



## Department of Environmental Protection Notice of Vacancy

Filling of this position is contingent upon further approval process

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**Title:** Research Scientist 3 - Chemistry

**Posting Number:** WRM-2023-32

**Open to:** General Public

**Workweek:** NL (35-hour) Workweek

**Salary:** (P25) \$69,579.06 — \$98,899.62

**Opening Date:** March 20, 2023

**Closing Date:** April 10, 2023

**Existing Vacancies:** One (1)

**Program/Location:** Department of Environmental Protection  
Water Resource Management  
Ewing, NJ

**Scope of Eligibility:** Open to applicants who meet the requirements below.

**Description:** Under the direction of a Research Scientist 1 or other supervisory official in a state department, institution, or agency, conducts or participates in research projects or functional programs in a specific professional field; does other related duties as required.

**Specific to the Position:** Performs extractions and analysis of environmental samples for the presence of pesticide residues using the laboratory's Gas Chromatograph (GC) and Liquid Chromatograph (LC) triple quad instruments. Maintains an active inventory of pesticide neat standards along with their Safety Data Sheet (SDS) which must be stored on site. Responsibilities also include conducting field monitoring of ground water, surface water, and NJ grown commodities (fruits & vegetables) for pesticide residue analysis. Responsible for purchasing reagents, chemicals, and laboratory supplies to maintain an uninterrupted laboratory operation. Participates in maintaining the pesticide use databases and surveys. Responsible for generating analytical reports for projects.

**Preferred Skill Set:** Possess a strong background in chemistry with an extensive knowledge of pesticides which includes their chemical composition and properties, safe handling, and their environmental exposure toxicities. Experience with laboratory preparation of difficult environmental matrices for the analysis for the analysis of a broad range of pesticide residues at extremely low levels. Experience preparing chemical reagents and standard solutions for routine laboratory analysis.

## Requirements

**Education:** Graduation from an accredited college or university with a Master of Science degree in Chemistry or other appropriate physical or environmental science discipline.

NOTE: All U.S. degrees and transcripts must be from an accredited college or university. All foreign degrees and transcripts must be evaluated for accreditation by a recognized evaluation service by the closing date of this posting. Failure to provide documentation may result in ineligibility.

**Experience:** Two (2) years of experience in chemical analysis or research.

NOTE: A Doctorate in a physical, chemical, or environmental science discipline may be substituted for the experience indicated above.

### OR

**Education:** Graduation from an accredited college or university with a Bachelor of Science degree in Chemistry or other appropriate physical or environmental science discipline.

NOTE: All U.S. degrees and transcripts must be from an accredited college or university. All foreign degrees and transcripts must be evaluated for accreditation by a recognized evaluation service by the closing date of this posting. Failure to provide documentation may result in ineligibility.

**Experience:** Two (2) years of experience in chemical analysis or research AND one (1) year of experience in the operation of the gas chromatography mass spectrometer, gas chromatograph, high performance liquid chromatograph, fourier transform mass spectrometer, inductively coupled plasma spectrometer, atomic absorption spectrometer, x-ray defractor, transmission electron microscope, or updated replacements thereof.

**License:** Appointee will be required to possess a driver's license valid in New Jersey only if the operation of a vehicle rather than employee mobility, is necessary to perform essential duties of the position.

**Residency:** All persons newly hired on or after September 1, 2011 have one year from the date of employment to establish, and then maintain principal residence in the State of New Jersey subject to the provisions of N.J.S.A. 52:14-7 (L.2011, Chapter 70), also known as the "New Jersey First Act".

**Authorization to Work:** Selected candidates must be authorized to work in the United States per the Department of Homeland Security, United States Citizenship, and Immigration Services regulations. **Note:** The State of New Jersey does not provide sponsorship for citizenship to the United States.

**Note:** All State employees who are vaccinated for COVID-19 are required to submit proof of vaccination. Instructions will be provided if a firm offer of employment results from this NOV.

**Veteran's Preference:** To qualify for New Jersey Veteran's Preference/status, you must establish Veteran's Preference through the Department of Military and Veterans' Affairs. Please submit proof of your Veteran's Preference along with your resume as indicated below. For more information, please visit <https://nj.gov/military/veterans/services/civil-service/preference/>

**Submit Letter of Interest, Resume, Unofficial Transcripts (if college degree is required), and the Personal Relationship Disclosure Statement by 4:00 p.m. on the closing date to:**

Talent Acquisition Team

Division of Human Resources

E-mail Address: [DEP-HR-WRM.resumes@dep.nj.gov](mailto:DEP-HR-WRM.resumes@dep.nj.gov)

Please include the title and posting # of this Notice of Vacancy in the subject line of your e-mail.

[Please tell us how you heard about this position.](#)

**SAME applicants:** If you are applying under the NJ SAME program, your supporting documents (Schedule A or B letter) must be submitted along with your resume by the closing date indicated above. For more information on the SAME program, please visit <https://nj.gov/csc/same/overview/index.shtml>, email [SAME@csc.nj.gov](mailto:SAME@csc.nj.gov), or call CSC at (833) 691-0404

**Posting Authorized By:**

Phiroza Stoneback, Manager  
Division of Human Resources

**The New Jersey Department of Environmental Protection is an Equal Opportunity Employer and is committed to inclusive hiring and a diverse workforce. We strongly encourage people from all backgrounds to apply. Accommodations under ADA will be provided upon request.**