,4-DNT)	OR	6185	10186002
2,6-Dinitrotoluene (2,6-DNT)	OR	6190	10186002
2-Chloronaphthalene	OR	5795	10186002
2-Chlorophenol	OR	5800	10186002
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	OR	6360	10186002
2-Methylnaphthalene	OR	6385	10186002
2-Methylphenol (o-Cresol)	OR	6400	10186002
2-Nitroaniline	OR	6460	10186002
2-Nitrophenol	OR	6490	10186002
3,3'-Dichlorobenzidine	OR	5945	10186002
3-Nitroaniline	OR	6465	10186002



# Texas Commission on Environmental Quality



## NELAP - Recognized Laboratory Fields of Accreditation

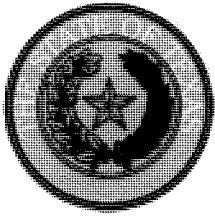
ALS Environmental, Kelso  
 1317 South 13th Avenue  
 Kelso, WA 98626-2845

Certificate: T104704427-18-13  
 Expiration Date: 9/30/2019  
 Issue Date: 10/1/2018

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**Matrix: Non-Potable Water**

4-Bromophenyl phenyl ether (BDE-3)	OR	5660	10186002
4-Chloro-3-methylphenol	OR	5700	10186002
4-Chloroaniline	OR	5745	10186002
4-Chlorophenyl phenylether	OR	5825	10186002
4-Methylphenol (p-Cresol)	OR	6410	10186002
4-Nitroaniline	OR	6470	10186002
4-Nitrophenol	OR	6500	10186002
Acenaphthene	OR	5500	10186002
Acenaphthylene	OR	5505	10186002
Acetophenone	OR	5510	10186002
Aniline	OR	5545	10186002
Anthracene	OR	5555	10186002
Benzo(a)anthracene	OR	5575	10186002
Benzo(a)pyrene	OR	5580	10186002
Benzo(b)fluoranthene	OR	5585	10186002
Benzo(e)pyrene	OR	5605	10186002
Benzo(g,h,i)perylene	OR	5590	10186002
Benzo(k)fluoranthene	OR	5600	10186002
Benzoic acid	OR	5610	10186002
Benzyl alcohol	OR	5630	10186002
bis(2-Chloroethoxy)methane	OR	5760	10186002
bis(2-Chloroethyl) ether	OR	5765	10186002
bis(2-Ethylhexyl) phthalate (Di(2-Ethylhexyl) phthalate, DEHP)	OR	6065	10186002
Butyl benzyl phthalate	OR	5670	10186002
Carbazole	OR	5680	10186002
Chrysene	OR	5855	10186002
Dibenz(a,h) anthracene	OR	5895	10186002
Dibenzofuran	OR	5905	10186002
Dimethyl phthalate	OR	6135	10186002
Di-n-butyl phthalate	OR	5925	10186002



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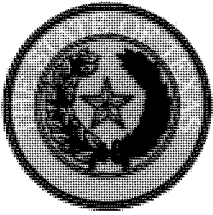
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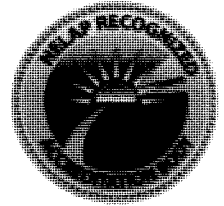
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### Matrix: *Non-Potable Water*

Di-n-octyl phthalate	OR	6200	10186002
Fluoranthene	OR	6265	10186002
Fluorene	OR	6270	10186002
Hexachlorobenzene	OR	6275	10186002
Hexachlorobutadiene	OR	4835	10186002
Hexachlorocyclopentadiene	OR	6285	10186002
Hexachloroethane	OR	4840	10186002
Indeno(1,2,3-cd) pyrene	OR	6315	10186002
Isophorone	OR	6320	10186002
Naphthalene	OR	5005	10186002
Nitrobenzene	OR	5015	10186002
n-Nitrosodimethylamine	OR	6530	10186002
n-Nitrosodi-n-propylamine	OR	6545	10186002
n-Nitrosodiphenylamine	OR	6535	10186002
Pentachlorophenol	OR	6605	10186002
Phenanthrene	OR	6615	10186002
Phenol	OR	6625	10186002
Pyrene	OR	6665	10186002
Pyridine	OR	5095	10186002
<b>Method EPA 9012</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Total cyanide	OR	1645	10243206
<b>Method EPA 9020</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Total organic halides (TOX)	OR	2045	10194408
<b>Method EPA 9040</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
pH	OR	1900	10244403
<b>Method EPA 9060</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Total Organic Carbon (TOC)	OR	2040	10244823



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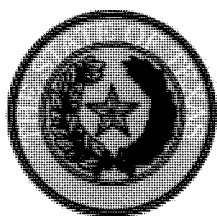
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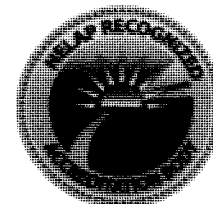
**Matrix: Non-Potable Water**

Method	Analyte	AB OR	Analyte ID	Method ID
Method SM 2120 B	Color	AB OR	1605	20223807
Method SM 2310 B (4a)	Acidity, as CaCO <sub>3</sub>	AB OR	1500	20002806
Method SM 2320 B	Alkalinity as CaCO <sub>3</sub>	AB OR	1505	20045005
Method SM 2340 B	Total hardness as CaCO <sub>3</sub>	AB OR	1755	20046008
Method SM 2540 B	Residue-total (total solids)	AB OR	1950	20004608
Method SM 2540 C	Residue-filterable (TDS)	AB OR	1955	20049803
Method SM 2540 D	Residue-nonfilterable (TSS)	AB OR	1960	20004802
Method SM 2540 F	Residue-settleable	AB OR	1965	20005009
Method SM 4500-Cl F	Total residual chlorine	AB OR	1940	20080482
Method SM 4500-Cl <sup>-</sup> C	Chloride	AB OR	1575	20084804
Method SM 4500-CN <sup>-</sup> E	Analyte	AB	Analyte ID	Method ID





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## NELAP - Recognized Laboratory Fields of Accreditation

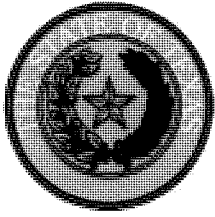
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### Matrix: Non-Potable Water

Total cyanide	OR	1645	20021209
<b>Method SM 4500-CN<sup>-</sup> G</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Amenable cyanide	OR	1510	20021607
<b>Method SM 4500-F<sup>-</sup> C</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Fluoride	OR	1730	20101808
<b>Method SM 4500-H+ B</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
pH	OR	1900	20104603
<b>Method SM 4500-NH3 E</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Ammonia as N	OR	1515	20023807
<b>Method SM 4500-NH3 G</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Ammonia as N	OR	1515	20023205
<b>Method SM 4500-O G</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Oxygen, dissolved	OR	1880	20025405
<b>Method SM 4500-S2<sup>-</sup> F</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Sulfide	OR	2005	20126209
<b>Method SM 4500-SO3<sup>-</sup> B</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Sulfite	OR	2015	20026806
<b>Method SM 5220 C</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Chemical oxygen demand (COD)	OR	1565	20027605
<b>Method SM 5310 C</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Total Organic Carbon (TOC)	OR	2040	20138209



# Texas Commission on Environmental Quality



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

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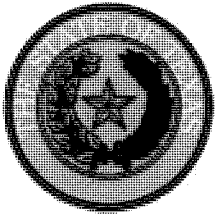
Method SM 5540 C

Analyte  
Surfactants - MBAS

AB  
OR

Analyte ID  
2025

Method ID  
20144405



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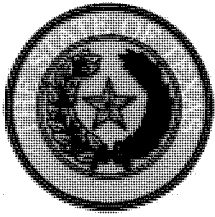
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**Matrix: Solid & Chemical Materials**

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Method	Analyte	AB	Analyte ID	Method ID
Method EPA 1020	Ignitability	OR	1780	10116800
Method EPA 1110	Corrosivity	OR	1615	10235208
Method EPA 1311	TCLP	OR	849	10118806
Method EPA 1312	SPLP	OR	850	10119003
Method EPA 300.0	Chloride	OR	1575	10053200
	Fluoride	OR	1730	10053200
	Sulfate	OR	2000	10053200
Method EPA 314.0	Perchlorate	OR	1895	10277006
Method EPA 350.1	Ammonia as N	OR	1515	10063408
Method EPA 353.2	Nitrate as N	OR	1810	10067604
	Nitrate-nitrite	OR	1820	10067604
	Nitrite as N	OR	1840	10067604
Method EPA 365.3	Orthophosphate as P	OR	1870	10070801



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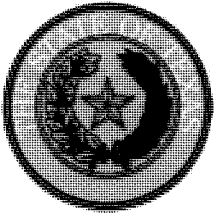
**Matrix: Solid & Chemical Materials**

**Method EPA 6010**

Analyte	AB	Analyte ID	Method ID
Aluminum	OR	1000	10155905
Antimony	OR	1005	10155905
Arsenic	OR	1010	10155905
Barium	OR	1015	10155905
Beryllium	OR	1020	10155905
Boron	OR	1025	10155905
Cadmium	OR	1030	10155905
Calcium	OR	1035	10155905
Chromium	OR	1040	10155905
Cobalt	OR	1050	10155905
Copper	OR	1055	10155905
Iron	OR	1070	10155905
Lead	OR	1075	10155905
Magnesium	OR	1085	10155905
Manganese	OR	1090	10155905
Molybdenum	OR	1100	10155905
Nickel	OR	1105	10155905
Potassium	OR	1125	10155905
Selenium	OR	1140	10155905
Silver	OR	1150	10155905
Sodium	OR	1155	10155905
Strontium	OR	1160	10155905
Thallium	OR	1165	10155905
Tin	OR	1175	10155905
Titanium	OR	1180	10155905
Vanadium	OR	1185	10155905
Zinc	OR	1190	10155905

**Method EPA 6020**

Analyte	AB	Analyte ID	Method ID
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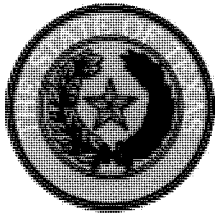
Certificate: T104704427-18-13

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Issue Date: 10/1/2018

**Matrix: Solid & Chemical Materials**

Aluminum	OR	1000	10156419
Antimony	OR	1005	10156419
Arsenic	OR	1010	10156419
Barium	OR	1015	10156419
Beryllium	OR	1020	10156419
Cadmium	OR	1030	10156419
Chromium	OR	1040	10156419
Cobalt	OR	1050	10156419
Copper	OR	1055	10156419
Lead	OR	1075	10156419
Manganese	OR	1090	10156419
Molybdenum	OR	1100	10156419
Nickel	OR	1105	10156419
Selenium	OR	1140	10156419
Silver	OR	1150	10156419
Strontium	OR	1160	10156419
Thallium	OR	1165	10156419
Vanadium	OR	1185	10156419
Zinc	OR	1190	10156419
<b>Method EPA 7062</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Arsenic	OR	1010	10159407
<b>Method EPA 7196</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Chromium (VI)	OR	1045	10162400
<b>Method EPA 7471</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Mercury	OR	1095	10166457
<b>Method EPA 7742</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Selenium	OR	1140	10169207



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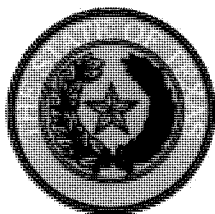
### Matrix: Solid & Chemical Materials

#### Method EPA 8015

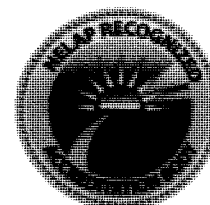
Analyte	AB	Analyte ID	Method ID
Diesel range organics (DRO)	OR	9369	10173816
Ethylene glycol	OR	4785	10173816
Gasoline range organics (GRO)	OR	9408	10173816

#### Method EPA 8081

Analyte	AB	Analyte ID	Method ID
4,4'-DDD	OR	7355	10178800
4,4'-DDE	OR	7360	10178800
4,4'-DDT	OR	7365	10178800
Alachlor	OR	7005	10178800
Aldrin	OR	7025	10178800
alpha-BHC (alpha-Hexachlorocyclohexane)	OR	7110	10178800
alpha-Chlordane	OR	7240	10178800
beta-BHC (beta-Hexachlorocyclohexane)	OR	7115	10178800
Chlordane (tech.)	OR	7250	10178800
delta-BHC (delta-Hexachlorocyclohexane)	OR	7105	10178800
Dieldrin	OR	7470	10178800
Endosulfan I	OR	7510	10178800
Endosulfan II	OR	7515	10178800
Endosulfan sulfate	OR	7520	10178800
Endrin	OR	7540	10178800
Endrin aldehyde	OR	7530	10178800
Endrin ketone	OR	7535	10178800
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	OR	7120	10178800
gamma-Chlordane	OR	7245	10178800
Heptachlor	OR	7685	10178800
Heptachlor epoxide	OR	7690	10178800
Isodrin	OR	7725	10178800
Methoxychlor	OR	7810	10178800
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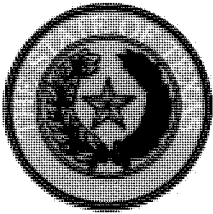
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### Matrix: Solid & Chemical Materials

Toxaphene (Chlorinated camphene)	OR	8250	10178800
trans-Nanochlor	OR	7910	10178800
<b>Method EPA 8082</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (BZ-206)	OR	9095	10179201
2,2',3,3',4,4',5,5'-Octachlorobiphenyl (BZ-194)	OR	9090	10179201
2,2',3,3',4,4',5,6-Octachlorobiphenyl (BZ-195)	OR	9103	10179201
2,2',3,3',4,4',5-Heptachlorobiphenyl (BZ-170)	OR	9065	10179201
2,2',3,3',4,4'-Hexachlorobiphenyl (BZ-128)	OR	9020	10179201
2,2',3,3',4,5,6'-Heptachlorobiphenyl (BZ-174)	OR	9116	10179201
2,2',3,3',4',5,6-Heptachlorobiphenyl (BZ-177)	OR	9114	10179201
2,2',3,4,4',5,5',6-Octachlorobiphenyl (BZ-203)	OR	9133	10179201
2,2',3,4,4',5,5'-Heptachlorobiphenyl (BZ-180)	OR	9134	10179201
2,2',3,4,4',5',6-Heptachlorobiphenyl (BZ-183)	OR	9075	10179201
2,2',3,4,4',5'-Hexachlorobiphenyl (BZ-138)	OR	9025	10179201
2,2',3,4',5,5',6-Heptachlorobiphenyl (BZ-187)	OR	9080	10179201
2,2',3,4,5,5'-Hexachlorobiphenyl (BZ-141)	OR	9030	10179201
2,2',3,4',5',6-Hexachlorobiphenyl (BZ-149)	OR	9151	10179201
2,2',3,4,5'-Pentachlorobiphenyl (BZ-87)	OR	8975	10179201
2,2',3',4,5-Pentachlorobiphenyl (BZ-97)	OR	9154	10179201
2,2',3,5,5',6-Hexachlorobiphenyl (BZ-151)	OR	9035	10179201
2,2',3,5',6-Pentachlorobiphenyl (BZ-95)	OR	9166	10179201
2,2',3,5'-Tetrachlorobiphenyl (BZ-44)	OR	8945	10179201
2,2',4,4',5,5'-Hexachlorobiphenyl (BZ-153)	OR	9040	10179201
2,2',4,4',5-Pentachlorobiphenyl (BZ-99)	OR	9175	10179201
2,2',4,5,5'-Pentachlorobiphenyl (BZ-101)	OR	8980	10179201
2,2',4,5'-Tetrachlorobiphenyl (BZ-49)	OR	8950	10179201
2,2',5,5'-Tetrachlorobiphenyl (BZ-52)	OR	8955	10179201
2,2',5-Trichlorobiphenyl (BZ-18)	OR	8930	10179201
2,3,3',4,4',5,5'-Heptachlorobiphenyl (BZ-189)	OR	9085	10179201



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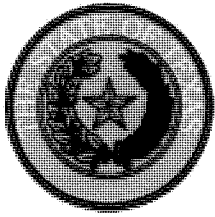
### Matrix: Solid & Chemical Materials

2,3,3',4,4',5-Hexachlorobiphenyl (BZ-156)	OR	9050	10179201
2,3,3',4,4',6-Hexachlorobiphenyl (BZ-158)	OR	9193	10179201
2,3,3',4,4'-Pentachlorobiphenyl (BZ-105)	OR	8985	10179201
2,3,3',4',6-Pentachlorobiphenyl (BZ-110)	OR	8990	10179201
2,3',4,4',5,5'-Hexachlorobiphenyl (BZ-167)	OR	9055	10179201
2,3,4,4',5-Pentachlorobiphenyl (BZ-114)	OR	9005	10179201
2,3',4,4',5-Pentachlorobiphenyl (BZ-118)	OR	8995	10179201
2',3,4,4',5-Pentachlorobiphenyl (BZ-123)	OR	9000	10179201
2,3',4,4'-Tetrachlorobiphenyl (BZ-66)	OR	8960	10179201
2,3',4',5-Tetrachlorobiphenyl (BZ-70)	OR	9230	10179201
2,3-Dichlorobiphenyl (BZ-5)	OR	8920	10179201
2,4,4',5-Tetrachlorobiphenyl (BZ-74)	OR	9250	10179201
2,4,4'-Trichlorobiphenyl (BZ-28)	OR	9252	10179201
2,4',5-Trichlorobiphenyl (BZ-31)	OR	8940	10179201
2,4'-Dichlorobiphenyl (BZ-8)	OR	9256	10179201
2-Chlorobiphenyl (BZ-1)	OR	8915	10179201
Aroclor-1016 (PCB-1016)	OR	8880	10179201
Aroclor-1221 (PCB-1221)	OR	8885	10179201
Aroclor-1232 (PCB-1232)	OR	8890	10179201
Aroclor-1242 (PCB-1242)	OR	8895	10179201
Aroclor-1248 (PCB-1248)	OR	8900	10179201
Aroclor-1254 (PCB-1254)	OR	8905	10179201
Aroclor-1260 (PCB-1260)	OR	8910	10179201
Decachlorobiphenyl (BZ-209)	OR	9105	10179201

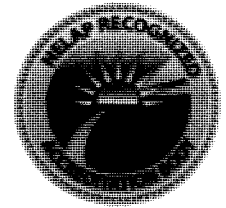
### Method EPA 8141

Analyte	AB	Analyte ID	Method ID
Azinphos-methyl (Guthion)	OR	7075	10182204
Bolstar (Sulprofos)	OR	7125	10182204
Chlorpyrifos (Dursban)	OR	7300	10182204
Coumaphos	OR	7315	10182204





# Texas Commission on Environmental Quality



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1317 South 13th Avenue  
Kelso, WA 98626-2845

**Certificate:** T104704427-18-13  
**Expiration Date:** 9/30/2019  
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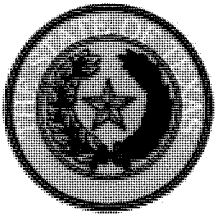
**Matrix: Solid & Chemical Materials**

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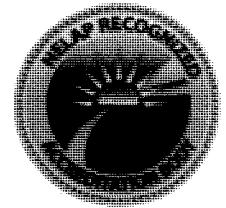
Demeton	OR	7390	10182204
Demeton-o	OR	7395	10182204
Demeton-s	OR	7385	10182204
Diazinon	OR	7410	10182204
Dichlorovos (DDVP, Dichlorvos)	OR	8610	10182204
Dimethoate	OR	7475	10182204
Disulfoton	OR	8625	10182204
EPN (Phosphonothioic acid, phenyl-, O-ethyl O-(p-nitrophenyl) ester)	OR	7550	10182204
Ethoprop	OR	7570	10182204
Fensulfothion	OR	7600	10182204
Fenthion	OR	7605	10182204
Malathion	OR	7770	10182204
Merphos	OR	7785	10182204
Methyl parathion (Parathion, methyl)	OR	7825	10182204
Mevinphos	OR	7850	10182204
Parathion, ethyl	OR	7955	10182204
Phorate	OR	7985	10182204
Ronnel	OR	8110	10182204
Sulfotepp	OR	8155	10182204
Tetrachlorvinphos (Stirophos, Gardona)	OR	8197	10182204
Tokuthion (Prothiophos)	OR	8245	10182204
Trichloronate	OR	8275	10182204

**Method EPA 8151**

Analyte	AB	Analyte ID	Method ID
2,4,5-T	OR	8655	10183207
2,4-D	OR	8545	10183207
2,4-DB	OR	8560	10183207
Dalapon	OR	8555	10183207
Dicamba	OR	8595	10183207
Dichloroprop (Dichlorprop, Weedone)	OR	8605	10183207



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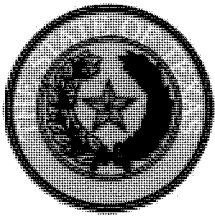
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**Matrix: Solid & Chemical Materials**

Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	OR	8620	10183207
MCPA	OR	7775	10183207
MCPP	OR	7780	10183207
Silvex (2,4,5-TP)	OR	8650	10183207
<b>Method EPA 8260</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
1,1,1,2-Tetrachloroethane	OR	5105	10307003
1,1,1-Trichloroethane	OR	5160	10307003
1,1,2,2-Tetrachloroethane	OR	5110	10307003
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	OR	5195	10307003
1,1,2-Trichloroethane	OR	5165	10307003
1,1-Dichloroethane	OR	4630	10307003
1,1-Dichloroethylene	OR	4640	10307003
1,1-Dichloropropene	OR	4670	10307003
1,2,3-Trichlorobenzene	OR	5150	10307003
1,2,4-Trichlorobenzene	OR	5155	10307003
1,2,4-Trimethylbenzene	OR	5210	10307003
1,2-Dibromo-3-chloropropane (DBCP)	OR	4570	10307003
1,2-Dibromoethane (EDB, Ethylene dibromide)	OR	4585	10307003
1,2-Dichlorobenzene	OR	4610	10307003
1,2-Dichloroethane (Ethylene dichloride)	OR	4635	10307003
1,2-Dichloropropane	OR	4655	10307003
1,3,5-Trimethylbenzene	OR	5215	10307003
1,3-Dichlorobenzene	OR	4615	10307003
1,3-Dichloropropane	OR	4660	10307003
1,4-Dichlorobenzene	OR	4620	10307003
1-Chlorohexane	OR	4510	10307003
2,2-Dichloropropane	OR	4665	10307003
2-Butanone (Methyl ethyl ketone, MEK)	OR	4410	10307003
2-Chloroethyl vinyl ether	OR	4500	10307003



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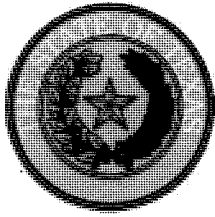
Certificate: T104704427-18-13

Expiration Date: 9/30/2019

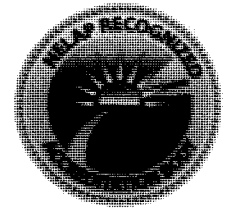
Issue Date: 10/1/2018

### Matrix: *Solid & Chemical Materials*

2-Chlorotoluene	OR	4535	10307003
2-Hexanone (MBK)	OR	4860	10307003
2-Nitropropane	OR	5020	10307003
4-Chlorotoluene	OR	4540	10307003
4-Isopropyltoluene (p-Cymene)	OR	4915	10307003
4-Methyl-2-pentanone (MIBK)	OR	4995	10307003
Acetone (2-Propanone)	OR	4315	10307003
Acetonitrile	OR	4320	10307003
Acrolein (Propenal)	OR	4325	10307003
Acrylonitrile	OR	4340	10307003
Allyl chloride (3-Chloropropene)	OR	4355	10307003
Benzene	OR	4375	10307003
Bromobenzene	OR	4385	10307003
Bromochloromethane	OR	4390	10307003
Bromodichloromethane	OR	4395	10307003
Bromoform	OR	4400	10307003
Carbon disulfide	OR	4450	10307003
Carbon tetrachloride	OR	4455	10307003
Chlorobenzene	OR	4475	10307003
Chlorodibromomethane	OR	4575	10307003
Chloroethane (Ethyl chloride)	OR	4485	10307003
Chloroform	OR	4505	10307003
Chloroprene (2-Chloro-1,3-butadiene)	OR	4525	10307003
cis-1,2-Dichloroethylene	OR	4645	10307003
cis-1,3-Dichloropropene	OR	4680	10307003
Dibromomethane (Methylene bromide)	OR	4595	10307003
Dichlorodifluoromethane (Freon-12)	OR	4625	10307003
Diethyl ether	OR	4725	10307003
Ethyl acetate	OR	4755	10307003
Ethyl methacrylate	OR	4810	10307003



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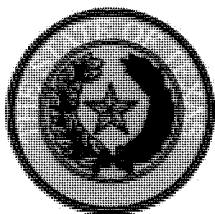
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### Matrix: Solid & Chemical Materials

Ethylbenzene	OR	4765	10307003
Hexachlorobutadiene	OR	4835	10307003
Iodomethane (Methyl iodide)	OR	4870	10307003
Isobutyl alcohol (2-Methyl-1-propanol)	OR	4875	10307003
Isopropylbenzene (Cumene)	OR	4900	10307003
Methacrylonitrile	OR	4925	10307003
Methyl bromide (Bromomethane)	OR	4950	10307003
Methyl chloride (Chloromethane)	OR	4960	10307003
Methyl tert-butyl ether (MTBE)	OR	5000	10307003
Methylene chloride (Dichloromethane)	OR	4975	10307003
Naphthalene	OR	5005	10307003
n-Butylbenzene	OR	4435	10307003
n-Propylbenzene	OR	5090	10307003
sec-Butylbenzene	OR	4440	10307003
Styrene	OR	5100	10307003
tert-Butylbenzene	OR	4445	10307003
Tetrachloroethylene (Perchloroethylene)	OR	5115	10307003
Toluene	OR	5140	10307003
trans-1,2-Dichloroethylene	OR	4700	10307003
trans-1,3-Dichloropropylene	OR	4685	10307003
trans-1,4-Dichloro-2-butene	OR	4605	10307003
Trichloroethene (Trichloroethylene)	OR	5170	10307003
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	OR	5175	10307003
Vinyl acetate	OR	5225	10307003
Vinyl chloride	OR	5235	10307003
Xylene (total)	OR	5260	10307003

### Method EPA 8270

Analyte	AB	Analyte ID	Method ID
1,2,4,5-Tetrachlorobenzene	OR	6715	10186002
1,2,4-Trichlorobenzene	OR	5155	10186002



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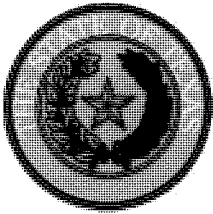
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### Matrix: Solid & Chemical Materials

1,2-Dichlorobenzene	OR	4610	10186002
1,2-Diphenylhydrazine	OR	6220	10186002
1,3-Dichlorobenzene	OR	4615	10186002
1,4-Dichlorobenzene	OR	4620	10186002
2,2'-Oxybis(1-chloropropane) (bis(2-Chloro-1-methylethyl)ether)	OR	4659	10186002
2,3,4,6-Tetrachlorophenol	OR	6735	10186002
2,4,5-Trichlorophenol	OR	6835	10186002
2,4,6-Trichlorophenol	OR	6840	10186002
2,4-Dichlorophenol	OR	6000	10186002
2,4-Dimethylphenol	OR	6130	10186002
2,4-Dinitrophenol	OR	6175	10186002
2,4-Dinitrotoluene (2,4-DNT)	OR	6185	10186002
2,6-Dinitrotoluene (2,6-DNT)	OR	6190	10186002
2-Chloronaphthalene	OR	5795	10186002
2-Chlorophenol	OR	5800	10186002
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	OR	6360	10186002
2-Methylnaphthalene	OR	6385	10186002
2-Methylphenol (o-Cresol)	OR	6400	10186002
2-Nitroaniline	OR	6460	10186002
2-Nitrophenol	OR	6490	10186002
3,3'-Dichlorobenzidine	OR	5945	10186002
3-Methylphenol (m-Cresol)	OR	6405	10186002
3-Nitroaniline	OR	6465	10186002
4-Bromophenyl phenyl ether (BDE-3)	OR	5660	10186002
4-Chloro-3-methylphenol	OR	5700	10186002
4-Chloroaniline	OR	5745	10186002
4-Chlorophenyl phenylether	OR	5825	10186002
4-Methylphenol (p-Cresol)	OR	6410	10186002
4-Nitroaniline	OR	6470	10186002
4-Nitrophenol	OR	6500	10186002



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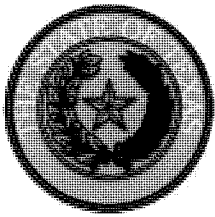
Certificate: T104704427-18-13

Expiration Date: 9/30/2019

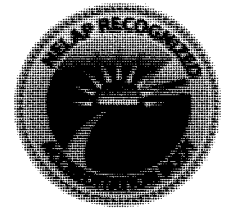
Issue Date: 10/1/2018

### Matrix: *Solid & Chemical Materials*

Acenaphthene	OR	5500	10186002
Acenaphthylene	OR	5505	10186002
Acetophenone	OR	5510	10186002
Aniline	OR	5545	10186002
Anthracene	OR	5555	10186002
Benzo(a)anthracene	OR	5575	10186002
Benzo(a)pyrene	OR	5580	10186002
Benzo(b)fluoranthene	OR	5585	10186002
Benzo(e)pyrene	OR	5605	10186002
Benzo(g,h,i)perylene	OR	5590	10186002
Benzo(k)fluoranthene	OR	5600	10186002
Benzoic acid	OR	5610	10186002
Benzyl alcohol	OR	5630	10186002
Biphenyl	OR	5640	10186002
bis(2-Chloroethoxy)methane	OR	5760	10186002
bis(2-Chloroethyl) ether	OR	5765	10186002
bis(2-Ethylhexyl) phthalate (Di(2-Ethylhexyl) phthalate, DEHP)	OR	6065	10186002
Butyl benzyl phthalate	OR	5670	10186002
Carbazole	OR	5680	10186002
Chrysene	OR	5855	10186002
Dibenz(a,h) anthracene	OR	5895	10186002
Dibenzofuran	OR	5905	10186002
Diethyl phthalate	OR	6070	10186002
Dimethyl phthalate	OR	6135	10186002
Di-n-butyl phthalate	OR	5925	10186002
Di-n-octyl phthalate	OR	6200	10186002
Fluoranthene	OR	6265	10186002
Fluorene	OR	6270	10186002
Hexachlorobenzene	OR	6275	10186002
Hexachlorobutadiene	OR	4835	10186002



# Texas Commission on Environmental Quality



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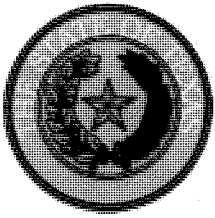
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### Matrix: Solid & Chemical Materials

Hexachlorocyclopentadiene	OR	6285	10186002
Hexachloroethane	OR	4840	10186002
Indeno(1,2,3-cd) pyrene	OR	6315	10186002
Isophorone	OR	6320	10186002
Naphthalene	OR	5005	10186002
Nitrobenzene	OR	5015	10186002
n-Nitrosodimethylamine	OR	6530	10186002
n-Nitrosodi-n-propylamine	OR	6545	10186002
n-Nitrosodiphenylamine	OR	6535	10186002
Pentachlorobenzene	OR	6590	10186002
Pentachlorophenol	OR	6605	10186002
Phenanthrene	OR	6615	10186002
Phenol	OR	6625	10186002
Pyrene	OR	6665	10186002
Pyridine	OR	5095	10186002
<b>Method EPA 8330</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
1,3,5-Trinitrobenzene (1,3,5-TNB)	OR	6885	10308006
1,3-Dinitrobenzene (1,3-DNB)	OR	6160	10308006
2,4,6-Trinitrotoluene (2,4,6-TNT)	OR	9651	10308006
2,4-Dinitrotoluene (2,4-DNT)	OR	6185	10308006
2,6-Dinitrotoluene (2,6-DNT)	OR	6190	10308006
2-Amino-4,6-dinitrotoluene (2-am-dnt)	OR	9303	10308006
2-Nitrotoluene	OR	9507	10308006
3-Nitrotoluene	OR	9510	10308006
4-Amino-2,6-dinitrotoluene (4-am-dnt)	OR	9306	10308006
4-Nitrotoluene	OR	9513	10308006
Methyl-2,4,6-trinitrophenylnitramine (tetryl)	OR	6415	10308006
Nitrobenzene	OR	5015	10308006
Nitroglycerin	OR	6485	10308006



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### Matrix: Solid & Chemical Materials

Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	OR	9522	10308006
Pentaerythritol tetranitrate (PETN)	OR	9558	10308006
RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine)	OR	9432	10308006
<b>Method EPA 9012</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Total cyanide	OR	1645	10243206
<b>Method EPA 9056</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
Chloride	OR	1575	10199607
Fluoride	OR	1730	10199607
Nitrate as N	OR	1810	10199607
Sulfate	OR	2000	10199607
<b>Method EPA 9071</b>			
<b>Analyte</b>	<b>AB</b>	<b>Analyte ID</b>	<b>Method ID</b>
n-Hexane Extractable Material (HEM) (O&G)	OR	1803	10201408
Silica Gel Treated n-Hexane Extractable Material (SGT-HEM)	OR	10220	10201408