

IOWA DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL LABORATORY CERTIFICATION

State Hygienic Laboratory - Coralville

IA LAB #027

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 ~ SW/CS ~ UST ~

On behalf of the director

EFFECTIVE: 2/1/2024

Kathleen A. Lee

EXPIRES: 2/1/2026

7 February 2024

Certification Authority

Leading Iowans in Caring for Our Natural Resources



February 7, 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: 2024.02.07 16:22:29 -06'00'

Laboratory Certification Authority
Environmental Services Division

Method Name	TNI Method	Analyte Name	TNI Analyte	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 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
		Trichloroethylene (Trichloroethylene)	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		
Code Vinyl chloride (Chloroethene)	Code 5225	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
		Simazine	8125	525.2	2037	C

 APPROVED PARAMETER LIST
 State Hygienic Laboratory - Coralville
 IA LAB #027

APPROVED PARAMETER LIST BY METHOD NAME

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

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

Code

Code

Method Name	TNI Method Code	Analyte Name	TNI Analyte Code	SDWIS Code	SDWA Code	Regulatory Status
EPA 533	10091619	9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9CL-PF3ONS)	6952	533	2814	C
		1 H, 1 H, 2H, 2H-Perfluorooctane 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 (PFEEESA)	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
		Perfluorooctanesulfonic Acid (PFOS)	6931	533	2805	C
		Perfluorooctanoic 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
		Total PFOS & PFOA	6894	533	2830	C
		EPA 537.1	10091642	9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9CL-PF3ONS)	6952	537.1
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
Perfluorooctanesulfonic Acid (PFOS)	6931			537.1	2805	C
Perfluorooctanoic 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
Total PFOS & PFOA	6894			537.1	2830	C
EPA 547	10092009			Glyphosate	9411	547
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

Method Name	TNI Method Code	Analyte Name	TNI Analyte Code	SDWIS Code	SDWA Code	Regulatory Status
EPA 900.0(also requires 200.8)	10308200*	Gross alpha excluding radon & uranium	2833	900.0/200.8	4000	C
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 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
		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

Method Name	TNI Method Code	Analyte Name	TNI Analyte Code	SDWIS Code	SDWA Code	Regulatory Status
		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
		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

Method Name	TNI Method Code	Analyte Name	TNI Analyte Code	SDWIS Code	SDWA Code	Regulatory Status
		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
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

Method Name	TNI Method Code	Analyte Name	TNI Analyte Code	SDWIS Code	SDWA Code	Regulatory Status
		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
		Carbon disulfide	4450	NA	NA	C
		Carbon Tetrachloride	4455	NA	NA	C
		Chlorobenzene	4475	NA	NA	C

Method Name	TNI Method Code	Analyte Name	TNI Analyte Code	SDWIS Code	SDWA Code	Regulatory Status
		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
		Acetochlor	4310	NA	NA	C
		Alachlor	7005	NA	NA	C
		Anthracene	5555	NA	NA	C

Method Name	TNI Method Code	Analyte Name	TNI Analyte Code	SDWIS Code	SDWA Code	Regulatory Status
		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
		Xylenes (total)	5260	NA	NA	C
IOWA OA-2	90016629	Total Extractable Hydrocarbons	6241	NA	NA	C

Program: Solid Waste/Contaminated Sites (Soil & Sludge)

Method Name	TNI Method Code	Analyte Name	TNI Analyte Code	SDWIS Code	SDWA Code	Regulatory Status
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
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-Hexanone	4860	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
		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

Method Name	TNI Method Code	Analyte Name	TNI Analyte Code	SDWIS Code	SDWA Code	Regulatory Status
		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 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
		Acetochlor	4310	NA	NA	C
		Alachlor	7005	NA	NA	C
		Anthracene	5555	NA	NA	C
		Atrazine	7065	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

Method Name	TNI Method Code	Analyte Name	TNI Analyte Code	SDWIS Code	SDWA Code	Regulatory Status
		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
		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
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)						

Method Name	TNI Method Code	Analyte Name	TNI Analyte Code	SDWIS Code	SDWA Code	Regulatory Status
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 *****