Please complete and return to:

New York State Department of Health
Wadsworth Center - Environmental Laboratory Approval Program
PO Box 509 - Empire State Plaza
Albany, New York 12201-0509
Phone: 518-485-5570 Fax: 518-485-5568 e-mail: elap@health.state.ny.us

Complete if applicable

**Lab ID #** _____

# ENVIRONMENTAL ANALYSES/SOLID AND CHEMICAL MATERIALS

Laboratory Name: _____

Number _Street: _____

City, State, Zip: _____

If New York ELAP is your laboratory's NELAC primary accreditor, you must include the following for each analyte for which approval is requested: ____ Demonstration of Capability form, ____ Summary/supporting data, and ____ Standard Operating Procedure.

If New York ELAP is your lab's secondary accreditor, please submit: ____ A current copy of your NELAC certificate of approval from your primary accrediting body. An application that omits this information will be considered incomplete and returned to your laboratory.

To complete this form, please place an "A" in the line preceding each analyte name to indicate an addition to your scope of accreditation. If you wish to remove an analyte from your scope, place an "E" in the space preceding each analyte name. Also, please cite the method you wish to add or erase by using the "Method Description" and "ELAP Method Number" listed in Certification Manual Item 180.3. For example, cite Barium by FAAS as "EPA 7080A - 4061."

| | Method Description and ELAP Method No. |
|---|---|
| **Characteristic Testing** | |
| Ignitability | |
| ___ Corrosivity | |
| ___ Reactivity | |
| E.P. Toxicity | |
| ___ TCLP | |
| ___ Synthetic Precipitation Leaching Proc. | |
| **Metals I** | |
| ___ Barium, Total | |
| Cadmium, Total | |
| ___ Calcium, Total | |
| ___ Chromium, Total | |
| Copper, Total | |
| ___ Iron, Total | |
| ___ Lead, Total | |
| Nickel, Total | |
| ___ Magnesium, Total | |
| ___ Manganese, Total | |
| Potassium, Total | |
| ___ Silver, Total | |
| Sodium, Total | |
| ___ Strontium, Total | |

| | Method Description and ELAP Method No. |
|---|---|
| **Metals II** | |
| ___ Aluminum, Total | |
| ___ Antimony, Total | |
| ___ Arsenic, Total | |
| ___ Beryllium, Total | |
| ___ Chromium VI | |
| ___ Lithium, Total | |
| ___ Mercury, Total | |
| ___ Selenium, Total | |
| ___ Vanadium, Total | |
| ___ Zinc, Total | |
| **Metals III** | |
| ___ Cobalt, Total | |
| ___ Molybdenum, Total | |
| ___ Thallium, Total | |
| ___ Tin, Total | |
| ___ Titanium, Total | |
| ___ Silica, Dissolved | |
| **Acrylates** | |
| ___ Acrolein (Propenal) | |
| ___ Acrylonitrile | |
| ___ Ethyl methacrylate | |

| | Method Description and ELAP Method No. |
|---|---|
| ___ Methyl acrylonitrile | |
| ___ Methyl methacrylate | |
| **Chlorinated Hydrocarbons** | |
| ___ 1-Chloronaphthalene | |
| 2-Chloronaphthalene | |
| ___ Hexachlorobenzene | |
| ___ Hexachlorobutadiene | |
| Hexachlorocyclopentadiene | |
| ___ Hexachloroethane | |
| Hexachlorophene | |
| ___ Hexachloropropene | |
| ___ Pentachlorobenzene | |
| 1,2,4,5-Tetrachlorobenzene | |
| ___ 1,2,4-Trichlorobenzene | |
| **Haloethers** | |
| ___ Bis(2-chloroethyl)ether | |
| ___ Bis(2-chloroethoxy)methane | |
| Bis (2-chloroisopropyl) ether | |
| ___ 4-Bromophenylphenyl ether | |
| ___ 4-Chlorophenylphenyl ether | |
| Chloromethylmethyl ether | |
| **Nitroaromatics and Isophorone** | |
| 2-Amino-4,6-dinitrotoluene | |
| ___ 4-Amino-2,6-dinitrotoluene | |
| ___ 3-Chloromethyl pyridine-HCl | |
| 4-Dimethylaminoazobenzene | |
| ___ 2,4-Dinitrotoluene | |
| ___ 2,6-Dinitrotoluene | |
| 1,2-Dinitrobenzene | |
| ___ 1,3-Dinitrobenzene | |
| ___ 1,4-Dinitrobenzene | |
| Hexahydro-1,3,5-trinitro-1,3,5-triazine | |
| ___ Hydroquinone | |
| Isophorone | |
| ___ Methyl-2,4,6-trinitrophenylnitramine | |
| ___ 1,4-Naphthoquinone | |
| Nitroquinoline-1-oxide | |
| ___ 2-Nitrotoluene | |
| ___ 3-Nitrotoluene | |
| 4-Nitrotoluene | |
| ___ Nitrobenzene | |

| | Method Description and ELAP Method No. |
|---|---|
| ___ Octahydro-tetranitro-tetrazocine | |
| ___ Pyridine | |
| ___ 1,3,5-Trinitrobenzene | |
| ___ 2,4,6-Trinitrotoluene | |
| ___ 2,4,6-Trichloronitrobenzene | |
| **Phthalate Esters** | |
| ___ Benzyl butyl phthalate | |
| ___ Bis(2-ethylhexyl) phthalate | |
| ___ Diethyl phthalate | |
| ___ Dimethyl phthalate | |
| ___ Di-n-butyl phthalate | |
| ___ Di-n-octyl phthalate | |
| **Polychlorinated Biphenyls** | |
| ___ PCB-1016 | |
| ___ PCB-1221 | |
| ___ PCB-1232 | |
| ___ PCB-1242 | |
| ___ PCB-1248 | |
| ___ PCB-1254 | |
| ___ PCB-1260 | |
| ___ PCB-1262 | |
| ___ PCB-1268 | |
| ___ 2-Chlorobiphenyl | |
| ___ 2,2'-Dichlorobiphenyl | |
| ___ 2,2',3,4,5'-Pentachlorobiphenyl | |
| ___ 2,2',3,3',4,4'-Hexachlorobiphenyl | |
| ___ 2,2,',3,3,'4,4',5,6-Octachlorobiphenyl | |
| ___ 2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl | |
| ___ 2,2',3,3',4,4',5-Heptachlorobiphenyl | |
| ___ 2,2',3,4,4',5,5'-Heptachlorobiphenyl | |
| ___ 2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl | |
| ___ 2,2',3,4,4',6,6'-Heptachlorobiphenyl | |
| ___ 2,2',3,4',5,6,6'-Heptachlorobiphenyl | |
| ___ 2,2',3,4,5,5'-Hexachlorobiphenyl | |
| ___ 2,2',3,4,4',5'-Hexachlorobiphenyl | |
| ___ 2,2',3,4,4',5',6-Heptachlorobiphenyl | |
| ___ 2,2',3,4',5,5',6-Heptachlorobiphenyl | |
| ___ 2,2',3,5,5',6-Hexachlorobiphenyl | |
| ___ 2,2',4,5'-Tetrachlorobiphenyl | |
| ___ 2,2',4,5,5'-Pentachlorobiphenyl | |
| ___ 2,2',4,4',6,6'-Hexachlorobiphenyl | |
| ___ 2,2',4,6,6'-Pentachlorobiphenyl | |

| | Method Description and ELAP Method No. |
|---|---|
| ___ 2,2',3,3',5,5',6,6'-Octachlorobiphenyl | |
| ___ 2,2',3,5'-Tetrachlorobiphenyl | |
| 2,2',4,4',5,5'-Hexachlorobiphenyl | |
| ___ 2,2',5-Trichlorobiphenyl | |
| 2,2',5,5'-Tetrachlorobiphenyl | |
| ___ 2,2',6,6'-Tetrachlorobiphenyl | |
| ___ 2,2',6-Trichlorobiphenyl | |
| 2,3-Dichlorobiphenyl | |
| ___ 2,3,3',4,4'-Pentachlorobiphenyl | |
| ___ 2,3',4,4',5,5'-Hexachlorobiphenyl | |
| 2,3',4,4',5'-Pentachlorobiphenyl | |
| ___ 2,3',4,4',5-Pentachlorobiphenyl | |
| ___ 2,3,4,4',5-Pentachlorobiphenyl | |
| 2,3,3',4,4',5,5'-Heptachlorobiphenyl | |
| ___ 2,3,3',4,4',5,5',6-Octachlorobiphenyl | |
| ___ 2,3,3',4,4',5'-Hexachlorobiphenyl | |
| 2,3,3',4,4',5-Hexachlorobiphenyl | |
| ___ 2,3',4,4'-Tetrachlorobiphenyl | |
| 2,3,3',4,6-Pentachlorobiphenyl | |
| ___ 2,4'-Dichlorobiphenyl | |
| ___ 2,4,4'-Trichlorobiphenyl | |
| 2,4',5-Trichlorobiphenyl | |
| ___ 3,3',4,5,5'-Pentachlorobiphenyl | |
| ___ 3,3',4,4'-Tetrachlorobiphenyl | |
| 3,4,4',5-Tetrachlorobiphenyl | |
| ___ 3,3',4,4',5,5'-Hexachlorobiphenyl | |
| ___ 3,3',4,4',5-Pentachlorobiphenyl | |
| 3,4,4'-Trichlorobiphenyl | |
| ___ 4-Chlorobiphenyl | |
| ___ 4,4'-Dichlorobiphenyl | |
| Decachlorobiphenyl | |

**Polynuclear Aromatic Hydrocarbons**

| | |
|---|---|
| Acenaphthene | |
| ___ Anthracene | |
| ___ Acenaphthylene | |
| Benzo(a)anthracene | |
| ___ Benzo(a)pyrene | |
| Benzo(b)fluoranthene | |
| ___ Benzo(ghi)perylene | |
| ___ Benzo(k)fluoranthene | |
| Chrysene | |
| ___ Dibenzo(a,j)acridine | |
| ___ Dibenzo(a,h)acridine | |
| ___ Dibenzo(a,h)anthracene | |
| ___ Dibenzo(a,e)pyrene | |
| ___ 7,12-Dimethylbenzyl (a) anthracene | |
| ___ Fluoranthene | |
| ___ Fluorene | |
| ___ Indeno(1,2,3-cd)pyrene | |
| ___ 3-Methylcholanthrene | |
| ___ Naphthalene | |
| ___ Phenanthrene | |
| ___ Pyrene | |

**Low Level Polynuclear Aromatic Hydrocarbons**

| | |
|---|---|
| ___ Acenaphthylene | |
| ___ Acenaphthene | |
| ___ Anthracene | |
| ___ Benzo(a)anthracene | |
| ___ Benzo(b)fluoranthene | |
| ___ Benzo(k)fluoroanthene | |
| ___ Benzo(g,h,i)perylene | |
| ___ Benzo(a)pyrene | |
| ___ Chrysene | |
| ___ Dibenzo(a,h)anthracene | |
| ___ Fluoranthene | |
| ___ Fluorene | |
| ___ Indeno(1,2,3-cd)pyrene | |
| ___ Naphthalene | |
| ___ Phenanthrene | |
| ___ Pyrene | |

**Priority Pollutant Phenols**

| | |
|---|---|
| ___ 4-Chloro-3-methylphenol | |
| ___ 2-Chlorophenol | |
| ___ 2,4-Dichlorophenol | |
| ___ 2,6-Dichlorophenol | |
| ___ 2,4-Dimethylphenol | |
| ___ 2,4-Dinitrophenol | |
| ___ 2-Methylphenol | |
| ___ 3-Methylphenol | |
| ___ 4-Methylphenol | |
| ___ 2-Methyl-4,6-dinitrophenol | |
| ___ 2-Nitrophenol | |
| ___ 4-Nitrophenol | |
| ___ Pentachlorophenol | |
| ___ Phenol | |

| | Method Description and ELAP Method No. |
|---|---|
| ___ 2,3,4,6 Tetrachlorophenol | |
| ___ 2,4,6-Trichlorophenol | |
| 2,4,5-Trichlorophenol | |
| ___ Thiophenol | |

**Purgeable Aromatics**

| | |
|---|---|
| ___ Benzene | |
| ___ n-Butylbenzene | |
| sec-Butylbenzene | |
| ___ tert-Butylbenzene | |
| Bromobenzene | |
| ___ Chlorobenzene | |
| ___ 2-Chlorotoluene | |
| 4-Chlorotoluene | |
| ___ 1,2-Dichlorobenzene | |
| ___ 1,3-Dichlorobenzene | |
| 1,4-Dichlorobenzene | |
| ___ Ethyl benzene | |
| ___ Isopropylbenzene | |
| p-Isopropyltoluene (P-Cymene) | |
| ___ n-Propylbenzene | |
| ___ Toluene | |
| Total Xylenes | |
| ___ 1,2,4-Trimethylbenzene | |
| 1,3,5-Trimethylbenzene | |
| ___ Styrene | |

**Purgeable Halocarbons**

| | |
|---|---|
| Bromoacetone | |
| ___ Bromochloromethane | |
| Bromodichloromethane | |
| ___ Bromoform | |
| ___ Bromomethane | |
| Carbon tetrachloride | |
| ___ Chloroethane | |
| ___ 2-Chloro-1,3-butadiene (Chloroprene) | |
| 2-Chloroethylvinyl ether | |
| ___ Chloroform | |
| ___ Chloromethane | |
| cis-1,4-Dichloro-2-butene | |
| ___ trans-1,4-Dichloro-2-butene | |
| ___ 1,2-Dibromo-3-chloropropane | |
| 1,2-Dibromoethane | |
| ___ 1,3-Dichloro-2-propanol | |

| | Method Description and ELAP Method No. |
|---|---|
| ___ 3-Chloropropene (Allyl chloride) | |
| ___ cis-1,3-Dichloropropene | |
| ___ trans-1,3-Dichloropropene | |
| ___ Dibromochloromethane | |
| ___ Dibromomethane | |
| ___ Dichlorodifluoromethane | |
| ___ 1,1-Dichloroethane | |
| ___ 1,2-Dichloroethane | |
| ___ 1,1-Dichloroethene | |
| ___ cis-1,2-Dichloroethene | |
| ___ trans-1,2-Dichloroethene | |
| ___ 1,1-Dichloropropene | |
| ___ 1,2-Dichloropropane | |
| ___ 1,3-Dichloropropane | |
| ___ 2,2-Dichloropropane | |
| ___ Methylene chloride | |
| ___ 1,1,1,2-Tetrachloroethane | |
| ___ 1,1,2,2-Tetrachloroethane | |
| ___ Tetrachloroethene | |
| ___ 1,1,1-Trichloroethane | |
| ___ 1,1,2-Trichloroethane | |
| ___ Trichloroethene | |
| ___ Trichlorofluoromethane | |
| ___ 1,2,3-Trichloropropane | |
| ___ 1,1,2-Trifluoro-1,2,2-Trichloroethane | |
| ___ Vinyl chloride | |

**Chlorinated Hydrocarbon Pesticides**

| | |
|---|---|
| ___ Aldrin | |
| ___ Atrazine | |
| ___ alpha-BHC | |
| ___ beta-BHC | |
| ___ delta-BHC | |
| ___ Lindane | |
| ___ alpha-Chlordane | |
| ___ gamma-Chlordane | |
| ___ Chlordane Total | |
| ___ Chlorobenzilate | |
| ___ 2,4'-DDD (Mitotane) | |
| ___ 4,4'-DDD | |
| ___ 4,4'-DDE | |
| ___ 4,4'-DDT | |
| ___ Diallate | |
| ___ Dieldrin | |

| | Method Description and ELAP Method No. |
|---|---|
| ___ Endosulfan I | |
| ___ Endosulfan II | |
| Endosulfan sulfate | |
| ___ Endrin | |
| Endrin aldehyde | |
| ___ Endrin Ketone | |
| ___ Heptachlor | |
| Heptachlor epoxide | |
| ___ Methoxychlor | |
| ___ Toxaphene | |
| Kepone | |
| ___ Pentachloronitrobenzene | |
| ___ Trifluralin | |
| Simazine | |

**Chlorophenoxy Acid Pesticides**

| | |
|---|---|
| 2,4-DB | |
| ___ 2,4-D | |
| ___ 2,4,5-T | |
| 2,4,5-TP (Silvex) | |
| ___ Dicamba | |
| ___ Dichloroprop | |
| Dinoseb | |
| ___ Dalapon | |
| MCPA | |
| ___ MCPP | |

**Organophosphate Pesticides**

| | |
|---|---|
| Azinphos ethyl | |
| ___ Azinphos methyl | |
| Bolstar | |
| ___ Carbophenothion | |
| ___ Coumaphos | |
| Chlorpyriphos | |
| ___ Chlorpyriphos methyl | |
| ___ Chlorphenvinphos | |
| Crotoxyphos | |
| ___ Cyanizine | |
| ___ Demeton-O | |
| Demeton-S | |
| ___ Diazinon | |
| ___ Dichlorfenthion | |
| Dichlorvos | |
| ___ Dicrotophos | |

| | Method Description and ELAP Method No. |
|---|---|
| ___ Dimethoate | |
| ___ Dioxathion | |
| ___ Disulfoton | |
| ___ Ethion | |
| ___ Ethoprop | |
| ___ EPN | |
| ___ Famphur | |
| ___ Fenitrothion | |
| ___ Fensulfothion | |
| ___ Fenthion | |
| ___ Fonophos | |
| ___ Isophenphos | |
| ___ Malathion | |
| ___ Mevinphos | |
| ___ Monocrotophos | |
| ___ NALED | |
| ___ Parathion ethyl | |
| ___ Parathion methyl | |
| ___ Pendimethalin | |
| ___ Phorate | |
| ___ Phosphamidon | |
| ___ Prometon | |
| ___ Prometryn | |
| ___ Ronnel | |
| ___ Sulfotepp | |
| ___ TEPP | |
| ___ Terbufos | |
| ___ Thionazin | |
| ___ Tokuthion | |
| ___ Trichlorfon | |
| ___ Trichloronate | |

**Volatile Chlorinated Organics**

| | |
|---|---|
| ___ Benzyl chloride | |
| ___ Epichlorohydrin | |

**Miscellaneous**

| | |
|---|---|
| ___ Asbestos in Friable Material | |
| ___ Asbestos in Non-Friable Material-TEM | |
| ___ Asbestos in Non-Friable Material-PLM | |
| ___ Boron, Total | |
| ___ Cyanide, Total | |
| ___ Formaldehyde | |
| ___ Hydrogen Ion (pH) | |

| | Method Description and ELAP Method No. |
|---|---|
| ___ Lead in Paint | |
| ___ Lead in Dust Wipes | |
| Perchlorate | |
| ___ Phenols | |
| Specific Conductance | |
| ___ Sulfide (as S) | |
| ___ Extractable Organic Halides | |
| Total Organic Halides | |

**Critical Agents**

| | |
|---|---|
| B. Anthracis, Swabs and Swipes | |
| ___ B. Anthracis, Powders, Fluids, Bulk Mat. | |
| ___ Botulinum Neurotoxin | |
| Brucella | |
| ___ Burkholderia mallei | |
| ___ Burkholderia pseudomallei | |
| F. tularensis | |
| ___ Orthopox | |
| ___ Ricin Toxin | |
| Y. pestis | |

**Benzidines**

| | |
|---|---|
| Benzidine | |
| ___ 3,3'-Dichlorobenzidine | |
| ___ 3,3'-Dimethylbenzidine | |

**Purgeable Organics**

| | |
|---|---|
| ___ Acetone | |
| Acetonitrile | |
| ___ Carbon Disulfide | |
| ___ Cyclohexane | |
| 1,4-Dioxane | |
| ___ Ethyl Acetate | |
| ___ Ethylene Glycol | |
| Isobutyl alcohol | |
| ___ 2-Hexanone | |
| 2-Butanone (Methylethyl ketone) | |
| ___ Methyl acetate | |
| ___ Methyl tert-butyl ether | |
| 4-Methyl-2-Pentanone | |
| ___ Propionitrile | |
| ___ o-Toluidine | |
| tert-butyl alcohol | |
| ___ Vinyl acetate | |

| | Method Description and ELAP Method No. |
|---|---|

**Semi-Volatile Organics**

| | |
|---|---|
| ___ Acetophenone | |
| ___ 4-Amino biphenyl | |
| ___ Aramite | |
| ___ Benzoic Acid | |
| ___ Benzyl alcohol | |
| ___ Benzaldehyde | |
| ___ 1,1'-Biphenyl | |
| ___ Caprolactam | |
| ___ Dibenzofuran | |
| ___ Diethyl sulfate | |
| ___ Dihydrosafrole | |
| ___ Ethyl methanesulfonate | |
| ___ Isosafrole | |
| ___ Methyl cyclohexane | |
| ___ 2-Methylnaphthalene | |
| ___ Methyl methanesulfonate | |
| ___ Phenacetin | |
| ___ Piperonyl sulfoxide | |
| ___ Resorcinol | |
| ___ Safrole | |
| ___ Toluene Diisocyanate | |
| ___ O,O,O-Triethyl phosphorothioate | |

**Amines**

| | |
|---|---|
| ___ Aniline | |
| ___ o-Anisidine | |
| ___ Carbazole | |
| ___ 2-Chloroaniline | |
| ___ 4-Chloroaniline | |
| ___ 4-Chloro-1,2-phenylenediamine | |
| ___ 4-Chloro-1,3-phenylenediamine | |
| ___ 5-Chloro-2-methylaniline | |
| ___ Diphenylamine | |
| ___ 1-Naphthylamine | |
| ___ 2-Naphthylamine | |
| ___ 2-Nitroaniline | |
| ___ 3-Nitroaniline | |
| ___ 4-Nitroaniline | |
| ___ 5-Nitro-o-toluidine | |
| ___ Methapyrilene | |
| ___ 4,4'-Oxydianiline | |
| ___ 1,4-Phenylenediamine | |

| | Method Description and ELAP Method No. | Method Description and ELAP Method No. |
|---|---|---|
| ___ 1,2-Diphenylhydrazine | | |
| ___ Pronamide | | |
| **Carbamate Pesticides** | | |
| ___ Aldicarb Sulfoxide | | |
| Aldicarb | | |
| ___ Aldicarb Sulfone | | |
| ___ Carbofuran | | |
| **Nitrosoamines** | | |
| ___ N-Nitrosodiphenylamine | | |
| N-Nitrosodimethylamine | | |
| ___ N-Nitrosodiethylamine | | |
| ___ N-nitrosomethylethylamine | | |
| N-Nitrosodi-n-butylamine | | |
| ___ N-Nitrosodi-n-propylamine | | |
| N-nitrosomorpholine | | |
| ___ N-nitrosopiperidine | | |
| ___ N-Nitrosopyrrolidine | | |
| **Minerals** | | |
| ___ Bromide | | |
| Chloride | | |
| ___ Fluoride, Total | | |
| ___ Sulfate (as SO4) | | |
| **Nutrients** | | |
| ___ Nitrate (as N) | | |
| Nitrite (as N) | | |
| ___ Orthophosphate (as P) | | |
| **Petroleum Hydrocarbons** | | |
| Diesel Range Organics | | |
| ___ Gasoline Range Organics | | |
| Oil & Grease Total Recoverable (HEM) | | |
| ___ Total Petroleum Hydrocarbons | | |

Are any of the additions or erasures requested on this form associated with State and/or Federal contracts? ____ yes ____ no

I certify that the environmental laboratory analyses in the Solid and Chemical Materials category for which approval has been requested are done using methods approved by the Commissioner of Health and that the information in this application is true to the best of my knowledge.

| NAME OF LABORATORY DIRECTOR | SIGNATURE OF LABORATORY DIRECTOR | MO / DAY/ YEAR |
|---|---|---|