

| Pennsylvania State (Chapter 252) Accreditation | | | | | | | |
|--|----------------------------|---------------------|--|----------------|-------------------------------------|---|--|
| Fields of Proficiency Testing | | | | | | | |
| Drinking Water | | | | | | | |
| Effective March 1, 2009 | | | | | | | |
| Matrix | Analyte | | | Matrix | Analyte | | |
| | | | | | | | |
| | | Microbiology | | | | Minerals | |
| Drinking Water | Total Coliform | | | Drinking Water | Chloride | | |
| Drinking Water | Fecal Coliform/E.Coli | | | Drinking Water | Fluoride | | |
| Drinking Water | Heterotrophic Plate Count | | | Drinking Water | Nitrate as N | | |
| Drinking Water | E. coli enumeration | | | Drinking Water | Nitrite as N | | |
| Drinking Water | Total Coliform Enumeration | * | | Drinking Water | Nitrate + Nitrite as N | | |
| Drinking Water | Fecal Coliform Enumeration | * | | Drinking Water | Ortho-Phosphate | | |
| | | | | | | | |
| | | Trace Metals | | | | Inorganic Disinfection By-Products | |
| Drinking Water | Aluminum | | | Drinking Water | Bromate | | |
| Drinking Water | Antimony | | | Drinking Water | Bromide | | |
| Drinking Water | Arsenic | | | Drinking Water | Chlorate | | |
| Drinking Water | Barium | | | Drinking Water | Chlorite | | |
| Drinking Water | Beryllium | | | | | | |
| Drinking Water | Boron | | | | | Misc Analytes | |
| Drinking Water | Cadmium | | | Drinking Water | Alkalinity as CaCO ₃ /L | | |
| Drinking Water | Calcium | | | Drinking Water | Asbestos | | |
| Drinking Water | Chromium | | | Drinking Water | Ca Hardness as CaCO ₃ | | |
| Drinking Water | Copper | | | Drinking Water | Total Hardness as CaCO ₃ | | |
| Drinking Water | Iron | | | Drinking Water | Cyanide | | |
| Drinking Water | Lead | | | Drinking Water | pH | | |
| Drinking Water | Magnesium | | | Drinking Water | Residual Free Chlorine | | |
| Drinking Water | Manganese | | | Drinking Water | Total Residual Chlorine | | |
| Drinking Water | Mercury | | | Drinking Water | Sodium | | |
| Drinking Water | Molybdenum | | | Drinking Water | Specific Conductance | | |
| Drinking Water | Nickel | | | Drinking Water | Sulfate | | |
| Drinking Water | Potassium | | | Drinking Water | Total Filterable Residue | | |
| Drinking Water | Selenium | | | Drinking Water | Total Organic Carbon | | |
| Drinking Water | Silver | | | Drinking Water | Turbidity | | |
| Drinking Water | Thallium | | | | | | |
| Drinking Water | Uranium (Natural mass) | | | | | | |
| Drinking Water | Vanadium | | | | | | |
| Drinking Water | Zinc | | | | | | |

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| | | | | | | | |
| | | | | | | | |
| | | | | | | | Unregulated VOCs^{4,5} |
| | Regulated VOCs^{4,5} | | | Drinking Water | Bromobenzene | | |
| Drinking Water | Benzene | | | Drinking Water | Bromochloromethane | | |
| Drinking Water | Carbon Tetrachloride | | | Drinking Water | Bromomethane | | |
| Drinking Water | Chlorobenzene | | | Drinking Water | n-Butylbenzene | | |
| Drinking Water | 1,2-Dibromo-3-chloropropane (DBCP) | | | Drinking Water | Sec-Butylbenzene | | |
| Drinking Water | 1,2-Dichlorobenzene | | | Drinking Water | Tert-Butylbenzene | | |
| Drinking Water | 1,4-Dichlorobenzene | | | Drinking Water | Chloroethane | | |
| Drinking Water | 1,2-Dichloroethane | | | Drinking Water | Chloromethane | | |
| Drinking Water | 1,1-Dichloroethylene | | | Drinking Water | 2-Chlorotoluene | | |
| Drinking Water | Cis-1,2-Dichloroethylene | | | Drinking Water | 4-Chlorotoluene | | |
| Drinking Water | Trans-1,2-Dichloroethylene | | | Drinking Water | Dibromomethane | | |
| Drinking Water | Dichloromethane (Methylene Chloride) | | | Drinking Water | 1,3-Dichlorobenzene | | |
| Drinking Water | 1,2 Dichloropropane | | | Drinking Water | Dichlorodifluoromethane | | |
| Drinking Water | Ethylbenzene | | | Drinking Water | 1,1-Dichloroethane | | |
| Drinking Water | Ethylene Dibromide (EDB) | | | Drinking Water | 1,3-Dichloropropane | | |
| Drinking Water | Styrene | | | Drinking Water | 2,2-Dichloropropane | | |
| Drinking Water | Tetrachloroethylene | | | Drinking Water | 1,1-Dichloropropene | | |
| Drinking Water | Toluene | | | Drinking Water | Cis-1,3-Dichloropropene | | |
| Drinking Water | 1,1,1-Trichloroethane | | | Drinking Water | Trans-1,3-Dichloropropene | | |
| Drinking Water | 1,1,2-Trichloroethane | | | Drinking Water | Hexachlorobutadiene | | |
| Drinking Water | Trichloroethylene | | | Drinking Water | Isopropylbenzene | | |
| Drinking Water | 1,2,4-Trichlorobenzene | | | Drinking Water | 4-Isopropyltoluene | | |
| Drinking Water | Vinyl Chloride | | | Drinking Water | Methyl-tert-butylether (MTBE) | | |
| Drinking Water | Total Xylenes | | | Drinking Water | n-Propylbenzene | | |
| | | | | Drinking Water | 1,1,1,2-Tetrachloroethane | | |
| | | | | Drinking Water | 1,1,2,2-Tetrachloroethane | | |
| | | | | Drinking Water | 1,2,3-Trichlorobenzene | | |
| | | | | Drinking Water | Trichlorofluoromethane | | |
| | | | | Drinking Water | 1,2,3-Trichloropropane | | |
| | | | | Drinking Water | 1,2,4-Trimethylbenzene | | |
| | | | | Drinking Water | 1,3,5-Trimethylbenzene | | |

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| Matrix | Analyte | | | Matrix | Analyte | | |
| | | Pesticides⁵ | | | Organic Disinfection By-Products | | |
| Drinking Water | Alachlor | | | Drinking Water | Chloral Hydrate | | |
| Drinking Water | Aldrin | | | | | | |
| Drinking Water | Atrazine | | | | Haloacetic acids² | | |
| Drinking Water | Butachlor | | | Drinking Water | Bromochloroacetic Acid | | |
| Drinking Water | Chlordane (technical) | | | Drinking Water | Dibromoacetic Acid | | |
| Drinking Water | Dieldrin | | | Drinking Water | Dichloroacetic Acid | | |
| Drinking Water | Endrin | | | Drinking Water | Monobromoacetic Acid | | |
| Drinking Water | Heptachlor | | | Drinking Water | Monochloroacetic Acid | | |
| Drinking Water | Heptachlor Epoxide (beta) | | | Drinking Water | Trichloroacetic Acid | | |
| Drinking Water | Hexachlorobenzene | | | | | | |
| Drinking Water | Hexachlorocyclopentadiene | | | | Trihalomethanes² | | |
| Drinking Water | Lindane | | | Drinking Water | Bromodichloromethane | | |
| Drinking Water | Methoxychlor | | | Drinking Water | Bromoform | | |
| Drinking Water | Metolachlor | | | Drinking Water | Chlorodibromomethane | | |
| Drinking Water | Metribuzin | | | Drinking Water | Chloroform | | |
| Drinking Water | Propachlor | | | | | | |
| Drinking Water | Simazine | | | | | | |
| Drinking Water | Toxaphene (total) | | | | | | |
| Drinking Water | Trifluralin | | | | Adipate/Phthalate | | |
| | | | | Drinking Water | Di(2-Ethylhexyl) Adipate | | |
| | | Herbicides⁵ | | Drinking Water | Di(2-Ethylhexyl) Phthalate | | |
| Drinking Water | Acifluorfen | | | | | | |
| Drinking Water | 2,4-D | | | | | | |
| Drinking Water | 2,4-DB | | | | | | |
| Drinking Water | Dalapon | | | | | | |
| Drinking Water | Dicamba | | | | | | |
| Drinking Water | Dinoseb | | | | | | |
| Drinking Water | Diquat | | | | | | |
| Drinking Water | Endothall | | | | | | |
| Drinking Water | Glyphosate | | | | | | |
| Drinking Water | Pentachlorophenol | | | | | | |
| Drinking Water | Picloram | | | | | | |
| Drinking Water | 2,4,5-TP (Silvex) | | | | | | |
| Drinking Water | 2,4,5-T | | | | | | |

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| Matrix | Analyte | | Matrix | Analyte | |
| | PCBs in Water¹ | | | Radiochemistry³ | |
| Drinking Water | PCBs as decachlorobiphenyl | | Drinking Water/NPW | Gross Alpha | |
| Drinking Water | PCB Aroclor Identification | | Drinking Water/NPW | Gross Beta | |
| | | | Drinking Water/NPW | Barium 133 | |
| | PAH | | Drinking Water/NPW | Cesium 134 | |
| Drinking Water | Benzo(a)pyrene | | Drinking Water/NPW | Cesium 137 | |
| | | | Drinking Water/NPW | Cobalt 60 | |
| | Carbamates & Vydate | | Drinking Water/NPW | Iodine 131 | |
| Drinking Water | Aldicarb | | Drinking Water/NPW | Radium 226 | |
| Drinking Water | Aldicarb Sulfone | | Drinking Water/NPW | Radium 228 | |
| Drinking Water | Aldicarb Sulfoxide | | Drinking Water/NPW | Strontium 89 | |
| Drinking Water | Carbaryl | | Drinking Water/NPW | Strontium 90 | |
| Drinking Water | Carbofuran | | Drinking Water/NPW | Tritium | |
| Drinking Water | 3-Hydroxycarbofuran | | Drinking Water/NPW | Uranium (Natural) | |
| Drinking Water | Methomyl | | Drinking Water/NPW | Zinc 65 | |
| Drinking Water | Oxamyl (Vydate) | | | | |
| | Dioxin | | | | |
| Drinking Water | 2,3,7,8-Tetrachloro-dibenzodioxin | | | | |
| | | | | | |
| | | | | | |
| 1) One sample in every study, containing one or more Aroclors, selected at random from among the Aroclors listed (1016, 1221, 1232, 1242, 1248, 1254 or 1260) for the analysis of PCBs as decachlorobiphenyl. | | | | | |
| 2) Laboratories seeking or maintaining accreditation for Drinking Water, Total Trihalomethanes must meet PT requirements for all 4 Trihalomethane Fields of Proficiency Testing in the given study, by technology/method (Chloroform, Bromoform, Bromodichloromethane, Chlorodibromomethane). Laboratories seeking or maintaining accreditation for Drinking Water, Total Haloacetic Acids must meet PT requirements for 4 out of 5 regulated Haloacetic Acid Fields of Proficiency Testing in the given PT study, by technology/method (Monochloroacetic Acid, Monobromoacetic Acid, Dichloroacetic Acid, Dibromoacetic Acid, Trichloroacetic Acid). | | | | | |
| 3) The PT study samples available for the Radiochemistry group are acceptable for both the Drinking Water and Non-potable Water matrices. | | | | | |
| 4) Unless a fixed limit is specified, the acceptance limits for Regulated volatiles are $\pm 20\%$ at ≥ 10 ug/L or $\pm 40\%$ at < 10 ug/L and the acceptance criteria for Unregulated volatiles are $\pm 20\%$ at ≥ 15 ug/L or $\pm 40\%$ at < 15 ug/L. | | | | | |
| 5) For volatiles, pesticides and herbicide PT samples, providers must include a minimum number of analytes using the same criteria described in the most recent NELAC Standard. | | | | | |
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