

# COMMONWEALTH OF KENTUCKY

## Energy and Environment Cabinet

2019

### Wastewater Laboratory Certification Program

In Accordance with KRS 224.10-670 and 401 KAR Chapter 5:320



### THIS CERTIFIES THAT

ALS Environmental - Holland

3352 128th Ave

Holland, MI 49424

Laboratory ID Number: KY98004



The above laboratory has complied with Kentucky Administrative Regulation 401 KAR 5:320, Wastewater Laboratory Certification Program, for the analyses of wastewater samples, as specified in 33 U.S.C. 1342, for the method-analyte pairs specified on the attached certification list.

Effective From: January 1, 2019

To: December 31, 2019

A handwritten signature in blue ink that reads "Kevin Stewart".

Certification Program Manager

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KY Category	CAS #	Analyte	Status	Reference Method	MDL	MDL Units	MRL	MRL Units	ATP	Method Mod
Field	7782-50-5	Chlorine, Total Residual	Certified	HACH 8167	0.02	mg/L	0.20	mg/L	N/A	N
Field		Specific Conductance	Certified	SM 2510 B-1997	0.967	umhos/cm	5	umhos/cm	N/A	N
Field		pH	Certified	SM 4500-H+ B-2000		N/A		S.U.	N/A	N
Inorganic/General Chemistry		Acidity, Total (as CaCO <sub>3</sub> )	Certified	SM 2310 B-1997	6	mg/L	12	mg/L	N/A	N
Inorganic/General Chemistry		Alkalinity, Total (as CaCO <sub>3</sub> )	Certified	SM 2320 B-1997	1.431	mg/L	2	mg/L	N/A	N
Inorganic/General Chemistry	7664-41-7	Ammonia	Certified	EPA 350.1 Rev. 2.0 (1993)	0.01	mg/L	0.02	mg/L	N/A	N
Inorganic/General Chemistry	7664-41-7	Ammonia	Certified	SM 4500-NH <sub>3</sub> G-1997	0.091	mg/L	0.15	mg/L	N/A	N
Inorganic/General Chemistry		BOD, 5-day	Certified	SM 5210 B-2001		N/A	2	mg/L	N/A	N
Inorganic/General Chemistry	24959-67-9	Bromide	Certified	EPA 300.0 Rev 2.1 (1993)	0.0670	mg/L	0.20	mg/L	N/A	N
Inorganic/General Chemistry		Carbon, Total Organic	Certified	SM 5310 C-2000	0.0550	mg/L	0.50	mg/L	N/A	N
Inorganic/General Chemistry		Carbonaceous Biochemical Oxygen Demand (CBOD <sub>5</sub> )	Certified	SM 5210 B-2001		N/A	2	mg/L	N/A	N
Inorganic/General Chemistry		Chemical Oxygen Demand (COD)	Certified	EPA 410.4, Rev. 2.0 (1993)	2.95	mg/L	5	mg/L	N/A	N
Inorganic/General Chemistry	16887-00-6	Chloride	Certified	EPA 300.0 Rev 2.1 (1993)	0.31	mg/L	1	mg/L	N/A	N
Inorganic/General Chemistry	16887-00-6	Chloride	Certified	SM 4500-Cl <sup>-</sup> C-1997	2.17	mg/L	3	mg/L	N/A	N
Inorganic/General Chemistry		Chromium (VI)	Certified	SM 3500-Cr B-2009	0.0014	mg/L	0.005	mg/L	N/A	N
Inorganic/General Chemistry	57-12-5	Cyanide, Total (as Cn)	Certified	EPA 335.4 Rev. 1.0 (1993)	0.002	mg/L	0.005	mg/L	N/A	N
Inorganic/General Chemistry	57-12-5	Cyanide, Total (as Cn)	Certified	SM 4500-CN <sup>-</sup> E-1999	0.002	mg/L	0.005	mg/L	N/A	N

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Inorganic/General Chemistry	57-12-5	Cyanide; Free Cyanide	Certified	OIA-1677-09 (2010)	0.0012	mg/L	0.0020	mg/L	N/A	N
Inorganic/General Chemistry	16984-48-8	Fluoride	Certified	EPA 300.0 Rev 2.1 (1993)	0.0670	mg/L	0.10	mg/L	N/A	N
Inorganic/General Chemistry		Hardness, Total (as CaCO3)	Certified	SM 2340 B-1997	2.17	mg/L	5	mg/L	N/A	N
Inorganic/General Chemistry	84145-82-4	Nitrate	Certified	Calculation	0.0034	mg/L	0.02	mg/L	N/A	N
Inorganic/General Chemistry	84145-82-4	Nitrate	Certified	EPA 300.0 Rev 2.1 (1993)	0.046	mg/L	0.10	mg/L	N/A	N
Inorganic/General Chemistry		Nitrate-Nitrite (as N)	Certified	EPA 300.0 Rev 2.1 (1993)	0.046	mg/L	0.20	mg/L	N/A	N
Inorganic/General Chemistry		Nitrate-Nitrite (as N)	Certified	EPA 353.2, Rev. 2.0 (1993)	0.013	mg/L	0.02	mg/L	N/A	N
Inorganic/General Chemistry	14797-65-0	Nitrite	Certified	EPA 300.0 Rev 2.1 (1993)	0.047	mg/L	0.10	mg/L	N/A	N
Inorganic/General Chemistry	14797-65-0	Nitrite	Certified	EPA 353.2, Rev. 2.0 (1993)	0.006	mg/L	0.02	mg/L	N/A	N
Inorganic/General Chemistry		Oil and Grease	Certified	EPA 1664 Rev. A	0.97	mg/L	5	mg/L	N/A	N
Inorganic/General Chemistry	64743-03-9	Phenolics, Total	Certified	EPA 420.4 Rev. 1.0 (1993)	0.002	mg/L	0.01	mg/L	N/A	N
Inorganic/General Chemistry	7723-14-0	Phosphorus, Total (as P)	Certified	EPA 365.1 Rev. 2.0 (1993)	0.017	mg/L	0.05	mg/L	N/A	N
Inorganic/General Chemistry		Solids, Total	Certified	SM 2540 B-1997	6	mg/L	6	mg/L	N/A	N
Inorganic/General Chemistry		Solids, Total Dissolved	Certified	SM 2540 C-1997	6.13	mg/L	10	mg/L	N/A	N
Inorganic/General Chemistry		Solids, Total Suspended (TSS)	Certified	SM 2540 D-1997	0.38	mg/L	0.60	mg/L	N/A	N
Inorganic/General Chemistry	14808-79-8	Sulfate, Total (as SO4)	Certified	EPA 300.0 Rev 2.1 (1993)	0.343	mg/L	1	mg/L	N/A	N

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Inorganic/General Chemistry	264888-19-9	o-Phosphate	Certified	EPA 365.1 Rev. 2.0 (1993)	0.0150	mg/L	0.05	mg/L	N/A	N
Inorganic/General Chemistry	264888-19-9	o-Phosphate	Certified	SM 4500-P F-1999	0.0150	mg/L	0.125	mg/L	N/A	N
Inorganic/Metals	7429-90-5	Aluminum, Total (as Al)	Certified	EPA 200.8, Rev. 5.4 (1994)	0.0042	mg/L	0.01	mg/L	N/A	N
Inorganic/Metals	7440-36-0	Antimony, Total (as Sb)	Certified	EPA 200.8, Rev. 5.4 (1994)	0.00017	mg/L	0.0050	mg/L	N/A	N
Inorganic/Metals	7440-38-2	Arsenic, Total (as As)	Certified	EPA 200.8, Rev. 5.4 (1994)	0.00087	mg/L	0.0050	mg/L	N/A	N
Inorganic/Metals	7440-39-3	Barium, Total (as Ba)	Certified	EPA 200.8, Rev. 5.4 (1994)	0.00219	mg/L	0.0050	mg/L	N/A	N
Inorganic/Metals	7440-41-7	Beryllium, Total	Certified	EPA 200.8, Rev. 5.4 (1994)	0.00012	mg/L	0.0020	mg/L	N/A	N
Inorganic/Metals	7440-42-8	Boron	Certified	EPA 200.8, Rev. 5.4 (1994)	0.00184	mg/L	0.02	mg/L	N/A	N
Inorganic/Metals	7440-43-9	Cadmium, Total (as Cd)	Certified	EPA 200.8, Rev. 5.4 (1994)	0.00005	mg/L	0.0002	mg/L	N/A	N
Inorganic/Metals	7440-70-2	Calcium, total [as Ca]	Certified	EPA 200.8, Rev. 5.4 (1994)	0.0858	mg/L	0.50	mg/L	N/A	N
Inorganic/Metals	7440-47-3	Chromium, Total (as Cr)	Certified	EPA 200.8, Rev. 5.4 (1994)	0.00065	mg/L	0.0050	mg/L	N/A	N
Inorganic/Metals	7440-48-4	Cobalt, Total	Certified	EPA 200.8, Rev. 5.4 (1994)	0.00014	mg/L	0.0050	mg/L	N/A	N
Inorganic/Metals	7440-50-8	Copper, Total	Certified	EPA 200.8, Rev. 5.4 (1994)	0.00028	mg/L	0.0050	mg/L	N/A	N
Inorganic/Metals	7439-89-6	Iron, Total (as Fe)	Certified	EPA 200.8, Rev. 5.4 (1994)	0.00465	mg/L	0.08	mg/L	N/A	N
Inorganic/Metals	7439-92-1	Lead, Total (as Pb)	Certified	EPA 200.8, Rev. 5.4 (1994)	0.00033	mg/L	0.0050	mg/L	N/A	N
Inorganic/Metals	7439-95-4	Magnesium, Total (as Mg)	Certified	EPA 200.8, Rev. 5.4 (1994)	0.00676	mg/L	0.20	mg/L	N/A	N
Inorganic/Metals	7439-96-5	Manganese, Total (as Mn)	Certified	EPA 200.8, Rev. 5.4 (1994)	0.00051	mg/L	0.0050	mg/L	N/A	N
Inorganic/Metals	7439-97-6	Mercury, Total (as Hg)	Certified	EPA 1631E (2002)	0.20	ng/L	0.50	ng/L	N/A	N
Inorganic/Metals	7439-97-6	Mercury, Total (as Hg)	Certified	EPA 245.1 Rev 3.0	0.000018	mg/L	0.0002	mg/L	N/A	N
Inorganic/Metals	7439-98-7	Molybdenum, Total (as Mo)	Certified	EPA 200.8, Rev. 5.4 (1994)	0.00031	mg/L	0.0050	mg/L	N/A	N
Inorganic/Metals	7440-02-0	Nickel, Total (as Ni)	Certified	EPA 200.8, Rev. 5.4 (1994)	0.00041	mg/L	0.0050	mg/L	N/A	N
Inorganic/Metals	7440-09-7	Potassium, Total (as K)	Certified	EPA 200.8, Rev. 5.4 (1994)	0.0173	mg/L	0.20	mg/L	N/A	N

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Inorganic/Metals	7782-49-2	Selenium, Total (as Se)	Certified	EPA 200.8, Rev. 5.4 (1994)	0.0009	mg/L	0.0050	mg/L	N/A	N
Inorganic/Metals	7440-22-4	Silver, Total (as Ag)	Certified	EPA 200.8, Rev. 5.4 (1994)	0.00005	mg/L	0.0050	mg/L	N/A	N
Inorganic/Metals	7440-23-5	Sodium, Total (as Na)	Certified	EPA 200.8, Rev. 5.4 (1994)	0.0342	mg/L	0.20	mg/L	N/A	N
Inorganic/Metals	7440-28-0	Thallium, Total	Certified	EPA 200.8, Rev. 5.4 (1994)	0.00016	mg/L	0.0050	mg/L	N/A	N
Inorganic/Metals	7440-31-5	Tin, Total	Certified	EPA 200.8, Rev. 5.4 (1994)	0.00011	mg/L	0.0020	mg/L	N/A	N
Inorganic/Metals	7440-32-6	Titanium, Total (as Ti)	Certified	EPA 200.8, Rev. 5.4 (1994)	0.00039	mg/L	0.0050	mg/L	N/A	N
Inorganic/Metals	7440-62-2	Vanadium, Total	Certified	EPA 200.8, Rev. 5.4 (1994)	0.00098	mg/L	0.0050	mg/L	N/A	N
Inorganic/Metals	7440-66-6	Zinc, Total (as Zn)	Certified	EPA 200.8, Rev. 5.4 (1994)	0.00141	mg/L	0.01	mg/L	N/A	N
ORG/Pest/Herb/PC B	72-54-8	4,4'-DDD	Certified	EPA 608	0.0028	ug/L	0.02	ug/L	N/A	N
ORG/Pest/Herb/PC B	72-55-9	4,4'-DDE	Certified	EPA 608	0.0025	ug/L	0.02	ug/L	N/A	N
ORG/Pest/Herb/PC B	50-29-3	4,4'-DDT	Certified	EPA 608	0.0028	ug/L	0.02	ug/L	N/A	N
ORG/Pest/Herb/PC B	309-00-2	Aldrin	Certified	EPA 608	0.0054	ug/L	0.02	ug/L	N/A	N
ORG/Pest/Herb/PC B	319-84-6	Alpha-BHC	Certified	EPA 608	0.0028	ug/L	0.02	ug/L	N/A	N
ORG/Pest/Herb/PC B	11141-16-5	Aroclor 1232	Certified	EPA 608	0.0670	ug/L	0.20	ug/L	N/A	N
ORG/Pest/Herb/PC B	12674-11-2	Aroclor-1016 (PCB-1016)	Certified	EPA 608	0.0670	ug/L	0.20	ug/L	N/A	N
ORG/Pest/Herb/PC B	11104-28-2	Aroclor-1221 (PCB-1221)	Certified	EPA 608	0.0670	ug/L	0.20	ug/L	N/A	N
ORG/Pest/Herb/PC B	53469-21-9	Aroclor-1242 (PCB-1242)	Certified	EPA 608	0.0670	ug/L	0.20	ug/L	N/A	N
ORG/Pest/Herb/PC B	12672-29-6	Aroclor-1248 (PCB-1248)	Certified	EPA 608	0.0670	ug/L	0.20	ug/L	N/A	N
ORG/Pest/Herb/PC B	11097-69-1	Aroclor-1254 (PCB-1254)	Certified	EPA 608	0.0580	ug/L	0.20	ug/L	N/A	N

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ORG/Pest/Herb/PC B	11096-82-5	Aroclor-1260 (PCB-1260)	Certified	EPA 608	0.0580	ug/L	0.20	ug/L	N/A	N
ORG/Pest/Herb/PC B	58-89-9	BHC-Gamma (Lindane)	Certified	EPA 608	0.0030	ug/L	0.02	ug/L	N/A	N
ORG/Pest/Herb/PC B	319-85-7	Beta-BHC	Certified	EPA 608	0.0066	ug/L	0.02	ug/L	N/A	N
ORG/Pest/Herb/PC B	12789-03-6	Chlordane	Certified	EPA 608	0.0223	ug/L	1	ug/L	N/A	N
ORG/Pest/Herb/PC B	319-86-8	Delta-Hexachlorocyclohexane	Certified	EPA 608	0.0026	ug/L	0.02	ug/L	N/A	N
ORG/Pest/Herb/PC B	60-57-1	Dieldrin	Certified	EPA 608	0.0022	ug/L	0.02	ug/L	N/A	N
ORG/Pest/Herb/PC B	1031-07-8	Endosulfan Sulfate	Certified	EPA 608	0.0022	ug/L	0.02	ug/L	N/A	N
ORG/Pest/Herb/PC B	72-20-8	Endrin	Certified	EPA 608	0.0022	ug/L	0.02	ug/L	N/A	N
ORG/Pest/Herb/PC B	7421-93-4	Endrin aldehyde	Certified	EPA 608	0.0028	ug/L	0.02	ug/L	N/A	N
ORG/Pest/Herb/PC B	76-44-8	Heptachlor	Certified	EPA 608	0.0083	ug/L	0.02	ug/L	N/A	N
ORG/Pest/Herb/PC B	1024-57-3	Heptachlor Epoxide	Certified	EPA 608	0.0030	ug/L	0.02	ug/L	N/A	N
ORG/Pest/Herb/PC B	8001-35-2	Toxaphene	Certified	EPA 608	0.0423	ug/L	4	ug/L	N/A	N
ORG/Pest/Herb/PC B	959-98-8	alpha-Endosulfan (Endosulfan I)	Certified	EPA 608	0.0028	ug/L	0.02	ug/L	N/A	N
ORG/Pest/Herb/PC B	33213-65-9	beta-Endosulfan (Endosulfan II)	Certified	EPA 608	0.0022	ug/L	0.02	ug/L	N/A	N
ORG/Semi-Volatiles	120-82-1	1,2,4-Trichlorobenzene	Certified	EPA 625	0.41	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	7005-72-3	1-Chloro-4-Phenoxybenzene	Certified	EPA 625	0.31	ug/L	5	ug/L	N/A	N

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ORG/Semi-Volatiles	111-44-4	2,2'-Dichlorodiethylether	Certified	EPA 625	0.37	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	95-95-4	2,4,5-Trichlorophenol	Certified	EPA 625	0.17	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	88-06-2	2,4,6-Trichlorophenol	Certified	EPA 625	0.25	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	120-83-2	2,4-Dichlorophenol	Certified	EPA 625	0.35	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	105-67-9	2,4-Dimethylphenol	Certified	EPA 625	0.36	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	51-28-5	2,4-Dinitrophenol	Certified	EPA 625	0.40	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	121-14-2	2,4-Dinitrotoluene	Certified	EPA 625	0.42	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	606-20-2	2,6-Dinitrotoluene	Certified	EPA 625	0.11	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	91-58-7	2-Chloronaphthalene	Certified	EPA 625	0.075	ug/L	0.10	ug/L	N/A	N
ORG/Semi-Volatiles	95-57-8	2-Chlorophenol	Certified	EPA 625	0.23	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	88-75-5	2-Nitrophenol	Certified	EPA 625	0.34	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	91-94-1	3,3'-Dichlorobenzidine	Certified	EPA 625	1.59	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	534-52-1	4,6-Dinitro-o-Cresol	Certified	EPA 625	0.27	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	101-55-3	4-Bromophenyl Phenyl Ether	Certified	EPA 625	0.33	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	59-50-7	4-Chloro-3-Methylphenol	Certified	EPA 625	0.26	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	100-02-7	4-Nitrophenol	Certified	EPA 625	0.24	ug/L	5	ug/L	N/A	N

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ORG/Semi-Volatiles	83-32-9	Acenaphthene	Certified	EPA 625	0.081	ug/L	0.10	ug/L	N/A	N
ORG/Semi-Volatiles	208-96-8	Acenaphthylene	Certified	EPA 625	0.075	ug/L	0.10	ug/L	N/A	N
ORG/Semi-Volatiles	120-12-7	Anthracene	Certified	EPA 625	0.028	ug/L	0.10	ug/L	N/A	N
ORG/Semi-Volatiles	92-87-5	Benzidine	Certified	EPA 625	1.99	ug/L	10	ug/L	N/A	N
ORG/Semi-Volatiles	56-55-3	Benzo[A]Anthracene	Certified	EPA 625	0.022	ug/L	0.10	ug/L	N/A	N
ORG/Semi-Volatiles	50-32-8	Benzo[A]Pyrene	Certified	EPA 625	0.044	ug/L	0.10	ug/L	N/A	N
ORG/Semi-Volatiles	205-99-2	Benzo[B]Fluoranthene	Certified	EPA 625	0.051	ug/L	0.10	ug/L	N/A	N
ORG/Semi-Volatiles	191-24-2	Benzo[G,H,I]Perylene	Certified	EPA 625	0.03	ug/L	0.10	ug/L	N/A	N
ORG/Semi-Volatiles	207-08-9	Benzo[K]Fluoranthene	Certified	EPA 625	0.048	ug/L	0.10	ug/L	N/A	N
ORG/Semi-Volatiles	108-60-1	Bis (2-Chloro-Isopropyl) Ether	Certified	EPA 625	0.23	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	111-91-1	Bis(2-Chloroethoxy)methane	Certified	EPA 625	0.29	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	117-81-7	Bis(2-Ethylhexyl) Phthalate	Certified	EPA 625	0.40	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	117-84-0	Bis(N-Octyl) Phthalate	Certified	EPA 625	0.15	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	85-68-7	Butyl Benzyl Phthalate	Certified	EPA 625	0.30	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	218-01-9	Chrysene	Certified	EPA 625	0.048	ug/L	0.10	ug/L	N/A	N
ORG/Semi-Volatiles	53-70-3	Dibenzo(a,h)anthracene	Certified	EPA 625	0.03	ug/L	0.01	ug/L	N/A	N



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ORG/Semi-Volatiles	84-74-2	Dibutyl phthalate	Certified	EPA 625	0.21	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	84-66-2	Diethyl Phthalate	Certified	EPA 625	0.17	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	131-11-3	Dimethyl Phthalate	Certified	EPA 625	0.18	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	206-44-0	Fluoranthene	Certified	EPA 625	0.0380	ug/L	0.10	ug/L	N/A	N
ORG/Semi-Volatiles	86-73-7	Fluorene	Certified	EPA 625	0.0510	ug/L	0.10	ug/L	N/A	N
ORG/Semi-Volatiles	87-68-3	Hexachloro-1,3-butadiene	Certified	EPA 625	0.28	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	118-74-1	Hexachlorobenzene	Certified	EPA 625	0.44	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	77-47-4	Hexachlorocyclopentadiene	Certified	EPA 625 - Screening only	1.09	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	67-72-1	Hexachloroethane	Certified	EPA 625	0.21	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	193-39-5	Indeno(1,2,3-cd)pyrene	Certified	EPA 625	0.0670	ug/L	0.10	ug/L	N/A	N
ORG/Semi-Volatiles	78-59-1	Isophorone	Certified	EPA 625	0.34	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	91-20-3	Naphthalene	Certified	EPA 625	0.0670	ug/L	0.10	ug/L	N/A	N
ORG/Semi-Volatiles	98-95-3	Nitrobenzene	Certified	EPA 625	0.26	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	87-86-5	Pentachlorophenol	Certified	EPA 625	0.97	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	85-01-8	Phenanthrene	Certified	EPA 625	0.03	ug/L	0.10	ug/L	N/A	N
ORG/Semi-Volatiles	108-95-2	Phenol	Certified	EPA 625	0.21	ug/L	5	ug/L	N/A	N

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KY Category	CAS #	Analyte	Status	Reference Method	MDL	MDL Units	MRL	MRL Units	ATP	Method Mod
ORG/Semi-Volatiles	129-00-0	Pyrene	Certified	EPA 625	0.0360	ug/L	0.10	ug/L	N/A	N
ORG/Semi-Volatiles	621-64-7	n-Nitrosodi-n-Propylamine	Certified	EPA 625	0.35	ug/L	1	ug/L	N/A	N
ORG/Semi-Volatiles	62-75-9	n-Nitrosodimethylamine	Certified	EPA 625	0.48	ug/L	5	ug/L	N/A	N
ORG/Semi-Volatiles	86-30-6	n-Nitrosodiphenylamine	Certified	EPA 625	0.23	ug/L	5	ug/L	N/A	N
ORG/Volatiles	71-55-6	1,1,1-Trichloroethane	Certified	EPA 624	0.33	ug/L	1	ug/L	N/A	N
ORG/Volatiles	79-34-5	1,1,2,2-Tetrachloroethane	Certified	EPA 624	0.17	ug/L	1	ug/L	N/A	N
ORG/Volatiles	79-00-5	1,1,2-Trichloroethane	Certified	EPA 624	0.22	ug/L	1	ug/L	N/A	N
ORG/Volatiles	75-34-3	1,1-Dichloroethane	Certified	EPA 624	0.48	ug/L	1	ug/L	N/A	N
ORG/Volatiles	75-35-4	1,1-Dichloroethylene	Certified	EPA 624	0.36	ug/L	1	ug/L	N/A	N
ORG/Volatiles	95-50-1	1,2-Dichlorobenzene	Certified	EPA 624	0.12	ug/L	1	ug/L	N/A	N
ORG/Volatiles	107-06-2	1,2-Dichloroethane (EDC)	Certified	EPA 624	0.11	ug/L	1	ug/L	N/A	N
ORG/Volatiles	78-87-5	1,2-Dichloropropane	Certified	EPA 624	0.34	ug/L	1	ug/L	N/A	N
ORG/Volatiles	541-73-1	1,3-Dichlorobenzene	Certified	EPA 624	0.13	ug/L	1	ug/L	N/A	N
ORG/Volatiles	106-46-7	1,4-Dichlorobenzene	Certified	EPA 624	0.13	ug/L	1	ug/L	N/A	N
ORG/Volatiles	110-75-8	2-Chloroethyl Vinyl Ether	Certified	EPA 624	0.14	ug/L	1	ug/L	N/A	N
ORG/Volatiles	107-13-1	Acrylonitrile	Certified	EPA 624	0.34	ug/L	1	ug/L	N/A	N
ORG/Volatiles	71-43-2	Benzene	Certified	EPA 624	0.42	ug/L	1	ug/L	N/A	N
ORG/Volatiles	75-27-4	Bromodichloromethane	Certified	EPA 624	0.22	ug/L	1	ug/L	N/A	N
ORG/Volatiles	74-83-9	Bromomethane (Methyl bromide)	Certified	EPA 624	0.29	ug/L	1	ug/L	N/A	N
ORG/Volatiles	56-23-5	Carbon Tetrachloride	Certified	EPA 624	0.32	ug/L	1	ug/L	N/A	N
ORG/Volatiles	108-90-7	Chlorobenzene	Certified	EPA 624	0.21	ug/L	1	ug/L	N/A	N

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KY Category	CAS #	Analyte	Status	Reference Method	MDL	MDL Units	MRL	MRL Units	ATP	Method Mod
ORG/Volatiles	124-48-1	Chlorodibromomethane	Certified	EPA 624	0.20	ug/L	1	ug/L	N/A	N
ORG/Volatiles	75-00-3	Chloroethane	Certified	EPA 624	0.68	ug/L	1	ug/L	N/A	N
ORG/Volatiles	67-66-3	Chloroform	Certified	EPA 624	0.46	ug/L	1	ug/L	N/A	N
ORG/Volatiles	75-09-2	Dichloromethane (Methylene chloride)	Certified	EPA 624	0.16	ug/L	5	ug/L	N/A	N
ORG/Volatiles	100-41-4	Ethylbenzene	Certified	EPA 624	0.29	ug/L	1	ug/L	N/A	N
ORG/Volatiles	74-87-3	Methyl chloride	Certified	EPA 624	0.68	ug/L	1	ug/L	N/A	N
ORG/Volatiles	127-18-4	Tetrachloroethylene (PCE)	Certified	EPA 624	0.28	ug/L	1	ug/L	N/A	N
ORG/Volatiles	108-88-3	Toluene	Certified	EPA 624	0.32	ug/L	1	ug/L	N/A	N
ORG/Volatiles	75-25-2	Tribromomethane	Certified	EPA 624	0.56	ug/L	1	ug/L	N/A	N
ORG/Volatiles	79-01-6	Trichloroethylene	Certified	EPA 624	0.33	ug/L	1	ug/L	N/A	N
ORG/Volatiles	75-69-4	Trichlorofluoromethane	Certified	EPA 624	0.24	ug/L	1	ug/L	N/A	N
ORG/Volatiles	75-01-4	Vinyl Chloride	Certified	EPA 624	0.53	ug/L	1	ug/L	N/A	N
ORG/Volatiles	10061-01-5	cis-1,3-Dichloropropene	Certified	EPA 624	0.13	ug/L	1	ug/L	N/A	N
ORG/Volatiles	156-60-5	trans-1,2-Dichloroethylene	Certified	EPA 624	0.48	ug/L	1	ug/L	N/A	N
ORG/Volatiles	10061-02-6	trans-1,3-Dichloropropene	Certified	EPA 624	0.15	ug/L	1	ug/L	N/A	N