IOWA DEPARTMENT OF NATURAL RESOURCES

GOVERNOR KIM REYNOLDS
DIRECTOR KAYLA LYON

November 6, 2024

Michael Schueller, Associate Director
State Hygienic Laboratory - Coralville
2490 Crosspark Ave
Coralville, IA 52241-4721

IA Lab #027
Expires: 2/1/2026

RE: Laboratory Certification

Dear Michael Schueller :

The Iowa Department of Natural Resources grants Laboratory Certification to State Hygienic Laboratory - Coralville in accordance with 567 Iowa Administrative Code Chapter 83. This letter of certification lists the programs, analytes and methods for which the laboratory is certified. Changes from the prior certification are listed on a separate page before the current analyte/method lists. This letter supersedes all prior letters of certification. A certificate is included for display purposes, but does not confer certification.

The certification document, audit worksheets, and any other enclosures should be self-explanatory. Please review them carefully and share them with your laboratory colleagues and management team. Notify the department in writing within 15 days if there are errors or changes that need to be made to the certification. Please note subrule 83.6(3) requires notification to the department of major changes at the laboratory within 15 days of occurrence. Major changes include changes in essential personnel, missed or failed PT samples, changes in physical facility, failure of key equipment or in the case of reciprocal certification, changes in resident state status.

Please contact me at 515.725.0343 or kathy.lee@dnr.iowa.gov if you have any questions. Please use your laboratory ID in all correspondence. Thank you for your attention and prompt review of the certification document.

Sincerely,

Kathleen A. Lee Digitally signed by Kathleen A. Lee
Date: 2024.11.06 11:32:52 -06'00'

Laboratory Certification Authority
Environmental Services Division

Certification Summary

Certification Type:	Update	**Programs:**	Drinking Water, Nonpotable Water, Solid Waste/Contaminated Sites (Water), UST (Water), Solid Waste/Contaminated Sites (Soil & Sludge), UST (Soil & Sludge)
Effective:	November 06, 2024		
Expires:	February 01, 2026		
Lab Type:	Public	**Regulatory Status:**	Certified
		Applicable To:	Laboratory
		(NPDES # N/A | **PWS #** N/A)	

Corrective Action Due Dates (see corresponding section of Evaluation Report)

No Corrective Actions at this time.

Iowa DNR Environmental Compliance Reporting Requirements:

All Laboratories - Laboratories that provide analyses for outside clients must include the minimum report elements listed at subrule 567 IAC 83.6(6). Programs with additional requirements are described below.
Drinking Water - Laboratories must be familiar with all of the reporting requirements described in subrule 567 IAC 83.6(6). Analytical results must be reported to and received by the department by the **seventh day** of the month following the month in which the samples were analyzed.

In addition to the monthly reporting of the analytical results, results of positive routine coliform bacteria samples, and all repeat and follow-up samples, must be reported within **24 hours** of the completion of each sample's analysis. Results of any contaminant which exceeds public drinking water standards (maximum contaminant level, treatment technique, action level, or health advisory), and any subsequent confirmation samples must be reported within **24 hours** of the completion of each sample's analysis. [subsection 567 IAC 83.6(6)"a"(1)4(4)].

24-hour notifications must be emailed to lab.fax@dnr.iowa.gov. Instructions for properly completing the email are located on the Labcert website. For results outside of routine business hours, the results also must be reported to the department's Environmental Emergency Reporting Hotline number at (515)725-8694.

Nonpotable Water - Laboratories must maintain records of monitoring activities and results described in Subrule 567 IAC 63.2(2).

Underground Storage Tanks - Rule 567 IAC 5.16(455B) describes the analytical methods for determination of petroleum contamination in soil and water, and the elements required on an analytical report.

Solid Waste/Contaminated Sites - There are no specific reporting requirements for these programs.

Iowa DNR Rules may be viewed or downloaded from the Iowa Legislature website for your information and use.

Comments From Certification Authority:

The certification was updated to reflect that the laboratory is using EPA Method 537.1 R2 in drinking water.

Pursuant to Subrule 567 IAC 83.6(5), this certification, if expired, shall remain in effect provided State Hygienic Laboratory - Coralville has submitted a timely and complete application, until certification is renewed or revoked by the Laboratory Certification Authority.

APPROVED PARAMETER LIST 2 - METHOD NAME

State Hygienic Laboratory - Coralville
IA LAB #027

Effective: 11/06/2024
Expires: 02/01/2026

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

Method Name	TNI Method Code	Analyte Name	TNI Analyte Code	SDWIS Code	SDWA Code	Regulatory Status
Program: Drinking Water						
EPA 00-02 (GPC)	10234409	Gross alpha including radon and U	2830	00-02	4002	C
EPA 00-02 (GPC) (also requires 200.8)	10234409*	Gross alpha excluding radon & uranium	2833	00-02/200.8	4000	C
EPA 353.2	10067604	Nitrate as N	1810	353.2	1040	C
		Nitrite as N	1840	353.2	1041	C
EPA 365.1	10070005	Orthophosphate as P	1870	365.1	1044	C
EPA 508	10085208	Chlordane (tech.)	7250	508	2959	C
		Endrin	7540	508	2005	C
		gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	7120	508	2010	C
		Heptachlor	7685	508	2065	C
		Heptachlor epoxide	7690	508	2067	C
		Hexachlorobenzene	6275	508	2274	C
		Hexachlorocyclopentadiene	6285	508	2042	C
		Methoxychlor	7810	508	2015	C
		Toxaphene (Chlorinated Camphene)	8250	508	2020	C
EPA 515.3	10088401	2,4-D	8545	515.3	2105	C
		Dalapon	8555	515.3	2031	C
		Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	8620	515.3	2041	C
		Pentachlorophenol	6605	515.3	2326	C
		Picloram	8645	515.3	2040	C
		Silvex (2,4,5-TP)	8650	515.3	2110	C
EPA 524.2	10088809	1,1,1-Trichloroethane	5160	524.2	2981	C
		1,1,2-Trichloroethane	5165	524.2	2985	C
		1,1-Dichloroethylene	4640	524.2	2977	C
		1,2,4-Trichlorobenzene	5155	524.2	2378	C
		1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	524.2	2968	C
		1,2-Dichloroethane (Ethylene dichloride)	4635	524.2	2980	C
		1,2-Dichloropropane	4655	524.2	2983	C
		1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	524.2	2969	C
		Benzene	4375	524.2	2990	C
		Bromodichloromethane	4395	524.2	2943	C
		Bromoform	4400	524.2	2942	C
		Carbon Tetrachloride	4455	524.2	2982	C
		Chlorobenzene	4475	524.2	2989	C
		Chlorodibromomethane	4575	524.2	2944	C
		Chloroform	4505	524.2	2941	C
		cis-1,2-Dichloroethylene	4645	524.2	2380	C
		Ethylbenzene	4765	524.2	2992	C
		Methyl tert-butyl ether (MTBE)	5000	524.2	2251	C
		Methylene chloride (Dichloromethane)	4975	524.2	2964	C
		Styrene	5100	524.2	2996	C
		Tetrachloroethylene (Perchloroethylene)	5115	524.2	2987	C
		Toluene	5140	524.2	2991	C
		trans-1,2-Dichloroethylene	4700	524.2	2979	C
		Trichloroethene (Trichloroethylene)	5170	524.2	2984	C
		TTHM	5205	524.2	2950	C
		Vinyl chloride (Chloroethene)	5235	524.2	2976	C
		Xylenes (total)	5260	524.2	2955	C
EPA 525.2	10090003	Alachlor	7005	525.2	2051	C
		Atrazine	7065	525.2	2050	C
		Benzo(a)pyrene	5580	525.2	2306	C
		Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	6065	525.2	2039	C
		Di(2-ethylhexyl)adipate	6062	525.2	2035	C

Method Name	TNI Method Code	Analyte Name	TNI Analyte Code	SDWIS Code	SDWA Code	Regulatory Status
		Simazine	8125	525.2	2037	C
EPA 533	10091619	9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9CL-PF3ONS)	6952	533	2814	C
		1 H, 1 H, 2H, 2H-Perfluoroctane sulfonic acid (6:2FTS)	6947	533	2820	C
		1 H, 1 H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	6948	533	2822	C
		1 H, 1 H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	6946	533	2821	C
		11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CL-PF3OUdS)	9490	533	2813	C
		4,8-dioxa-3H-perfluorononanoic acid (ADONA)	6951	533	2815	C
		Hexafluoropropylene oxide dimer acid (HFPO-DA)	9460	533	2816	C
		Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	6956	533	2827	C
		Perflourohexanesulfonic Acid (PFHxS)	6927	533	2803	C
		Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6957	533	2826	C
		Perfluoro-3-methoxypropanoic acid (PFMPA)	6965	533	2823	C
		Perfluoro-4-methoxybutanoic acid (PFMBA)	6966	533	2825	C
		Perfluorobutanesulfonic Acid (PFBS)	6918	533	2801	C
		Perfluorobutanoic acid (PFBA)	6915	533	2819	C
		Perfluoroctanesulfonic Acid (PFOS)	6931	533	2805	C
		Perfluoroctanoic Acid (PFOA)	6912	533	2806	C
		Perfluorodecanoic Acid (PFDA)	6905	533	2807	C
		Perfluorododecanoic acid (PFDoA)	6903	533	2808	C
		Perfluoroheptanesulfonic acid (PFHpS)	9470	533	2829	C
		Perfluoroheptanoic Acid (PFHpA)	6908	533	2802	C
		Perfluorohexanoic Acid (PFHxA)	6913	533	2809	C
		Perfluorononanoic Acid (PFNA)	6906	533	2804	C
		Perfluoropentanesulfonic acid (PFPeS)	6934	533	2828	C
		Perfluoropentanoic acid (PFPeA)	6914	533	2824	C
		Perfluoroundecanoic Acid (PFUnA)	6904	533	2812	C
EPA 537.1 R2	10091595	9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9CL-PF3ONS)	6952	537.1	2814	C
		11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CL-PF3OUdS)	9490	537.1	2813	C
		4,8-dioxa-3H-perfluorononanoic acid (ADONA)	6951	537.1	2815	C
		Hexafluoropropylene oxide dimer acid (HFPO-DA)	9460	537.1	2816	C
		N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4846	537.1	2817	C
		N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4847	537.1	2818	C
		Perflourohexanesulfonic Acid (PFHxS)	6927	537.1	2803	C
		Perfluorobutanesulfonic Acid (PFBS)	6918	537.1	2801	C
		Perfluoroctanesulfonic Acid (PFOS)	6931	537.1	2805	C
		Perfluoroctanoic Acid (PFOA)	6912	537.1	2806	C
		Perfluorodecanoic Acid (PFDA)	6905	537.1	2807	C
		Perfluorododecanoic acid (PFDoA)	6903	537.1	2808	C
		Perfluoroheptanoic Acid (PFHpA)	6908	537.1	2802	C
		Perfluorohexanoic Acid (PFHxA)	6913	537.1	2809	C
		Perfluorononanoic Acid (PFNA)	6906	537.1	2804	C
		Perfluorotetradecanoic Acid (PFTA)	6902	537.1	2810	C
		Perfluorotridecanoic Acid (PFTrDA)	9563	537.1	2811	C
		Perfluoroundecanoic Acid (PFUnA)	6904	537.1	2812	C
EPA 547	10092009	Glyphosate	9411	547	2034	C
EPA 549.2	10093400	Diquat	9390	549.2	2032	C
EPA 552.3	10239608	Bromoacetic Acid	9312	552.3	2453	C
		Chloroacetic acid	9336	552.3	2450	C
		Dibromoacetic acid	9357	552.3	2454	C
		Dichloroacetic acid	9360	552.3	2451	C
		Total Haloacetic acids (HAA5)	9414	552.3	2456	C
		Trichloroacetic acid	9642	552.3	2452	C
EPA 900.0	10308200	Gross alpha including radon and U	2830	900.0	4002	C
		Gross Beta Particle Activity	2840	900.0	4100	C
EPA 900.0(also requires 200.8)	10308200*	Gross alpha excluding radon & uranium	2833	900.0/200.8	4000	C

Method Name	TNI Method Code	Analyte Name	TNI Analyte Code	SDWIS Code	SDWA Code	Regulatory Status
EPA 900.0(also requires 908.0)	10308200**	Gross alpha excluding radon & uranium	2833	900.0/908.0	4000	C
EPA 901.1	10308608	Cesium 134	2800	901.1	4270	C
		Iodine-131	2875	901.1	4264	C
EPA 903.0	10309407	Radium-226	2965	903.0	4020	C
EPA 903.0 (Also requires 904.0)	10309407*	Radium 226 & 228	2967	903.0/904.0	4010	C
EPA 904.0	10309805	Radium-228	2970	904.0	4030	C
EPA 905.0	10310006	Strontium- 89	2995	905.0	4172	C
		Strontium- 90	3005	905.0	4174	C
EPA 906.0	10310200	Tritium	3030	906	4102	C
SM 4500-H+ B	20105004	pH+	1900	4500H-B	1925	C
SM 5910 B	20146207	UV 254	2060	5910B	2922	C
SM 7500-U C	20177804	Combined Uranium	1184	7500-UC	4006	C
SM 9215 B	20179811	HPC	2555	9215B	3001	C
SM 9221 B	20186009	E. coli	2525	9221B-10	3014	C
SM 9221 F.1-MF	20197437	E. coli	2525	9221F-MF	3014	C
SM 9221 F.1-PA	20197437-PA	E. coli	2525	9221F-PA	3014	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
SM 9223 B-1997 (Multi-tube)	20037676	Total Coliform	2500	9223B-10	3100	C
Program: Nonpotable Water						
EPA 1664A	10127807	n-Hexane Extractable Material (O&G)	1803	NA	NA	C
EPA 1664B	10261617	n-Hexane Extractable Material (O&G)	1803	NA	NA	C
EPA 353.2	10067604	Nitrate as N	1810	NA	NA	C
		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
		Total Phosphorus	1910	NA	NA	W
EPA 608.3	10296614	4,4'-DDD	7355	NA	NA	C
		4,4'-DDE	7360	NA	NA	C
		4,4'-DDT	7365	NA	NA	C
		Aldrin	7025	NA	NA	C
		alpha-BHC (alpha-Hexachlorocyclohexane)	7110	NA	NA	C
		Aroclor-1016 (PCB-1016)	8880	NA	NA	C
		Aroclor-1221 (PCB-1221)	8885	NA	NA	C
		Aroclor-1232 (PCB-1232)	8890	NA	NA	C
		Aroclor-1242 (PCB-1242)	8895	NA	NA	C
		Aroclor-1248 (PCB-1248)	8900	NA	NA	C
		Aroclor-1254 (PCB-1254)	8905	NA	NA	C
		Aroclor-1260 (PCB-1260)	8910	NA	NA	C
		Chlordane (tech.)	7250	NA	NA	C
		delta-BHC (delta-Hexachlorocyclohexane)	7105	NA	NA	C
		Dieldrin	7470	NA	NA	C
		Endosulfan I	7510	NA	NA	C
		Endosulfan II	7515	NA	NA	C
		Endosulfan sulfate	7520	NA	NA	C
		Endrin	7540	NA	NA	C
		Endrin aldehyde	7530	NA	NA	C
		gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	7120	NA	NA	C
		Heptachlor	7685	NA	NA	C

Method Name	TNI Method Code	Analyte Name	TNI Analyte Code	SDWIS Code	SDWA Code	Regulatory Status
		Heptachlor epoxide	7690	NA	NA	C
		Methoxychlor	7810	NA	NA	C
		Toxaphene (Chlorinated Camphene)	8250	NA	NA	C
EPA 624.1	10298121	1,1,1,2-Tetrachloroethane	5105	NA	NA	C
		1,1,1-Trichloroethane	5160	NA	NA	C
		1,1,2,2-Tetrachloroethane	5110	NA	NA	C
		1,1,2-Trichloroethane	5165	NA	NA	C
		1,1-Dichloroethane	4630	NA	NA	C
		1,1-Dichloroethylene	4640	NA	NA	C
		1,2,3-Trichloropropane	5180	NA	NA	C
		1,2,4-Trimethylbenzene	5210	NA	NA	C
		1,2-Dibromo-3-chloropropane (DBCP)	4570	NA	NA	C
		1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	NA	NA	C
		1,2-Dichloroethane (Ethylene dichloride)	4635	NA	NA	C
		1,2-Dichloropropane	4655	NA	NA	C
		1,3,5-Trimethylbenzene	5215	NA	NA	C
		1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	NA	NA	C
		1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	NA	NA	C
		2-Butanone (Methyl ethyl ketone, MEK)	4410	NA	NA	C
		2-Hexanone	4860	NA	NA	C
		4-Methyl-2-pentanone (MIBK)	4995	NA	NA	C
		Acetone	4315	NA	NA	C
		Acrolein (Propenal)	4325	NA	NA	C
		Acrylonitrile	4340	NA	NA	C
		Benzene	4375	NA	NA	C
		Bromodichloromethane	4395	NA	NA	C
		Bromoform	4400	NA	NA	C
		Carbon disulfide	4450	NA	NA	C
		Carbon Tetrachloride	4455	NA	NA	C
		Chlorobenzene	4475	NA	NA	C
		Chlorodibromomethane	4575	NA	NA	C
		Chloroethane (Ethyl chloride)	4485	NA	NA	C
		Chloroform	4505	NA	NA	C
		cis-1,2-Dichloroethylene	4645	NA	NA	C
		cis-1,3-Dichloropropene	4680	NA	NA	C
		Dibromomethane (Methylene bromide)	4595	NA	NA	C
		Ethylbenzene	4765	NA	NA	C
		Methyl bromide (Bromomethane)	4950	NA	NA	C
		Methyl chloride (Chloromethane)	4960	NA	NA	C
		Methyl tert-butyl ether (MTBE)	5000	NA	NA	C
		Methylene chloride (Dichloromethane)	4975	NA	NA	C
		Styrene	5100	NA	NA	C
		Tetrachloroethylene (Perchloroethylene)	5115	NA	NA	C
		Toluene	5140	NA	NA	C
		trans-1,2-Dichloroethylene	4700	NA	NA	C
		trans-1,3-Dichloropropylene	4685	NA	NA	C
		Trichloroethene (Trichloroethylene)	5170	NA	NA	C
		Trichlorofluoromethane (Freon-11)	5175	NA	NA	C
		Vinyl acetate	5225	NA	NA	C
		Vinyl chloride (Chloroethene)	5235	NA	NA	C
		Xylenes (total)	5260	NA	NA	C
EPA 625.1	10300024	1,2,4-Trichlorobenzene	5155	NA	NA	C
		1,2-Diphenylhydrazine	6220	NA	NA	C
		1,4-Dinitrobenzene (1,4-DNB)	6165	NA	NA	C
		2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	4659	NA	NA	C
		2,4,5-Trichlorophenol	6835	NA	NA	C
		2,4,6-Trichlorophenol	6840	NA	NA	C
		2,4-Dichlorophenol	6000	NA	NA	C
		2,4-Dimethylphenol	6130	NA	NA	C

Method Name	TNI Method Code	Analyte Name	TNI Analyte Code	SDWIS Code	SDWA Code	Regulatory Status
		2,4-Dinitrophenol	6175	NA	NA	C
		2,4-Dinitrotoluene (2,4-DNT)	6185	NA	NA	C
		2,6-Dinitrotoluene (2,6-DNT)	6190	NA	NA	C
		2-Chloronaphthalene	5795	NA	NA	C
		2-Chlorophenol	5800	NA	NA	C
		2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	6360	NA	NA	C
		2-Nitrophenol	6490	NA	NA	C
		3,3'-Dichlorobenzidine	5945	NA	NA	C
		4-Bromophenyl phenyl ether (BDE-3)	5660	NA	NA	C
		4-Chloro-3-methyl phenol	5700	NA	NA	C
		4-Chlorophenyl phenyl ether	5825	NA	NA	C
		4-Methylphenol (p-Cresol)	6410	NA	NA	C
		4-Nitrophenol	6500	NA	NA	C
		Acenaphthene	5500	NA	NA	C
		Acenaphthylene	5505	NA	NA	C
		Anthracene	5555	NA	NA	C
		Benzidine	5595	NA	NA	C
		Benzo(a)anthracene	5575	NA	NA	C
		Benzo(a)pyrene	5580	NA	NA	C
		Benzo(g,h,i)perylene	5590	NA	NA	C
		Benzo(k)fluoranthene	5600	NA	NA	C
		Benzoic acid	5610	NA	NA	C
		Benzyl alcohol	5630	NA	NA	C
		bis(2-Chloroethoxy)methane	5760	NA	NA	C
		bis(2-Chloroethyl) ether	5765	NA	NA	C
		Butyl benzyl phthalate	5670	NA	NA	C
		Chrysene	5855	NA	NA	C
		Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	6065	NA	NA	C
		Dibenz(a,h) anthracene	5895	NA	NA	C
		Diethyl phthalate	6070	NA	NA	C
		Dimethyl phthalate	6135	NA	NA	C
		Di-n-butyl phthalate	5925	NA	NA	C
		Di-n-octyl phthalate	6200	NA	NA	C
		Fluoranthene	6265	NA	NA	C
		Fluorene	6270	NA	NA	C
		Hexachlorobenzene	6275	NA	NA	C
		Hexachlorobutadiene	4835	NA	NA	C
		Hexachlorocyclopentadiene	6285	NA	NA	C
		Hexachloroethane	4840	NA	NA	C
		Indeno(1,2,3-cd) pyrene	6315	NA	NA	C
		Isophorone	6320	NA	NA	C
		Naphthalene	5005	NA	NA	C
		Nitrobenzene	5015	NA	NA	C
		n-Nitrosodimethylamine	6530	NA	NA	C
		n-Nitrosodi-n-propylamine	6545	NA	NA	C
		n-Nitrosodiphenylamine	6535	NA	NA	C
		Pentachlorophenol	6605	NA	NA	C
		Phenanthrene	6615	NA	NA	C
		Phenol	6625	NA	NA	C
		Pyrene	6665	NA	NA	C
EPA 900.0 (GPC)	10242601	Gross alpha including radon and U	2830	NA	NA	C
		Gross Beta Particle Activity	2840	NA	NA	C
EPA 900.0 (SC)	10242805	Gross alpha including radon and U	2830	NA	NA	C
SM 4500-Cl G-2011	20081623	Total Residual Chlorine	1940	NA	NA	C
SM 4500-H+ B-2011	20105220	pH+	1900	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

Method Name	TNI Method Code	Analyte Name	TNI Analyte Code	SDWIS Code	SDWA Code	Regulatory Status
SM 9223 B (Colilert-18 Quanti-Tray)-2004	20213610	E. coli	2525	NA	NA	C
Program: Solid Waste/Contaminated Sites (Water)						
EPA 8081B	10178811	4,4'-DDD	7355	NA	NA	C
		4,4'-DDE	7360	NA	NA	C
		4,4'-DDT	7365	NA	NA	C
		Aldrin	7025	NA	NA	C
		alpha-BHC (alpha-Hexachlorocyclohexane)	7110	NA	NA	C
		beta-BHC (beta-Hexachlorocyclohexane)	7115	NA	NA	C
		Chlordane (tech.)	7250	NA	NA	C
		delta-BHC (delta-Hexachlorocyclohexane)	7105	NA	NA	C
		Dieldrin	7470	NA	NA	C
		Endosulfan I	7510	NA	NA	C
		Endosulfan II	7515	NA	NA	C
		Endosulfan sulfate	7520	NA	NA	C
		Endrin	7540	NA	NA	C
		Endrin aldehyde	7530	NA	NA	C
		gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	7120	NA	NA	C
		Heptachlor	7685	NA	NA	C
		Heptachlor epoxide	7690	NA	NA	C
		Methoxychlor	7810	NA	NA	C
		Toxaphene (Chlorinated Camphene)	8250	NA	NA	C
EPA 8082A	10179358	Aroclor-1016 (PCB-1016)	8880	NA	NA	C
		Aroclor-1221 (PCB-1221)	8885	NA	NA	C
		Aroclor-1232 (PCB-1232)	8890	NA	NA	C
		Aroclor-1242 (PCB-1242)	8895	NA	NA	C
		Aroclor-1248 (PCB-1248)	8900	NA	NA	C
		Aroclor-1254 (PCB-1254)	8905	NA	NA	C
		Aroclor-1260 (PCB-1260)	8910	NA	NA	C
EPA 8260B	10184802	1,1,1,2-Tetrachloroethane	5105	NA	NA	C
		1,1,1-Trichloroethane	5160	NA	NA	C
		1,1,2,2-Tetrachloroethane	5110	NA	NA	C
		1,1,2-Trichloroethane	5165	NA	NA	C
		1,1-Dichloroethane	4630	NA	NA	C
		1,1-Dichloroethylene	4640	NA	NA	C
		1,1-Dichloropropene	4670	NA	NA	C
		1,2,3-Trichloropropane	5180	NA	NA	C
		1,2,4-Trimethylbenzene	5210	NA	NA	C
		1,2-Dibromo-3-chloropropane (DBCP)	4570	NA	NA	C
		1,2-Dibromoethane (EDB, Ethylene dibromide)	4585	NA	NA	C
		1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	NA	NA	C
		1,2-Dichloroethane (Ethylene dichloride)	4635	NA	NA	C
		1,2-Dichloropropane	4655	NA	NA	C
		1,3,5-Trimethylbenzene	5215	NA	NA	C
		1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	NA	NA	C
		1,3-Dichloropropane	4660	NA	NA	C
		1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	NA	NA	C
		2,2-Dichloropropane	4665	NA	NA	C
		2-Butanone (Methyl ethyl ketone, MEK)	4410	NA	NA	C
		2-Chlorotoluene (o-Chlorotoluene)	4535	NA	NA	C
		2-Hexanone	4860	NA	NA	C
		4-Chlorotoluene (p-Chlorotoluene)	4540	NA	NA	C
		4-Methyl-2-pentanone (MIBK)	4995	NA	NA	C
		Acetone	4315	NA	NA	C
		Acrylonitrile	4340	NA	NA	C
		Benzene	4375	NA	NA	C
		Bromochloromethane	4390	NA	NA	C
		Bromodichloromethane	4395	NA	NA	C
		Bromoform	4400	NA	NA	C

Method Name	TNI Method Code	Analyte Name	TNI Analyte Code	SDWIS Code	SDWA Code	Regulatory Status
		Carbon disulfide	4450	NA	NA	C
		Carbon Tetrachloride	4455	NA	NA	C
		Chlorobenzene	4475	NA	NA	C
		Chlorodibromomethane	4575	NA	NA	C
		Chloroethane (Ethyl chloride)	4485	NA	NA	C
		Chloroform	4505	NA	NA	C
		cis-1,2-Dichloroethylene	4645	NA	NA	C
		cis-1,3-Dichloropropene	4680	NA	NA	C
		Cumene (Isopropylbenzene)	4900	NA	NA	C
		Dibromomethane (Methylene bromide)	4595	NA	NA	C
		Dichlorodifluoromethane	4625	NA	NA	C
		Ethylbenzene	4765	NA	NA	C
		Hexachlorobutadiene	4835	NA	NA	C
		Methyl bromide (Bromomethane)	4950	NA	NA	C
		Methyl chloride (Chloromethane)	4960	NA	NA	C
		Methyl tert-butyl ether (MTBE)	5000	NA	NA	C
		Methylene chloride (Dichloromethane)	4975	NA	NA	C
		Naphthalene	5005	NA	NA	C
		Styrene	5100	NA	NA	C
		Tetrachloroethylene (Perchloroethylene)	5115	NA	NA	C
		Toluene	5140	NA	NA	C
		trans-1,2-Dichloroethylene	4700	NA	NA	C
		trans-1,3-Dichloropropylene	4685	NA	NA	C
		Trichlorofluoromethane (Freon-11)	5175	NA	NA	C
		Vinyl acetate	5225	NA	NA	C
		Vinyl chloride (Chloroethene)	5235	NA	NA	C
		Xylenes (total)	5260	NA	NA	C
EPA 8260D	10307127	Trichloroethene (Trichloroethylene)	5170	NA	NA	C
EPA 8270C	10185805	2-methylphenol (o-Cresol)	6400	NA	NA	C
		2-Nitroaniline	6460	NA	NA	C
		3-Nitroaniline	6465	NA	NA	C
		4-Nitroaniline	6470	NA	NA	C
		1,2,4-Trichlorobenzene	5155	NA	NA	C
		1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	NA	NA	C
		1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	NA	NA	C
		1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	NA	NA	C
		2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	4659	NA	NA	C
		2,4,5-Trichlorophenol	6835	NA	NA	C
		2,4,6-Trichlorophenol	6840	NA	NA	C
		2,4-Dichlorophenol	6000	NA	NA	C
		2,4-Dimethylphenol	6130	NA	NA	C
		2,4-Dinitrophenol	6175	NA	NA	C
		2,4-Dinitrotoluene (2,4-DNT)	6185	NA	NA	C
		2,6-Dinitrotoluene (2,6-DNT)	6190	NA	NA	C
		2-Chloronaphthalene	5795	NA	NA	C
		2-Chlorophenol	5800	NA	NA	C
		2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	6360	NA	NA	C
		2-Methylnaphthalene	6385	NA	NA	C
		2-Nitrophenol	6490	NA	NA	C
		3,3'-Dichlorobenzidine	5945	NA	NA	C
		3-methylphenol (m-Cresol)	6405	NA	NA	C
		4-Bromophenyl phenyl ether (BDE-3)	5660	NA	NA	C
		4-Chloro-3-methyl phenol	5700	NA	NA	C
		4-Chloroaniline	5745	NA	NA	C
		4-Chlorophenyl phenyl ether	5825	NA	NA	C
		4-Methylphenol (p-Cresol)	6410	NA	NA	C
		4-Nitrophenol	6500	NA	NA	C
		Acenaphthene	5500	NA	NA	C
		Acenaphthylene	5505	NA	NA	C

Method Name	TNI Method Code	Analyte Name	TNI Analyte Code	SDWIS Code	SDWA Code	Regulatory Status
		Acetochlor	4310	NA	NA	C
		Alachlor	7005	NA	NA	C
		Anthracene	5555	NA	NA	C
		Atrazine	7065	NA	NA	C
		Benzidine	5595	NA	NA	C
		Benzo(a)anthracene	5575	NA	NA	C
		Benzo(a)pyrene	5580	NA	NA	C
		Benzo(g,h,i)perylene	5590	NA	NA	C
		Benzo(k)fluoranthene	5600	NA	NA	C
		Benzo[b]fluoranthene	5585	NA	NA	C
		Benzyl alcohol	5630	NA	NA	C
		bis(2-Chloroethoxy)methane	5760	NA	NA	C
		bis(2-Chloroethyl) ether	5765	NA	NA	C
		Butyl benzyl phthalate	5670	NA	NA	C
		Butylate	7175	NA	NA	C
		Carbazole	5680	NA	NA	C
		Chrysene	5855	NA	NA	C
		Cyanazine	7340	NA	NA	C
		Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	6065	NA	NA	C
		Dibenz(a,h) anthracene	5895	NA	NA	C
		Dibenzofuran	5905	NA	NA	C
		Diethyl phthalate	6070	NA	NA	C
		Dimethenamid (Frontier)	7474	NA	NA	C
		Dimethyl phthalate	6135	NA	NA	C
		Di-n-butyl phthalate	5925	NA	NA	C
		Di-n-octyl phthalate	6200	NA	NA	C
		Disulfoton	8625	NA	NA	C
		Fluoranthene	6265	NA	NA	C
		Fluorene	6270	NA	NA	C
		Fonofos	7640	NA	NA	C
		Hexachlorobenzene	6275	NA	NA	C
		Hexachlorobutadiene	4835	NA	NA	C
		Hexachlorocyclopentadiene	6285	NA	NA	C
		Hexachloroethane	4840	NA	NA	C
		Indeno(1,2,3-cd) pyrene	6315	NA	NA	C
		Isophorone	6320	NA	NA	C
		Malathion	7770	NA	NA	C
		Methyl Parathion	7825	NA	NA	C
		Metribuzin	7845	NA	NA	C
		Naphthalene	5005	NA	NA	C
		Nitrobenzene	5015	NA	NA	C
		n-Nitrosodimethylamine	6530	NA	NA	C
		n-Nitrosodi-n-propylamine	6545	NA	NA	C
		n-Nitrosodiphenylamine	6535	NA	NA	C
		Parathion (Ethyl Parathion)	7955	NA	NA	C
		Pentachlorophenol	6605	NA	NA	C
		Phenanthrene	6615	NA	NA	C
		Phenol	6625	NA	NA	C
		Phorate	7985	NA	NA	C
		Prometon	8035	NA	NA	C
		Propachlor (Ramrod)	8045	NA	NA	C
		Propazine	8060	NA	NA	C
		Pyrene	6665	NA	NA	C
		Simazine	8125	NA	NA	C
		Terbufos	8185	NA	NA	C
		Trifluralin (Treflan)	8295	NA	NA	C
Iowa OA-1	90013802	Benzene	4375	NA	NA	C
		Ethylbenzene	4765	NA	NA	C
		Toluene	5140	NA	NA	C

Method Name	TNI Method Code	Analyte Name	TNI Analyte Code	SDWIS Code	SDWA Code	Regulatory Status
		Xylenes (total)	5260	NA	NA	C
IOWA OA-2	90016629	Total Extractable Hydrocarbons	6241	NA	NA	C
Program: Solid Waste/Contaminated Sites (Soil & Sludge)						
EPA 8081B	10178811	4,4'-DDD	7355	NA	NA	C
		4,4'-DDE	7360	NA	NA	C
		4,4'-DDT	7365	NA	NA	C
		Aldrin	7025	NA	NA	C
		alpha-BHC (alpha-Hexachlorocyclohexane)	7110	NA	NA	C
		beta-BHC (beta-Hexachlorocyclohexane)	7115	NA	NA	C
		Chlordane (tech.)	7250	NA	NA	C
		delta-BHC (delta-Hexachlorocyclohexane)	7105	NA	NA	C
		Dieldrin	7470	NA	NA	C
		Endosulfan I	7510	NA	NA	C
		Endosulfan II	7515	NA	NA	C
		Endosulfan sulfate	7520	NA	NA	C
		Endrin	7540	NA	NA	C
		Endrin aldehyde	7530	NA	NA	C
		gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	7120	NA	NA	C
		Heptachlor	7685	NA	NA	C
		Heptachlor epoxide	7690	NA	NA	C
		Methoxychlor	7810	NA	NA	C
		Toxaphene (Chlorinated Camphene)	8250	NA	NA	C
EPA 8082A	10179358	Aroclor-1016 (PCB-1016)	8880	NA	NA	C
		Aroclor-1221 (PCB-1221)	8885	NA	NA	C
		Aroclor-1232 (PCB-1232)	8890	NA	NA	C
		Aroclor-1242 (PCB-1242)	8895	NA	NA	C
		Aroclor-1248 (PCB-1248)	8900	NA	NA	C
		Aroclor-1254 (PCB-1254)	8905	NA	NA	C
		Aroclor-1260 (PCB-1260)	8910	NA	NA	C
EPA 8260B	10184802	1,1,1,2-Tetrachloroethane	5105	NA	NA	C
		1,1,1-Trichloroethane	5160	NA	NA	C
		1,1,2,2-Tetrachloroethane	5110	NA	NA	C
		1,1,2-Trichloroethane	5165	NA	NA	C
		1,1-Dichloroethane	4630	NA	NA	C
		1,1-Dichloroethylene	4640	NA	NA	C
		1,1-Dichloropropene	4670	NA	NA	C
		1,2,3-Trichloropropane	5180	NA	NA	C
		1,2,4-Trimethylbenzene	5210	NA	NA	C
		1,2-Dibromo-3-chloropropane (DBCP)	4570	NA	NA	C
		1,2-Dibromoethane (EDB, Ethylene dibromide)	4585	NA	NA	C
		1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	NA	NA	C
		1,2-Dichloroethane (Ethylene dichloride)	4635	NA	NA	C
		1,2-Dichloropropane	4655	NA	NA	C
		1,3,5-Trimethylbenzene	5215	NA	NA	C
		1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	NA	NA	C
		1,3-Dichloropropane	4660	NA	NA	C
		1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	NA	NA	C
		2,2-Dichloropropane	4665	NA	NA	C
		2-Butanone (Methyl ethyl ketone, MEK)	4410	NA	NA	C
		2-Chlorotoluene (o-Chlorotoluene)	4535	NA	NA	C
		2-Hexanone	4860	NA	NA	C
		4-Chlorotoluene (p-Chlorotoluene)	4540	NA	NA	C
		4-Methyl-2-pentanone (MIBK)	4995	NA	NA	C
		Acetone	4315	NA	NA	C
		Acrylonitrile	4340	NA	NA	C
		Benzene	4375	NA	NA	C
		Bromochloromethane	4390	NA	NA	C
		Bromodichloromethane	4395	NA	NA	C
		Bromoform	4400	NA	NA	C

Method Name	TNI Method Code	Analyte Name	TNI Analyte Code	SDWIS Code	SDWA Code	Regulatory Status
		Carbon disulfide	4450	NA	NA	C
		Carbon Tetrachloride	4455	NA	NA	C
		Chlorobenzene	4475	NA	NA	C
		Chlorodibromomethane	4575	NA	NA	C
		Chloroethane (Ethyl chloride)	4485	NA	NA	C
		Chloroform	4505	NA	NA	C
		cis-1,2-Dichloroethylene	4645	NA	NA	C
		cis-1,3-Dichloropropene	4680	NA	NA	C
		Cumene (Isopropylbenzene)	4900	NA	NA	C
		Dibromomethane (Methylene bromide)	4595	NA	NA	C
		Dichlorodifluoromethane	4625	NA	NA	C
		Ethylbenzene	4765	NA	NA	C
		Methyl bromide (Bromomethane)	4950	NA	NA	C
		Methyl chloride (Chloromethane)	4960	NA	NA	C
		Methyl tert-butyl ether (MTBE)	5000	NA	NA	C
		Methylene chloride (Dichloromethane)	4975	NA	NA	C
		Naphthalene	5005	NA	NA	C
		Styrene	5100	NA	NA	C
		Tetrachloroethylene (Perchloroethylene)	5115	NA	NA	C
		Toluene	5140	NA	NA	C
		trans-1,2-Dichloroethylene	4700	NA	NA	C
		trans-1,3-Dichloropropylene	4685	NA	NA	C
		Trichlorofluoromethane (Freon-11)	5175	NA	NA	C
		Vinyl acetate	5225	NA	NA	C
		Vinyl chloride (Chloroethene)	5235	NA	NA	C
		Xylenes (total)	5260	NA	NA	C
EPA 8260D	10307127	Trichloroethene (Trichloroethylene)	5170	NA	NA	C
EPA 8270C	10185805	2-methylphenol (o-Cresol)	6400	NA	NA	C
		2-Nitroaniline	6460	NA	NA	C
		3-Nitroaniline	6465	NA	NA	C
		4-Nitroaniline	6470	NA	NA	C
		1,2,4-Trichlorobenzene	5155	NA	NA	C
		1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	NA	NA	C
		1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	NA	NA	C
		1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	NA	NA	C
		2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	4659	NA	NA	C
		2,4,5-Trichlorophenol	6835	NA	NA	C
		2,4,6-Trichlorophenol	6840	NA	NA	C
		2,4-Dichlorophenol	6000	NA	NA	C
		2,4-Dimethylphenol	6130	NA	NA	C
		2,4-Dinitrophenol	6175	NA	NA	C
		2,4-Dinitrotoluene (2,4-DNT)	6185	NA	NA	C
		2,6-Dinitrotoluene (2,6-DNT)	6190	NA	NA	C
		2-Chloronaphthalene	5795	NA	NA	C
		2-Chlorophenol	5800	NA	NA	C
		2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	6360	NA	NA	C
		2-Methylnaphthalene	6385	NA	NA	C
		2-Nitrophenol	6490	NA	NA	C
		3,3'-Dichlorobenzidine	5945	NA	NA	C
		3-methylphenol (m-Cresol)	6405	NA	NA	C
		4-Bromophenyl phenyl ether (BDE-3)	5660	NA	NA	C
		4-Chloro-3-methyl phenol	5700	NA	NA	C
		4-Chloroaniline	5745	NA	NA	C
		4-Chlorophenyl phenyl ether	5825	NA	NA	C
		4-Methylphenol (p-Cresol)	6410	NA	NA	C
		4-Nitrophenol	6500	NA	NA	C
		Acenaphthene	5500	NA	NA	C
		Acenaphthylene	5505	NA	NA	C

Method Name	TNI Method Code	Analyte Name	TNI Analyte Code	SDWIS Code	SDWA Code	Regulatory Status
		Acetochlor	4310	NA	NA	C
		Alachlor	7005	NA	NA	C
		Anthracene	5555	NA	NA	C
		Atrazine	7065	NA	NA	C
		Benzidine	5595	NA	NA	C
		Benzo(a)anthracene	5575	NA	NA	C
		Benzo(a)pyrene	5580	NA	NA	C
		Benzo(g,h,i)perylene	5590	NA	NA	C
		Benzo(k)fluoranthene	5600	NA	NA	C
		Benzo[b]fluoranthene	5585	NA	NA	C
		Benzyl alcohol	5630	NA	NA	C
		bis(2-Chloroethoxy)methane	5760	NA	NA	C
		bis(2-Chloroethyl) ether	5765	NA	NA	C
		Butyl benzyl phthalate	5670	NA	NA	C
		Butylate	7175	NA	NA	C
		Carbazole	5680	NA	NA	C
		Chrysene	5855	NA	NA	C
		Cyanazine	7340	NA	NA	C
		Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	6065	NA	NA	C
		Dibenz(a,h) anthracene	5895	NA	NA	C
		Dibenzofuran	5905	NA	NA	C
		Diethyl phthalate	6070	NA	NA	C
		Dimethenamid (Frontier)	7474	NA	NA	C
		Dimethyl phthalate	6135	NA	NA	C
		Di-n-butyl phthalate	5925	NA	NA	C
		Di-n-octyl phthalate	6200	NA	NA	C
		Disulfoton	8625	NA	NA	C
		Fluoranthene	6265	NA	NA	C
		Fluorene	6270	NA	NA	C
		Fonofos	7640	NA	NA	C
		Hexachlorobenzene	6275	NA	NA	C
		Hexachlorobutadiene	4835	NA	NA	C
		Hexachlorocyclopentadiene	6285	NA	NA	C
		Hexachloroethane	4840	NA	NA	C
		Indeno(1,2,3-cd) pyrene	6315	NA	NA	C
		Isophorone	6320	NA	NA	C
		Malathion	7770	NA	NA	C
		Methyl Parathion	7825	NA	NA	C
		Metribuzin	7845	NA	NA	C
		Naphthalene	5005	NA	NA	C
		Nitrobenzene	5015	NA	NA	C
		n-Nitrosodimethylamine	6530	NA	NA	C
		n-Nitrosodi-n-propylamine	6545	NA	NA	C
		Parathion (Ethyl Parathion)	7955	NA	NA	C
		Pentachlorophenol	6605	NA	NA	C
		Phenanthrene	6615	NA	NA	C
		Phenol	6625	NA	NA	C
		Phorate	7985	NA	NA	C
		Prometon	8035	NA	NA	C
		Propachlor (Ramrod)	8045	NA	NA	C
		Propazine	8060	NA	NA	C
		Pyrene	6665	NA	NA	C
		Simazine	8125	NA	NA	C
		Terbufos	8185	NA	NA	C
		Trifluralin (Treflan)	8295	NA	NA	C
Iowa OA-1	90013802	Benzene	4375	NA	NA	C
		Ethylbenzene	4765	NA	NA	C
		Toluene	5140	NA	NA	C
		Xylenes (total)	5260	NA	NA	C

Method Name	TNI Method Code	Analyte Name	TNI Analyte Code	SDWIS Code	SDWA Code	Regulatory Status
IOWA OA-2	90016629	Total Extractable Hydrocarbons	6241	NA	NA	C
Program: UST (Water)						
Iowa OA-1	90013802	Benzene	4375	NA	NA	C
		Ethylbenzene	4765	NA	NA	C
		Toluene	5140	NA	NA	C
		Xylenes (total)	5260	NA	NA	C
IOWA OA-2	90016629	Total Extractable Hydrocarbons	6241	NA	NA	C
Program: UST (Soil & Sludge)						
Iowa OA-1	90013802	Benzene	4375	NA	NA	C
		Ethylbenzene	4765	NA	NA	C
		Toluene	5140	NA	NA	C
		Xylenes (total)	5260	NA	NA	C
IOWA OA-2	90016629	Total Extractable Hydrocarbons	6241	NA	NA	C

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