



ENVIRONMENTAL CHEMIST (ORGANIC)

Only 30 minutes north of New York City, Westchester County is New York's Intellectual Capital®, with abundant culture, beautiful parks, nationally recognized Public Schools as well as world-renowned colleges, universities and research centers. Westchester County government provides a wide array of services and events that are every bit as diverse as the resident population we serve.

The Westchester County Department of Laboratories and Research has an immediate opening for a supporting role as an Environmental Chemist (Organic) in their Environmental Lab Division. The successful candidate would be responsible for conducting various environmental organic chemical and physical analysis of water, wastewater, soil and other environmental samples, and for planning and coordinating the work of subordinate laboratory personnel performing these examinations to insure that all tests adhere to established quality control standards of proficiency. The incumbent must maintain a satisfactory rating of performance for those procedures for which approval has been granted to the laboratory by the New York State Department of Health. Supervision would be exercised over subordinate laboratory personnel.

Scope of Work (for illustrative purposes; not necessarily exhaustive):

- Supervises and instructs subordinate professional and technical staff in the organic environmental chemistry analyses of water, wastewater, soil, and other environmental samples, including pesticides, herbicides, THM's, volatile and semi-volatile organics, gasoline, oil, and other toxic organic pollutant analyses;
- Performs and interprets organic environmental chemistry analyses of drinking water supplies, natural and treated waters, wastewaters and estuarine waters for pesticides, herbicides, P.C.B.'s, halogenated organics and other toxic and priority pollutants using approved methods incorporating high performance liquid chromatography and capillary gas chromatography utilizing electron capture, and flame ionization detectors. Extraction, separation and cleanup procedures are utilized to isolate target analytes and achieve detection sensitivity;
- Assists in researching, analyzing and evaluating the applicability of new procedures, techniques, equipment and instrumentation;
- Maintains quality control through the preparation and standardization of reagents and standards, and the generation of standard curves using reference and primary standards;
- Prepares reports of examination of findings for various federal, state and local government authorities as well as private concerns;
- Maintains assigned areas, instrumentation and equipment in a clean and safe manner and at operational readiness; troubleshoots and does repairs when necessary;
- Participates in the New York State Department of Health Proficiency testing programs in the assigned area of discipline;
- May be required to testify in court or before other administrative hearings regarding results of examinations;

Minimum Acceptable Training and Experience: A Bachelor's Degree* in Chemistry, Chemical Engineering or a Biological Science, which must have included twenty credits in chemistry, and four years of professional environmental organic chemistry laboratory experience**, or related chemistry experience with instrumentation or methodology used in an environmental organic chemistry laboratory, using a gas chromatograph-mass spectrometer system.

SUBSTITUTION: A Master's Degree* in Chemistry, Environmental Science, Environmental Engineering or related field may be substituted for one year of the above required environmental organic chemistry experience.

****NOTE:** Acceptable professional environmental organic chemistry experience includes performance of volatile and/or semi-volatile analyses on water, wastewater and soils, utilizing gas chromatography, GC-Mass spectrometry, and high-pressure liquid chromatography in accordance with EPA methods and New York State Environmental Laboratory Approval Program (ELAP) protocols.

Come join our team!

Besides a competitive salary, our compensation package includes comprehensive benefits, including medical, dental, vision, deferred compensation, paid leave and retirement plan.

Please submit resumes and cover letter with where you learned of the opening to jobs@westchestergov.com.

Important: Please indicate **Environmental Chemist (Organic)** in the subject line of your e-mail.

Westchester County is an equal opportunity employer.