

# NORTH DAKOTA STATE DEPARTMENT OF HEALTH RECOGNITION OF CERTIFICATION OR ACCREDITATION

The North Dakota State Department of Health recognizes the certification or accreditation of

Legend Technical Services, Inc. - 88 Empire Drive - St. Paul, MN

by

State of Minnesota Department of Health, ELCP

for

All Clean Water Act, Resource Conservation and Recovery Act, Safe Drinking Water Act  
chemical parameters by the methods on the accompanying list of certified parameters for this laboratory

Certification Number: R-065

Date of Issue: January 11, 2017

Expiration Date: December 31, 2017

Covers: 1/1/2017 - 12/31/2017

This certificate remains the property of the North Dakota State Department of Health and may be recalled, for cause, at any time, by the Department. Recognition of an out-of-state laboratory's certification or accreditation from another state certification or accreditation program by the North Dakota State Department of Health is neither an endorsement of the results reported by the laboratory nor a guarantee of the validity or accuracy of the results reported by the laboratory.

  
\_\_\_\_\_  
Acting Director, Lab Services Chemistry Division

  
\_\_\_\_\_  
Certification Officer



**NORTH DAKOTA DEPARTMENT OF HEALTH  
LABORATORY SERVICES DIVISION - CHEMISTRY**  
2635 East Main Avenue, P.O. Box 5520  
Bismarck, North Dakota 58506-5520  
(701) 328-6140 FAX (701) 328-6280

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January 11, 2017

Amy Ostergren  
Legend Technical Services, Inc.  
88 Empire Drive  
St. Paul, MN 55103-

Dear Ms Ostergren:

Legend Technical Services, Inc., hereinafter stated as your laboratory, State of Minnesota Department of Health, ELCP certification for the Clean Water Act and Resource Conservation and Recovery Act and Safe Drinking Water Act parameters by the methods on the enclosed list of certified parameters for your laboratory is being recognized by the North Dakota Environmental Laboratory Certification Program (NDELCP) for the period January 01, 2017 through December 31, 2017. The main requirements for maintaining the recognition of certification are (1) that the NDELCP be notified, in writing, within thirty days of any changes in the status of your laboratory's Minnesota certification for the parameters by the methods on the enclosed list during the effective period of this recognition of certification; and (2) that the NDELCP be sent copies of the reports of your laboratory's participation in water pollution and RCRA proficiency test studies for the parameters by the methods on the enclosed list during the effective period of this recognition of certification.

If your laboratory desires to renew certification with North Dakota when this recognition of certification expires, an authorized representative will need to contact the NDELCP to initiate the renewal process. Anyone having questions about this recognition of your laboratory's Minnesota certification by the NDELCP should call me at 701-328-6172.

Sincerely,

A handwritten signature in blue ink that reads "Cynthia L. Auen".

Cynthia L. Auen  
Laboratory Certification Officer for Chemical Parameters

Copies to: Derek Hall and Brad Torgerson, NDS DH Waste Management Division  
Marty Haroldson, NDS DH Water Quality Division  
Lydia Fewless, NDS DH Municipal Facilities Division

***Certified Parameters for  
Legend Technical Services, Inc.  
88 Empire Drive, St. Paul, MN***

***Issued by  
North Dakota Department of Health  
Laboratory Services Division - Chemistry  
January 11, 2017***

***Certification Period: January 01, 2017 through December 31, 2017***

***Lab Certification No: R-065***

***Based on Certificate No: 1174477***

***From the State of Minnesota Department of Health, ELCP***

<b><i>Program</i></b>	<b><i>Parameter</i></b>	<b><i>Method</i></b>	<b><i>Source #</i></b>	<b><i>Status</i></b>
<b><i>Clean Water Act</i></b>	Alkalinity	2320 B-1997	6	Certified
	Hardness (Total)	2340 B-1997	6	Certified
	Conductivity	2510 B-1997	6	Certified
	Total Solids	2540 B-1997	6	Certified
	Non-filterable Residue (Total Suspended Solids)	2540 D-1997	6	Certified
	Chemical Oxygen Demand (COD)	5220 D-1997	6	Certified
	Aluminum	EPA 200.7	2	Certified
	Antimony	EPA 200.7	2	Certified
	Arsenic	EPA 200.7	2	Certified
	Barium	EPA 200.7	2	Certified
	Beryllium	EPA 200.7	2	Certified
	Boron	EPA 200.7	2	Certified
	Cadmium	EPA 200.7	2	Certified
	Calcium	EPA 200.7	2	Certified
	Chromium	EPA 200.7	2	Certified
	Chromium (Total)	EPA 200.7	2	Certified
	Cobalt	EPA 200.7	2	Certified
	Copper	EPA 200.7	2	Certified
	Hardness (Calcium)	EPA 200.7	2	Certified
	Iron	EPA 200.7	2	Certified
	Lead	EPA 200.7	2	Certified
	Magnesium	EPA 200.7	2	Certified
	Manganese	EPA 200.7	2	Certified
	Molybdenum	EPA 200.7	2	Certified
	Nickel	EPA 200.7	2	Certified
	Potassium	EPA 200.7	2	Certified
	Selenium	EPA 200.7	2	Certified
	Silica (Dissolved)	EPA 200.7	2	Certified
	Silver	EPA 200.7	2	Certified
	Sodium	EPA 200.7	2	Certified
	Thallium	EPA 200.7	2	Certified
	Tin	EPA 200.7	2	Certified

**Program**  
**Clean Water Act**

<b>Parameter</b>	<b>Method</b>	<b>Source #</b>	<b>Status</b>
Titanium	EPA 200.7	2	Certified
Vanadium	EPA 200.7	2	Certified
Zinc	EPA 200.7	2	Certified
Aluminum	EPA 200.8	2	Certified
Antimony	EPA 200.8	2	Certified
Arsenic	EPA 200.8	2	Certified
Barium	EPA 200.8	2	Certified
Beryllium	EPA 200.8	2	Certified
Boron	EPA 200.8	2	Certified
Cadmium	EPA 200.8	2	Certified
Chromium	EPA 200.8	2	Certified
Chromium (Total)	EPA 200.8	2	Certified
Cobalt	EPA 200.8	2	Certified
Copper	EPA 200.8	2	Certified
Iron	EPA 200.8	2	Certified
Lead	EPA 200.8	2	Certified
Manganese	EPA 200.8	2	Certified
Molybdenum	EPA 200.8	2	Certified
Nickel	EPA 200.8	2	Certified
Selenium	EPA 200.8	2	Certified
Silver	EPA 200.8	2	Certified
Thallium	EPA 200.8	2	Certified
Tin	EPA 200.8	2	Certified
Titanium	EPA 200.8	2	Certified
Vanadium	EPA 200.8	2	Certified
Zinc	EPA 200.8	2	Certified
Orthophosphate as P	EPA 365.1	9	Certified
Phosphorus (Total)	EPA 365.1	9	Certified
4,4'-DDD	EPA 608	65	Certified
4,4'-DDE	EPA 608	65	Certified
4,4'-DDT	EPA 608	65	Certified
Aldrin	EPA 608	65	Certified
alpha-BHC	EPA 608	65	Certified
Aroclor 1016	EPA 608	65	Certified
Aroclor 1221	EPA 608	65	Certified
Aroclor 1232	EPA 608	65	Certified
Aroclor 1242	EPA 608	65	Certified
Aroclor 1248	EPA 608	65	Certified
Aroclor 1254	EPA 608	65	Certified
Aroclor 1260	EPA 608	65	Certified
beta-BHC	EPA 608	65	Certified
Chlordane (Technical)	EPA 608	65	Certified
delta-BHC	EPA 608	65	Certified
Dieldrin	EPA 608	65	Certified
Endosulfan I	EPA 608	65	Certified
Endosulfan II	EPA 608	65	Certified
Endosulfan Sulfate	EPA 608	65	Certified
Endrin	EPA 608	65	Certified
Endrin Aldehyde	EPA 608	65	Certified

**Program**  
*Clean Water Act*

**Parameter**

**Method**

**Source # Status**

gamma-BHC (Lindane)	EPA 608	65	Certified
Heptachlor	EPA 608	65	Certified
Heptachlor Epoxide	EPA 608	65	Certified
Toxaphene	EPA 608	65	Certified
1,1,1-Trichloroethane	EPA 624	65	Certified
1,1,1,2-Tetrachloroethane	EPA 624	65	Certified
1,1,2-Trichloroethane	EPA 624	65	Certified
1,1-Dichloroethane	EPA 624	65	Certified
1,1-Dichloroethene	EPA 624	65	Certified
1,2-Dichlorobenzene	EPA 624	65	Certified
1,2-Dichloroethane	EPA 624	65	Certified
1,2-Dichloropropane	EPA 624	65	Certified
1,3-Dichlorobenzene	EPA 624	65	Certified
1,4-Dichlorobenzene	EPA 624	65	Certified
Benzene	EPA 624	65	Certified
Bromodichloromethane	EPA 624	65	Certified
Bromoform	EPA 624	65	Certified
Bromomethane	EPA 624	65	Certified
Carbon Tetrachloride	EPA 624	65	Certified
Chlorobenzene	EPA 624	65	Certified
Chlorodibromomethane	EPA 624	65	Certified
Chloroethane	EPA 624	65	Certified
Chloroform	EPA 624	65	Certified
Chloromethane	EPA 624	65	Certified
Cis-1,3-Dichloropropene	EPA 624	65	Certified
Ethylbenzene	EPA 624	65	Certified
Methylene chloride	EPA 624	65	Certified
Tetrachloroethene	EPA 624	65	Certified
Toluene	EPA 624	65	Certified
Trans-1,2-Dichloroethene	EPA 624	65	Certified
Trans-1,3-Dichloropropene	EPA 624	65	Certified
Trichloroethene	EPA 624	65	Certified
Trichlorofluoromethane	EPA 624	65	Certified
Vinyl chloride (chloroethene)	EPA 624	65	Certified
1,2,4-Trichlorobenzene	EPA 625	65	Certified
2,4,6-Trichlorophenol	EPA 625	65	Certified
2,4-Dichlorophenol	EPA 625	65	Certified
2,4-Dimethylphenol	EPA 625	65	Certified
2,4-Dinitrophenol	EPA 625	65	Certified
2,4-Dinitrotoluene	EPA 625	65	Certified
2,6-Dinitrotoluene	EPA 625	65	Certified
2-Chloronaphthalene	EPA 625	65	Certified
2-Chlorophenol	EPA 625	65	Certified
2-Methyl-4,6-dinitrophenol	EPA 625	65	Certified
2-Nitrophenol	EPA 625	65	Certified
3,3'-Dichlorobenzidine	EPA 625	65	Certified
4-Bromophenyl Phenyl Ether	EPA 625	65	Certified
4-Chloro-3-methylphenol	EPA 625	65	Certified
4-Chlorophenyl Phenyl Ether	EPA 625	65	Certified

**Program**  
**Clean Water Act**

**Parameter**

**Method**

**Source # Status**

4-Nitrophenol	EPA 625	65	Certified
Acenaphthene	EPA 625	65	Certified
Acenaphthylene	EPA 625	65	Certified
Anthracene	EPA 625	65	Certified
Benzidine	EPA 625	65	Certified
Benzo(a)anthracene	EPA 625	65	Certified
Benzo(a)pyrene	EPA 625	65	Certified
Benzo(b)fluoranthene	EPA 625	65	Certified
Benzo(g,h,i)perylene	EPA 625	65	Certified
Benzo(k)fluoranthene	EPA 625	65	Certified
bis(2-chloroethoxy)methane	EPA 625	65	Certified
bis(2-Chloroethyl)ether	EPA 625	65	Certified
Butyl benzyl phthalate	EPA 625	65	Certified
Chrysene	EPA 625	65	Certified
Di(2-ethylhexyl)phthalate	EPA 625	65	Certified
Dibenz(a,h)anthracene	EPA 625	65	Certified
Diethyl phthalate	EPA 625	65	Certified
Dimethyl phthalate	EPA 625	65	Certified
Di-n-butyl phthalate	EPA 625	65	Certified
Di-n-octyl phthalate	EPA 625	65	Certified
Fluoranthene	EPA 625	65	Certified
Fluorene	EPA 625	65	Certified
Hexachlorobenzene	EPA 625	65	Certified
Hexachlorobutadiene	EPA 625	65	Certified
Hexachlorocyclopentadiene	EPA 625	65	Certified
Hexachloroethane	EPA 625	65	Certified
Indeno(1,2,3-cd)pyrene	EPA 625	65	Certified
Isophorone	EPA 625	65	Certified
Naphthalene	EPA 625	65	Certified
Nitrobenzene	EPA 625	65	Certified
N-Nitrosodimethylamine	EPA 625	65	Certified
N-Nitrosodi-n-propylamine	EPA 625	65	Certified
N-Nitrosodiphenylamine	EPA 625	65	Certified
Pentachlorophenol	EPA 625	65	Certified
Phenanthrene	EPA 625	65	Certified
Phenol	EPA 625	65	Certified
Pyrene	EPA 625	65	Certified

**Resource Conservation and Recovery Act**

Aluminum	SW846 6010C	96	Certified
Antimony	SW846 6010C	96	Certified
Arsenic	SW846 6010C	96	Certified
Barium	SW846 6010C	96	Certified
Beryllium	SW846 6010C	96	Certified
Boron	SW846 6010C	96	Certified
Cadmium	SW846 6010C	96	Certified
Calcium	SW846 6010C	96	Certified
Chromium	SW846 6010C	96	Certified
Cobalt	SW846 6010C	96	Certified

<b>Program</b>	<b>Parameter</b>	<b>Method</b>	<b>Source #</b>	<b>Status</b>
<i>Resource Conservation and Recovery Act</i>				
	Copper	SW846 6010C	96	Certified
	Iron	SW846 6010C	96	Certified
	Lead	SW846 6010C	96	Certified
	Magnesium	SW846 6010C	96	Certified
	Manganese	SW846 6010C	96	Certified
	Mercury	SW846 6010C	96	Certified
	Molybdenum	SW846 6010C	96	Certified
	Nickel	SW846 6010C	96	Certified
	Potassium	SW846 6010C	96	Certified
	Selenium	SW846 6010C	96	Certified
*	Silica	SW846 6010C	96	Certified
	Silver	SW846 6010C	96	Certified
	Sodium	SW846 6010C	96	Certified
	Strontium	SW846 6010C	96	Certified
	Thallium	SW846 6010C	96	Certified
	Tin	SW846 6010C	96	Certified
	Titanium	SW846 6010C	96	Certified
	Vanadium	SW846 6010C	96	Certified
	Zinc	SW846 6010C	96	Certified
	Aluminum	SW846 6020A	96	Certified
	Antimony	SW846 6020A	96	Certified
	Arsenic	SW846 6020A	96	Certified
	Barium	SW846 6020A	96	Certified
	Beryllium	SW846 6020A	96	Certified
	Boron	SW846 6020A	96	Certified
	Cadmium	SW846 6020A	96	Certified
	Chromium	SW846 6020A	96	Certified
	Cobalt	SW846 6020A	96	Certified
	Copper	SW846 6020A	96	Certified
*	Iron	SW846 6020A	96	Certified
	Lead	SW846 6020A	96	Certified
	Manganese	SW846 6020A	96	Certified
	Mercury	SW846 6020A	96	Certified
	Molybdenum	SW846 6020A	96	Certified
	Nickel	SW846 6020A	96	Certified
	Selenium	SW846 6020A	96	Certified
	Silver	SW846 6020A	96	Certified
	Strontium	SW846 6020A	96	Certified
	Thallium	SW846 6020A	96	Certified
	Tin	SW846 6020A	96	Certified
	Titanium	SW846 6020A	96	Certified
	Vanadium	SW846 6020A	96	Certified
	Zinc	SW846 6020A	96	Certified
**	Mercury	SW846 7473	96	Certified
	Diesel Range Organics	SW846 8015D	101	Certified
	Ethylene Glycol	SW846 8015D	101	Certified
	Gasoline Range Organics	SW846 8015D	101	Certified
	4,4'-DDD	SW846 8081A	84	Certified
	4,4'-DDE	SW846 8081A	84	Certified

<b>Program</b>	<b>Parameter</b>	<b>Method</b>	<b>Source #</b>	<b>Status</b>
<b>Resource Conservation and Recovery Act</b>	4,4'-DDT	SW846 8081A	84	Certified
	Aldrin	SW846 8081A	84	Certified
	alpha-BHC	SW846 8081A	84	Certified
	alpha-chlordane	SW846 8081A	84	Certified
	beta-BHC	SW846 8081A	84	Certified
	delta-BHC	SW846 8081A	84	Certified
	Dieldrin	SW846 8081A	84	Certified
	Endosulfan I	SW846 8081A	84	Certified
	Endosulfan II	SW846 8081A	84	Certified
	Endosulfan Sulfate	SW846 8081A	84	Certified
	Endrin	SW846 8081A	84	Certified
	Endrin Aldehyde	SW846 8081A	84	Certified
	Endrin Ketone	SW846 8081A	84	Certified
	gamma-BHC (Lindane)	SW846 8081A	84	Certified
	gamma-chlordane	SW846 8081A	84	Certified
	Heptachlor	SW846 8081A	84	Certified
	Heptachlor Epoxide	SW846 8081A	84	Certified
	Methoxychlor	SW846 8081A	84	Certified
	Toxaphene	SW846 8081A	84	Certified
	4,4'-DDD	SW846 8081B	96	Certified
	4,4'-DDE	SW846 8081B	96	Certified
	4,4'-DDT	SW846 8081B	96	Certified
	Aldrin	SW846 8081B	96	Certified
	alpha-BHC	SW846 8081B	96	Certified
	alpha-chlordane	SW846 8081B	96	Certified
	beta-BHC	SW846 8081B	96	Certified
	delta-BHC	SW846 8081B	96	Certified
	Dieldrin	SW846 8081B	96	Certified
	Endosulfan I	SW846 8081B	96	Certified
	Endosulfan II	SW846 8081B	96	Certified
	Endosulfan Sulfate	SW846 8081B	96	Certified
	Endrin	SW846 8081B	96	Certified
	Endrin Aldehyde	SW846 8081B	96	Certified
	Endrin Ketone	SW846 8081B	96	Certified
	gamma-BHC (Lindane)	SW846 8081B	96	Certified
	gamma-chlordane	SW846 8081B	96	Certified
	Heptachlor	SW846 8081B	96	Certified
	Heptachlor Epoxide	SW846 8081B	96	Certified
	Methoxychlor	SW846 8081B	96	Certified
	Toxaphene	SW846 8081B	96	Certified
	Aroclor 1016	SW846 8082	84	Certified
	Aroclor 1221	SW846 8082	84	Certified
	Aroclor 1232	SW846 8082	84	Certified
	Aroclor 1242	SW846 8082	84	Certified
	Aroclor 1248	SW846 8082	84	Certified
	Aroclor 1254	SW846 8082	84	Certified
	Aroclor 1260	SW846 8082	84	Certified
	Aroclor 1016	SW846 8082A	96	Certified
	Aroclor 1221	SW846 8082A	96	Certified



<b>Program</b>	<b>Parameter</b>	<b>Method</b>	<b>Source #</b>	<b>Status</b>
<i>Resource Conservation and Recovery Act</i>				
	Aroclor 1232	SW846 8082A	96	Certified
	Aroclor 1242	SW846 8082A	96	Certified
	Aroclor 1248	SW846 8082A	96	Certified
	Aroclor 1254	SW846 8082A	96	Certified
	Aroclor 1260	SW846 8082A	96	Certified
	1,1,1,2-Tetrachloroethane	SW846 8260B	84	Certified
	1,1,1-Trichloroethane	SW846 8260B	84	Certified
	1,1,2,2-Tetrachloroethane	SW846 8260B	84	Certified
	1,1,2-Trichloroethane	SW846 8260B	84	Certified
	1,1-Dichloroethane	SW846 8260B	84	Certified
	1,1-Dichloroethene	SW846 8260B	84	Certified
	1,1-Dichloropropene	SW846 8260B	84	Certified
	1,2,3-Trichlorobenzene	SW846 8260B	84	Certified
	1,2,3-Trichloropropane	SW846 8260B	84	Certified
	1,2,4-Trichlorobenzene	SW846 8260B	84	Certified
	1,2,4-Trimethylbenzene	SW846 8260B	84	Certified
	1,2-Dibromo-3-Chloropropane (DBCP)	SW846 8260B	84	Certified
	1,2-Dibromoethane	SW846 8260B	84	Certified
	1,2-Dichlorobenzene	SW846 8260B	84	Certified
	1,2-Dichloroethane	SW846 8260B	84	Certified
	1,2-Dichloropropane	SW846 8260B	84	Certified
	1,3,5-Trimethylbenzene	SW846 8260B	84	Certified
	1,3-Dichlorobenzene	SW846 8260B	84	Certified
	1,3-Dichloropropane	SW846 8260B	84	Certified
	1,4-Dichlorobenzene	SW846 8260B	84	Certified
	2,2-Dichloropropane	SW846 8260B	84	Certified
	2-butanone	SW846 8260B	84	Certified
	2-Chlorotoluene	SW846 8260B	84	Certified
	4-Chlorotoluene	SW846 8260B	84	Certified
	4-Isopropyltoluene	SW846 8260B	84	Certified
	4-methyl 2-pentanone (MIBK)	SW846 8260B	84	Certified
	Acetone	SW846 8260B	84	Certified
	Allyl Chloride	SW846 8260B	84	Certified
	Benzene	SW846 8260B	84	Certified
	Bromobenzene	SW846 8260B	84	Certified
	Bromochloromethane	SW846 8260B	84	Certified
	Bromodichloromethane	SW846 8260B	84	Certified
	Bromoform	SW846 8260B	84	Certified
	Bromomethane	SW846 8260B	84	Certified
	Carbon Tetrachloride	SW846 8260B	84	Certified
	Chlorobenzene	SW846 8260B	84	Certified
	Chlorodibromomethane	SW846 8260B	84	Certified
	Chloroethane	SW846 8260B	84	Certified
	Chloroform	SW846 8260B	84	Certified
	Chloromethane	SW846 8260B	84	Certified
	Cis-1,2-Dichloroethene	SW846 8260B	84	Certified
	Cis-1,3-Dichloropropene	SW846 8260B	84	Certified
	Dibromomethane	SW846 8260B	84	Certified
	Dichlorodifluoromethane	SW846 8260B	84	Certified

<b>Program</b>	<b>Parameter</b>	<b>Method</b>	<b>Source #</b>	<b>Status</b>
<b>Resource Conservation and Recovery Act</b>	Diethyl Ether	SW846 8260B	84	Certified
	Ethylbenzene	SW846 8260B	84	Certified
	Hexachlorobutadiene	SW846 8260B	84	Certified
	Isopropylbenzene	SW846 8260B	84	Certified
	Methylene chloride	SW846 8260B	84	Certified
	Methyl-t-butyl ether (MTBE)	SW846 8260B	84	Certified
	M-P xylene	SW846 8260B	84	Certified
	Naphthalene	SW846 8260B	84	Certified
	n-Butylbenzene	SW846 8260B	84	Certified
	N-Propylbenzene	SW846 8260B	84	Certified
	o-xylene	SW846 8260B	84	Certified
	sec-Butylbenzene	SW846 8260B	84	Certified
	Styrene	SW846 8260B	84	Certified
	Tert-Butylbenzene	SW846 8260B	84	Certified
	Tetrachloroethene	SW846 8260B	84	Certified
	Toluene	SW846 8260B	84	Certified
	Trans-1,2-Dichloroethene	SW846 8260B	84	Certified
	Trans-1,3-Dichloropropene	SW846 8260B	84	Certified
	Trichloroethene	SW846 8260B	84	Certified
	Trichlorofluoromethane	SW846 8260B	84	Certified
	Vinyl chloride (chloroethene)	SW846 8260B	84	Certified
	1,2,4-Trichlorobenzene	SW846 8270C	84	Certified
	1,2-Dichlorobenzene	SW846 8270C	84	Certified
	1,2-Diphenylhydrazine	SW846 8270C	84	Certified
	1,3-Dichlorobenzene	SW846 8270C	84	Certified
	1,4-Dichlorobenzene	SW846 8270C	84	Certified
	2,3,4,6-Tetrachlorophenol	SW846 8270C	84	Certified
	2,4,5-Trichlorophenol	SW846 8270C	84	Certified
	2,4,6-Trichlorophenol	SW846 8270C	84	Certified
	2,4-Dichlorophenol	SW846 8270C	84	Certified
	2,4-Dimethylphenol	SW846 8270C	84	Certified
	2,4-Dinitrophenol	SW846 8270C	84	Certified
	2,4-Dinitrotoluene	SW846 8270C	84	Certified
	2,6-Dichlorophenol	SW846 8270C	84	Certified
	2,6-Dinitrotoluene	SW846 8270C	84	Certified
	2-Chloronaphthalene	SW846 8270C	84	Certified
	2-Chlorophenol	SW846 8270C	84	Certified
	2-Methyl-4,6-dinitrophenol	SW846 8270C	84	Certified
	2-Methylnaphthalene	SW846 8270C	84	Certified
	2-Methylphenol (o-Cresol)	SW846 8270C	84	Certified
	2-Nitroaniline	SW846 8270C	84	Certified
	2-Nitrophenol	SW846 8270C	84	Certified
	3,3'-Dichlorobenzidine	SW846 8270C	84	Certified
	** 3-Methylcholanthrene	SW846 8270C	84	Certified
	3-Nitroaniline	SW846 8270C	84	Certified
	4-Bromophenyl Phenyl Ether	SW846 8270C	84	Certified
	4-Chloro-3-methylphenol	SW846 8270C	84	Certified
	4-Chloroaniline	SW846 8270C	84	Certified
	4-Chlorophenyl Phenyl Ether	SW846 8270C	84	Certified

<b>Program</b>	<b>Parameter</b>	<b>Method</b>	<b>Source #</b>	<b>Status</b>
<b>Resource Conservation and Recovery Act</b>				
	4-Methylphenol (p-Cresol)	SW846 8270C	84	Certified
	4-Nitroaniline	SW846 8270C	84	Certified
	4-Nitrophenol	SW846 8270C	84	Certified
**	7,12-Dimethylbenz(a)anthracene	SW846 8270C	84	Certified
	Acenaphthene	SW846 8270C	84	Certified
	Acenaphthylene	SW846 8270C	84	Certified
	Aniline	SW846 8270C	84	Certified
	Anthracene	SW846 8270C	84	Certified
	Benzidine	SW846 8270C	84	Certified
	Benzo(a)anthracene	SW846 8270C	84	Certified
	Benzo(a)pyrene	SW846 8270C	84	Certified
	Benzo(b)fluoranthene	SW846 8270C	84	Certified
	Benzo(g,h,i)perylene	SW846 8270C	84	Certified
	Benzo(k)fluoranthene	SW846 8270C	84	Certified
	Benzoic Acid	SW846 8270C	84	Certified
	Benzyl Alcohol	SW846 8270C	84	Certified
	bis(2-chloroethoxy)methane	SW846 8270C	84	Certified
	bis(2-Chloroethyl)ether	SW846 8270C	84	Certified
	Butyl benzyl phthalate	SW846 8270C	84	Certified
	Chrysene	SW846 8270C	84	Certified
	Di(2-ethylhexyl)phthalate	SW846 8270C	84	Certified
	Dibenz(a,h)anthracene	SW846 8270C	84	Certified
**	Dibenzo(a,j)acridine	SW846 8270C	84	Certified
	Dibenzofuran	SW846 8270C	84	Certified
	Diethyl phthalate	SW846 8270C	84	Certified
	Dimethyl phthalate	SW846 8270C	84	Certified
	Di-n-butyl phthalate	SW846 8270C	84	Certified
	Di-n-octyl phthalate	SW846 8270C	84	Certified
	Fluoranthene	SW846 8270C	84	Certified
	Fluorene	SW846 8270C	84	Certified
	Hexachlorobenzene	SW846 8270C	84	Certified
	Hexachlorobutadiene	SW846 8270C	84	Certified
	Hexachlorocyclopentadiene	SW846 8270C	84	Certified
	Hexachloroethane	SW846 8270C	84	Certified
	Indeno(1,2,3-cd)pyrene	SW846 8270C	84	Certified
	Isophorone	SW846 8270C	84	Certified
	Naphthalene	SW846 8270C	84	Certified
	Nitrobenzene	SW846 8270C	84	Certified
	N-Nitrosodimethylamine	SW846 8270C	84	Certified
	N-Nitrosodi-n-propylamine	SW846 8270C	84	Certified
	N-Nitrosodiphenylamine	SW846 8270C	84	Certified
	Pentachlorophenol	SW846 8270C	84	Certified
	Phenanthrene	SW846 8270C	84	Certified
	Phenol	SW846 8270C	84	Certified
	Pyrene	SW846 8270C	84	Certified
	Pyridine	SW846 8270C	84	Certified
	1,2,4-Trichlorobenzene	SW846 8270D	96	Certified
	1,2-Dichlorobenzene	SW846 8270D	96	Certified
	1,2-Diphenylhydrazine	SW846 8270D	96	Certified

<b>Program</b>	<b>Parameter</b>	<b>Method</b>	<b>Source #</b>	<b>Status</b>
<i>Resource Conservation and Recovery Act</i>				
	1,3-Dichlorobenzene	SW846 8270D	96	Certified
	1,4-Dichlorobenzene	SW846 8270D	96	Certified
	2,3,4,6-Tetrachlorophenol	SW846 8270D	96	Certified
	2,4,5-Trichlorophenol	SW846 8270D	96	Certified
	2,4,6-Trichlorophenol	SW846 8270D	96	Certified
	2,4-Dichlorophenol	SW846 8270D	96	Certified
	2,4-Dimethylphenol	SW846 8270D	96	Certified
	2,4-Dinitrophenol	SW846 8270D	96	Certified
	2,4-Dinitrotoluene	SW846 8270D	96	Certified
	2,6-Dichlorophenol	SW846 8270D	96	Certified
	2,6-Dinitrotoluene	SW846 8270D	96	Certified
	2-Chloronaphthalene	SW846 8270D	96	Certified
	2-Chlorophenol	SW846 8270D	96	Certified
	2-Methylnaphthalene	SW846 8270D	96	Certified
	2-Methylphenol (o-Cresol)	SW846 8270D	96	Certified
	2-Nitroaniline	SW846 8270D	96	Certified
	2-Nitrophenol	SW846 8270D	96	Certified
	3,3'-Dichlorobenzidine	SW846 8270D	96	Certified
	3-Nitroaniline	SW846 8270D	96	Certified
	4-Bromophenyl Phenyl Ether	SW846 8270D	96	Certified
	4-Chloro-3-methylphenol	SW846 8270D	96	Certified
	4-Chloroaniline	SW846 8270D	96	Certified
	4-Chlorophenyl Phenyl Ether	SW846 8270D	96	Certified
	4-Methylphenol (p-Cresol)	SW846 8270D	96	Certified
	4-Nitroaniline	SW846 8270D	96	Certified
	4-Nitrophenol	SW846 8270D	96	Certified
	Acenaphthene	SW846 8270D	96	Certified
	Acenaphthylene	SW846 8270D	96	Certified
	Aniline	SW846 8270D	96	Certified
	Anthracene	SW846 8270D	96	Certified
	Benzidine	SW846 8270D	96	Certified
	Benzo(a)anthracene	SW846 8270D	96	Certified
	Benzo(a)pyrene	SW846 8270D	96	Certified
	Benzo(b)fluoranthene	SW846 8270D	96	Certified
	Benzo(g,h,i)perylene	SW846 8270D	96	Certified
	Benzo(k)fluoranthene	SW846 8270D	96	Certified
	Benzoic Acid	SW846 8270D	96	Certified
	Benzyl Alcohol	SW846 8270D	96	Certified
	bis(2-chloroethoxy)methane	SW846 8270D	96	Certified
	bis(2-Chloroethyl)ether	SW846 8270D	96	Certified
	Butyl benzyl phthalate	SW846 8270D	96	Certified
	Chrysene	SW846 8270D	96	Certified
	Di(2-ethylhexyl)phthalate	SW846 8270D	96	Certified
	Dibenz(a,h)anthracene	SW846 8270D	96	Certified
**	Dibenzo(a,e)pyrene	SW846 8270D	96	Certified
	Dibenzofuran	SW846 8270D	96	Certified
	Diethyl phthalate	SW846 8270D	96	Certified
	Dimethyl phthalate	SW846 8270D	96	Certified
	Di-n-butyl phthalate	SW846 8270D	96	Certified

<i>Program</i>	<i>Parameter</i>	<i>Method</i>	<i>Source #</i>	<i>Status</i>
<i>Resource Conservation and Recovery Act</i>	Di-n-octyl phthalate	SW846 8270D	96	Certified
	Fluoranthene	SW846 8270D	96	Certified
	Fluorene	SW846 8270D	96	Certified
	Hexachlorobenzene	SW846 8270D	96	Certified
	Hexachlorobutadiene	SW846 8270D	96	Certified
	Hexachlorocyclopentadiene	SW846 8270D	96	Certified
	Hexachloroethane	SW846 8270D	96	Certified
	Indeno(1,2,3-cd)pyrene	SW846 8270D	96	Certified
	Isophorone	SW846 8270D	96	Certified
	Naphthalene	SW846 8270D	96	Certified
	Nitrobenzene	SW846 8270D	96	Certified
	N-Nitrosodimethylamine	SW846 8270D	96	Certified
	N-Nitrosodi-n-propylamine	SW846 8270D	96	Certified
	N-Nitrosodiphenylamine	SW846 8270D	96	Certified
	Pentachlorophenol	SW846 8270D	96	Certified
	Phenanthrene	SW846 8270D	96	Certified
	Phenol	SW846 8270D	96	Certified
	Pyrene	SW846 8270D	96	Certified
	Acrylamide	SW846 8316	82	Certified
	* Bromide	SW846 9056A	96	Certified
	* Chloride	SW846 9056A	96	Certified
	* Fluoride	SW846 9056A	96	Certified
	* Nitrate	SW846 9056A	96	Certified
* Nitrite	SW846 9056A	96	Certified	
* Orthophosphate as P	SW846 9056A	96	Certified	
* Sulfate	SW846 9056A	96	Certified	
<i>Safe Drinking Water Act</i>	Aluminum	EPA 200.7	2	Certified
	Arsenic	EPA 200.7	2	Certified
	Barium	EPA 200.7	2	Certified
	Beryllium	EPA 200.7	2	Certified
	Cadmium	EPA 200.7	2	Certified
	Calcium	EPA 200.7	2	Certified
	Chromium	EPA 200.7	2	Certified
	Copper	EPA 200.7	2	Certified
	Iron	EPA 200.7	2	Certified
	Magnesium	EPA 200.7	2	Certified
	Manganese	EPA 200.7	2	Certified
	Nickel	EPA 200.7	2	Certified
	Silica	EPA 200.7	2	Certified
	Silver	EPA 200.7	2	Certified
	Zinc	EPA 200.7	2	Certified
	Aluminum	EPA 200.8	2	Certified
	Antimony	EPA 200.8	2	Certified
	Arsenic	EPA 200.8	2	Certified
	Barium	EPA 200.8	2	Certified
	Beryllium	EPA 200.8	2	Certified
	Cadmium	EPA 200.8	2	Certified

<b>Program</b>	<b>Parameter</b>	<b>Method</b>	<b>Source #</b>	<b>Status</b>
<b>Safe Drinking Water Act</b>	Chromium	EPA 200.8	2	Certified
	Copper	EPA 200.8	2	Certified
	Lead	EPA 200.8	2	Certified
	Manganese	EPA 200.8	2	Certified
	Mercury	EPA 200.8	2	Certified
	Nickel	EPA 200.8	2	Certified
	Silver	EPA 200.8	2	Certified
	Thallium	EPA 200.8	2	Certified
	Zinc	EPA 200.8	2	Certified
	Chloride	EPA 300.0	9	Certified
	Fluoride	EPA 300.0	9	Certified
	Nitrate	EPA 300.0	9	Certified
	Orthophosphate	EPA 300.0	9	Certified
	Sulfate	EPA 300.0	9	Certified
	Orthophosphate as P	EPA 365.1	9	Certified

### **Symbol Reference**

- \* Limited to RCRA Water Samples Only
- \*\* Limited to RCRA Solid Samples Only

### **Source Reference**

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- 6 Standard Methods for the Examination of Water and Wastewater, 20th edition (1998), American Public Health Association
- 9 "Methods for the Determination of Inorganic Substances in Environmental Samples", EPA/600/R-93-100, August 1993
- 65 40 CFR Part 136, Appendix A
- 82 Test Methods for Evaluating Solid Waste Physical Chemical Methods (SW846) Third Edition, as amended by Update II, September 1994, EPA Office of Solid Waste and Emergency Response
- 84 Test Methods for Evaluating Solid Waste Physical Chemical Methods (SW846) Third Edition, as amended by Update III, December 1996, EPA Office of Solid Waste and Emergency Response
- 96 Test Methods for Evaluating Solid Waste Physical Chemical Methods (SW846) Third Edition, as amended by Final Update IV, February 2007, EPA Office of Solid Waste and Emergency Response
- 101 [www.epa.gov/sw-846](http://www.epa.gov/sw-846) (SW-846 On-Line: New Methods)