



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

PACE ANALYTICAL SERVICES, LLC – MOBILE LAB SERVICES¹
 2525 Advance Rd.
 Madison, WI 53718
 Pat Letterer Phone: 608 221 8700

ENVIRONMENTAL

Valid To: March 31, 2018

Certificate Number: 3269.01

In recognition of the successful completion of the A2LA evaluation process, (including an assessment of the laboratory's compliance with ISO IEC 17025:2005, the 2009 TNI Standard, and the requirements of the DoD Environmental Laboratory Accreditation Program (DoD ELAP) as detailed in version 5.0 of the DoD Quality Systems Manual for Environmental Laboratories) accreditation is granted to this laboratory to perform recognized EPA methods using the following testing technologies and in the analyte categories identified below:

Testing Technologies

| Analyte / Parameter | ECCS SOP Number | Non-Potable Water | Solid Hazardous Waste (Soil) |
|-------------------------------|-----------------|---------------------|---|
| <u>Wet Chemistry</u> | | | |
| Residue-nonfilterable (TSS) | 012 | SM 2540 D, 20th ed. | ----- |
| Diesel range organics (DRO) | 023 | EPA 8015B | EPA 8015B |
| Ammonia as N | 002 | ----- | SM4500-NH ₃ D, 20 th ed. |
| Nitrate-Nitrite as N | 002 | ----- | SM4500 NO ₃ ⁻ G, 17 th ed. |
| pH | 035 | EPA 9040C | EPA 9045D |
| <u>Pesticides-PCBs</u> | | | |
| 2,4'-DDD | 003 | EPA 8081B | EPA 8081B |
| 2,4'-DDE | 003 | EPA 8081B | EPA 8081B |
| 2,4'-DDT | 003 | EPA 8081B | EPA 8081B |
| 4,4'-DDD | 003 | EPA 8081B | EPA 8081B |
| 4,4'-DDE | 003 | EPA 8081B | EPA 8081B |
| 4,4'-DDT | 003 | EPA 8081B | EPA 8081B |
| Aldrin | 003 | EPA 8081B | EPA 8081B |
| Chlordane (tech.) | 003 | EPA 8081B | EPA 8081B |
| Dieldrin | 003 | EPA 8081B | EPA 8081B |
| Endosulfan I | 003 | EPA 8081B | EPA 8081B |
| Endosulfan II | 003 | EPA 8081B | EPA 8081B |
| Endosulfan sulfate | 003 | EPA 8081B | EPA 8081B |
| Endrin | 003 | EPA 8081B | EPA 8081B |
| Endrin aldehyde | 003 | EPA 8081B | EPA 8081B |
| Endrin ketone | 003 | EPA 8081B | EPA 8081B |

| Analyte / Parameter | ECCS SOP Number | Non-Potable Water | Solid Hazardous Waste (Soil) |
|--|-----------------|-------------------|------------------------------|
| Heptachlor | 003 | EPA 8081B | EPA 8081B |
| Heptachlor epoxide | 003 | EPA 8081B | EPA 8081B |
| Hexachlorobenzene | 003 | EPA 8081B | EPA 8081B |
| Methoxychlor | 003 | EPA 8081B | EPA 8081B |
| Mirex | 003 | EPA 8081B | EPA 8081B |
| Pentachloronitrobenzene | 003 | EPA 8081B | EPA 8081B |
| Toxaphene (Chlorinated camphene) | 003 | EPA 8081B | EPA 8081B |
| alpha-BHC (alpha-Hexachlorocyclohexane) | 003 | EPA 8081B | EPA 8081B |
| alpha-Chlordane | 003 | EPA 8081B | EPA 8081B |
| beta-BHC (beta-Hexachlorocyclohexane) | 003 | EPA 8081B | EPA 8081B |
| cis-Nonachlor | 003 | EPA 8081B | EPA 8081B |
| delta-BHC | 003 | EPA 8081B | EPA 8081B |
| gamma-BHC (Lindane, gamma-Hexachlorocyclohexane) | 003 | EPA 8081B | EPA 8081B |
| gamma-Chlordane | 003 | EPA 8081B | EPA 8081B |
| trans-Nonachlor | 003 | EPA 8081B | EPA 8081B |
| Aroclor-1016 (PCB-1016) | 005 | EPA 8082A | EPA 8082A |
| Aroclor-1221 (PCB-1221) | 005 | EPA 8082A | EPA 8082A |
| Aroclor-1232 (PCB-1232) | 005 | EPA 8082A | EPA 8082A |
| Aroclor-1242 (PCB-1242) | 005 | EPA 8082A | EPA 8082A |
| Aroclor-1248 (PCB-1248) | 005 | EPA 8082A | EPA 8082A |
| Aroclor-1254 (PCB-1254) | 005 | EPA 8082A | EPA 8082A |
| Aroclor-1260 (PCB-1260) | 005 | EPA 8082A | EPA 8082A |
| Explosives | | | |
| 1,3,5-Trinitrobenzene (1,3,5-TNB) | 018 | EPA 8095 | EPA 8095 |
| 1,3-Dinitrobenzene (1,3-DNB) | 018 | EPA 8095 | EPA 8095 |
| 2,4,6-Trinitrotoluene (2,4,6-TNT) | 018 | EPA 8095 | EPA 8095 |
| 2,4-Dinitrotoluene (2,4-DNT) | 018 | EPA 8095 | EPA 8095 |
| 2,6-Dinitrotoluene (2,6-DNT) | 018 | EPA 8095 | EPA 8095 |
| 2-Amino-4,6-dinitrotoluene (2-am-dnt) | 018 | EPA 8095 | EPA 8095 |
| 2-Nitrotoluene | 018 | EPA 8095 | EPA 8095 |
| 3,4-Dinitrotoluene (3,4-DNT) | 018 | EPA 8095 | EPA 8095 |
| 3,5-Dinitroaniline | 018 | EPA 8095 | EPA 8095 |
| 3-Nitrotoluene | 018 | EPA 8095 | EPA 8095 |
| 4-Amino-2,6-dinitrotoluene (4-am-dnt) | 018 | EPA 8095 | EPA 8095 |
| 4-Nitrotoluene | 018 | EPA 8095 | EPA 8095 |
| Methyl-2,4,6-trinitrophenylnitramine (tetryl) | 018 | EPA 8095 | EPA 8095 |
| Nitrobenzene | 018 | EPA 8095 | EPA 8095 |
| Nitroglycerin | 018 | EPA 8095 | EPA 8095 |
| Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX) | 018 | EPA 8095 | ----- |
| Pentaerythritoltetranitrate (PETN) | 018 | EPA 8095 | EPA 8095 |

| Analyte / Parameter | ECCS SOP Number | Non-Potable Water | Solid Hazardous Waste (Soil) |
|---|-----------------|-------------------|------------------------------|
| RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine) | 018 | EPA 8095 | EPA 8095 |
| 1,3,5-Trinitrobenzene (1,3,5-TNB) | 032 | EPA 8270D | EPA 8270D |
| 1,3-Dinitrobenzene (1,3-DNB) | 032 | EPA 8270D | EPA 8270D |
| 2,4,6-Trinitrotoluene (2,4,6-TNT) | 032 | EPA 8270D | EPA 8270D |
| 2,3-Dinitrotoluene (2,3-DNT) | 032 | EPA 8270D | EPA 8270D |
| 2,4-Dinitrotoluene (2,4-DNT) | 032 | EPA 8270D | EPA 8270D |
| 2,5-Dinitrotoluene (2,5-DNT) | 032 | EPA 8270D | EPA 8270D |
| 2,6-Dinitrotoluene (2,6-DNT) | 032 | EPA 8270D | EPA 8270D |
| 2-Amino-4,6-dinitrotoluene (2-am-dnt) | 032 | EPA 8270D | EPA 8270D |
| 2-Nitrotoluene | 032 | EPA 8270D | EPA 8270D |
| 3,4-Dinitrotoluene (3,4-DNT) | 032 | EPA 8270D | EPA 8270D |
| 3,5-Dinitroaniline | 032 | EPA 8270D | EPA 8270D |
| 3,5-Dinitrotoluene (3,5-DNT) | 032 | EPA 8270D | EPA 8270D |
| 3-Nitrotoluene | 032 | EPA 8270D | EPA 8270D |
| 4-Amino-2,6-dinitrotoluene (4-am-dnt) | 032 | EPA 8270D | EPA 8270D |
| 4-Nitrotoluene | 032 | EPA 8270D | EPA 8270D |
| Nitrobenzene | 032 | EPA 8270D | EPA 8270D |
| Acid Herbicides | | | |
| 2,4,5-T | 014 | EPA 8151A | EPA 8151A |
| 2,4-D | 014 | EPA 8151A | EPA 8151A |
| 2,4-DB | 014 | EPA 8151A | EPA 8151A |
| 4-Nitrophenol | 014 | EPA 8151A | EPA 8151A |
| Acifluorfen | 014 | EPA 8151A | EPA 8151A |
| Bentazon | 014 | EPA 8151A | EPA 8151A |
| Bromoxynil octanate | 014 | EPA 8151A | EPA 8151A |
| Clopyralid | 014 | EPA 8151A | EPA 8151A |
| Dacthal (DCPA) | 014 | EPA 8151A | EPA 8151A |
| Dalapon | 014 | EPA 8151A | EPA 8151A |
| Dicamba | 014 | EPA 8151A | EPA 8151A |
| Dichlorprop | 014 | EPA 8151A | EPA 8151A |
| Diclofop Acid | 014 | EPA 8151A | EPA 8151A |
| Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP) | 014 | EPA 8151A | EPA 8151A |
| Garlon (Triclopyr) | 014 | EPA 8151A | EPA 8151A |
| MCPA | 014 | EPA 8151A | EPA 8151A |
| MCPB | 014 | EPA 8151A | EPA 8151A |
| MCPB | 014 | EPA 8151A | EPA 8151A |
| Pentachlorophenol | 014 | EPA 8151A | EPA 8151A |
| Picloram | 014 | EPA 8151A | EPA 8151A |
| Silvex (2,4,5-TP) | 014 | EPA 8151A | EPA 8151A |
| Volatiles | | | |
| 1,1,1,2-Tetrachloroethane | 004 | EPA 8260B | EPA 8260B |
| 1,1,1-Trichloroethane | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| 1,1,2,2-Tetrachloroethane | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |

| Analyte / Parameter | ECCS SOP Number | Non-Potable Water | Solid Hazardous Waste (Soil) |
|---|-----------------|---------------------|------------------------------|
| 1,1,2-Trichloro-trifluoroethane (Freon 113) | 004 | EPA 8260B | EPA 8260B |
| 1,1,2-Trichloroethane | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| 1,1-Dichloroethane | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| 1,1-Dichloroethene | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| 1,1-Dichloropropene | 004 | EPA 8260B | EPA 8260B |
| 1,2,3-Trichlorobenzene | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| 1,2,3-Trichloropropane | 004 | EPA 8260B | EPA 8260B |
| 1,2,4-Trichlorobenzene | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| 1,2,4-Trimethylbenzene | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| 1,2-Dibromo-3-chloropropane (DBCP) | 004 | EPA 8260B | EPA 8260B |
| 1,2-Dibromoethane (EDB, Ethylene dibromide) | 004 | EPA 8260B | EPA 8260B |
| 1,2-Dichlorobenzene | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| 1,2-Dichloroethane (Ethylene dichloride) | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| 1,2-Dichloropropane | 004 | EPA 8260B | EPA 8260B |
| 1,3,5-Trimethylbenzene | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| 1,3-Dichlorobenzene | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| 1,3-Dichloropropane | 004 | EPA 8260B | EPA 8260B |
| 1,3-Dichloropropene | 004 | EPA 8260B | EPA 8260B |
| 1,4-Dichlorobenzene | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| 1,4-Dioxane (1,4- Diethyleneoxide) | 004/021 | EPA 8260B/8260B SIM | EPA 8260B/8260B SIM |
| 2,2-Dichloropropane | 004 | EPA 8260B | EPA 8260B |
| 2-Butanone (Methyl ethyl ketone, MEK) | 004 | EPA 8260B | EPA 8260B |
| 2-Chlorotoluene | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| 2-Hexanone | 004 | EPA 8260B | EPA 8260B |
| 4-Chlorotoluene | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| p-Isopropyltoluene | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| 4-Methyl-2-pentanone (MIBK) | 004 | EPA 8260B | EPA 8260B |
| Acetone | 004 | EPA 8260B | EPA 8260B |
| Benzene | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| Bromobenzene | 004 | EPA 8260B | EPA 8260B |
| Bromochloromethane | 004 | EPA 8260B | EPA 8260B |
| Bromodichloromethane | 004 | EPA 8260B | EPA 8260B |
| Bromoform | 004 | EPA 8260B | EPA 8260B |
| Carbon disulfide | 004 | EPA 8260B | EPA 8260B |
| Carbon tetrachloride | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| Chlorobenzene | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| Dibromochloromethane | 004 | EPA 8260B | EPA 8260B |
| Chloroethane (Ethyl chloride) | 004 | EPA 8260B | EPA 8260B |
| Chloroform | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| Diisopropylether (DIPE) (Isopropyl ether) | 004 | EPA 8260B | EPA 8260B |
| Dibromomethane (Methylene bromide) | 004 | EPA 8260B | EPA 8260B |

| Analyte / Parameter | ECCS SOP Number | Non-Potable Water | Solid Hazardous Waste (Soil) |
|--|-----------------|-------------------|------------------------------|
| Dichlorodifluoromethane (Freon-12) | 004 | EPA 8260B | EPA 8260B |
| Ethylbenzene | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| Gasoline Range Organics | 004AD | EPA 8260B | EPA 8260B |
| Hexachlorobutadiene | 004 | EPA 8260B | EPA 8260B |
| Isopropylbenzene | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| Methyl bromide (Bromomethane) | 004 | EPA 8260B | EPA 8260B |
| Methyl chloride (Chloromethane) | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| Methyl t-butyl ether (MTBE) | 004 | EPA 8260B | EPA 8260B |
| Methylene chloride (Dichloromethane) | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| Naphthalene | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| Styrene | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| Tetrachloroethene (Perchloroethylene) | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| Tetrahydrofuran (THF) | 004 | EPA 8260B | EPA 8260B |
| Toluene | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| Trichloroethene (Trichloroethylene) | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| Trichlorofluoromethane (Fluorotrichloromethane, Freon 11) | 004 | EPA 8260B | EPA 8260B |
| Vinyl chloride | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| Xylene (total) | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| cis-1,2-Dichloroethene | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| cis-1,3-Dichloropropene | 004 | EPA 8260B | EPA 8260B |
| m,p-xylene | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| n-Butylbenzene | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| n-Hexane | 004 | EPA 8260B | EPA 8260B |
| n-Propylbenzene | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| o-Xylene | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| sec-Butylbenzene | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| tert-Butylbenzene | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| trans-1,2-Dichloroethene | 004/010 | EPA 8260B | EPA 8260B/8260B SIM |
| trans-1,3-Dichloropropene | 004 | EPA 8260B | EPA 8260B |
| Semi-Volatiles | | | |
| Acenaphthene | 013/037 | ----- | EPA 8270D |
| Acenaphthylene | 013/037 | ----- | EPA 8270D |
| Acetochlor | 006 | EPA 8270D | EPA 8270D |
| Acetophenone | 037 | ----- | EPA 8270D |
| Acifluorfen | 014 | EPA 8270D | EPA 8270D |
| Alachlor | 006 | EPA 8270D | EPA 8270D |
| Ametryn | 006 | EPA 8270D | EPA 8270D |
| Anthracene | 013/037 | ----- | EPA 8270D |
| Atrazine | 006/ 037 | EPA 8270D | EPA 8270D |
| Benfluralin (Benefin) | 006 | EPA 8270D | EPA 8270D |
| Bentazon | 014 | EPA 8270D | EPA 8270D |
| Benzaldehyde | 037 | ----- | EPA 8270D |
| Benzo(a)anthracene | 013/037 | ----- | EPA 8270D |
| Benzo(a)pyrene | 013/037 | ----- | EPA 8270D |
| Benzo(b)fluoranthene | 013/037 | ----- | EPA 8270D |

| Analyte / Parameter | ECCS SOP Number | Non-Potable Water | Solid Hazardous Waste (Soil) |
|---|-----------------|-------------------|------------------------------|
| Benzo(g,h,i)perylene | 013/037 | ----- | EPA 8270D |
| Benzo(k)fluoranthene | 013/037 | ----- | EPA 8270D |
| Biphenyl | 037 | ----- | EPA 8270D |
| bis(2-chloroethoxy)methane | 037 | ----- | EPA 8270D |
| bis(2-chloroethyl)ether | 037 | ----- | EPA 8270D |
| bis(2-chloroisopropyl)ether | 037 | ----- | EPA 8270D |
| bis(2-ethylhexyl)phthalate | 037 | ----- | EPA 8270D |
| Bromacil | 006 | EPA 8270D | EPA 8270D |
| Bromoxynil octanate | 014 | EPA 8270D | EPA 8270D |
| Butylbenzylphthalate | 037 | ----- | EPA 8270D |
| Butylate | 006 | EPA 8270D | EPA 8270D |
| Carbaryl (Sevin) | 006 | EPA 8270D | EPA 8270D |
| Carbazole | 037 | ----- | EPA 8270D |
| Carbofuran (Furaden) | 006 | EPA 8270D | EPA 8270D |
| Chlorothalonil (Daconil) | 006 | EPA 8270D | EPA 8270D |
| Chlorpyrifos | 006 | EPA 8270D | EPA 8270D |
| Chrysene | 013/037 | ----- | EPA 8270D |
| Clopyralid | 014 | EPA 8270D | EPA 8270D |
| Cyanazine | 006 | EPA 8270D | EPA 8270D |
| Dacthal (DCPA) | 014 | EPA 8270D | EPA 8270D |
| Dalapon | 014 | EPA 8270D | EPA 8270D |
| Desethyl atrazine | 006 | EPA 8270D | EPA 8270D |
| Deisopropyl atrazine | 006 | EPA 8270D | EPA 8270D |
| Diazinon | 006 | EPA 8270D | EPA 8270D |
| Dibenz(a,h)anthracene | 013/037 | ----- | EPA 8270D |
| Dibenzofuran | 037 | ----- | EPA 8270D |
| Dicamba | 014 | EPA 8270D | EPA 8270D |
| Dichlobenil (Casoron) | 006 | EPA 8270D | EPA 8270D |
| Dichlorprop | 014 | EPA 8270D | EPA 8270D |
| Dichlorvos (DDVP) | 006 | EPA 8270D | EPA 8270D |
| Diclofop Acid | 014 | EPA 8270D | EPA 8270D |
| Diethylphthalate | 037 | ----- | EPA 8270D |
| Dimethazone (Clomazone) | 006 | EPA 8270D | EPA 8270D |
| Dimethenamid | 006 | EPA 8270D | EPA 8270D |
| Dimethoate | 006 | EPA 8270D | EPA 8270D |
| Dimethylphthalate | 037 | ----- | EPA 8270D |
| Di-n-butylphthalate | 037 | ----- | EPA 8270D |
| Di-n-octylphthalate | 037 | ----- | EPA 8270D |
| Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP) | 014 | EPA 8270D | EPA 8270D |
| Diphenylamine | 037 | ----- | EPA 8270D |
| Disulfoton | 006 | EPA 8270D | EPA 8270D |
| e-Caprolactam | 037 | ----- | EPA 8270D |
| EPTC (Eptam, s-ethyl-dipropyl thio carbamate) | 006 | EPA 8270D | EPA 8270D |
| Ethalfuralin (Sonalan) | 006 | EPA 8270D | EPA 8270D |
| Ethion | 006 | EPA 8270D | EPA 8270D |

| Analyte / Parameter | ECCS SOP Number | Non-Potable Water | Solid Hazardous Waste (Soil) |
|--------------------------------------|-----------------|-------------------|------------------------------|
| Ethoprop | 006 | EPA 8270D | EPA 8270D |
| Fenuron | 006 | EPA 8270D | EPA 8270D |
| Fluoranthene | 013/037 | ----- | EPA 8270D |
| Fluorene | 013/037 | ----- | EPA 8270D |
| Fonophos (Fonofos) | 006 | EPA 8270D | EPA 8270D |
| Garlon (Triclopyr) | 014 | EPA 8270D | EPA 8270D |
| Hexachlorobenzene | 037 | ----- | EPA 8270D |
| Hexachlorobutadiene | 037 | ----- | EPA 8270D |
| Hexachlorocyclopentadiene | 037 | ----- | EPA 8270D |
| Hexachloroethane | 037 | ----- | EPA 8270D |
| Hexazinone | 006 | EPA 8270D | EPA 8270D |
| Indeno(1,2,3-cd)pyrene | 013/037 | ----- | EPA 8270D |
| Isofenphos | 006 | EPA 8270D | EPA 8270D |
| Isophorone | 037 | ----- | EPA 8270D |
| Linuron (Lorox) | 006 | EPA 8270D | EPA 8270D |
| MCPA | 014 | EPA 8270D | EPA 8270D |
| MCPB | 014 | EPA 8270D | EPA 8270D |
| MCPP | 014 | EPA 8270D | EPA 8270D |
| Malathion | 006 | EPA 8270D | EPA 8270D |
| Methyl parathion (Parathion, methyl) | 006 | EPA 8270D | EPA 8270D |
| Metolachlor | 006 | EPA 8270D | EPA 8270D |
| Metribuzin | 006 | EPA 8270D | EPA 8270D |
| Naphthalene | 013/037 | ----- | EPA 8270D |
| Napropamide | 006 | EPA 8270D | EPA 8270D |
| Nitrobenzene | 037 | ----- | EPA 8270D |
| Norflurazon | 006 | EPA 8270D | EPA 8270D |
| Parathion, ethyl | 006 | EPA 8270D | EPA 8270D |
| Pendimethalin (Penoxalin) | 006 | EPA 8270D | EPA 8270D |
| Pentachlorophenol | 014/037 | EPA 8270D | EPA 8270D |
| Phenanthrene | 013/037 | ----- | EPA 8270D |
| Phenol | 037 | ----- | EPA 8270D |
| Phorate | 006 | EPA 8270D | EPA 8270D |
| Phosmet (Imidan) | 006 | EPA 8270D | EPA 8270D |
| Picloram | 014 | EPA 8270D | EPA 8270D |
| Prodiamine | 006 | EPA 8270D | EPA 8270D |
| Profenofos | 006 | EPA 8270D | EPA 8270D |
| Promecarb | 006 | EPA 8270D | EPA 8270D |
| Prometon | 006 | EPA 8270D | EPA 8270D |
| Prometryn | 006 | EPA 8270D | EPA 8270D |
| Propachlor (Ramrod) | 006 | EPA 8270D | EPA 8270D |
| Propanil | 006 | EPA 8270D | EPA 8270D |
| Propazine | 006 | EPA 8270D | EPA 8270D |
| Propham | 006 | EPA 8270D | EPA 8270D |
| Propoxur (Baygon) | 006 | EPA 8270D | EPA 8270D |
| Pyrene | 013/037 | ----- | EPA 8270D |
| Siduron | 006 | EPA 8270D | EPA 8270D |
| Silvex (2,4,5-TP) | 014 | EPA 8270D | EPA 8270D |

| Analyte / Parameter | ECCS SOP Number | Non-Potable Water | Solid Hazardous Waste (Soil) |
|---------------------------------------|-----------------|-------------------|------------------------------|
| Simazine | 006 | EPA 8270D | EPA 8270D |
| Simetryn | 006 | EPA 8270D | EPA 8270D |
| Tebuthiuron | 006 | EPA 8270D | EPA 8270D |
| Terbacil | 006 | EPA 8270D | EPA 8270D |
| Terbufos | 006 | EPA 8270D | EPA 8270D |
| Terbuthylazine | 006 | EPA 8270D | EPA 8270D |
| Terbutryn (Igran) | 006 | EPA 8270D | EPA 8270D |
| Triallate | 006 | EPA 8270D | EPA 8270D |
| Trifluralin (Treflan) | 006 | EPA 8270D | EPA 8270D |
| 1,2,4,5-Tetrachlorobenzene | 037 | ----- | EPA 8270D |
| 2,3,4,6-Tetrachlorophenol | 037 | ----- | EPA 8270D |
| 2,4,6-Tribromophenol | 037 | ----- | EPA 8270D |
| 2,4,6-Trichlorophenol | 037 | ----- | EPA 8270D |
| 2,4,5-Trichlorophenol | 037 | ----- | EPA 8270D |
| 2,4,5-T | 014 | EPA 8270D | EPA 8270D |
| 2,4-D | 014 | EPA 8270D | EPA 8270D |
| 2,4-DB | 014 | EPA 8270D | EPA 8270D |
| 2,4-Dichlorophenol | 037 | ----- | EPA 8270D |
| 2,4-Dimethylphenol | 037 | ----- | EPA 8270D |
| 2,4-Dinitrophenol | 037 | ----- | EPA 8270D |
| 2,4-Dinitrotoluene | 037 | ----- | EPA 8270D |
| 2,6-Dinitrotoluene | 037 | ----- | EPA 8270D |
| 2-Chloronaphthalene | 037 | ----- | EPA 8270D |
| 2-Chlorophenol | 037 | ----- | EPA 8270D |
| 2-Methylnaphthalene | 013/037 | ----- | EPA 8270D |
| 2-Methylphenol | 037 | ----- | EPA 8270D |
| 2-Nitroaniline | 037 | ----- | EPA 8270D |
| 2-Nitrophenol | 037 | ----- | EPA 8270D |
| 3,3'-Dichlorobenzidine | 037 | ----- | EPA 8270D |
| 3-Methylphenol | 037 | ----- | EPA 8270D |
| 3-Nitroaniline | 037 | ----- | EPA 8270D |
| 4,6-Dinitro-2-methylphenol | 037 | ----- | EPA 8270D |
| 4-Bromophenyl phenyl ether | 037 | ----- | EPA 8270D |
| 4-Chloro-3-methylphenol | 037 | ----- | EPA 8270D |
| 4-Chloroaniline | 037 | ----- | EPA 8270D |
| 4-Chlorophenyl phenyl ether | 037 | ----- | EPA 8270D |
| 4-Methylphenol | 037 | ----- | EPA 8270D |
| 4-Nitroaniline | 037 | ----- | EPA 8270D |
| 4-Nitrophenol | 014/037 | ----- | EPA 8270D |
| Acid Herbicides and Carbamates | | | |
| 2,4,5-T | 001 | EPA 8321B | EPA 8321B |
| 2,4-D | 001 | EPA 8321B | EPA 8321B |
| 2,4-DB | 001 | EPA 8321B | EPA 8321B |
| 3,5-Dichlorobenzoic acid | 001 | EPA 8321B | EPA 8321B |
| 4-Nitrophenol | 001 | EPA 8321B | EPA 8321B |
| Acifluorfen | 001 | EPA 8321B | EPA 8321B |

| Analyte / Parameter | ECCS SOP Number | Non-Potable Water | Solid Hazardous Waste (Soil) |
|---|-----------------|-------------------|------------------------------|
| Bentazon | 001 | EPA 8321B | EPA 8321B |
| Bromacil | 019 | EPA 8321B | EPA 8321B |
| Bromoxynil octanate | 001 | EPA 8321B | EPA 8321B |
| Chlorpropham | 019 | EPA 8321B | EPA 8321B |
| Clopyralid | 001 | EPA 8321B | EPA 8321B |
| Dicamba | 001 | EPA 8321B | EPA 8321B |
| Dichlorprop | 001 | EPA 8321B | EPA 8321B |
| Diclofop Acid | 001 | EPA 8321B | EPA 8321B |
| Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP) | 001 | EPA 8321B | EPA 8321B |
| Diuron | 019 | EPA 8321B | EPA 8321B |
| Fenuron | 019 | EPA 8321B | EPA 8321B |
| Fluometuron | 019 | EPA 8321B | EPA 8321B |
| Garlon (Triclopyr) | 001 | EPA 8321B | EPA 8321B |
| Imazethapyr | 001 | EPA 8321B | EPA 8321B |
| Linuron (Lorox) | 019 | EPA 8321B | EPA 8321B |
| MCPA | 001 | EPA 8321B | EPA 8321B |
| MCPB | 001 | EPA 8321B | EPA 8321B |
| MCPP | 001 | EPA 8321B | EPA 8321B |
| Monuron | 019 | EPA 8321B | EPA 8321B |
| Neburon | 019 | EPA 8321B | EPA 8321B |
| Pentachlorophenol | 001 | EPA 8321B | EPA 8321B |
| Picloram | 001 | EPA 8321B | EPA 8321B |
| Propham | 019 | EPA 8321B | EPA 8321B |
| Siduron | 019 | EPA 8321B | EPA 8321B |
| Silvex (2,4,5-TP) | 001 | EPA 8321B | EPA 8321B |
| Tebuthiuron | 019 | EPA 8321B | EPA 8321B |
| PAHs | | | |
| Acenaphthene | 030 | EPA 8270D SIM | EPA 8270D SIM |
| Acenaphthylene | 030 | EPA 8270D SIM | EPA 8270D SIM |
| Anthracene | 030 | EPA 8270D SIM | EPA 8270D SIM |
| Benzo(a)anthracene | 030 | EPA 8270D SIM | EPA 8270D SIM |
| Benzo(a)pyrene | 030 | EPA 8270D SIM | EPA 8270D SIM |
| Benzo(b)fluoranthene | 030 | EPA 8270D SIM | EPA 8270D SIM |
| Benzo(e)pyrene | 030 | EPA 8270D SIM | EPA 8270D SIM |
| Benzo(g,h,i)perylene | 030 | EPA 8270D SIM | EPA 8270D SIM |
| Benzo(k)fluoranthene | 030 | EPA 8270D SIM | EPA 8270D SIM |
| Chrysene | 030 | EPA 8270D SIM | EPA 8270D SIM |
| Dibenz(a,h) anthracene | 030 | EPA 8270D SIM | EPA 8270D SIM |
| Fluoranthene | 030 | EPA 8270D SIM | EPA 8270D SIM |
| Fluorene | 030 | EPA 8270D SIM | EPA 8270D SIM |
| Indeno(1,2,3-cd) pyrene | 030 | EPA 8270D SIM | EPA 8270D SIM |
| Naphthalene | 030 | EPA 8270D SIM | EPA 8270D SIM |
| Perylene | 030 | EPA 8270D SIM | EPA 8270D SIM |
| Phenanthrene | 030 | EPA 8270D SIM | EPA 8270D SIM |
| Pyrene | 030 | EPA 8270D SIM | EPA 8270D SIM |

| Analyte / Parameter | ECCS SOP Number | Non-Potable Water | Solid Hazardous Waste (Soil) |
|---------------------|-----------------|-------------------|------------------------------|
| 1-Methylnaphthalene | 030 | EPA 8270D SIM | EPA 8270D SIM |
| 2-Methylnaphthalene | 030 | EPA 8270D SIM | EPA 8270D SIM |
| DRO | 013A | EPA 8270D | EPA 8270D |
| Metals | | | |
| Antimony | 007/011 | EPA 6020A | EPA 6020A/6200 |
| Arsenic | 007/011 | EPA 6020A | EPA 6020A/6200 |
| Barium | 007 | EPA 6020A | EPA 6020A/6200 |
| Beryllium | 007 | EPA 6020A | EPA 6020A |
| Cadmium | 007/011 | EPA 6020A | EPA 6020A/6200 |
| Chromium | 007/011 | EPA 6020A | EPA 6020A/6200 |
| Cobalt | 007/011 | EPA 6020A | EPA 6020A/6200 |
| Copper | 007/011 | EPA 6020A | EPA 6020A/6200 |
| Lead | 007/011 | EPA 6020A | EPA 6020A/6200 |
| Manganese | 007 | EPA 6020A | EPA 6020A/6200 |
| Mercury | 007/011 | EPA 6020A | EPA 6020A/6200 |
| Nickel | 007/011 | EPA 6020A | EPA 6020A/6200 |
| Selenium | 007/011 | EPA 6020A | EPA 6020A/6200 |
| Silver | 007/011 | EPA 6020A | EPA 6020A/6200 |
| Thallium | 007/011 | EPA 6020A | EPA 6020A/6200 |
| Vanadium | 007/011 | EPA 6020A | EPA 6020A/6200 |
| Zinc | 007/011 | EPA 6020A | EPA 6020A/6200 |

¹Testing perform both in fixed based lab and mobile laboratories.

Preparation Methods

| Analytical Method | Water Preparation Method | Soil Preparation Method |
|-------------------|------------------------------|---|
| EPA 8015B | EPA 3511/3510C/ 3580A | EPA 3570/3580A |
| EPA 8081A | EPA 3511/3510C/ 3580A/ 3665A | EPA 3570/3580A/3665A/1311/1312 |
| EPA 8082 | EPA 3511/3510C/ 3580A/ 3665A | EPA 3570/3580A/3665*/1311/1312 ASTM D6661-10 |
| EPA 8095 | EPA 3511/3510C/3580A | EPA 3570/3580A/1311/1312 |
| EPA 8260 | EPA 5030B/3535A | EPA 5035/3585 |
| EPA 8270D | EPA 3511/3570/3580A | EPA 3510C/1311/1312 |
| EPA 6020A | EPA 3050B | EPA 1311/1312/3050B |



Accredited Laboratory

A2LA has accredited

Pace Analytical Services, LLC – Mobile Lab Services

Madison, WI

for technical competence in the field of

Environmental Testing

In recognition of the successful completion of the A2LA evaluation process that includes an assessment of the laboratory's compliance with ISO/IEC 17025:2005, the 2009 TNI Environmental Testing Laboratory Standard, and the requirements of the Department of Defense Environmental Laboratory Accreditation Program (DoD ELAP) as detailed in version 5.0 of the DoD Quality System Manual for Environmental Laboratories (QSM), accreditation is granted to this laboratory to perform recognized EPA methods as defined on the associated A2LA Environmental Scope of Accreditation. This accreditation demonstrates technical competence for this defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).



Presented this 12th day of April 2016.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 3269.01
Valid to March 31, 2018
Revised March 22, 2017