



**STATE OF ILLINOIS**  
**ENVIRONMENTAL PROTECTION AGENCY**  
**NELAP - RECOGNIZED**



**ENVIRONMENTAL LABORATORY ACCREDITATION**

is hereby granted to

**PDC Laboratories, Inc, Hazelwood**  
**944 Anglum Road**  
**Hazelwood, MO 63042**

**NELAP ACCREDITED**

Accreditation Number #200080



According to the Illinois Administrative Code, Title 35, Subtitle A, Chapter II, Part 186, ACCREDITATION OF LABORATORIES FOR DRINKING WATER, WASTEWATER AND HAZARDOUS WASTES ANALYSIS, the State of Illinois formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed below.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part 186 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part 186. Please contact the Illinois EPA Environmental Laboratory Accreditation Program (IL ELAP) to verify the laboratory's scope of accreditation and accreditation status. Accreditation by the State of Illinois is not an endorsement or a guarantee of validity of the data generated by the laboratory.

Primary Accrediting Authority: Kansas

Celeste M. Crowley  
Supervisor  
Environmental Laboratory Accreditation Program

Certificate No: 2000802020-7

Expiration Date: 8/5/2021

Issued On: 8/20/2020

# State of Illinois Environmental Protection Agency

## Awards the Certificate of Approval to:

PDC Laboratories, Inc, Hazelwood  
944 Anglum Road  
Hazelwood, MO 63042

The Illinois Environmental Laboratory Accreditation Program encourages all clients and data users to verify the most current scope of accreditation for PDC Laboratories, Inc, Hazelwood.

Certificate No.: 2000802020-7

Primary AB

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### Field of Testing /Matrix: CWA (Non Potable Water)

#### Method EPA 150.2

pH KS

#### Method EPA 1664A Rev: 1

Oil & Grease KS

#### Method EPA 200.7 Rev: 4.4

Aluminum KS

Antimony KS

Arsenic KS

Barium KS

Beryllium KS

Cadmium KS

Calcium KS

Chromium KS

Cobalt KS

Copper KS

Hardness (calc.) KS

Iron KS

Lead KS

Magnesium KS

Manganese KS

Molybdenum KS

Nickel KS

Phosphorus KS

Potassium KS

Selenium KS

Silver KS

Sodium KS

Thallium KS

Zinc KS

#### Method EPA 200.8 Rev: 5.4

Aluminum KS

Antimony KS

Arsenic KS

Barium KS

Cadmium KS

Calcium KS

Chromium KS

Cobalt KS

Copper KS

**Field of Testing /Matrix: CWA (Non Potable Water)**

Iron	KS
Lead	KS
Magnesium	KS
Manganese	KS
Molybdenum	KS
Nickel	KS
Potassium	KS
Selenium	KS
Sodium	KS
Vanadium	KS
Zinc	KS
<b>Method EPA 245.1 Rev: 3</b>	
Mercury	KS
<b>Method EPA 300.0 Rev: 2.1</b>	
Chloride	KS
Nitrate	KS
Nitrate plus Nitrite as N	KS
Nitrite	KS
Sulfate	KS
<b>Method EPA 350.1 Rev: 2</b>	
Ammonia	KS
<b>Method EPA 351.2 Rev: 2</b>	
Total Kjeldahl Nitrogen (TKN)	KS
<b>Method EPA 420.1</b>	
Total phenolics	KS
<b>Method EPA 608</b>	
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
<b>Method EPA 625</b>	
1,2,4-Trichlorobenzene	KS
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	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-Nitrophenol	KS
3,3'-Dichlorobenzidine	KS
4-Bromophenyl phenyl ether	KS
4-Chloro-3-methylphenol	KS
4-Chlorophenyl phenylether	KS

**Field of Testing /Matrix: CWA (Non Potable Water)**

4-Nitrophenol	KS
Acenaphthene	KS
Acenaphthylene	KS
Anthracene	KS
Benzo(a)anthracene	KS
Benzo(a)pyrene	KS
Benzo(b)fluoranthene	KS
Benzo(g,h,i)perylene	KS
Benzo(k)fluoranthene	KS
bis(2-Chloroethoxy)methane	KS
bis(2-Chloroethyl) ether	KS
bis(2-Ethylhexyl) phthalate (DEHP)	KS
Butyl benzyl phthalate	KS
Chrysene	KS
Dibenz(a,h) anthracene	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
<b>Method SM 2320 B-2011</b>	
Alkalinity as CaCO <sub>3</sub>	KS
<b>Method SM 2540 B-2011</b>	
Residue-total	KS
<b>Method SM 2540 C-2011</b>	
Residue-filterable (TDS)	KS
<b>Method SM 2540 D-2011</b>	
Residue-nonfilterable (TSS)	KS
<b>Method SM 3500-Cr B-2011</b>	
Chromium VI	KS
<b>Method SM 4500-CN<sup>-</sup> E-2011</b>	
Cyanide	KS
<b>Method SM 4500-H<sup>+</sup> B-2011</b>	
pH	KS

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**Field of Testing /Matrix: CWA (Non Potable Water)****Method SM 4500-P E-2011**

Orthophosphate as P

KS

Phosphorus

KS

**Method SM 5210 B-2011**

Biochemical oxygen demand

KS

Carbonaceous BOD, CBOD

KS

**Method SM 5220 D-2011**

Chemical oxygen demand

KS

**Field of Testing /Matrix: RCRA (Non Potable Water)****Method EPA 1311 Rev: 0**

Toxicity Characteristic Leaching Procedure (TCLP) KS

**Method EPA 6010B Rev: 2**

Aluminum KS  
 Antimony KS  
 Arsenic KS  
 Barium KS  
 Beryllium KS  
 Boron KS  
 Cadmium KS  
 Calcium KS  
 Chromium KS  
 Cobalt KS  
 Copper KS  
 Iron KS  
 Lead KS  
 Magnesium KS  
 Manganese KS  
 Molybdenum KS  
 Nickel KS  
 Phosphorus KS  
 Potassium KS  
 Selenium KS  
 Silver KS  
 Sodium KS  
 Thallium KS  
 Vanadium KS  
 Zinc KS

**Method EPA 6020 Rev: 0**

Aluminum KS  
 Antimony KS  
 Arsenic KS  
 Barium KS  
 Cadmium KS  
 Calcium KS  
 Chromium KS  
 Cobalt KS  
 Copper KS  
 Iron KS  
 Magnesium KS  
 Manganese KS  
 Molybdenum KS  
 Nickel KS  
 Selenium KS  
 Sodium KS  
 Vanadium KS  
 Zinc KS

**Method EPA 7470A Rev: 1**

Mercury KS

**Method EPA 7471A**

Mercury KS

**Field of Testing /Matrix: RCRA (Non Potable Water)****Method EPA 8082 Rev: 0**

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-Trichloro-1,2,2-trifluoroethane	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-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-Trichlorobenzene	KS
1,3-Dichlorobenzene	KS
1,3-Dichloropropane	KS
1,4-Dichlorobenzene	KS
1,4-Dioxane (1,4- Diethyleneoxide)	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
Acetonitrile	KS
Acrolein (Propenal)	KS
Acrylonitrile	KS
Benzene	KS
Bromobenzene	KS
Bromochloromethane	KS
Bromodichloromethane	KS
Bromoform	KS
Carbon disulfide	KS
Carbon tetrachloride	KS
Chlorobenzene	KS
Chloroethane (Ethyl chloride)	KS
Chloroform	KS

**Field of Testing /Matrix: RCRA (Non Potable Water)**

cis-1,2-Dichloroethylene	KS
cis-1,3-Dichloropropene	KS
Dibromofluoromethane	KS
Dibromomethane (Methylene bromide)	KS
Dichlorodifluoromethane (Freon-12)	KS
Ethyl methacrylate	KS
Ethylbenzene	KS
Hexachlorobutadiene	KS
Isobutyl alcohol (2-Methyl-1-propanol)	KS
Isopropylbenzene	KS
m+p-xylene	KS
Methyl chloride (Chloromethane)	KS
Methyl methacrylate	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
trans-1,4-Dichloro-2-butene	KS
Trichloroethene (Trichloroethylene)	KS
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	KS
Vinyl acetate	KS
Vinyl chloride	KS
Xylene (total)	KS

**Method EPA 8270C Rev: 3**

1,2,4-Trichlorobenzene	KS
1,2-Dichlorobenzene (o-Dichlorobenzene)	KS
1,2-Diphenylhydrazine	KS
1,3-Dichlorobenzene	KS
1,4-Dichlorobenzene	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-Dichlorophenol	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



**Field of Testing /Matrix: RCRA (Non Potable Water)**

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
Aniline	KS
Anthracene	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
bis(2-Chloroisopropyl) ether, bis(2-Chloro-1-methylethyl) ether	KS
bis(2-Ethylhexyl) phthalate (DEHP)	KS
Butyl benzyl phthalate	KS
Chrysene	KS
Dibenz(a,h) anthracene	KS
Dibenzofuran	KS
Diethyl phthalate	KS
Dimethyl phthalate	KS
Di-n-butyl phthalate	KS
Di-n-octyl phthalate	KS
Diphenylamine	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

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**Field of Testing /Matrix: RCRA (Non Potable Water)**

Pyridine

KS

**Method EPA 9040**

pH

KS

**Method EPA 9056 Rev: 0**

Sulfate

KS

**Method EPA 9065 Rev: 0**

Total phenolics

KS

**Field of Testing /Matrix: RCRA (Solid & Hazardous Material)****Method EPA 1311 Rev: 0**

Toxicity Characteristic Leaching Procedure (TCLP) KS

**Method EPA 6010B Rev: 2**

Aluminum	KS
Antimony	KS
Arsenic	KS
Barium	KS
Beryllium	KS
Boron	KS
Cadmium	KS
Calcium	KS
Chromium	KS
Cobalt	KS
Copper	KS
Iron	KS
Lead	KS
Magnesium	KS
Manganese	KS
Molybdenum	KS
Nickel	KS
Phosphorus	KS
Potassium	KS
Selenium	KS
Silver	KS
Sodium	KS
Thallium	KS
Tin	KS
Titanium	KS
Vanadium	KS
Zinc	KS

**Method EPA 6020 Rev: 0**

Aluminum	KS
Antimony	KS
Arsenic	KS
Barium	KS
Beryllium	KS
Boron	KS
Cadmium	KS
Calcium	KS
Chromium	KS
Copper	KS
Iron	KS
Magnesium	KS
Manganese	KS
Molybdenum	KS
Nickel	KS
Selenium	KS
Silver	KS
Sodium	KS
Vanadium	KS
Zinc	KS

**Field of Testing /Matrix: RCRA (Solid & Hazardous Material)****Method EPA 7471A**

Mercury KS

**Method EPA 8015C**

Diesel range organics (DRO) KS

**Method EPA 8082 Rev: 0**

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-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-Chlorotoluene KS

2-Hexanone KS

4-Chlorotoluene KS

4-Isopropyltoluene (p-Cymene, p-Isopropyltoluene) KS

4-Methyl-2-pentanone (MIBK) KS

Acetone KS

Acetonitrile KS

Acrolein (Propenal) KS

Acrylonitrile KS

Benzene KS

Bromobenzene KS

Bromochloromethane KS

Bromodichloromethane KS

Bromoform KS

Carbon disulfide KS

Carbon tetrachloride KS

Chlorobenzene KS

**Field of Testing /Matrix: RCRA (Solid & Hazardous Material)**

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 methacrylate	KS
Methyl tert-butyl ether (MTBE)	KS
Methylene chloride (Dichloromethane)	KS
m-Xylene	KS
Naphthalene	KS
n-Butylbenzene	KS
n-Propylbenzene	KS
o-Xylene	KS
p-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

**Method EPA 8270C Rev: 3**

1,2,4-Trichlorobenzene	KS
1,2-Dichlorobenzene (o-Dichlorobenzene)	KS
1,2-Diphenylhydrazine	KS
1,3-Dichlorobenzene	KS
1,4-Dichlorobenzene	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-Dichlorophenol	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

**Field of Testing /Matrix: RCRA (Solid & Hazardous Material)**

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
Aniline	KS
Anthracene	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
bis(2-Chloroisopropyl) ether, bis(2-Chloro-1-methylethyl) ether	KS
bis(2-Ethylhexyl) phthalate (DEHP)	KS
Butyl benzyl phthalate	KS
Chrysene	KS
Dibenz(a,h) anthracene	KS
Dibenzofuran	KS
Diethyl phthalate	KS
Dimethyl phthalate	KS
Di-n-butyl phthalate	KS
Di-n-octyl phthalate	KS
Diphenylamine	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

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**Field of Testing /Matrix:** *RCRA (Solid & Hazardous Material)*

Pyridine

KS

**Method EPA 9045C Rev: 3**

pH

KS

**Method EPA 9065 Rev: 0**

Total phenolics

KS

**End of Scope of Accreditation**