

**PDC Laboratories, Inc. – Peoria, IL Analytical Capabilities  
Methods: Organics**

**Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans**

Dioxins & Furans (High Resolution)	EPA SW-846 8290A	NPW/SCM
2,3,7,8 TCDD (High Resolution)	EPA 1613B	PW

**Semi-Volatile Organic Compounds**

Acid/Base-Neutral Compounds	EPA SW-846 8270C	NPW/SCM
Acid Compounds	EPA SW-846 8270C	NPW/SCM
Base-Neutral Compounds	EPA SW-846 8270C	NPW/SCM
Polyaromatic Hydrocarbon Compounds	EPA SW-846 8270C	NPW/SCM
Pesticides	EPA SW-846 8270C	NPW
Farm Chemicals (Selected List)	EPA SW-846 8270C	NPW
Acid/Base-Neutral Compounds	EPA 625	NPW
Acid Compounds only	EPA 625	NPW
Base-Neutral Compounds only	EPA 625	NPW
Polyaromatic Hydrocarbon Compounds only	EPA 625	NPW
Pesticides only	EPA 625	NPW

**Volatile Organic Compounds**

VOCs	EPA SW-846 8260B	NPW/SCM
VOCs	EPA 624	NPW
VOCs (Regulated and Unregulated)	EPA 524.2	PW
VOCs (BTEX & MTBE)	EPA 524.2	PW
VOCs (THMs)	EPA 524.2	PW
VOCs (EDB, DBCP)	EPA 504.1	PW

**Pesticides**

Pesticides	EPA SW-846 8270C	NPW/SCM
Pesticides (OP – Selected List)	EPA SW-846 8141B	NPW/SCM
Pesticides	EPA SW-846 8081A	NPW/SCM
Pesticides	EPA 608	NPW
Pesticides (Carbamates)	EPA 531.1	PW
Pesticides	EPA 525.2	PW
HCCP	EPA 505	PW

### Polychlorinated Biphenyls (PCBs)

PCBs	EPA SW-846 8082	NPW/SCM
PCBs	EPA 608	NPW
PCB as Aroclor	EPA 525.2	PW

### Herbicides

Herbicides	EPA SW-846 8151A	NPW/SCM
Herbicides	EPA 515.3	PW
Glyphosate	EPA 547	PW
Endothall	EPA 548.1	PW
Diquat	EPA 549.2	PW

### Polyaromatic Hydrocarbons (PAHs)

PAHs	EPA SW-846 8270C	NPW/SCM
PAHs	EPA SW-846 8310	NPW/SCM
PAHs	EPA 610	NPW
Benzo(a)pyrene (only)	EPA 525.2	PW
Benzo(a)pyrene (only)	EPA 550	PW

### Disinfection By-Products

VOCs (THMs)	EPA 524.2	PW
HAAs	EPA 552.2	PW

### Specialty Analyses

Alcohols	EPA SW-846 8015B	NPW/SCM
Glycols	EPA SW-846 8015B	NPW/SCM
Diesel Range Organics (DRO)	EPA SW-846 8015B	NPW/SCM
Nitroaromatics and Nitramines	EPA SW-846 8330	NPW/SCM
Formaldehyde, Acetaldehyde	EPA SW-846 8315	NPW/SCM
Acrylamide	EPASW-846 8316	NPW/SCM
Phthalates, Adipates	EPA 525.2	PW

**PDC Laboratories, Inc. – Peoria, IL Analytical Capabilities**  
**Methods: Inorganics**

Alkalinity	SM 2320B, 18Ed	PW
Chloride	USEPA 300.0	PW
Conductivity	SM 2510B, 18Ed	PW
Corrosivity (Langlier Index)	SM 2330B, 18Ed	PW
Cyanide	USEPA 335.4	PW
Fluoride	SM 4500F-C, 18Ed; USEPA 300.0	PW
Foaming Agent	SM 5540C, 18Ed	PW
Hardness	SM 2340C, 18Ed; USEPA200.7 (calc)	PW
Hydrogen Ion (pH)	SM 4500H-B, 18Ed; USEPA 150.1	PW
Nitrate	SM 4500NO3-F, 18Ed; USEPA 300.0; USEPA 353.2	PW
Nitrite	SM 4500NO3-F, 18Ed; USEPA 300.0; USEPA 353.2	PW
Odor	SM 2150B, 18Ed	PW
Orthophosphate	SM 4500P-E, 18Ed	PW
Sulfate	USEPA 300.0	PW
Total Dissolved Solids (TDS)	SM 2540C, 18Ed	PW
Total Organic Carbon (TOC)	SM 5310C, 19Ed	PW
Turbidity	USEPA 180.1	PW
UV254	SM 5910B, 19Ed	PW

Acidity	SM 2310B, 1997	NPW
Alkalinity	SM 2320B, 1997	NPW/SCM
Ammonia	USEPA 350.1	NPW
Biochemical Oxygen Demand (BOD)	SM 5210B, 2001	NPW
BOD, Carbonaceous (cBOD)	SM 5210B, 2001	NPW
Bromide	USEPA 300.0	NPW
Chemical Oxygen Demand (COD)	SM 5220D, 1997	NPW
Chloride	USEPA 300.0	NPW
Chlorine, Total Residual	SM 4500Cl-G, 2000	NPW
Chromium VI	SM 3500Cr-B, 2009	NPW
Color	SM 2120B, 2001	NPW
Conductance, Specific	SM 2510B, 1997	NPW
Cyanide, Available	SM 4500CN-G, 1999	NPW/SCM
Cyanide	USEPA 335.4	NPW/SCM
Fluoride	SM 4500F-C, , 1997; USEPA 300.0	NPW
Hardness	SM 2340C, 1997	NPW
Hydrogen Ion (pH)	SM 4500H-B, 2000	NPW
Nitrate	USEPA 300.0; USEPA 353.2	NPW
Nitrite	USEPA 300.0	NPW
Nitrate-nitrite (as N)	SM 4500NO3-F, 2000; USEPA 353.2 (NPW)	NPW/SCM

Oil and Grease	USEPA 1664A	NPW
Orthophosphate (as P)	SM 4500P-E, 1999; USEPA 300.0	NPW
Phenolics	USEPA 420.4	NPW/SCM
Residue (Total)	SM 2540B, 1997	NPW
Residue (TDS)	SM 2540C, 1997	NPW
Residue (TSS)	SM 2540D, 1997	NPW
Residue (Settleable)	SM 2540F, 1997	NPW/SCM
Sulfate	USEPA 300.0	NPW
Sulfite	SM 4500SO3-B, 2000	NPW
Surfactants	SM 5540C, 2000	NPW
Total Kjeldahl Nitrogen (TKN)	SM 4500NH3-H, 1997; USEPA 351.1	NPW
Total Organic Carbon (TOC)	SM 5310C, 2000	NPW/SCM
Turbidity	USEPA 180.1	NPW/SCM

Bromide	EPA SW-846 9056A	NPW/SCM
Chloride	EPA SW-846 9056A	NPW/SCM
Chromium VI	EPA SW-846 7196A	NPW/SCM
Cyanide	EPA SW-846 9012A	NPW/SCM
Extractable Organic Halides (EOX)	EPA SW-846 9023	SCM
Fluoride	EPA SW-846 9056A	NPW/SCM
Hydrogen Ion (pH)	EPA SW-846 9040C; 9045D	NPW/SCM
Nitrate	EPA SW-846 9056A	NPW/SCM
Nitrite	EPA SW-846 9056A	NPW/SCM
Oil and Grease Extractable	EPA SW-846 9071B	NPW/SCM
Paint Filter	EPA SW-846 9095A	NPW/SCM
Phenolics	EPA SW-846 9065; 9066	NPW/SCM
Phosphate	EPA SW-846 9056A	NPW/SCM
Sulfate	EPA SW-846 9056A	NPW/SCM
Total Organic Carbon (TOC)	EPA SW-846 9060A	NPW/SCM
Total Organic Halides (TOX)	EPA SW-846 9020B	NPW

**PDC Laboratories, Inc. – Peoria, IL Analytical Capabilities**  
**Methods: Trace Metals**

Aluminum, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Magnesium, Manganese, Nickel, Silica, Silver, Sodium, Zinc	USEPA 200.7	PW
Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Copper, Lead, Manganese, mercury, Molybdenum, Nickel, Selenium, Silver, Thallium, Zinc	USEPA 200.8	PW
Mercury	USEPA 245.1	PW

Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Molybdenum, Nickel, Potassium, Selenium, Silica, Silver, Sodium, Thallium, Tin, Titanium, Vanadium, Zinc	USEPA 200.7	NPW/SCM
Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Molybdenum, Nickel, Selenium, Silver, Thallium, Tin, Vanadium, Zinc	USEPA 200.8	NPW/SCM
Mercury	USEPA 245.1	NPW/SCM

Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Molybdenum, Nickel, Potassium, Selenium, Silica, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc	EPA SW-846 6010B	NPW/SCM
Boron, Calcium, Magnesium, Potassium, Sodium	EPA SW-846 6020A	NPW
Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Mercury, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc	EPA SW-846 6020A	NPW/SCM
Mercury	EPA SW-846 7470A	NPW
Mercury	EPA SW-846 7471B	NPW/SCM

### Specialty Preparations

Extraction Procedure Toxicity	EPA SW-846 1310B	NPW/SCM
TCLP (Organic and Inorganic)	EPA SW-846 1311	NPW/SCM
SPLP	EPA SW-846 1312	NPW/SCM
Multiple Extraction Procedure	EPA SW-846 1320	NPW/SCM