

IOWA DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL LABORATORY CERTIFICATION

State Hygienic Laboratory - Lakeside

IA LAB #393

The above-named laboratory has complied with 567 Iowa Administrative Code Chapter 83 and is certified to analyze samples in the programs listed below. Please refer to the accompanying letter of certification for the official list of individual certified analytes & methods. This certificate does not convey certification without the accompanying letter of certification.

~ DW ~ NPW ~

On behalf of the director

Kathleen A. Lee

2 June 2023

Certification Authority

EFFECTIVE: 7/1/2023

EXPIRES: 7/1/2025

Leading Iowans in Caring for Our Natural Resources



APPROVED PARAMETER LIST 2 - METHOD NAME



State Hygienic Laboratory - Lakeside
IA LAB #393

Effective: 07/01/2023
Expires: 07/01/2025

***** Begin Parameter List *****

Method Name	TNI Method Code	Analyte Name	TNI Analyte Code	SDWIS Code	SDWA Code	Regulatory Status
Program: Drinking Water						
EPA 353.2	10067604	Nitrate as N	1810	353.2	1040	C
		Nitrite as N	1840	353.2	1041	C
SM 4500-F ⁻ C	20102209	Fluoride	1730	4500F-C	1025	C
SM 9223 B (Colilert Quanti-Tray)	20211409	E. coli	2525	9223B-QT	3014	C
		Total Coliform	2500	9223B-QT	3100	C
SM 9223 B (Colilert)	20212402	E. coli	2525	9223B-PA	3014	C
		Total Coliform	2500	9223B-PA	3100	C
SM 9223 B (Colilert-18 Quanti-Tray)	20213405	E. coli	2525	9223B-18QT	3014	C
		Total Coliform	2500	9223B-18QT	3100	C
SM 9223 B (Colilert-18)	20214408	E. coli	2525	9223B-18PA	3014	C
		Total Coliform	2500	9223B-18PA	3100	C
Program: Nonpotable Water						
ASTM D516-11	30002245	Sulfate	2000	NA	NA	C
EPA 350.1	10063602	Ammonia as N	1515	NA	NA	C
EPA 351.2	10065404	Total Kjeldahl Nitrogen (TKN)	1795	NA	NA	C
EPA 353.2	10067604	Nitrate as N plus Nitrite as N	1820	NA	NA	C
		Nitrite as N	1840	NA	NA	C
EPA 365.1	10070005	Orthophosphate as P	1870	NA	NA	C
SM 2130 B-2011	20048220	Turbidity	2055	NA	NA	C
SM 2510 B-2011	20048617	Conductivity	1610	NA	NA	C
SM 2540 C-2011	20050413	TDS - Residue, filterable	1955	NA	NA	C
SM 2540 D -2011	20051212	TSS - Residue, nonfilterable	1960	NA	NA	C
SM 4500-Cl ⁻ E-2011	20086811	Chloride	1575	NA	NA	C
SM 4500-H ⁺ B-2011	20105220	pH+	1900	NA	NA	C
SM 4500-NH ₃ D-2011	20109415	Ammonia as N	1515	NA	NA	C
SM 5210 B-2011	20135266	Biochemical Oxygen Demand (BOD)	1530	NA	NA	C
		Carbonaceous BOD (CBOD)	1555	NA	NA	C
SM 9223 B (Colilert Quanti-Tray)-2004	20211614	E. coli	2525	NA	NA	C

***** End Parameter List *****