

Iowa Department of Natural Resources Laboratory Certification

This is to certify that

Eurofins Eaton Analytical, LLC

110 South Hill Street
South Bend, IN 46617

IA Lab #098

has complied with 567 Iowa Administrative Code Chapter 83 and is
certified to analyze samples for some or all of the analytes in the following programs:

Safe Drinking Water Act (SDWA)

The specific analytes and methods that have been certified are contained on the "Approved Parameter List"
attached to the above-named laboratory's most current letter of certification.

*Effective 11/01/2019
Expires 11/01/2021*

*Certification status may change during the certificate
period and possession of this certificate does not provide
authority to analyze samples or use methods other than
those specified in the most recent letter of certification
from the Iowa Department of Natural Resources.*



Kathleen A. Lee
Laboratory Certification Authority

CHANGES FROM PRIOR CERTIFICATE

Prog.	Cont. ID #	Contaminant Name	Method	Method Code	Status
SDWA	2950	Trihalomethanes (Total)	524.3	524.3	Certified
SDWA	2943	Bromodichloromethane	524.3	524.3	Certified
SDWA	2942	Bromoform	524.3	524.3	Certified
SDWA	2944	Chlorodibromomethane	524.3	524.3	Certified
SDWA	2941	Chloroform	524.3	524.3	Certified
SDWA	2414	1,2,3-Trichloropropane	524.3	524.3	Certified
SDWA	2931	1,2-Dibromo-3-chloropropane (DBCP)	524.3	524.3	Certified
SDWA	2946	1,2-Dibromoethane (EDB)	524.3	524.3	Certified

End of list.

(Refer to the SHL evaluation report for additional information regarding status.)

APPROVED PARAMETER LIST

Contaminant ID #	Contaminant Name	Source	Method Name	Status	SDWIS Report Code
SDWA-IOC - Lead/Copper Regulated (COMPLETE group)					
1030	Lead	EPA	200.8 Rev 5.4 (1994)	Certified	200.8
1022	Copper	EPA	200.8 Rev 5.4 (1994)	Certified	200.8
SDWA-IOC - A/S #1 Regulated (COMPLETE group)					
1074	Antimony	EPA	200.8 Rev 5.4 (1994)	Certified	200.8
1005	Arsenic	EPA	200.8 Rev 5.4 (1994)	Certified	200.8
1010	Barium	EPA	200.8 Rev 5.4 (1994)	Certified	200.8
1075	Beryllium	EPA	200.8 Rev 5.4 (1994)	Certified	200.8
1015	Cadmium	EPA	200.8 Rev 5.4 (1994)	Certified	200.8
1020	Chromium	EPA	200.8 Rev 5.4 (1994)	Certified	200.8
1025	Fluoride	EPA	300.0 Rev 2.1 (1993)	Certified	300.0
1025	Fluoride	SM	4500-F C (ISE)	Certified	4500F-C
1035	Mercury	EPA	245.1 Rev 3.0 (1994)	Certified	245.1
1036	Nickel	EPA	200.8 Rev 5.4 (1994)	Certified	200.8
1045	Selenium	EPA	200.8 Rev 5.4 (1994)	Certified	200.8
1052	Sodium	EPA	200.7 Rev 4.4 (1994)	Certified	200.7
1085	Thallium	EPA	200.8 Rev 5.4 (1994)	Certified	200.8
SDWA-IOC - Nitrate/Nitrite Regulated (COMPLETE group)					
1040	Nitrate (as N)	EPA	300.0 Rev 2.1 (1993)	Certified	300.0
1040	Nitrate (as N)	EPA	353.2 Rev 2.0 (1993)	Certified	353.2
1041	Nitrite (as N)	EPA	353.2 Rev 2.0 (1993)	Certified	353.2
SDWA-IOC - A/S #1 Unregulated (INCOMPLETE group)					
1011	Bromate	EPA	317.0	Certified	317.0
1080	Chromium VI (Dissolved)	EPA	218.6 Rev 3.3 (1994)	Certified	218.6
1028	Iron	EPA	200.7 Rev 4.4 (1994)	Certified	200.7
1031	Magnesium	EPA	200.7 Rev 4.4 (1994)	Certified	200.7
1032	Manganese	EPA	200.8 Rev 5.4 (1994)	Certified	200.8
1084	Molybdenum	EPA	200.8 Rev 5.4 (1994)	Certified	200.8
1039	Perchlorate	EPA	331.0	Certified	331.0
1042	Potassium	EPA	200.7 Rev 4.4 (1994)	Certified	200.7
1055	Sulfate	EPA	300.0 Rev 2.1 (1993)	Certified	300.0
1088	Vanadium	EPA	200.8 Rev 5.4 (1994)	Certified	200.8
1095	Zinc	EPA	200.8 Rev 5.4 (1994)	Certified	200.8
SDWA-IOC - A/S #1 Regulated CN (COMPLETE group)					
1024	Cyanide	EPA	335.4 Rev 1.0 (1993)	Certified	335.4
SDWA-IOC - A/S #2 Regulated (COMPLETE group)					
1011	Bromate	EPA	300.1 Rev 1.0 (1997)	Certified	300.1
1004	Bromide	EPA	300.0 Rev 2.1 (1993)	Certified	300.0
1009	Chlorite	EPA	300.0 Rev 2.1 (1993)	Certified	300.0
2919	DOC	SM	5310 C (Oxidation)	Certified	5310C
2920	Total Organic Carbon (TOC)	SM	5310 C (Oxidation)	Certified	5310C
2922	UV absorbance at 254 nm (UV-254)	SM	5910 B	Certified	5910B

APPROVED PARAMETER LIST

Contaminant ID #	Contaminant Name	Source	Method Name	Status	SDWIS Report Code
SDWA-IOC - Other Excluded (INCOMPLETE group)					
1050	Silver	EPA	200.8 Rev 5.4 (1994)	Certified	200.8
1927	Alkalinity, Total	SM	2320 B	Certified	2320B
1919	Calcium	EPA	200.7 Rev 4.4 (1994)	Certified	200.7
1017	Chloride	EPA	300.0 Rev 2.1 (1993)	Certified	300.0
1064	Conductivity	SM	2510 B	Certified	2510B
1997	Langelier Index	SM	2330A&B	Certified	2340B
1915	Hardness (Total as CaCO ₃)	SM	2340 B	Certified	2340B
1031	Magnesium	EPA	200.7 Rev 4.4 (1994)	Certified	200.7
1044	Orthophosphate (as P)	SM	4500-P E (18, 19, 20)	Certified	4500P-E
1925	pH	EPA	150.1 (SDWA only)	Certified	150.1
1042	Potassium	EPA	200.7 Rev 4.4 (1994)	Certified	200.7
1930	Residue-Filterable (TDS)	SM	2540 C	Certified	2540C
1049	Silica	EPA	200.7 Rev 4.4 (1994)	Certified	200.7
SDWA-PHY - Other Unregulated (COMPLETE group)					
100	Turbidity	EPA	180.1 Rev 2.0 (1993)	Certified	180.1
SDWA-ICR - A/S #1 Regulated (INCOMPLETE group)					
1925	pH	EPA	150.1 (SDWA only)	Certified	150.1
1927	Alkalinity, Total	SM	2320 B	Certified	2320B
100	Turbidity	EPA	180.1 Rev 2.0 (1993)	Certified	180.1
1919	Calcium	EPA	200.7 Rev 4.4 (1994)	Certified	200.7
1001	Combined Chlorine	SM	4500-Cl G	Certified	NA
	Total Residual Chlorine	SM	4500-Cl G	Certified	NA
2950	Trihalomethanes (Total)	EPA	524.2	Certified	524.2
2950	Trihalomethanes (Total)	EPA	551.1	Certified	551.1
SDWA-VOC - TTHM Regulated (COMPLETE group)					
2950	Trihalomethanes (Total)	EPA	524.2	Certified	524.2
2950	Trihalomethanes (Total)	EPA	524.3	Certified	524.3
2950	Trihalomethanes (Total)	EPA	551.1	Certified	551.1
2943	Bromodichloromethane	EPA	524.2	Certified	524.2
2943	Bromodichloromethane	EPA	524.3	Certified	524.3
2943	Bromodichloromethane	EPA	551.1	Certified	551.1
2942	Bromoform	EPA	524.2	Certified	524.2
2942	Bromoform	EPA	524.3	Certified	524.3
2942	Bromoform	EPA	551.1	Certified	551.1
2944	Chlorodibromomethane	EPA	524.2	Certified	524.2
2944	Chlorodibromomethane	EPA	524.3	Certified	524.3
2944	Chlorodibromomethane	EPA	551.1	Certified	551.1
2941	Chloroform	EPA	524.2	Certified	524.2
2941	Chloroform	EPA	524.3	Certified	524.3
2941	Chloroform	EPA	551.1	Certified	551.1
SDWA-VOC - A/S #1 Regulated (COMPLETE group)					
2990	Benzene	EPA	524.2	Certified	524.2
2982	Carbon tetrachloride	EPA	524.2	Certified	524.2
2968	o-Dichlorobenzene (1,2)	EPA	524.2	Certified	524.2
2969	p-Dichlorobenzene (1,4)	EPA	524.2	Certified	524.2

APPROVED PARAMETER LIST

Contaminant ID #	Contaminant Name	Source	Method Name	Status	SDWIS Report Code
2980	1,2-Dichloroethane	EPA	524.2	Certified	524.2
2380	cis-1,2-Dichloroethene	EPA	524.2	Certified	524.2
2977	1,1-Dichloroethene	EPA	524.2	Certified	524.2
2979	trans-1,2-Dichloroethene	EPA	524.2	Certified	524.2
2964	Dichloromethane	EPA	524.2	Certified	524.2
2983	1,2-Dichloropropane	EPA	524.2	Certified	524.2
2992	Ethylbenzene	EPA	524.2	Certified	524.2
2989	Chlorobenzene	EPA	524.2	Certified	524.2
2996	Styrene	EPA	524.2	Certified	524.2
2987	Tetrachloroethene	EPA	524.2	Certified	524.2
2991	Toluene	EPA	524.2	Certified	524.2
2378	1,2,4-Trichlorobenzene	EPA	524.2	Certified	524.2
2981	1,1,1-Trichloroethane	EPA	524.2	Certified	524.2
2985	1,1,2-Trichloroethane	EPA	524.2	Certified	524.2
2984	Trichloroethene	EPA	524.2	Certified	524.2
2976	Vinyl Chloride	EPA	524.2	Certified	524.2
2955	Xylenes (Total)	EPA	524.2	Certified	524.2

SDWA-VOC - A/S #1 Unregulated (COMPLETE group)

2993	Bromobenzene	EPA	524.2	Certified	524.2
2943	Bromodichloromethane	EPA	524.2	Certified	524.2
2942	Bromoform	EPA	524.2	Certified	524.2
2214	Bromomethane	EPA	524.2	Certified	524.2
2944	Chlorodibromomethane	EPA	524.2	Certified	524.2
2216	Chloroethane	EPA	524.2	Certified	524.2
2941	Chloroform	EPA	524.2	Certified	524.2
2210	Chloromethane	EPA	524.2	Certified	524.2
2965	o-Chlorotoluene	EPA	524.2	Certified	524.2
2966	p-Chlorotoluene	EPA	524.2	Certified	524.2
2408	Dibromomethane	EPA	524.2	Certified	524.2
2967	m-Dichlorobenzene	EPA	524.2	Certified	524.2
2978	1,1-Dichloroethane	EPA	524.2	Certified	524.2
2412	1,3-Dichloropropane	EPA	524.2	Certified	524.2
2416	2,2-Dichloropropane	EPA	524.2	Certified	524.2
2413	1,3-Dichloropropene (cis & trans)	EPA	524.2	Certified	524.2
2410	1,1-Dichloropropene	EPA	524.2	Certified	524.2
2986	1,1,1,2-Tetrachloroethane	EPA	524.2	Certified	524.2
2988	1,1,2,2-Tetrachloroethane	EPA	524.2	Certified	524.2
2414	1,2,3-Trichloropropane	EPA	524.2	Certified	524.2
2414	1,2,3-Trichloropropane	EPA	524.3	Certified	524.3

SDWA-VOC - A/S #1 Discretionary (INCOMPLETE group)

2430	Bromochloromethane	EPA	524.2	Certified	524.2
2251	Methyl tert-Butyl Ether (MtBE)	EPA	524.2	Certified	524.2
2422	n-Butylbenzene	EPA	524.2	Certified	524.2
2426	tert-Butylbenzene	EPA	524.2	Certified	524.2
2428	sec-Butylbenzene	EPA	524.2	Certified	524.2
2212	Dichlorodifluoromethane	EPA	524.2	Certified	524.2
2246	Hexachlorobutadiene	EPA	524.2	Certified	524.2
2994	Isopropylbenzene	EPA	524.2	Certified	524.2

APPROVED PARAMETER LIST

Contaminant ID #	Contaminant Name	Source	Method Name	Status	SDWIS Report Code
2030	p-Isopropyltoluene	EPA	524.2	Certified	524.2
2248	Naphthalene	EPA	524.2	Certified	524.2
2998	n-Propylbenzene	EPA	524.2	Certified	524.2
2420	1,2,3-Trichlorobenzene	EPA	524.2	Certified	524.2
2218	Fluorotrichloromethane	EPA	524.2	Certified	524.2
2418	1,2,4-Trimethylbenzene	EPA	524.2	Certified	524.2
2424	1,3,5-Trimethylbenzene	EPA	524.2	Certified	524.2
SDWA-SOC - HAA Regulated (COMPLETE group)					
2453	Monobromoacetic acid	EPA	552.2	Certified	552.2
2453	Monobromoacetic acid	EPA	552.3	Certified	552.3
2454	Dibromoacetic acid	EPA	552.2	Certified	552.2
2454	Dibromoacetic acid	EPA	552.3	Certified	552.3
2450	Monochloroacetic acid	EPA	552.2	Certified	552.2
2450	Monochloroacetic acid	EPA	552.3	Certified	552.3
2451	Dichloroacetic acid	EPA	552.2	Certified	552.2
2451	Dichloroacetic acid	EPA	552.3	Certified	552.3
2452	Trichloroacetic acid	EPA	552.2	Certified	552.2
2452	Trichloroacetic acid	EPA	552.3	Certified	552.3
2456	Haloacetic acid (total)	EPA	552.2	Certified	552.2
2456	Haloacetic acid (total)	EPA	552.3	Certified	552.3
SDWA-SOC - A/S #1 Regulated (INCOMPLETE group)					
2959	Chlordane	EPA	505	Certified	505
2005	Endrin	EPA	525.2	Certified	525.2
2065	Heptachlor	EPA	525.2	Certified	525.2
2067	Heptachlor epoxide	EPA	525.2	Certified	525.2
2274	Hexachlorobenzene	EPA	525.2	Certified	525.2
2042	Hexachlorocyclopentadiene	EPA	525.2	Certified	525.2
2010	Lindane	EPA	525.2	Certified	525.2
2015	Methoxychlor	EPA	525.2	Certified	525.2
2020	Toxaphene	EPA	505	Certified	505
2388	Aroclor 1016	EPA	505	Certified	505
2390	Aroclor 1221	EPA	505	Certified	505
2392	Aroclor 1232	EPA	505	Certified	505
2394	Aroclor 1242	EPA	505	Certified	505
2396	Aroclor 1248	EPA	505	Certified	505
2398	Aroclor 1254	EPA	505	Certified	505
2400	Aroclor 1260	EPA	505	Certified	505
SDWA-SOC - A/S #1 Unregulated (COMPLETE group)					
2356	Aldrin	EPA	525.2	Certified	525.2
2070	Dieldrin	EPA	525.2	Certified	525.2
SDWA-SOC - A/S #2 Regulated (COMPLETE group)					
2047	Aldicarb	EPA	531.2	Certified	531.2
2044	Aldicarb Sulfone	EPA	531.2	Certified	531.2
2043	Aldicarb Sulfoxide	EPA	531.2	Certified	531.2
2046	Carbofuran (Furadan)	EPA	531.2	Certified	531.2
2036	Oxamyl	EPA	531.2	Certified	531.2

APPROVED PARAMETER LIST

Contaminant ID #	Contaminant Name	Source	Method Name	Status	SDWIS Report Code
SDWA-SOC - A/S #2 Unregulated (COMPLETE group)					
2021	Carbaryl	EPA	531.2	Certified	531.2
2066	3-Hydroxycarbofuran	EPA	531.2	Certified	531.2
2022	Methomyl	EPA	531.2	Certified	531.2
SDWA-SOC - A/S #3 Regulated (COMPLETE group)					
2105	2,4-D	EPA	515.3	Certified	515.3
	Dacthal diacid (DCPA)	EPA	515.3	Certified	515.3
2031	Dalapon	EPA	515.3	Certified	515.3
2041	Dinoseb (DNBP)	EPA	515.3	Certified	515.3
2326	Pentachlorophenol	EPA	515.3	Certified	515.3
2040	Picloram (Tordon)	EPA	515.3	Certified	515.3
2110	2,4,5-TP (Silvex)	EPA	515.3	Certified	515.3
SDWA-SOC - A/S #3 Unregulated (COMPLETE group)					
2440	Dicamba (Banvel)	EPA	515.3	Certified	515.3
SDWA-SOC - A/S #4 Regulated (COMPLETE group)					
2051	Alachlor (Lasso)	EPA	525.2	Certified	525.2
2050	Atrazine	EPA	525.2	Certified	525.2
2037	Simazine	EPA	525.2	Certified	525.2
SDWA-SOC - A/S #4 Unregulated (COMPLETE group)					
2076	Butachlor	EPA	525.2	Certified	525.2
2045	Metolachlor (Dual)	EPA	525.2	Certified	525.2
2595	Metribuzin (Sencor)	EPA	525.2	Certified	525.2
2077	Propachlor	EPA	525.2	Certified	525.2
SDWA-SOC - A/S #5 Regulated (COMPLETE group)					
2931	1,2-Dibromo-3-chloropropane (DBCP)	EPA	504.1	Certified	504.1
2931	1,2-Dibromo-3-chloropropane (DBCP)	EPA	524.3	Certified	524.3
2946	1,2-Dibromoethane (EDB)	EPA	504.1	Certified	504.1
2946	1,2-Dibromoethane (EDB)	EPA	524.3	Certified	524.3
SDWA-SOC - A/S #6 Regulated (COMPLETE group)					
2035	Di(2-ethylhexyl)adipate	EPA	525.2	Certified	525.2
2039	Di(2-ethylhexyl)phthalate	EPA	525.2	Certified	525.2
SDWA-SOC - A/S #7 Regulated (COMPLETE group)					
2306	Benzo(a)pyrene	EPA	525.2	Certified	525.2
SDWA-SOC - A/S #8 Regulated (COMPLETE group)					
2034	Glyphosate	EPA	547	Certified	547
SDWA-SOC - A/S #9 Regulated (COMPLETE group)					
2032	Diquat	EPA	549.2	Certified	549.2
SDWA-SOC - A/S #10 Regulated (COMPLETE group)					
2033	Endothall	EPA	548.1	Certified	548.1

APPROVED PARAMETER LIST

Contaminant ID #	Contaminant Name	Source	Method Name	Status	SDWIS Report Code
SDWA-RAD - Regulated (INCOMPLETE group)					
4000	Gross Alpha Excluding Uranium	SM	7110 B	Certified	7110B/200.8
4000	Gross Alpha Excluding Uranium	SM	7110 C	Certified	7110C/200.8
4002	Gross Alpha Including Uranium	SM	7110 B	Certified	7110B
4002	Gross Alpha Including Uranium	SM	7110 C	Certified	7110C
4100	Gross Beta	SM	7110 B	Certified	7110B
4020	Radium 226	SM	7500-Ra B	Certified	7500-RAB
4010	Radium 226 & 228, Combined	SM	7500-Ra D	Certified	7500-RAB/RAD
4030	Radium 228	SM	7500-Ra D	Certified	7500-RAD
4102	Tritium	EPA	906.0	Certified	906.0
4006	Combined Uranium	EPA	200.8 Rev 5.4 (1994)	Certified	200.8

End of list.

(If status is Provisional, refer to the SHL evaluation report for description and required action to upgrade status to Certified.)

PERSONNEL AND REPORTING REQUIREMENTS

Personnel:

Dale Piechocki, QA Officer	Matthew Hartz, Laboratory Director
Yongtao Li, Technical Director	Nathan Throwbridge, Customer Service Manager
Rhonda Day, Organic Manager	

Reporting Requirements:

SDWA Reporting:

Refer to paragraph 567--IAC 83.6(6)"a". Certified laboratories must report to IDNR all analytical test results for all public water supplies.

- Reporting format: Results must be reported in an electronic format acceptable to the department. Instructions for electronic reporting are contained within a document entitled "Certified Environmental Lab Reporting for the Safe Drinking Water Act (SDWIS)".
- Method Codes: The Safe Drinking Water Information System (SDWIS) reporting code, for each method listed in the parameter list of this certificate, must be used when reporting analytical results to the department.
- Reporting frequency: Laboratories must electronically report weekly. Additionally, results must be received no later than the 7th of the month following the month in which the samples were analyzed.
- Reporting unsafe samples: In addition to monthly reporting, unsafe sample results must be reported within 24 hours after analysis by either fax or email.

Unsafe bacterial samples are considered to be positive routine sample results and results of associated repeat samples.

Unsafe chemical samples are considered to be chemical samples exceeding the MCL and results of associated confirmation samples.

FAX: Fax to 515/725-0287 (alternate number: 515/725-0348) in the format provided or approved by the department.

EMAIL: Email to labfax@dnr.iowa.gov in the format provided or approved by the department.

Note: The bacterial samples subject line must state the words "Positive Bacterial Report for FO {insert field office number}"
The chemical samples subject line must state the words "Chemical Exceedance for FO {insert field office number}"

RECOMMENDATION FROM SHL

To: IDNR
From: SHL Laboratory Appraisal Officers

This recommendation is in accordance with Chapter 83 of the Iowa Administrative Code (IAC-567) for the analyte(s) and method(s) listed in the letter of certification.

LABORATORY INFORMATION

Contact Name	Phone Number	Fax Number
Matthew Hartz, Responsible Party	574/472-5578	
Dale Piechocki, Laboratory Contact	574/472-5523	574/233-8207

Date Fee Paid	Amount Paid	Program	Date Fee Expires
08/08/2019	\$1600.00	SDWA Inorganic Chemicals (IOC)	11/01/2021
08/08/2019	\$400.00	SDWA Radionuclides	11/01/2021
08/08/2019	\$1600.00	SDWA Synthetic Organic Chemicals (SOC)	11/01/2021
08/08/2019	\$1600.00	SDWA Volatile Organic Chemicals	11/01/2021

Program	Date of Iowa onsite	Resident state onsite	Resident state certification expires
SDWA		02/27/2018	09/16/2019



NOV 7 2019

11/01/2019

Eurofins Eaton Analytical, LLC
ATTN: Dale Piechocki, QA Officer
110 South Hill Street
South Bend, IN 46617

IA Lab # 098
Expires: 11/01/2021

Dear Mr. Piechocki:

The Iowa Department of Natural Resources (IDNR) hereby grants certification in accordance with 567 Iowa Administrative Code Chapter 83 for Eurofins Eaton Analytical, LLC in South Bend, IN, to analyze environmental samples for the following programs: Safe Drinking Water Act (SDWA). Specific analytes and methods certified are contained on the attachments to this letter. **This letter of certification supersedes any prior certification issued by the IDNR.** Changes from your prior certification, if any, are listed in the CHANGES FROM PRIOR CERTIFICATE section of this document.

This letter and all attachments should be reviewed upon receipt to verify that the information is accurate. If problems are noted, IDNR should be contacted in writing within 15 calendar days to request any corrections. A copy of this certification letter and attachments should be provided to all laboratory personnel and must be available for inspection at the laboratory location. It is suggested that you retain copies of prior certifications for record purposes. An embossed Certificate is issued only once in each certification period. If provided, it is intended for display purposes and does not in itself convey certification for analytes, methods, or personnel other than those approved by this or subsequent letters of certification.

This certification is based upon the recommendations of the State Hygienic Laboratory (SHL), and satisfactory performance on performance test (PT) samples for the listed parameters. It is your responsibility to comply with relevant provisions of 567 IAC Chapter 83 throughout the certification period and to notify the IDNR in writing within 30 calendar days of any changes in current certification status such as: change in essential personnel, performance on PT samples, changes in physical facility or changes in the resident state certification (where applicable).

Your assigned IA Lab ID # must be used when reporting results and should be used when corresponding with the IDNR or SHL. If you have any questions, please feel free to contact me at 515/725-0343 or *Kathy.Lee@dnr.iowa.gov*.

Sincerely,

Kathleen A. Lee
Laboratory Certification Authority

c: FILE: IA Lab # 098
Lee Friell, SHL -LOCAL-
FO #0

ATTACHMENTS
Changes from prior certificate
Approved parameter list
Personnel and reporting requirements
Recommendation from SHL
SHL evaluation report
Onsite evaluation form(s) (where applicable)
Certificate (where applicable)

EVALUATION REPORT

The equipment and procedures employed in the microbiological and/or chemical analyses of environmental samples by this laboratory conformed to the provisions in the *"Manual for the Certification of Laboratories Analyzing Environmental Samples for the Iowa Department of Natural Resources"* (2003) except for the items indicated. Chapter 1 of the manual pertains to certification of laboratories analyzing samples of drinking water and incorporates by reference the *"Manual for the Certification of Laboratories Analyzing Drinking Water: Criteria and Procedures, Quality Assurance, Fifth Edition, January 2005"* available at <http://www.epa.gov/safewater/labcert/index.html>. Chapter 2 pertains to laboratories analyzing samples for the underground storage tank program. Chapter 3 pertains to laboratories analyzing samples for the wastewater and sewage sludge disposal programs. Chapter 4 pertains to the laboratories analyzing samples for the solid waste and contaminated site programs.

This report is divided into several sections dealing with aspects of laboratory operations. Deficiencies noted during the evaluation are enumerated followed by recommendations and comments (if applicable). Some deficiencies address requirements that must have documented corrective actions completed within a specific time period as indicated in the "REQUIRED ACTIONS" section(s) of the narrative. Other deficiencies address explicit or implicit requirements of the regulation or method that must be corrected and will be verified during future onsite visits. Some of the recommendations presented concern good laboratory practices and should be carefully considered and implemented whenever possible. Comments address special circumstances or information pertinent to the laboratory.

This report was generated for the Iowa Department of Natural Resources under the Environmental Laboratory Certification Program by the State Hygienic Laboratory. The evaluation was conducted by Jeff Wasson.

State Hygienic Laboratory
2220 S. Ankeny Blvd.
Ankeny, IA 50021
515/725-1600

State Hygienic Laboratory
2490 Crosspark Road
Coralville, IA 52241
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1 GENERAL

This laboratory has pursued reciprocal laboratory certification under the Iowa Safe Drinking Water Act Program. The laboratory possesses current resident state / NELAP certification and has provided an onsite evaluation report with corrective actions. At the time of application, the laboratory had satisfactorily completed PT analyses within the last 12 months for all analyses recommended for full certification.

The laboratory is reminded that the Iowa Administrative Code and Laboratory Certification Manual require the laboratory to submit copies of all PT results to IDNR or the SHL within 30 days of receipt of results. Laboratories using DMR-QA studies to meet annual PT requirements must submit copies of vendor reports as the vendors may not provide the results to Iowa. Submit copies of PT reports to

Iowa Department of Natural Resources
Attn: Kathy Lee
Environmental Laboratory Certification Officer
Environmental Services Division
502 E. 9th Street
Des Moines, IA 50319
Kathy.Lee@dnr.iowa.gov

It is recommended that certification be granted for the analyte-method pairs listed on the letter of certification. This recommendation is based upon receipt of the resident state current certification and verification that an onsite evaluation has been conducted.

1.1 Personnel

Name	Title	Education	Essential
Dale Piechocki	QA Officer	BS.	Yes
Matthew Hartz	Laboratory Director	BS.	Yes
Yongtao Li	Technical Director	PhD.	Yes
Nathan Throwbridge	Customer Service Manager	BS.	Yes
Rhonda Day	Organic Manager	BS.	Yes
Jon Werbiansky	Inorganic Manager	BS.	
Holly Wiseman	Microbiological Manager	BS.	

2 CONCLUSIONS

It is recommended this laboratory be certified to analyze environmental samples and report the results for the parameters listed in the attached letter of certification issued by the Iowa Department of Natural Resources, Environmental Services Division. This certification is contingent upon continued satisfactory performance of annual proficiency testing samples and future evaluations. Items indicated as deficiencies must be corrected. Questions or concerns should be addressed to the appraisal officer(s).