



# State of Kansas

Department of Health and Environment

## CERTIFICATE

*This is to certify that Certification No.: E-10372*

State Hygienic Laboratory at The University of Iowa - Coralville

2490 Crosspark Rd  
Coralville, IA 52241-4721

*has been accredited in accordance with K.S.A. 65-1,109a under the standards adopted in K.A.R. 28-15-36 for performing environmental analyses for the parameters listed on the most current scope of accreditation. Continuous accreditation depends on successful, ongoing participation in the program. Clients are urged to verify with this agency the laboratory's certification status for particular methods and analytes.*

Effective Date: 2/1/2024

Expiration Date: 1/31/2025

*SASakakah*

*Carldenton*



Division of Public Health  
Curtis State Office Building  
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Janet Stanek, Secretary

Laura Kelly, Governor

The Kansas Department of Health and Environment encourages all clients and data users to verify the most current scope of accreditation for certification number E-10372

The analytes tested and the corresponding matrix and method which a laboratory is authorized to perform at any given time will be those indicated in the most recently issued scope of accreditation. The most recent scope of accreditation supersedes all previously issued scopes of accreditation. It is the certified laboratory's responsibility to review this document for any discrepancies. This scope of accreditation will be recalled in the event that your laboratory's certification is revoked.

**Accreditation Start: 2/1/2024 Accreditation End: 1/31/2025**

**EPA Number: IA00010**

**Scope of Accreditation for Certification Number: E-10372**

Page 1 of 31

State Hygienic Laboratory at The University of Iowa - Coralville

**Primary AB**

**Program/Matrix: CWA (Non Potable Water)**

**Method EPA 1664A**

n-Hexane Extractable Material (O&G) KS

**Method EPA 445**

Chlorophyll a KS

**Method EPA 515.3**

2,4,5-T KS

2,4-D KS

2,4-DB KS

Acifluorfen KS

Bentazon KS

Chloramben KS

Dacthal (DCPA) KS

Dalapon KS

Dicamba KS

Dichloroprop (Dichlorprop) KS

Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP) KS

Pentachlorophenol KS

Picloram KS

Silvex (2,4,5-TP) KS

**Method EPA 537.1**

11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS) KS

4,8-Dioxa-3H-perfluorononanoic acid (DONA) KS

9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS) KS

Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX) KS

N-Ethylperfluorooctane sulfonamido acetic acid KS

N-Methylperfluorooctane sulfonamido acetic acid KS

Perfluorobutane sulfonic acid (PFBS) KS



Kansas Department of Health and Environment  
Kansas Health Environmental Laboratories  
6810 SE Dwight Street, Topeka, KS 66620



State Hygienic Laboratory at The University of Iowa - Coralville

**Primary AB****Program/Matrix:** *CWA (Non Potable Water)*

|                                       |    |
|---------------------------------------|----|
| Perfluorodecanoic acid (PFDA)         | KS |
| Perfluorododecanoic acid (PFDoA)      | KS |
| Perfluoroheptanoic acid (PFHpA)       | KS |
| Perfluorohexane sulfonic acid (PFHxS) | KS |
| Perfluorohexanoic acid (PFHxA)        | KS |
| Perfluorononanoic acid (PFNA)         | KS |
| Perfluorooctane sulfonic acid (PFOS)  | KS |
| Perfluorooctanoic acid (PFOA)         | KS |
| Perfluorotetradecanoic acid (PFTDA)   | KS |
| Perfluorotridecanoic acid (PFTTrDA)   | KS |
| Perfluoroundecanoic acid (PFUnDA)     | KS |

**Method EPA 608.3 GC-ECD**

|   |    |
|---|----|
| 4,4'-DDD  | KS |
| 4,4'-DDE  | KS |
| 4,4'-DDT  | KS |
| Aldrin  | KS |
| alpha-BHC (alpha-Hexachlorocyclohexane)           | KS |
| alpha-Chlordane, cis-Chlordane                    | KS |
| Aroclor-1016 (PCB-1016)                           | KS |
| Aroclor-1221 (PCB-1221)                           | KS |
| Aroclor-1232 (PCB-1232)                           | KS |
| Aroclor-1242 (PCB-1242)                           | KS |
| Aroclor-1248 (PCB-1248)                           | KS |
| Aroclor-1254 (PCB-1254)                           | KS |
| Aroclor-1260 (PCB-1260)                           | KS |
| beta-BHC (beta-Hexachlorocyclohexane)             | KS |
| Chlordane (tech.)(N.O.S.)                         | KS |
| delta-BHC   | KS |
| Dieldrin  | KS |
| Endosulfan I                                      | KS |
| Endosulfan II                                     | KS |
| Endosulfan sulfate                                | KS |
| Endrin  | KS |
| Endrin aldehyde                                   | KS |
| Endrin ketone                                     | KS |
| gamma-BHC (Lindane, gamma-HexachlorocyclohexaneE) | KS |
| gamma-Chlordane                                   | KS |
| Heptachlor  | KS |
| Heptachlor epoxide                                | KS |
| Methoxychlor                                      | KS |
| Toxaphene (Chlorinated camphene)                  | KS |

**Method EPA 624.1**

|                           |    |
|---------------------------|----|
| 1,1,1,2-Tetrachloroethane | KS |
| 1,1,1-Trichloroethane     | KS |
| 1,1,2,2-Tetrachloroethane | KS |
| 1,1,2-Trichloroethane     | KS |

**Program/Matrix:** CWA (Non Potable Water)

|  |    |
|--|----|
| 1,1-Dichloroethane                               | KS |
| 1,1-Dichloroethylene                             | KS |
| 1,1-Dichloropropene                              | KS |
| 1,2,3-Trichlorobenzene                           | KS |
| 1,2,3-Trichloropropane                           | KS |
| 1,2,4-Trichlorobenzene                           | KS |
| 1,2,4-Trimethylbenzene                           | KS |
| 1,2-Dibromo-3-chloropropane (DBCP)               | KS |
| 1,2-Dibromoethane (EDB, Ethylene dibromide)      | KS |
| 1,2-Dichlorobenzene (o-Dichlorobenzene)          | KS |
| 1,2-Dichloroethane (Ethylene dichloride)         | KS |
| 1,2-Dichloropropane                              | KS |
| 1,3,5-Trimethylbenzene                           | KS |
| 1,3-Dichlorobenzene                              | KS |
| 1,3-Dichloropropane                              | KS |
| 1,4-Dichlorobenzene                              | KS |
| 2,2-Dichloropropane                              | KS |
| 2-Butanone (Methyl ethyl ketone, MEK)            | KS |
| 2-Chloroethyl vinyl ether                        | KS |
| 2-Chlorotoluene                                  | KS |
| 2-Hexanone                                       | KS |
| 4-Chlorotoluene                                  | KS |
| 4-Isopropyltoluene (p-Cymene,p-Isopropyltoluene) | KS |
| 4-Methyl-2-pentanone (MIBK)                      | KS |
| Acetone  | KS |
| Acrolein (Propenal)                              | KS |
| Acrylonitrile                                    | KS |
| Benzene  | KS |
| Bromobenzene                                     | KS |
| Bromochloromethane                               | KS |
| Bromodichloromethane                             | KS |
| Bromoform  | KS |
| Carbon disulfide                                 | KS |
| Carbon tetrachloride                             | KS |
| Chlorobenzene                                    | KS |
| Chlorodibromomethane                             | KS |
| Chloroethane (Ethyl chloride)                    | KS |
| Chloroform                                       | KS |
| cis-1,2-Dichloroethylene                         | KS |
| cis-1,3-Dichloropropene                          | KS |
| Dibromomethane (Methylene bromide)               | KS |
| Dichlorodifluoromethane (Freon-12)               | KS |
| Ethylbenzene                                     | KS |
| Hexachlorobutadiene                              | KS |
| Isopropylbenzene                                 | KS |
| m+p-xylene                                       | KS |
| Methyl bromide (Bromomethane)                    | KS |

State Hygienic Laboratory at The University of Iowa - Coralville

**Primary AB****Program/Matrix:** *CWA (Non Potable Water)*

|   |    |
|---|----|
| Methyl chloride (Chloromethane)                           | KS |
| Methyl tert-butyl ether (MTBE)                            | KS |
| Methylene chloride (Dichloromethane)                      | KS |
| Naphthalene   | KS |
| n-Butylbenzene  | KS |
| n-Propylbenzene   | KS |
| o-Xylene  | KS |
| sec-Butylbenzene  | KS |
| Styrene   | KS |
| tert-Butylbenzene   | KS |
| Tetrachloroethylene (Perchloroethylene)                   | KS |
| Toluene   | KS |
| trans-1,2-Dichloroethylene                                | KS |
| trans-1,3-Dichloropropylene                               | KS |
| Trichloroethene (Trichloroethylene)                       | KS |
| Trichlorofluoromethane (Fluorotrichloromethane, Freon 11) | KS |
| Vinyl acetate   | KS |
| Vinyl chloride  | KS |
| Xylene (total)  | KS |

**Method EPA 625.1**

|  |    |
|--|----|
| 1,2,4-Trichlorobenzene   | KS |
| 1,2-Dichlorobenzene (o-Dichlorobenzene)                        | KS |
| 1,2-Diphenylhydrazine  | KS |
| 1,3-Dichlorobenzene  | KS |
| 1,4-Dichlorobenzene  | KS |
| 2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether | KS |
| 2,4,5-Trichlorophenol  | KS |
| 2,4,6-Trichlorophenol  | KS |
| 2,4-Dichlorophenol   | KS |
| 2,4-Dimethylphenol   | KS |
| 2,4-Dinitrophenol  | KS |
| 2,4-Dinitrotoluene (2,4-DNT)                                   | KS |
| 2,6-Dinitrotoluene (2,6-DNT)                                   | KS |
| 2-Chloronaphthalene  | KS |
| 2-Chlorophenol   | KS |
| 2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)        | KS |
| 2-Methylnaphthalene  | KS |
| 2-Methylphenol (o-Cresol)                                      | KS |
| 2-Nitroaniline   | KS |
| 2-Nitrophenol  | KS |
| 3,3'-Dichlorobenzidine   | KS |
| 3-Nitroaniline   | KS |
| 4-Bromophenyl phenyl ether                                     | KS |
| 4-Chloro-3-methylphenol  | KS |
| 4-Chloroaniline  | KS |
| 4-Chlorophenyl phenylether                                     | KS |

State Hygienic Laboratory at The University of Iowa - Coralville

**Primary AB****Program/Matrix:** *CWA (Non Potable Water)*

|   |    |
|---|----|
| 4-Methylphenol (p-Cresol)                                     | KS |
| 4-Nitroaniline  | KS |
| 4-Nitrophenol   | KS |
| Acenaphthene  | KS |
| Acenaphthylene  | KS |
| Aniline   | KS |
| Anthracene  | KS |
| Benzidine   | KS |
| Benzo(a)anthracene  | KS |
| Benzo(a)pyrene  | KS |
| Benzo(b)fluoranthene  | KS |
| Benzo(g,h,i)perylene  | KS |
| Benzo(k)fluoranthene  | KS |
| Benzoic acid  | KS |
| Benzyl alcohol  | KS |
| bis(2-Chloroethoxy)methane                                    | KS |
| bis(2-Chloroethyl) ether                                      | KS |
| Butyl benzyl phthalate  | KS |
| Carbazole   | KS |
| Chrysene  | KS |
| Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP) | KS |
| Dibenz(a,h) anthracene  | KS |
| Dibenzofuran  | KS |
| Diethyl phthalate   | KS |
| Dimethyl phthalate  | KS |
| Di-n-butyl phthalate  | KS |
| Di-n-octyl phthalate  | KS |
| Fluoranthene  | KS |
| Fluorene  | KS |
| Hexachlorobenzene   | KS |
| Hexachlorobutadiene   | KS |
| Hexachlorocyclopentadiene                                     | KS |
| Hexachloroethane  | KS |
| Indeno(1,2,3-cd) pyrene                                       | KS |
| Isophorone  | KS |
| Naphthalene   | KS |
| Nitrobenzene  | KS |
| n-Nitrosodimethylamine  | KS |
| n-Nitrosodi-n-propylamine                                     | KS |
| n-Nitrosodiphenylamine  | KS |
| Pentachlorophenol   | KS |
| Phenanthrene  | KS |
| Phenol  | KS |
| Pyrene  | KS |
| Pyridine  | KS |

**Method EPA 8081B**

State Hygienic Laboratory at The University of Iowa - Coralville

**Primary AB****Program/Matrix:** *CWA (Non Potable Water)*

|  |    |
|--|----|
| 4,4'-DDD   | KS |
| 4,4'-DDE   | KS |
| 4,4'-DDT   | KS |
| Aldrin   | KS |
| alpha-BHC (alpha-Hexachlorocyclohexane)          | KS |
| alpha-Chlordane, cis-Chlordane                   | KS |
| beta-BHC (beta-Hexachlorocyclohexane)            | KS |
| Chlordane (tech.)(N.O.S.)                        | KS |
| delta-BHC  | KS |
| Dieldrin   | KS |
| Endosulfan I                                     | KS |
| Endosulfan II                                    | KS |
| Endosulfan sulfate                               | KS |
| Endrin   | KS |
| Endrin aldehyde                                  | KS |
| Endrin ketone                                    | KS |
| gamma-BHC (Lindane, gamma-Hexachlorocyclohexane) | KS |
| gamma-Chlordane                                  | KS |
| Heptachlor                                       | KS |
| Heptachlor epoxide                               | KS |
| Methoxychlor                                     | KS |
| Toxaphene (Chlorinated camphene)                 | KS |

**Method EPA 8082A**

|                         |    |
|-------------------------|----|
| Aroclor-1016 (PCB-1016) | KS |
| Aroclor-1221 (PCB-1221) | KS |
| Aroclor-1232 (PCB-1232) | KS |
| Aroclor-1242 (PCB-1242) | KS |
| Aroclor-1248 (PCB-1248) | KS |
| Aroclor-1254 (PCB-1254) | KS |
| Aroclor-1260 (PCB-1260) | KS |

**Method EPA 8260B**

|   |    |
|---|----|
| 1,1,1,2-Tetrachloroethane                   | KS |
| 1,1,1-Trichloroethane                       | KS |
| 1,1,2,2-Tetrachloroethane                   | KS |
| 1,1,2-Trichloroethane                       | KS |
| 1,1-Dichloroethane                          | KS |
| 1,1-Dichloroethylene                        | KS |
| 1,1-Dichloropropene                         | KS |
| 1,2,3-Trichlorobenzene                      | KS |
| 1,2,3-Trichloropropane                      | KS |
| 1,2,4-Trichlorobenzene                      | KS |
| 1,2,4-Trimethylbenzene                      | KS |
| 1,2-Dibromo-3-chloropropane (DBCP)          | KS |
| 1,2-Dibromoethane (EDB, Ethylene dibromide) | KS |
| 1,2-Dichlorobenzene (o-Dichlorobenzene)     | KS |
| 1,2-Dichloroethane (Ethylene dichloride)    | KS |

State Hygienic Laboratory at The University of Iowa - Coralville

**Primary AB****Program/Matrix:** *CWA (Non Potable Water)*

|  |    |
|--|----|
| 1,2-Dichloropropane                              | KS |
| 1,3,5-Trimethylbenzene                           | KS |
| 1,3-Dichlorobenzene                              | KS |
| 1,3-Dichloropropane                              | KS |
| 1,4-Dichlorobenzene                              | KS |
| 2,2-Dichloropropane                              | KS |
| 2-Butanone (Methyl ethyl ketone, MEK)            | KS |
| 2-Chloroethyl vinyl ether                        | KS |
| 2-Chlorotoluene                                  | KS |
| 2-Hexanone                                       | KS |
| 4-Chlorotoluene                                  | KS |
| 4-Isopropyltoluene (p-Cymene,p-Isopropyltoluene) | KS |
| 4-Methyl-2-pentanone (MIBK)                      | KS |
| Acetone  | KS |
| Acrolein (Propenal)                              | KS |
| Acrylonitrile                                    | KS |
| Benzene  | KS |
| Bromobenzene                                     | KS |
| Bromochloromethane                               | KS |
| Bromodichloromethane                             | KS |
| Bromoform  | KS |
| Carbon disulfide                                 | KS |
| Carbon tetrachloride                             | KS |
| Chlorobenzene                                    | KS |
| Chlorodibromomethane                             | KS |
| Chloroethane (Ethyl chloride)                    | KS |
| Chloroform                                       | KS |
| cis-1,2-Dichloroethylene                         | KS |
| cis-1,3-Dichloropropene                          | KS |
| Dibromomethane (Methylene bromide)               | KS |
| Dichlorodifluoromethane (Freon-12)               | KS |
| Ethylbenzene                                     | KS |
| Gasoline range organics (GRO)                    | KS |
| Hexachlorobutadiene                              | KS |
| Isopropylbenzene                                 | KS |
| m+p-xylene                                       | KS |
| Methyl bromide (Bromomethane)                    | KS |
| Methyl chloride (Chloromethane)                  | KS |
| Methyl tert-butyl ether (MTBE)                   | KS |
| Methylene chloride (Dichloromethane)             | KS |
| Naphthalene                                      | KS |
| n-Butylbenzene                                   | KS |
| n-Propylbenzene                                  | KS |
| o-Xylene   | KS |
| sec-Butylbenzene                                 | KS |
| Styrene  | KS |
| tert-Butylbenzene                                | KS |



State Hygienic Laboratory at The University of Iowa - Coralville

**Primary AB****Program/Matrix:** *CWA (Non Potable Water)*

|   |    |
|---|----|
| Tetrachloroethylene (Perchloroethylene)                   | KS |
| Toluene   | KS |
| trans-1,2-Dichloroethylene                                | KS |
| trans-1,3-Dichloropropylene                               | KS |
| Trichloroethene (Trichloroethylene)                       | KS |
| Trichlorofluoromethane (Fluorotrichloromethane, Freon 11) | KS |
| Vinyl acetate   | KS |
| Vinyl chloride  | KS |
| Xylene (total)  | KS |

**Method EPA 8270C**

|  |    |
|--|----|
| 1,1,2,2,3,3,4,4,4-Nonafluoro-N,N-bis(2-hydroxyethyl)butane-1-sulfonamide | KS |
| 1,2,4-Trichlorobenzene   | KS |
| 1,2-Dichlorobenzene (o-Dichlorobenzene)                                  | KS |
| 1,3-Dichlorobenzene  | KS |
| 1,4-Dichlorobenzene  | KS |
| 2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether           | KS |
| 2,4,5-Trichlorophenol  | KS |
| 2,4,6-Trichlorophenol  | KS |
| 2,4-Dichlorophenol   | KS |
| 2,4-Dimethylphenol   | KS |
| 2,4-Dinitrophenol  | KS |
| 2,4-Dinitrotoluene (2,4-DNT)   | KS |
| 2,6-Dinitrotoluene (2,6-DNT)   | KS |
| 2-Chloronaphthalene  | KS |
| 2-Chlorophenol   | KS |
| 2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)                  | KS |
| 2-Methylnaphthalene  | KS |
| 2-Methylphenol (o-Cresol)  | KS |
| 2-Nitroaniline   | KS |
| 2-Nitrophenol  | KS |
| 3,3'-Dichlorobenzidine   | KS |
| 3-Methylphenol (m-Cresol)  | KS |
| 3-Nitroaniline   | KS |
| 4-Bromophenyl phenyl ether   | KS |
| 4-Chloro-3-methylphenol  | KS |
| 4-Chloroaniline  | KS |
| 4-Chlorophenyl phenylether   | KS |
| 4-Methylphenol (p-Cresol)  | KS |
| 4-Nitroaniline   | KS |
| 4-Nitrophenol  | KS |
| Acenaphthene   | KS |
| Acenaphthylene   | KS |
| Alachlor   | KS |
| Ametryn  | KS |
| Aniline  | KS |
| Anthracene   | KS |

State Hygienic Laboratory at The University of Iowa - Coralville

**Primary AB****Program/Matrix:** *CWA (Non Potable Water)*

|   |    |
|---|----|
| Atrazine  | KS |
| Benzidine   | KS |
| Benzo(a)anthracene  | KS |
| Benzo(a)pyrene  | KS |
| Benzo(b)fluoranthene  | KS |
| Benzo(g,h,i)perylene  | KS |
| Benzo(k)fluoranthene  | KS |
| Benzoic acid  | KS |
| Benzyl alcohol  | KS |
| bis(2-Chloroethoxy)methane                                    | KS |
| bis(2-Chloroethyl) ether                                      | KS |
| Bromacil  | KS |
| Butachlor   | KS |
| Butyl benzyl phthalate  | KS |
| Butylate  | KS |
| Carbazole   | KS |
| Chlorpyrifos  | KS |
| Chrysene  | KS |
| Cyanazine   | KS |
| Deethyl atrazine (Desethyl atrazine)                          | KS |
| Deisopropyl atrazine  | KS |
| Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP) | KS |
| Dibenz(a,h) anthracene  | KS |
| Dibenzofuran  | KS |
| Diethyl phthalate   | KS |
| Dimethenamid  | KS |
| Dimethyl phthalate  | KS |
| Di-n-butyl phthalate  | KS |
| Di-n-octyl phthalate  | KS |
| Disulfoton  | KS |
| EPTC (Eptam, s-ethyl-dipropyl thio carbamate)                 | KS |
| Ethoprop  | KS |
| Fluoranthene  | KS |
| Fluorene  | KS |
| Fonophos (Fonofos)  | KS |
| Hexachlorobenzene   | KS |
| Hexachlorobutadiene   | KS |
| Hexachlorocyclopentadiene                                     | KS |
| Hexachloroethane  | KS |
| Indeno(1,2,3-cd) pyrene                                       | KS |
| Isophorone  | KS |
| Malathion   | KS |
| Methyl parathion (Parathion, methyl)                          | KS |
| Metolachlor   | KS |
| Metribuzin  | KS |
| Naphthalene   | KS |
| Nitrobenzene  | KS |

State Hygienic Laboratory at The University of Iowa - Coralville

**Primary AB****Program/Matrix:** *CWA (Non Potable Water)*

|   |    |
|---|----|
| n-Nitrosodimethylamine                                  | KS |
| n-Nitrosodi-n-propylamine                               | KS |
| n-Nitrosodiphenylamine                                  | KS |
| Parathion, ethyl  | KS |
| Pentachlorophenol                                       | KS |
| Phenanthrene  | KS |
| Phenol  | KS |
| Phorate   | KS |
| Prometon  | KS |
| Propachlor (Ramrod)                                     | KS |
| Propazine   | KS |
| Pyrene  | KS |
| Pyridine  | KS |
| Simazine  | KS |
| Terbufos  | KS |
| Trifluralin (Treflan)                                   | KS |
| <b>Method EPA 900.0</b>                                 |    |
| Gross-alpha   | KS |
| Gross-beta  | KS |
| <b>Method EPA 901.1</b>                                 |    |
| Gamma Emitters  | KS |
| <b>Method EPA 903.0</b>                                 |    |
| Radium-226  | KS |
| <b>Method EPA 904.0</b>                                 |    |
| Radium-228  | KS |
| <b>Method OA-1</b>                                      |    |
| Benzene   | KS |
| Ethylbenzene  | KS |
| Gasoline range organics (GRO)                           | KS |
| Methyl tert-butyl ether (MTBE)                          | KS |
| Toluene   | KS |
| Xylene (total)  | KS |
| <b>Method OA-2</b>                                      |    |
| Diesel range organics (DRO)                             | KS |
| Kerosene  | KS |
| Mineral Spirits   | KS |
| Motor Oil   | KS |
| <b>Method SM 10200 H - 2011</b>                         |    |
| Chlorophylls  | KS |
| Phytoplankton   | KS |
| <b>Method SM 4500-Cl G-2011</b>                         |    |
| Total residual chlorine                                 | KS |
| <b>Method SM 4500-H+ B-2011</b>                         |    |
| pH  | KS |
| <b>Method SM 4500-NO<sub>2</sub><sup>-</sup> B-2011</b> |    |

State Hygienic Laboratory at The University of Iowa - Coralville

**Primary AB****Program/Matrix:** *CWA (Non Potable Water)*

|  |    |
|--|----|
| Nitrite as N   | KS |
| <b>Method SM 4500-P E-2011</b>                           |    |
| Orthophosphate as P                                      | KS |
| <b>Method SM 5210 B-2016</b>                             |    |
| Biochemical oxygen demand                                | KS |
| Carbonaceous BOD, CBOD                                   | KS |
| <b>Method SM 9221 B-2014</b>                             |    |
| Total coliforms  | KS |
| <b>Method SM 9221 E-2014</b>                             |    |
| Fecal coliforms  | KS |
| <b>Method SM 9221 F-2014</b>                             |    |
| Escherichia coli   | KS |
| <b>Method SM 9222 D-2015</b>                             |    |
| Fecal coliforms  | KS |
| <b>Method SM 9223 B (Colilert® Quanti-Tray®)-2016</b>    |    |
| Escherichia coli   | KS |
| Total coliforms  | KS |
| <b>Method SM 9223 B (Colilert®-18 Quanti-Tray®)-2016</b> |    |
| Escherichia coli   | KS |
| Total coliforms  | KS |

**Program/Matrix:** *RCRA (Non Potable Water)***Method EPA 1664A**

n-Hexane Extractable Material (O&amp;G) KS

**Method EPA 445**

Chlorophyll a KS

**Method EPA 515.3**

2,4,5-T KS

2,4-D KS

2,4-DB KS

Acifluorfen KS

Bentazon KS

Chloramben KS

Dacthal (DCPA) KS

Dalapon KS

Dicamba KS

Dichloroprop (Dichlorprop) KS

Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP) KS

Pentachlorophenol KS

Picloram KS

Silvex (2,4,5-TP) KS

**Method EPA 537.1**

11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS) KS

4,8-Dioxa-3H-perfluorononanoic acid (DONA) KS

9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS) KS

Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX) KS

N-Ethylperfluorooctane sulfonamido acetic acid KS

N-Methylperfluorooctane sulfonamido acetic acid KS

Perfluorobutane sulfonic acid (PFBS) KS

Perfluorodecanoic acid (PFDA) KS

Perfluorododecanoic acid (PFDoA) KS

Perfluoroheptanoic acid (PFHpA) KS

Perfluorohexane sulfonic acid (PFHxS) KS

Perfluorohexanoic acid (PFHxA) KS

Perfluorononanoic acid (PFNA) KS

Perfluorooctane sulfonic acid (PFOS) KS

Perfluorooctanoic acid (PFOA) KS

Perfluorotetradecanoic acid (PFTDA) KS

Perfluorotridecanoic acid (PFTTrDA) KS

Perfluoroundecanoic acid (PFUnDA) KS

**Method EPA 608.3 GC-ECD**

4,4'-DDD KS

4,4'-DDE KS

4,4'-DDT KS

Aldrin KS

alpha-BHC (alpha-Hexachlorocyclohexane) KS

alpha-Chlordane, cis-Chlordane KS

Aroclor-1016 (PCB-1016) KS

State Hygienic Laboratory at The University of Iowa - Coralville

**Primary AB****Program/Matrix: RCRA (Non Potable Water)**

|   |    |
|---|----|
| Aroclor-1221 (PCB-1221)                           | KS |
| Aroclor-1232 (PCB-1232)                           | KS |
| Aroclor-1242 (PCB-1242)                           | KS |
| Aroclor-1248 (PCB-1248)                           | KS |
| Aroclor-1254 (PCB-1254)                           | KS |
| Aroclor-1260 (PCB-1260)                           | KS |
| beta-BHC (beta-Hexachlorocyclohexane)             | KS |
| Chlordane (tech.)(N.O.S.)                         | KS |
| delta-BHC   | KS |
| Dieldrin  | KS |
| Endosulfan I                                      | KS |
| Endosulfan II                                     | KS |
| Endosulfan sulfate                                | KS |
| Endrin  | KS |
| Endrin aldehyde                                   | KS |
| Endrin ketone                                     | KS |
| gamma-BHC (Lindane, gamma-HexachlorocyclohexaneE) | KS |
| gamma-Chlordane                                   | KS |
| Heptachlor  | KS |
| Heptachlor epoxide                                | KS |
| Methoxychlor                                      | KS |
| Toxaphene (Chlorinated camphene)                  | KS |

**Method EPA 624.1**

|   |    |
|---|----|
| 1,1,1,2-Tetrachloroethane                   | KS |
| 1,1,1-Trichloroethane                       | KS |
| 1,1,2,2-Tetrachloroethane                   | KS |
| 1,1,2-Trichloroethane                       | KS |
| 1,1-Dichloroethane                          | KS |
| 1,1-Dichloroethylene                        | KS |
| 1,1-Dichloropropene                         | KS |
| 1,2,3-Trichlorobenzene                      | KS |
| 1,2,3-Trichloropropane                      | KS |
| 1,2,4-Trichlorobenzene                      | KS |
| 1,2,4-Trimethylbenzene                      | KS |
| 1,2-Dibromo-3-chloropropane (DBCP)          | KS |
| 1,2-Dibromoethane (EDB, Ethylene dibromide) | KS |
| 1,2-Dichlorobenzene (o-Dichlorobenzene)     | KS |
| 1,2-Dichloroethane (Ethylene dichloride)    | KS |
| 1,2-Dichloropropane                         | KS |
| 1,3,5-Trimethylbenzene                      | KS |
| 1,3-Dichlorobenzene                         | KS |
| 1,3-Dichloropropane                         | KS |
| 1,4-Dichlorobenzene                         | KS |
| 2,2-Dichloropropane                         | KS |
| 2-Butanone (Methyl ethyl ketone, MEK)       | KS |
| 2-Chloroethyl vinyl ether                   | KS |

State Hygienic Laboratory at The University of Iowa - Coralville

**Primary AB****Program/Matrix:** *RCRA (Non Potable Water)*

|   |    |
|---|----|
| 2-Chlorotoluene   | KS |
| 2-Hexanone  | KS |
| 4-Chlorotoluene   | KS |
| 4-Isopropyltoluene (p-Cymene,p-Isopropyltoluene)          | KS |
| 4-Methyl-2-pentanone (MIBK)                               | KS |
| Acetone   | KS |
| Acrolein (Propenal)                                       | KS |
| Acrylonitrile   | KS |
| Benzene   | KS |
| Bromobenzene  | KS |
| Bromochloromethane  | KS |
| Bromodichloromethane                                      | KS |
| Bromoform   | KS |
| Carbon disulfide  | KS |
| Carbon tetrachloride                                      | KS |
| Chlorobenzene   | KS |
| Chlorodibromomethane                                      | KS |
| Chloroethane (Ethyl chloride)                             | KS |
| Chloroform  | KS |
| cis-1,2-Dichloroethylene                                  | KS |
| cis-1,3-Dichloropropene                                   | KS |
| Dibromomethane (Methylene bromide)                        | KS |
| Dichlorodifluoromethane (Freon-12)                        | KS |
| Ethylbenzene  | KS |
| Hexachlorobutadiene                                       | KS |
| Isopropylbenzene  | KS |
| m+p-xylene  | KS |
| Methyl bromide (Bromomethane)                             | KS |
| Methyl chloride (Chloromethane)                           | KS |
| Methyl tert-butyl ether (MTBE)                            | KS |
| Methylene chloride (Dichloromethane)                      | KS |
| Naphthalene   | KS |
| n-Butylbenzene  | KS |
| n-Propylbenzene   | KS |
| o-Xylene  | KS |
| sec-Butylbenzene  | KS |
| Styrene   | KS |
| tert-Butylbenzene   | KS |
| Tetrachloroethylene (Perchloroethylene)                   | KS |
| Toluene   | KS |
| trans-1,2-Dichloroethylene                                | KS |
| trans-1,3-Dichloropropylene                               | KS |
| Trichloroethene (Trichloroethylene)                       | KS |
| Trichlorofluoromethane (Fluorotrichloromethane, Freon 11) | KS |
| Vinyl acetate   | KS |
| Vinyl chloride  | KS |
| Xylene (total)  | KS |

**Program/Matrix:** *RCRA (Non Potable Water)***Method EPA 625.1**

|  |    |
|--|----|
| 1,2,4-Trichlorobenzene   | KS |
| 1,2-Dichlorobenzene (o-Dichlorobenzene)                        | KS |
| 1,2-Diphenylhydrazine  | KS |
| 1,3-Dichlorobenzene  | KS |
| 1,4-Dichlorobenzene  | KS |
| 2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether | KS |
| 2,4,5-Trichlorophenol  | KS |
| 2,4,6-Trichlorophenol  | KS |
| 2,4-Dichlorophenol   | KS |
| 2,4-Dimethylphenol   | KS |
| 2,4-Dinitrophenol  | KS |
| 2,4-Dinitrotoluene (2,4-DNT)                                   | KS |
| 2,6-Dinitrotoluene (2,6-DNT)                                   | KS |
| 2-Chloronaphthalene  | KS |
| 2-Chlorophenol   | KS |
| 2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)        | KS |
| 2-Methylnaphthalene  | KS |
| 2-Methylphenol (o-Cresol)                                      | KS |
| 2-Nitroaniline   | KS |
| 2-Nitrophenol  | KS |
| 3,3'-Dichlorobenzidine   | KS |
| 3-Nitroaniline   | KS |
| 4-Bromophenyl phenyl ether                                     | KS |
| 4-Chloro-3-methylphenol  | KS |
| 4-Chloroaniline  | KS |
| 4-Chlorophenyl phenylether                                     | KS |
| 4-Methylphenol (p-Cresol)                                      | KS |
| 4-Nitroaniline   | KS |
| 4-Nitrophenol  | KS |
| Acenaphthene   | KS |
| Acenaphthylene   | KS |
| Aniline  | KS |
| Anthracene   | KS |
| Benzidine  | KS |
| Benzo(a)anthracene   | KS |
| Benzo(a)pyrene   | KS |
| Benzo(b)fluoranthene   | KS |
| Benzo(g,h,i)perylene   | KS |
| Benzo(k)fluoranthene   | KS |
| Benzoic acid   | KS |
| Benzyl alcohol   | KS |
| bis(2-Chloroethoxy)methane                                     | KS |
| bis(2-Chloroethyl) ether                                       | KS |
| Butyl benzyl phthalate   | KS |
| Carbazole  | KS |



State Hygienic Laboratory at The University of Iowa - Coralville

**Primary AB****Program/Matrix: RCRA (Non Potable Water)**

|   |    |
|---|----|
| Chrysene  | KS |
| Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP) | KS |
| Dibenz(a,h) anthracene  | KS |
| Dibenzofuran  | KS |
| Diethyl phthalate   | KS |
| Dimethyl phthalate  | KS |
| Di-n-butyl phthalate  | KS |
| Di-n-octyl phthalate  | KS |
| Fluoranthene  | KS |
| Fluorene  | KS |
| Hexachlorobenzene   | KS |
| Hexachlorobutadiene   | KS |
| Hexachlorocyclopentadiene                                     | KS |
| Hexachloroethane  | KS |
| Indeno(1,2,3-cd) pyrene                                       | KS |
| Isophorone  | KS |
| Naphthalene   | KS |
| Nitrobenzene  | KS |
| n-Nitrosodimethylamine  | KS |
| n-Nitrosodi-n-propylamine                                     | KS |
| n-Nitrosodiphenylamine  | KS |
| Pentachlorophenol   | KS |
| Phenanthrene  | KS |
| Phenol  | KS |
| Pyrene  | KS |
| Pyridine  | KS |

**Method EPA 8081B**

|   |    |
|---|----|
| 4,4'-DDD  | KS |
| 4,4'-DDE  | KS |
| 4,4'-DDT  | KS |
| Aldrin  | KS |
| alpha-BHC (alpha-Hexachlorocyclohexane)           | KS |
| alpha-Chlordane, cis-Chlordane                    | KS |
| beta-BHC (beta-Hexachlorocyclohexane)             | KS |
| Chlordane (tech.)(N.O.S.)                         | KS |
| delta-BHC   | KS |
| Dieldrin  | KS |
| Endosulfan I                                      | KS |
| Endosulfan II                                     | KS |
| Endosulfan sulfate                                | KS |
| Endrin  | KS |
| Endrin aldehyde                                   | KS |
| Endrin ketone                                     | KS |
| gamma-BHC (Lindane, gamma-HexachlorocyclohexaneE) | KS |
| gamma-Chlordane                                   | KS |
| Heptachlor  | KS |

State Hygienic Laboratory at The University of Iowa - Coralville

**Primary AB****Program/Matrix: RCRA (Non Potable Water)**

|                                  |    |
|----------------------------------|----|
| Heptachlor epoxide               | KS |
| Methoxychlor                     | KS |
| Toxaphene (Chlorinated camphene) | KS |

**Method EPA 8082A**

|                         |    |
|-------------------------|----|
| Aroclor-1016 (PCB-1016) | KS |
| Aroclor-1221 (PCB-1221) | KS |
| Aroclor-1232 (PCB-1232) | KS |
| Aroclor-1242 (PCB-1242) | KS |
| Aroclor-1248 (PCB-1248) | KS |
| Aroclor-1254 (PCB-1254) | KS |
| Aroclor-1260 (PCB-1260) | KS |

**Method EPA 8260B**

|  |    |
|--|----|
| 1,1,1,2-Tetrachloroethane                        | KS |
| 1,1,1-Trichloroethane                            | KS |
| 1,1,2,2-Tetrachloroethane                        | KS |
| 1,1,2-Trichloroethane                            | KS |
| 1,1-Dichloroethane                               | KS |
| 1,1-Dichloroethylene                             | KS |
| 1,1-Dichloropropene                              | KS |
| 1,2,3-Trichlorobenzene                           | KS |
| 1,2,3-Trichloropropane                           | KS |
| 1,2,4-Trichlorobenzene                           | KS |
| 1,2,4-Trimethylbenzene                           | KS |
| 1,2-Dibromo-3-chloropropane (DBCP)               | KS |
| 1,2-Dibromoethane (EDB, Ethylene dibromide)      | KS |
| 1,2-Dichlorobenzene (o-Dichlorobenzene)          | KS |
| 1,2-Dichloroethane (Ethylene dichloride)         | KS |
| 1,2-Dichloropropane                              | KS |
| 1,3,5-Trimethylbenzene                           | KS |
| 1,3-Dichlorobenzene                              | KS |
| 1,3-Dichloropropane                              | KS |
| 1,4-Dichlorobenzene                              | KS |
| 2,2-Dichloropropane                              | KS |
| 2-Butanone (Methyl ethyl ketone, MEK)            | KS |
| 2-Chloroethyl vinyl ether                        | KS |
| 2-Chlorotoluene                                  | KS |
| 2-Hexanone                                       | KS |
| 4-Chlorotoluene                                  | KS |
| 4-Isopropyltoluene (p-Cymene,p-Isopropyltoluene) | KS |
| 4-Methyl-2-pentanone (MIBK)                      | KS |
| Acetone  | KS |
| Acrolein (Propenal)                              | KS |
| Acrylonitrile                                    | KS |
| Benzene  | KS |
| Bromobenzene                                     | KS |
| Bromochloromethane                               | KS |

State Hygienic Laboratory at The University of Iowa - Coralville

**Primary AB****Program/Matrix: RCRA (Non Potable Water)**

|   |    |
|---|----|
| Bromodichloromethane                                      | KS |
| Bromoform   | KS |
| Carbon disulfide  | KS |
| Carbon tetrachloride                                      | KS |
| Chlorobenzene   | KS |
| Chlorodibromomethane                                      | KS |
| Chloroethane (Ethyl chloride)                             | KS |
| Chloroform  | KS |
| cis-1,2-Dichloroethylene                                  | KS |
| cis-1,3-Dichloropropene                                   | KS |
| Dibromomethane (Methylene bromide)                        | KS |
| Dichlorodifluoromethane (Freon-12)                        | KS |
| Ethylbenzene  | KS |
| Gasoline range organics (GRO)                             | KS |
| Hexachlorobutadiene                                       | KS |
| Isopropylbenzene  | KS |
| m+p-xylene  | KS |
| Methyl bromide (Bromomethane)                             | KS |
| Methyl chloride (Chloromethane)                           | KS |
| Methyl tert-butyl ether (MTBE)                            | KS |
| Methylene chloride (Dichloromethane)                      | KS |
| Naphthalene   | KS |
| n-Butylbenzene  | KS |
| n-Propylbenzene   | KS |
| o-Xylene  | KS |
| sec-Butylbenzene  | KS |
| Styrene   | KS |
| tert-Butylbenzene   | KS |
| Tetrachloroethylene (Perchloroethylene)                   | KS |
| Toluene   | KS |
| trans-1,2-Dichloroethylene                                | KS |
| trans-1,3-Dichloropropylene                               | KS |
| Trichloroethene (Trichloroethylene)                       | KS |
| Trichlorofluoromethane (Fluorotrichloromethane, Freon 11) | KS |
| Vinyl acetate   | KS |
| Vinyl chloride  | KS |
| Xylene (total)  | KS |

**Method EPA 8270C**

|  |    |
|--|----|
| 1,1,2,2,3,3,4,4,4-Nonafluoro-N,N-bis(2-hydroxyethyl)butane-1-sulfonamide | KS |
| 1,2,4-Trichlorobenzene   | KS |
| 1,2-Dichlorobenzene (o-Dichlorobenzene)                                  | KS |
| 1,3-Dichlorobenzene  | KS |
| 1,4-Dichlorobenzene  | KS |
| 2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether           | KS |
| 2,4,5-Trichlorophenol  | KS |
| 2,4,6-Trichlorophenol  | KS |

State Hygienic Laboratory at The University of Iowa - Coralville

**Primary AB****Program/Matrix: RCRA (Non Potable Water)**

|   |    |
|---|----|
| 2,4-Dichlorophenol                                      | KS |
| 2,4-Dimethylphenol                                      | KS |
| 2,4-Dinitrophenol                                       | KS |
| 2,4-Dinitrotoluene (2,4-DNT)                            | KS |
| 2,6-Dinitrotoluene (2,6-DNT)                            | KS |
| 2-Chloronaphthalene                                     | KS |
| 2-Chlorophenol  | KS |
| 2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol) | KS |
| 2-Methylnaphthalene                                     | KS |
| 2-Methylphenol (o-Cresol)                               | KS |
| 2-Nitroaniline  | KS |
| 2-Nitrophenol   | KS |
| 3,3'-Dichlorobenzidine                                  | KS |
| 3-Methylphenol (m-Cresol)                               | KS |
| 3-Nitroaniline  | KS |
| 4-Bromophenyl phenyl ether                              | KS |
| 4-Chloro-3-methylphenol                                 | KS |
| 4-Chloroaniline   | KS |
| 4-Chlorophenyl phenylether                              | KS |
| 4-Methylphenol (p-Cresol)                               | KS |
| 4-Nitroaniline  | KS |
| 4-Nitrophenol   | KS |
| Acenaphthene  | KS |
| Acenaphthylene  | KS |
| Alachlor  | KS |
| Ametryn   | KS |
| Aniline   | KS |
| Anthracene  | KS |
| Atrazine  | KS |
| Benzidine   | KS |
| Benzo(a)anthracene                                      | KS |
| Benzo(a)pyrene  | KS |
| Benzo(b)fluoranthene                                    | KS |
| Benzo(g,h,i)perylene                                    | KS |
| Benzo(k)fluoranthene                                    | KS |
| Benzoic acid  | KS |
| Benzyl alcohol  | KS |
| bis(2-Chloroethoxy)methane                              | KS |
| bis(2-Chloroethyl) ether                                | KS |
| Bromacil  | KS |
| Butachlor   | KS |
| Butyl benzyl phthalate                                  | KS |
| Butylate  | KS |
| Carbazole   | KS |
| Chlorpyrifos  | KS |
| Chrysene  | KS |
| Cyanazine   | KS |

State Hygienic Laboratory at The University of Iowa - Coralville

**Primary AB****Program/Matrix: RCRA (Non Potable Water)**

|   |    |
|---|----|
| Deethyl atrazine (Desethyl atrazine)                          | KS |
| Deisopropyl atrazine  | KS |
| Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP) | KS |
| Dibenz(a,h) anthracene  | KS |
| Dibenzofuran  | KS |
| Diethyl phthalate   | KS |
| Dimethenamid  | KS |
| Dimethyl phthalate  | KS |
| Di-n-butyl phthalate  | KS |
| Di-n-octyl phthalate  | KS |
| Disulfoton  | KS |
| EPTC (Eptam, s-ethyl-dipropyl thio carbamate)                 | KS |
| Ethoprop  | KS |
| Fluoranthene  | KS |
| Fluorene  | KS |
| Fonophos (Fonofos)  | KS |
| Hexachlorobenzene   | KS |
| Hexachlorobutadiene   | KS |
| Hexachlorocyclopentadiene                                     | KS |
| Hexachloroethane  | KS |
| Indeno(1,2,3-cd) pyrene                                       | KS |
| Isophorone  | KS |
| Malathion   | KS |
| Methyl parathion (Parathion, methyl)                          | KS |
| Metolachlor   | KS |
| Metribuzin  | KS |
| Naphthalene   | KS |
| Nitrobenzene  | KS |
| n-Nitrosodimethylamine  | KS |
| n-Nitrosodi-n-propylamine                                     | KS |
| n-Nitrosodiphenylamine  | KS |
| Parathion, ethyl  | KS |
| Pentachlorophenol   | KS |
| Phenanthrene  | KS |
| Phenol  | KS |
| Phorate   | KS |
| Prometon  | KS |
| Propachlor (Ramrod)   | KS |
| Propazine   | KS |
| Pyrene  | KS |
| Pyridine  | KS |
| Simazine  | KS |
| Terbufos  | KS |
| Trifluralin (Treflan)   | KS |

**Method EPA 900.0**

|             |    |
|-------------|----|
| Gross-alpha | KS |
|-------------|----|

State Hygienic Laboratory at The University of Iowa - Coralville

**Primary AB****Program/Matrix:** *RCRA (Non Potable Water)*

|                                 |    |
|---------------------------------|----|
| Gross-beta                      | KS |
| <b>Method EPA 901.1</b>         |    |
| Gamma Emitters                  | KS |
| <b>Method EPA 903.0</b>         |    |
| Radium-226                      | KS |
| <b>Method EPA 904.0</b>         |    |
| Radium-226/228                  | KS |
| Radium-228                      | KS |
| <b>Method OA-1</b>              |    |
| Benzene                         | KS |
| Ethylbenzene                    | KS |
| Gasoline range organics (GRO)   | KS |
| Methyl tert-butyl ether (MTBE)  | KS |
| Toluene                         | KS |
| Xylene (total)                  | KS |
| <b>Method OA-2</b>              |    |
| Diesel range organics (DRO)     | KS |
| Kerosene                        | KS |
| Mineral Spirits                 | KS |
| Motor Oil                       | KS |
| <b>Method SM 10200 H - 2011</b> |    |
| Chlorophylls                    | KS |
| Phytoplankton                   | KS |

**Program/Matrix: RCRA (Solid & Hazardous Material)****Method EPA 8081B**

|   |    |
|---|----|
| 4,4'-DDD  | KS |
| 4,4'-DDE  | KS |
| 4,4'-DDT  | KS |
| Aldrin  | KS |
| alpha-BHC (alpha-Hexachlorocyclohexane)           | KS |
| alpha-Chlordane, cis-Chlordane                    | KS |
| beta-BHC (beta-Hexachlorocyclohexane)             | KS |
| Chlordane (tech.)(N.O.S.)                         | KS |
| delta-BHC   | KS |
| Dieldrin  | KS |
| Endosulfan I                                      | KS |
| Endosulfan II                                     | KS |
| Endosulfan sulfate                                | KS |
| Endrin  | KS |
| Endrin aldehyde                                   | KS |
| Endrin ketone                                     | KS |
| gamma-BHC (Lindane, gamma-HexachlorocyclohexaneE) | KS |
| gamma-Chlordane                                   | KS |
| Heptachlor  | KS |
| Heptachlor epoxide                                | KS |
| Methoxychlor                                      | KS |
| Toxaphene (Chlorinated camphene)                  | KS |

**Method EPA 8082A**

|                         |    |
|-------------------------|----|
| Aroclor-1016 (PCB-1016) | KS |
| Aroclor-1221 (PCB-1221) | KS |
| Aroclor-1232 (PCB-1232) | KS |
| Aroclor-1242 (PCB-1242) | KS |
| Aroclor-1248 (PCB-1248) | KS |
| Aroclor-1254 (PCB-1254) | KS |
| Aroclor-1260 (PCB-1260) | KS |

**Method EPA 8260B**

|   |    |
|---|----|
| 1,1,1,2-Tetrachloroethane                   | KS |
| 1,1,1-Trichloroethane                       | KS |
| 1,1,2,2-Tetrachloroethane                   | KS |
| 1,1,2-Trichloroethane                       | KS |
| 1,1-Dichloroethane                          | KS |
| 1,1-Dichloroethylene                        | KS |
| 1,1-Dichloropropene                         | KS |
| 1,2,3-Trichlorobenzene                      | KS |
| 1,2,3-Trichloropropane                      | KS |
| 1,2,4-Trichlorobenzene                      | KS |
| 1,2,4-Trimethylbenzene                      | KS |
| 1,2-Dibromo-3-chloropropane (DBCP)          | KS |
| 1,2-Dibromoethane (EDB, Ethylene dibromide) | KS |
| 1,2-Dichlorobenzene (o-Dichlorobenzene)     | KS |

State Hygienic Laboratory at The University of Iowa - Coralville

**Primary AB****Program/Matrix: RCRA (Solid & Hazardous Material)**

|  |    |
|--|----|
| 1,2-Dichloroethane (Ethylene dichloride)         | KS |
| 1,2-Dichloropropane                              | KS |
| 1,3,5-Trimethylbenzene                           | KS |
| 1,3-Dichlorobenzene                              | KS |
| 1,3-Dichloropropane                              | KS |
| 1,4-Dichlorobenzene                              | KS |
| 2,2-Dichloropropane                              | KS |
| 2-Butanone (Methyl ethyl ketone, MEK)            | KS |
| 2-Chlorotoluene                                  | KS |
| 2-Hexanone                                       | KS |
| 4-Chlorotoluene                                  | KS |
| 4-Isopropyltoluene (p-Cymene,p-Isopropyltoluene) | KS |
| 4-Methyl-2-pentanone (MIBK)                      | KS |
| Acetone  | KS |
| Acrylonitrile                                    | KS |
| Benzene  | KS |
| Bromobenzene                                     | KS |
| Bromochloromethane                               | KS |
| Bromodichloromethane                             | KS |
| Bromoform  | KS |
| Carbon disulfide                                 | KS |
| Carbon tetrachloride                             | KS |
| Chlorobenzene                                    | KS |
| Chlorodibromomethane                             | KS |
| Chloroethane (Ethyl chloride)                    | KS |
| Chloroform                                       | KS |
| cis-1,2-Dichloroethylene                         | KS |
| cis-1,3-Dichloropropene                          | KS |
| Dibromomethane (Methylene bromide)               | KS |
| Dichlorodifluoromethane (Freon-12)               | KS |
| Ethylbenzene                                     | KS |
| Gasoline range organics (GRO)                    | KS |
| Hexachlorobutadiene                              | KS |
| Isopropylbenzene                                 | KS |
| m+p-xylene                                       | KS |
| Methyl bromide (Bromomethane)                    | KS |
| Methyl chloride (Chloromethane)                  | KS |
| Methyl tert-butyl ether (MTBE)                   | KS |
| Methylene chloride (Dichloromethane)             | KS |
| Naphthalene                                      | KS |
| n-Butylbenzene                                   | KS |
| n-Propylbenzene                                  | KS |
| o-Xylene   | KS |
| sec-Butylbenzene                                 | KS |
| Styrene  | KS |
| tert-Butylbenzene                                | KS |
| Tetrachloroethylene (Perchloroethylene)          | KS |



State Hygienic Laboratory at The University of Iowa - Coralville

**Primary AB****Program/Matrix: RCRA (Solid & Hazardous Material)**

|   |    |
|---|----|
| Toluene   | KS |
| trans-1,2-Dichloroethylene                                | KS |
| trans-1,3-Dichloropropylene                               | KS |
| Trichloroethene (Trichloroethylene)                       | KS |
| Trichlorofluoromethane (Fluorotrichloromethane, Freon 11) | KS |
| Vinyl acetate   | KS |
| Vinyl chloride  | KS |
| Xylene (total)  | KS |

**Method EPA 8270C**

|  |    |
|--|----|
| 1,1,2,2,3,3,4,4,4-Nonafluoro-N,N-bis(2-hydroxyethyl)butane-1-sulfonamide | KS |
| 1,2,4-Trichlorobenzene   | KS |
| 1,2-Dichlorobenzene (o-Dichlorobenzene)                                  | KS |
| 1,3-Dichlorobenzene  | KS |
| 1,4-Dichlorobenzene  | KS |
| 2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether           | KS |
| 2,4,5-Trichlorophenol  | KS |
| 2,4,6-Trichlorophenol  | KS |
| 2,4-Dichlorophenol   | KS |
| 2,4-Dimethylphenol   | KS |
| 2,4-Dinitrophenol  | KS |
| 2,4-Dinitrotoluene (2,4-DNT)   | KS |
| 2,6-Dinitrotoluene (2,6-DNT)   | KS |
| 2-Chloronaphthalene  | KS |
| 2-Chlorophenol   | KS |
| 2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)                  | KS |
| 2-Methylnaphthalene  | KS |
| 2-Methylphenol (o-Cresol)  | KS |
| 2-Nitroaniline   | KS |
| 2-Nitrophenol  | KS |
| 3,3'-Dichlorobenzidine   | KS |
| 3-Methylphenol (m-Cresol)  | KS |
| 3-Nitroaniline   | KS |
| 4-Bromophenyl phenyl ether   | KS |
| 4-Chloro-3-methylphenol  | KS |
| 4-Chloroaniline  | KS |
| 4-Chlorophenyl phenylether   | KS |
| 4-Methylphenol (p-Cresol)  | KS |
| 4-Nitroaniline   | KS |
| 4-Nitrophenol  | KS |
| Acenaphthene   | KS |
| Acenaphthylene   | KS |
| Alachlor   | KS |
| Ametryn  | KS |
| Aniline  | KS |
| Anthracene   | KS |
| Atrazine   | KS |

State Hygienic Laboratory at The University of Iowa - Coralville

**Primary AB****Program/Matrix: RCRA (Solid & Hazardous Material)**

|   |    |
|---|----|
| Benzidine   | KS |
| Benzo(a)anthracene  | KS |
| Benzo(a)pyrene  | KS |
| Benzo(b)fluoranthene  | KS |
| Benzo(g,h,i)perylene  | KS |
| Benzo(k)fluoranthene  | KS |
| Benzoic acid  | KS |
| Benzyl alcohol  | KS |
| bis(2-Chloroethoxy)methane                                    | KS |
| bis(2-Chloroethyl) ether                                      | KS |
| Bromacil  | KS |
| Butachlor   | KS |
| Butyl benzyl phthalate  | KS |
| Butylate  | KS |
| Carbazole   | KS |
| Chlorpyrifos  | KS |
| Chrysene  | KS |
| Cyanazine   | KS |
| Deethyl atrazine (Desethyl atrazine)                          | KS |
| Deisopropyl atrazine  | KS |
| Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP) | KS |
| Dibenz(a,h) anthracene  | KS |
| Dibenzofuran  | KS |
| Diethyl phthalate   | KS |
| Dimethenamid  | KS |
| Dimethyl phthalate  | KS |
| Di-n-butyl phthalate  | KS |
| Di-n-octyl phthalate  | KS |
| Disulfoton  | KS |
| EPTC (Eptam, s-ethyl-dipropyl thio carbamate)                 | KS |
| Ethoprop  | KS |
| Fluoranthene  | KS |
| Fluorene  | KS |
| Fonophos (Fonofos)  | KS |
| Hexachlorobenzene   | KS |
| Hexachlorobutadiene   | KS |
| Hexachlorocyclopentadiene                                     | KS |
| Hexachloroethane  | KS |
| Indeno(1,2,3-cd) pyrene                                       | KS |
| Isophorone  | KS |
| Malathion   | KS |
| Methyl parathion (Parathion, methyl)                          | KS |
| Metolachlor   | KS |
| Metribuzin  | KS |
| Naphthalene   | KS |
| Nitrobenzene  | KS |
| n-Nitrosodimethylamine  | KS |

State Hygienic Laboratory at The University of Iowa - Coralville

**Primary AB****Program/Matrix: RCRA (Solid & Hazardous Material)**

|                           |    |
|---------------------------|----|
| n-Nitrosodi-n-propylamine | KS |
| n-Nitrosodiphenylamine    | KS |
| Parathion, ethyl          | KS |
| Pentachlorophenol         | KS |
| Phenanthrene              | KS |
| Phenol                    | KS |
| Phorate                   | KS |
| Prometon                  | KS |
| Propachlor (Ramrod)       | KS |
| Propazine                 | KS |
| Pyrene                    | KS |
| Pyridine                  | KS |
| Simazine                  | KS |
| Terbufos                  | KS |
| Trifluralin (Treflan)     | KS |

**Method OA-1**

|                                |    |
|--------------------------------|----|
| Benzene                        | KS |
| Ethylbenzene                   | KS |
| Gasoline range organics (GRO)  | KS |
| Methyl tert-butyl ether (MTBE) | KS |
| Toluene                        | KS |
| Xylene (total)                 | KS |

**Method OA-2**

|                             |    |
|-----------------------------|----|
| Diesel range organics (DRO) | KS |
| Kerosene                    | KS |
| Mineral Spirits             | KS |
| Motor Oil                   | KS |

**Program/Matrix:** *SDWA (Potable Water)***Method EPA 00-02**

Gross-alpha KS

**Method EPA 353.2**

Nitrate as N KS

Nitrate plus Nitrite as N KS

**Method EPA 508**

Aldrin KS

Aroclor-1016 (PCB-1016) KS

Aroclor-1221 (PCB-1221) KS

Aroclor-1232 (PCB-1232) KS

Aroclor-1242 (PCB-1242) KS

Aroclor-1248 (PCB-1248) KS

Aroclor-1254 (PCB-1254) KS

Aroclor-1260 (PCB-1260) KS

Chlordane (tech.)(N.O.S.) KS

Dieldrin KS

Endrin KS

gamma-BHC (Lindane, gamma-HexachlorocyclohexanE) KS

Heptachlor KS

Heptachlor epoxide KS

Hexachlorobenzene KS

Hexachlorocyclopentadiene KS

Methoxychlor KS

Toxaphene (Chlorinated camphene) KS

**Method EPA 515.3**

2,4,5-T KS

2,4-D KS

2,4-DB KS

Acifluorfen KS

Chloramben KS

Dacthal (DCPA) KS

Dalapon KS

Dicamba KS

Dichloroprop (Dichlorprop) KS

Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP) KS

Pentachlorophenol KS

Picloram KS

Silvex (2,4,5-TP) KS

**Method EPA 524.2 Rev 4.1**

1,1,1,2-Tetrachloroethane KS

1,1,1-Trichloroethane KS

1,1,2,2-Tetrachloroethane KS

1,1,2-Trichloroethane KS

1,1-Dichloroethane KS

1,1-Dichloroethylene KS

1,1-Dichloropropene KS

State Hygienic Laboratory at The University of Iowa - Coralville

**Primary AB****Program/Matrix:** *SDWA (Potable Water)*

|  |    |
|--|----|
| 1,2,3-Trichlorobenzene                           | KS |
| 1,2,3-Trichloropropane                           | KS |
| 1,2,4-Trichlorobenzene                           | KS |
| 1,2,4-Trimethylbenzene                           | KS |
| 1,2-Dichlorobenzene (o-Dichlorobenzene)          | KS |
| 1,2-Dichloroethane (Ethylene dichloride)         | KS |
| 1,2-Dichloropropane                              | KS |
| 1,3,5-Trimethylbenzene                           | KS |
| 1,3-Dichlorobenzene                              | KS |
| 1,3-Dichloropropane                              | KS |
| 1,4-Dichlorobenzene                              | KS |
| 2,2-Dichloropropane                              | KS |
| 2-Chlorotoluene                                  | KS |
| 4-Chlorotoluene                                  | KS |
| 4-Isopropyltoluene (p-Cymene,p-Isopropyltoluene) | KS |
| Benzene  | KS |
| Bromobenzene                                     | KS |
| Bromochloromethane                               | KS |
| Bromodichloromethane                             | KS |
| Bromoform  | KS |
| Carbon tetrachloride                             | KS |
| Chlorobenzene                                    | KS |
| Chlorodibromomethane                             | KS |
| Chloroethane (Ethyl chloride)                    | KS |
| Chloroform                                       | KS |
| cis-1,2-Dichloroethylene                         | KS |
| cis-1,3-Dichloropropene                          | KS |
| Dibromomethane (Methylene bromide)               | KS |
| Dichlorodifluoromethane (Freon-12)               | KS |
| Ethylbenzene                                     | KS |
| Hexachlorobutadiene                              | KS |
| Isopropylbenzene                                 | KS |
| Methyl bromide (Bromomethane)                    | KS |
| Methyl chloride (Chloromethane)                  | KS |
| Methyl tert-butyl ether (MTBE)                   | KS |
| Methylene chloride (Dichloromethane)             | KS |
| Naphthalene                                      | KS |
| n-Butylbenzene                                   | KS |
| n-Propylbenzene                                  | KS |
| sec-Butylbenzene                                 | KS |
| Styrene  | KS |
| tert-Butylbenzene                                | KS |
| Tetrachloroethylene (Perchloroethylene)          | KS |
| Toluene  | KS |
| Total trihalomethanes                            | KS |
| trans-1,2-Dichloroethylene                       | KS |
| trans-1,3-Dichloropropylene                      | KS |

State Hygienic Laboratory at The University of Iowa - Coralville

**Primary AB****Program/Matrix: SDWA (Potable Water)**

|   |    |
|---|----|
| Trichloroethene (Trichloroethylene)                       | KS |
| Trichlorofluoromethane (Fluorotrichloromethane, Freon 11) | KS |
| Vinyl chloride  | KS |
| Xylene (total)  | KS |

**Method EPA 525.2**

|   |    |
|---|----|
| Alachlor  | KS |
| Atrazine  | KS |
| Benzo(a)anthracene  | KS |
| Benzo(a)pyrene  | KS |
| bis(2-Ethylhexyl)adipate (di(2-ethylhexyl)adipate)            | KS |
| Butachlor   | KS |
| Chrysene  | KS |
| Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP) | KS |
| Metolachlor   | KS |
| Metribuzin  | KS |
| Naphthalene   | KS |
| Propachlor (Ramrod)   | KS |
| Simazine  | KS |
| Trifluralin (Treflan)   | KS |

**Method EPA 533**

|   |    |
|---|----|
| 1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)               | KS |
| 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS) | KS |
| 1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)               | KS |
| 1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)               | KS |
| 4,8-Dioxa-3H-perfluorononanoic acid (DONA)                          | KS |
| 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)    | KS |
| Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)                | KS |
| Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)                          | KS |
| Perfluoro(2-ethoxyethane) sulfonic acid (PFEEESA)                   | KS |
| Perfluoro-3-methoxypropanoic acid (PFMPA)                           | KS |
| Perfluoro-4-methoxybutanoic acid (PFMBA)                            | KS |
| Perfluorobutane sulfonic acid (PFBS)                                | KS |
| Perfluorobutanoic acid (PFBA)                                       | KS |
| Perfluorodecanoic acid (PFDA)                                       | KS |
| Perfluorododecanoic acid (PFDoA)                                    | KS |
| Perfluoroheptane sulfonic acid (PFHpS)                              | KS |
| Perfluoroheptanoic acid (PFHpA)                                     | KS |
| Perfluorohexane sulfonic acid (PFHxS)                               | KS |
| Perfluorohexanoic acid (PFHxA)                                      | KS |
| Perfluorononanoic acid (PFNA)                                       | KS |
| Perfluorooctane sulfonic acid (PFOS)                                | KS |
| Perfluorooctanoic acid (PFOA)                                       | KS |
| Perfluoropentane sulfonic acid (PFPeS)                              | KS |
| Perfluoropentanoic acid (PFPeA)                                     | KS |
| Perfluoroundecanoic acid (PFUnDA)                                   | KS |

**Method EPA 537.1**

State Hygienic Laboratory at The University of Iowa - Coralville

**Primary AB****Program/Matrix: *SDWA (Potable Water)***

|  |    |
|--|----|
| 11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS) | KS |
| 4,8-Dioxa-3H-perfluorononanoic acid (DONA)                         | KS |
| 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)   | KS |
| Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)               | KS |
| N-Ethylperfluorooctane sulfonamido acetic acid                     | KS |
| N-Methylperfluorooctane sulfonamido acetic acid                    | KS |
| Perfluorobutane sulfonic acid (PFBS)                               | KS |
| Perfluorodecanoic acid (PFDA)                                      | KS |
| Perfluorododecanoic acid (PFDoA)                                   | KS |
| Perfluoroheptanoic acid (PFHpA)                                    | KS |
| Perfluorohexane sulfonic acid (PFHxS)                              | KS |
| Perfluorohexanoic acid (PFHxA)                                     | KS |
| Perfluorononanoic acid (PFNA)                                      | KS |
| Perfluorooctane sulfonic acid (PFOS)                               | KS |
| Perfluorooctanoic acid (PFOA)                                      | KS |
| Perfluorotetradecanoic acid (PFTDA)                                | KS |
| Perfluorotridecanoic acid (PFTTrDA)                                | KS |
| Perfluoroundecanoic acid (PFUnDA)                                  | KS |

**Method EPA 547**

|            |    |
|------------|----|
| Glyphosate | KS |
|------------|----|

**Method EPA 549.2**

|        |    |
|--------|----|
| Diquat | KS |
|--------|----|

**Method EPA 552.3**

|                        |    |
|------------------------|----|
| Bromoacetic acid       | KS |
| Chloroacetic acid      | KS |
| Dibromoacetic acid     | KS |
| Dichloroacetic acid    | KS |
| Total haloacetic acids | KS |
| Trichloroacetic acid   | KS |

**Method EPA 900.0**

|             |    |
|-------------|----|
| Gross-alpha | KS |
| Gross-beta  | KS |

**Method EPA 901.1**

|                |    |
|----------------|----|
| Cesium-134     | KS |
| Gamma Emitters | KS |
| Gross gamma    | KS |
| Iodine-131     | KS |

**Method EPA 903.0 (GPC)**

|            |    |
|------------|----|
| Radium-226 | KS |
|------------|----|

**Method EPA 904.0**

|            |    |
|------------|----|
| Radium-228 | KS |
|------------|----|

**Method EPA 905.0**

|              |    |
|--------------|----|
| Strontium-89 | KS |
| Strontium-90 | KS |

**Method EPA 906.0**

State Hygienic Laboratory at The University of Iowa - Coralville

**Primary AB****Program/Matrix:** *SDWA (Potable Water)*

|  |    |
|--|----|
| Tritium  | KS |
| <b>Method SM 4500-H+ B-2011</b>                          |    |
| pH   | KS |
| <b>Method SM 4500-NO<sub>2</sub><sup>-</sup> B-2011</b>  |    |
| Nitrite as N   | KS |
| <b>Method SM 5910 B</b>                                  |    |
| UV 254   | KS |
| <b>Method SM 7500-Rn B-2011</b>                          |    |
| Radon  | KS |
| <b>Method SM 9215 B-2016</b>                             |    |
| Heterotrophic plate count                                | KS |
| <b>Method SM 9221 B-2014</b>                             |    |
| Total coliforms  | KS |
| <b>Method SM 9221 F-2014</b>                             |    |
| Escherichia coli   | KS |
| <b>Method SM 9223 B (Colilert® Quanti-Tray®)-2016</b>    |    |
| Escherichia coli   | KS |
| Total coliforms  | KS |
| <b>Method SM 9223 B (Colilert®)-2016</b>                 |    |
| Escherichia coli   | KS |
| Total coliforms  | KS |
| <b>Method SM 9223 B (Colilert®-18 Quanti-Tray®)-2016</b> |    |
| Escherichia coli   | KS |
| Total coliforms  | KS |
| <b>Method SM 9223 B (Colilert®-18)-2016</b>              |    |
| Escherichia coli   | KS |
| Total coliforms  | KS |

**End of Scope of Accreditation**