LABORATORY ACCREDITATION BUREAU

Certificate # L2340

Scope of Accreditation For EnviroSystems, Inc

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In recognition of a successful assessment to ISO/IEC 17025:2005 and the requirements of the DoD Environmental Laboratory Accreditation Program (LABPR 403 DoD ELAP) as detailed in the DoD Quality Systems Manual for Environmental Laboratories (DoD QSM V5) based on the TNI Standard - Environmental Laboratory Sector, Volume 1 – Management and Technical Requirements for Laboratories Performing Environmental Analysis, Sept 2009 (EL-V1-2009); accreditation is granted to **Envirosystems, Inc.** to perform the following tests:

Accreditation granted through: **November 28, 2018**

Testing - Environmental

Non-Potable Water		
Technology	**Method**	**Analyte**
ICP-MS	EPA 200.8	Aluminum
ICP-MS	EPA 200.8	Antimony
ICP-MS	EPA 200.8	Arsenic
ICP-MS	EPA 200.8	Barium
ICP-MS	EPA 200.8	Beryllium
ICP-MS	EPA 200.8	Boron
ICP-MS	EPA 200.8	Cadmium
ICP-MS	EPA 200.8	Calcium
ICP-MS	EPA 200.8	Chromium
ICP-MS	EPA 200.8	Cobalt
ICP-MS	EPA 200.8	Copper
ICP-MS	EPA 200.8	Iron
ICP-MS	EPA 200.8	Lead
ICP-MS	EPA 200.8	Magnesium
ICP-MS	EPA 200.8	Manganese
ICP-MS	EPA 200.8	Molybdenum
ICP-MS	EPA 200.8	Nickel
ICP-MS	EPA 200.8	Potassium
ICP-MS	EPA 200.8	Selenium

Non-Potable Water		
Technology	**Method**	**Analyte**
ICP-MS	EPA 200.8	Silver
ICP-MS	EPA 200.8	Sodium
ICP-MS	EPA 200.8	Thallium
ICP-MS	EPA 200.8	Vanadium
ICP-MS	EPA 200.8	Zinc
CVAF	EPA 245.7	Mercury
Colormetric	SM-3500 Cr D	Hexavalent Chromium
Colorimetric	SM-3500 Cr-B	Hexavalent Chromium
Colormetric	EPA 310.2	Alkalinity
Gravimetric	EPA 1664 A (HEM)	Oil and Grease
Gravimetric	EPA 1664 A (SGT-HEM)	Mineral Oil and Grease
Colormetric	SM-4500 NH3 G	Ammonia
Colormetric	SM-4500 NH3 G	Total Kjeldahl Nitrogen
Gravimetric	SM 2540 B	Residue, total (TS)
Gravimetric	SM 2540 C	Residue, filterable (TSS)
Gravimetric	SM 2540 D	Residue, non-filterable (TDS)
Titration	SM 4500 Cl C	Chloride
Ion Chromatography	EPA 300.0	Chloride
Distillation/Colormetric	SM 4500 CN E	Total Cyanide
Colormetric	SM 4500 NO3 F	Nitrate-Nitrite
Colormetric	SM 4500 P E	Orthophosphate as P
Digestion/Colormetric	SM 4500 P	Total Phosphorus
Empirical	SM 5210 B	Biological Oxygen Demand
Empirical	SM 5210 B	Carbonaceous Oxygen Demand
Titration	SM 5220 C	Chemical Oxygen Demand
Combustion/IR	SM 5310 C	Total Organic Carbon
Ion Chromatography	EPA 300.0	Sulfate
GC-ECD	EPA 8082A	Arochlor 1016
GC-ECD	EPA 8082A	Arochlor 1221
GC-ECD	EPA 8082A	Arochlor 1232
GC-ECD	EPA 8082A	Arochlor 1242
GC-ECD	EPA 8082A	Arochlor 1248
GC-ECD	EPA 8082A	Arochlor 1254
GC-ECD	EPA 8082A	Arochlor 1260
GC-Mass Spectrometer	EPA 680 modified (SIM)	PCB Congeners
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,4'-dichlorobiphenyl (PCB 8)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',5-trichlorobiphenyl (PCB 18)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,4,4'-trichlorobiphenyl (PCB 28)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,5'-tetrachlorobiphenyl (PCB 44)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',4,5'-tetrachlorobiphenyl (PCB 49)

Non-Potable Water		
Technology	**Method**	**Analyte**
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',5,5'-tetrachlorobiphenyl (PCB 52)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,3',4,4'-tetrachlorobiphenyl (PCB 66)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,4,5'-pentachlorobiphenyl (PCB 87)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',4,5,5'-pentachlorobiphenyl (PCB 101)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,3,3',4,4'-pentachlorobiphenyl (PCB 105)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,3',4,4',5-pentachlorobiphenyl (PCB 118)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,3',4,4'-hexachlorobiphenyl (PCB 128)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,3',4,4'-hexachlorobiphenyl (PCB 128)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,3',4,4',5-heptachlorobiphenyl (PCB 170)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,4,4',5,5'-heptachlorobiphenyl (PCB 180)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,4,4',5',6-heptachlorobiphenyl (PCB 183)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,4,4',6,6'-heptachlorobiphenyl (PCB 184)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,4',5,5',6-heptachlorobiphenyl (PCB 187)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,3',4,4',5,6-octachlorobiphenyl (PCB 195)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,3',4,4',5,5',6-nonachlorobiphenyl (PCB 206)
GC-Mass Spectrometer	EPA 680 modified (SIM)	Decachlorobiphenyl (PCB 209)
GC-Mass Spectrometer	EPA 680 modified (SIM)	Pentachlorophenol
GC-ECD	EPA 8081	Pesticides
GC-ECD	EPA 8081	Hexachlorobenzene
GC-ECD	EPA 8081	Alpha-BHC
GC-ECD	EPA 8081	Gamma-BHC (Lindane)
GC-ECD	EPA 8081	Beta-BHC
GC-ECD	EPA 8081	Delta-bhc
GC-ECD	EPA 8081	Heptachlor
GC-ECD	EPA 8081	Aldrin
GC-ECD	EPA 8081	Oxychlordane
GC-ECD	EPA 8081	Chlorpyrifos
GC-ECD	EPA 8081	Heptachlor Epoxide
GC-ECD	EPA 8081	Gamma-chlordane
GC-ECD	EPA 8081	Trans-nonachlor
GC-ECD	EPA 8081	Alpha-chlordane
GC-ECD	EPA 8081	Endosulfan I
GC-ECD	EPA 8081	4,4'-DDE
GC-ECD	EPA 8081	Dieldrin
GC-ECD	EPA 8081	Endrin
GC-ECD	EPA 8081	Cis-nonachlor
GC-ECD	EPA 8081	4,4'-DDD
GC-ECD	EPA 8081	Endosulfan II
GC-ECD	EPA 8081	Toxaphene

Non-Potable Water		
Technology	**Method**	**Analyte**
GC-ECD	EPA 8081	4,4'-DDT
GC-ECD	EPA 8081	Endrin Aldehyde
GC-ECD	EPA 8081	Endosulfan Sulfate
GC-ECD	EPA 8081	Methoxychlor
GC-ECD	EPA 8081	Endrin Ketone
Preparation	**Method**	**Type**
Acid Digestion	EPA 200.8	Acid Digestion
Liquid Extraction	EPA 3510C	Liquid-Liquid Extraction
Cleanup	EPA 3620C	Florisil Cleanup
Cleanup	EPA 3630C	Silica Gel Cleanup
Cleanup	EPA 3660B	Sulfur Cleanup
Cleanup	EPA 3665A	Sulfuric Acid/Permanganate Cleanup

Drinking Water		
Technology	**Method**	**Analyte**
ICP-MS	EPA 200.8	Aluminum
ICP-MS	EPA 200.8	Antimony
ICP-MS	EPA 200.8	Arsenic
ICP-MS	EPA 200.8	Barium
ICP-MS	EPA 200.8	Beryllium
ICP-MS	EPA 200.8	Boron
ICP-MS	EPA 200.8	Cadmium
ICP-MS	EPA 200.8	Chromium
ICP-MS	EPA 200.8	Cobalt
ICP-MS	EPA 200.8	Copper
ICP-MS	EPA 200.8	Iron
ICP-MS	EPA 200.8	Lead
ICP-MS	EPA 200.8	Manganese
ICP-MS	EPA 200.8	Molybdenum
ICP-MS	EPA 200.8	Nickel
ICP-MS	EPA 200.8	Selenium
ICP-MS	EPA 200.8	Silver
ICP-MS	EPA 200.8	Thallium
ICP-MS	EPA 200.8	Vanadium
ICP-MS	EPA 200.8	Zinc

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
ICP-MS	EPA 6020B	Aluminum
ICP-MS	EPA 6020B	Antimony
ICP-MS	EPA 6020B	Arsenic
ICP-MS	EPA 6020B	Barium
ICP-MS	EPA 6020B	Beryllium
ICP-MS	EPA 6020B	Boron
ICP-MS	EPA 6020B	Cadmium
ICP-MS	EPA 6020B	Calcium
ICP-MS	EPA 6020B	Chromium
ICP-MS	EPA 6020B	Cobalt
ICP-MS	EPA 6020B	Copper
ICP-MS	EPA 6020B	Iron
ICP-MS	EPA 6020B	Lead
ICP-MS	EPA 6020B	Magnesium
ICP-MS	EPA 6020B	Manganese
ICP-MS	EPA 6020B	Molybdenum
ICP-MS	EPA 6020B	Nickel
ICP-MS	EPA 6020B	Potassium
ICP-MS	EPA 6020B	Selenium
ICP-MS	EPA 6020B	Silver
ICP-MS	EPA 6020B	Sodium
ICP-MS	EPA 6020B	Thallium
ICP-MS	EPA 6020B	Vanadium
ICP-MS	EPA 6020B	Zinc
CVAF	EPA 245.7	Mercury
GC-ECD	EPA 8082A	Arochlor 1016
GC-ECD	EPA 8082A	Arochlor 1221
GC-ECD	EPA 8082A	Arochlor 1232
GC-ECD	EPA 8082A	Arochlor 1242
GC-ECD	EPA 8082A	Arochlor 1248
GC-ECD	EPA 8082A	Arochlor 1254
GC-ECD	EPA 8082A	Arochlor 1260
GC-Mass Spectrometer	EPA 680 modified (SIM)	PCB Congeners
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,4'-dichlorobiphenyl (PCB 8)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',5-trichlorobiphenyl (PCB 18)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,4,4'-trichlorobiphenyl (PCB 28)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,5'-tetrachlorobiphenyl (PCB 44)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',4,5'-tetrachlorobiphenyl (PCB 49)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',5,5'-tetrachlorobiphenyl (PCB 52)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,3',4,4'-tetrachlorobiphenyl (PCB 66)

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,4,5'-pentachlorobiphenyl (PCB 87)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',4,5,5'-pentachlorobiphenyl (PCB 101)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,3,3',4,4'-pentachlorobiphenyl (PCB 105)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,3',4,4',5-pentachlorobiphenyl (PCB 118)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,3',4,4'-hexachlorobiphenyl (PCB 128)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,3',4,4'-hexachlorobiphenyl (PCB 128)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,3',4,4',5-heptachlorobiphenyl (PCB 170)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,4,4',5,5'-heptachlorobiphenyl (PCB 180)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,4,4',5',6-heptachlorobiphenyl (PCB 183)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,4,4',6,6'-heptachlorobiphenyl (PCB 184)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,4',5,5',6-heptachlorobiphenyl (PCB 187)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,3',4,4',5,6-octachlorobiphenyl (PCB 195)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,3',4,4',5,5',6-nonachlorobiphenyl (PCB 206)
GC-Mass Spectrometer	EPA 680 modified (SIM)	Decachlorobiphenyl (PCB 209)
Combustion/IR	EPA 9060	Total Organic Carbon
GC-ECD	EPA 8081	Pesticides
GC-ECD	EPA 8081	Hexachlorobenzene
GC-ECD	EPA 8081	Alpha-BHC
GC-ECD	EPA 8081	Gamma-BHC (Lindane)
GC-ECD	EPA 8081	Beta-BHC
GC-ECD	EPA 8081	Delta-bhc
GC-ECD	EPA 8081	Heptachlor
GC-ECD	EPA 8081	Aldrin
GC-ECD	EPA 8081	Oxychlordane
GC-ECD	EPA 8081	Chlorpyrifos
GC-ECD	EPA 8081	Heptachlor Epoxide
GC-ECD	EPA 8081	Gamma-chlordane
GC-ECD	EPA 8081	Trans-nonachlor
GC-ECD	EPA 8081	Alpha-chlordane
GC-ECD	EPA 8081	Endosulfan I
GC-ECD	EPA 8081	4,4'-DDE
GC-ECD	EPA 8081	Dieldrin
GC-ECD	EPA 8081	Endrin
GC-ECD	EPA 8081	Cis-nonachlor
GC-ECD	EPA 8081	4,4'-DDD
GC-ECD	EPA 8081	Endosulfan II
GC-ECD	EPA 8081	Toxaphene
GC-ECD	EPA 8081	4,4'-DDT
GC-ECD	EPA 8081	Endrin Aldehyde

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC-ECD	EPA 8081	Endosulfan Sulfate
GC-ECD	EPA 8081	Methoxychlor
GC-ECD	EPA 8081	Endrin Ketone
GC-Mass Spectrometer	EPA 8270 (SIM)	Napthalene
GC-Mass Spectrometer	EPA 8270 (SIM)	Acenapthylene
GC-Mass Spectrometer	EPA 8270 (SIM)	Acenapthene
GC-Mass Spectrometer	EPA 8270 (SIM)	Fluorene
GC-Mass Spectrometer	EPA 8270 (SIM)	Phenanthrene
GC-Mass Spectrometer	EPA 8270 (SIM)	Anthracene
GC-Mass Spectrometer	EPA 8270 (SIM)	Fluoranthene
GC-Mass Spectrometer	EPA 8270 (SIM)	Pyrene
GC-Mass Spectrometer	EPA 8270 (SIM)	Benzo[a]anthracene
GC-Mass Spectrometer	EPA 8270 (SIM)	Chrysene
GC-Mass Spectrometer	EPA 8270 (SIM)	Benzo[b]fluoranthene
GC-Mass Spectrometer	EPA 8270 (SIM)	Benzo[k]fluoranthene
GC-Mass Spectrometer	EPA 8270 (SIM)	Benzo[a]pyrene
GC-Mass Spectrometer	EPA 8270 (SIM)	Indeno[1,2,3-cd]pyrene
GC-Mass Spectrometer	EPA 8270 (SIM)	Dibenz[a,h]anthracene
GC-Mass Spectrometer	EPA 8270 (SIM)	Benzo[g,h,i]perylene
Preparation	**Method**	**Type**
Acid Digestion	EPA 3050B	AcidDigestion
Tissue Extraction	EPA 3550C	Ultrasonic Extraction
Solid Extraction	EPA 3540	Soxhlet Extraction
Solid Extraction	EPA 3570 MOD	Microscale Solvent Extraction
Cleanup	EPA 3620C	Florisil Cleanup
Cleanup	EPA 3630C	Silica Gel Cleanup
Cleanup	EPA 3660B	Sulfur Cleanup
Cleanup	EPA 3665A	Sulfuric Acid/Permanganate Cleanup

Biological Tissue		
Technology	**Method**	**Analyte**
ICP-MS	EPA 6020B	Aluminum
ICP-MS	EPA 6020B	Antimony
ICP-MS	EPA 6020B	Arsenic
ICP-MS	EPA 6020B	Barium
ICP-MS	EPA 6020B	Beryllium
ICP-MS	EPA 6020B	Boron
ICP-MS	EPA 6020B	Cadmium
ICP-MS	EPA 6020B	Calcium

Biological Tissue		
Technology	**Method**	**Analyte**
ICP-MS	EPA 6020B	Chromium
ICP-MS	EPA 6020B	Cobalt
ICP-MS	EPA 6020B	Copper
ICP-MS	EPA 6020B	Iron
ICP-MS	EPA 6020B	Lead
ICP-MS	EPA 6020B	Magnesium
ICP-MS	EPA 6020B	Manganese
ICP-MS	EPA 6020B	Molybdenum
ICP-MS	EPA 6020B	Nickel
ICP-MS	EPA 6020B	Potassium
ICP-MS	EPA 6020B	Selenium
ICP-MS	EPA 6020B	Silver
ICP-MS	EPA 6020B	Sodium
ICP-MS	EPA 6020B	Thallium
ICP-MS	EPA 6020B	Vanadium
ICP-MS	EPA 6020B	Zinc
CVAF	EPA 245.7	Mercury
GC-ECD	EPA 8082A	Arochlor 1016
GC-ECD	EPA 8082A	Arochlor 1221
GC-ECD	EPA 8082A	Arochlor 1232
GC-ECD	EPA 8082A	Arochlor 1242
GC-ECD	EPA 8082A	Arochlor 1248
GC-ECD	EPA 8082A	Arochlor 1254
GC-ECD	EPA 8082A	Arochlor 1260
GC-ECD	EPA 8081	Pesticides
GC-ECD	EPA 8081	Hexachlorobenzene
GC-ECD	EPA 8081	Alpha-BHC
GC-ECD	EPA 8081	Gamma-BHC (Lindane)
GC-ECD	EPA 8081	Beta-BHC
GC-ECD	EPA 8081	Delta-bhc
GC-ECD	EPA 8081	Heptachlor
GC-ECD	EPA 8081	Aldrin
GC-ECD	EPA 8081	Oxychlordane
GC-ECD	EPA 8081	Chlorpyrifos
GC-ECD	EPA 8081	Heptachlor Epoxide
GC-ECD	EPA 8081	Gamma-chlordane
GC-ECD	EPA 8081	Trans-nonachlor
GC-ECD	EPA 8081	Alpha-chlordane
GC-ECD	EPA 8081	Endosulfan I
GC-ECD	EPA 8081	4,4'-DDE

Biological Tissue		
Technology	**Method**	**Analyte**
GC-ECD	EPA 8081	Dieldrin
GC-ECD	EPA 8081	Endrin
GC-ECD	EPA 8081	Cis-nonachlor
GC-ECD	EPA 8081	4,4'-DDD
GC-ECD	EPA 8081	Endosulfan II
GC-ECD	EPA 8081	Toxaphene
GC-ECD	EPA 8081	4,4'-DDT
GC-ECD	EPA 8081	Endrin Aldehyde
GC-ECD	EPA 8081	Endosulfan Sulfate
GC-ECD	EPA 8081	Methoxychlor
GC-ECD	EPA 8081	Endrin Ketone
GC-Mass Spectrometer	EPA 680 modified (SIM)	PCB Congeners
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,4'-dichlorobiphenyl (PCB 8)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',5-trichlorobiphenyl (PCB 18)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,4,4'-trichlorobiphenyl (PCB 28)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,5'-tetrachlorobiphenyl (PCB 44)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',4,5'-tetrachlorobiphenyl (PCB 49)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',5,5'-tetrachlorobiphenyl (PCB 52)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,3',4,4'-tetrachlorobiphenyl (PCB 66)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,4,5'-pentachlorobiphenyl (PCB 87)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',4,5,5'-pentachlorobiphenyl (PCB 101)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,3,3',4,4'-pentachlorobiphenyl (PCB 105)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,3',4,4',5-pentachlorobiphenyl (PCB 118)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,3',4,4'-hexachlorobiphenyl (PCB 128)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,3',4,4'-hexachlorobiphenyl (PCB 128)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,3',4,4',5-heptachlorobiphenyl (PCB 170)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,4,4',5,5'-heptachlorobiphenyl (PCB 180)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,4,4',5',6-heptachlorobiphenyl (PCB 183)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,4,4',6,6'-heptachlorobiphenyl (PCB 184)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,4',5,5',6-heptachlorobiphenyl (PCB 187)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,3',4,4',5,6-octachlorobiphenyl (PCB 195)
GC-Mass Spectrometer	EPA 680 modified (SIM)	2,2',3,3',4,4',5,5',6-nonachlorobiphenyl (PCB 206)
GC-Mass Spectrometer	EPA 680 modified (SIM)	Decachlorobiphenyl (PCB 209)
Preparation	**Method**	**Type**
Acid Digestion	EPA 3050B	Acid Digestion
Solid Extraction	EPA 3540 MOD	Soxhlet Extraction
Tissue Extraction	EPA 3550C	Ultrasonic Extraction
Tissue Extraction	EPA 3570 MOD	Microscale Solvent Extraction
Cleanup	EPA 3620C	Florisil Cleanup

Biological Tissue		
Technology	**Method**	**Analyte**
Cleanup	EPA 3630C	Silica Gel Cleanup
Cleanup	EPA 3660B	Sulfur Cleanup
Cleanup	EPA 3665A	Sulfuric Acid/Permanganate Cleanup

Toxicology- Whole Effluent Testing		
Technology	**Method**	**Analyte**
Bioassay	EPA-821-R-02-013, Method 1000	Fathead Minnow Larval Survival & Growth, Chronic Assay
Bioassay	EPA-821-R-02-013, Method 1002	Ceriodaphnia dubia Survival & Reproduction, Chronic Assay
Bioassay	EPA-821-R-02-014, Method 1007	Mysidopsis bahia Survival, Growth, & Fecundity, Chronic Assay
Bioassay	EPA-821-R-02-014, Method 1005	Sheepshead Minnow Larval Survival & Growth, Chronic Assay
Bioassay	EPA-821-R-02-014, Method 1008	Arbacia punctulata Sperm Immobilization, Chronic Assay
Bioassay	EPA-821-R-02-014, Method 1006	Menidia beryllina Larval Survival & Growth, Chronic Assay
Bioassay	EPA-821-R-02-012, Method 2000	Fathead Minnow, Acute Assay
Bioassay	EPA-821-R-02-012, Method 2002	Ceriodaphnia dubia, Acute Assay
Bioassay	EPA-821-R-02-012, Method 2021	Daphnia pulex, Acute Assay
Bioassay	EPA-821-R-02-012, Method 2007	Americamysis bahia, Acute Assay
Bioassay	EPA-821-R-02-012, Method 2006	Menidia beryllina, Acute Assay
Bioassay	EPA-821-R-02-012, Method 2004	Cyprinodon variegatus, Acute Assay

Toxicology – Sediment and Soil		
Technology	**Method**	**Analyte**
Bioassay	ASTM E 1706 EPA 600-R-99-064, Method 100.1	Fresh Water Amphipod 10-day Acute Exposure Assay (eg. Hyalella azteca)
Bioassay	ASTM E 1706 EPA 600-R-99-064, Method 100.2	Freshwater Midge Larvae10-day Acute Exposure Assay (eg. Chironomus dilutus)

Toxicology – Sediment and Soil		
Technology	**Method**	**Analyte**
Bioassay	EPA 600-R-99-064, Method 100.3	Lumbriculus variegatus 28-day Bioaccumulation Assay
Bioassay	EPA 600-R-99-064, Method 100.4	Fresh Water Amphipod 28/42-day Chronic Exposure Assay (eg. Hyalella azteca)
Bioassay	ASTM E 1706 EPA 600-R-99-064, Method 100.5	Freshwater Midge Larvae Life Cycle Chronic Exposure Assay with 20 day endpoint (eg. Chironomus dilutus)
Bioassay	ASTM E 1367 EPA 600/R-01/020	Estuarine/Marine Amphipod 10-day Chronic Exposure Assay (eg. Leptocheirus plumulosus)
Bioassay	EPA 600/R-01/020	Estuarine/Marine Amphipod 28-day Chronic Exposure Assay (eg. Leptocheirus plumulosus)
Bioassay	ASTM E 1563	Echinoderm Embryo Acute Exposure Assay (eg. Arbacia punctulata)
Bioassay	ASTM E 1611	Marine Polychaete Sediment Toxicity Test (Neanthes arenaceodentata)
Bioassay	ASTM E 1688	Benthic Invertebrate Bioaccumulation Evaluation (eg. Nereis virens, Macoma nasuta, Eisneia fetida, Lumbriculus variegatus, Leptocheirus plumulosus, Hyalella azteca)
Bioassay	EPA 823-B-98-004	Acute Exposure, 10-day, Marine Sediment Evaluation (eg. Leptocheirus plumulosus, Ampelisca abdita)
Bioassay	EPA 823-B-98-004	Acute Exposure Water Column, Suspended Particulate Phase, Invertebrate Assays
Bioassay	EPA 823-B-98-004	Benthic Invertebrate Bioaccumulation Evaluation (eg. Nereis virens, Macoma nasuta)
Bioassay	ASTM E 1963	Terestrial Plant Acute and Chronic Exposure Toxicity Testing (eg. Brassica rapa, Lolium perenne, Lactuca sativa, Trifolium pratense and Lemna minor.)
Bioassay	ASTM E 1676	Soil toxicity or bioaccumulation test with earthworms (eg. Eisenia fetida)

Notes:

1) This laboratory offers commercial testing service.

Approved by: _____ Date: March 28, 2017

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