

DELAWARE RIVER BASIN COMMISSION

AVAILABLE POSITION

<u>TITLE OF POSITION</u>	(Senior) Chemist/Toxicologist
<u>TYPE OF APPOINTMENT</u>	Full-Time Probationary
<u>DRBC GRADE</u>	E16 – E20
<u>SALARY RANGE</u>	\$54,100 – 103,900
<u>EDUCATIONAL REQUIREMENTS</u>	(see attached)
<u>EXPERIENCE REQUIREMENTS</u>	(see attached)

POSITION DESCRIPTION

(See attached)

Instructions to Applicants

Please submit a cover letter describing your interest and qualifications, and resume via email to: jobs@drbc.gov

Applicant must be authorized to work lawfully in the United States.

Deadline for filing applications: **4:00 p.m., Tuesday, July 26, 2022**

DELAWARE RIVER BASIN COMMISSION

CLASSIFICATION PLAN

JOB DESCRIPTION

DRBC GRADE E16 – E20

POSITION TITLE: (Senior) Chemist/Toxicologist

EMPLOYEE STATUS: Full-Time Probationary

BRANCH: Science and Water Quality Management

SUPERVISED BY: Manager, Water Quality Assessment

BRIEF DESCRIPTION

The Environmental Chemist/Toxicologist works within the Science and Water Quality Management Branch in overall surveillance and investigation of existing and potential sources of toxic pollutants; in the review and evaluation of data, and the development of the water quality criteria for toxic pollutants for the Basin; in the development of strategies for source control and reduction; and in the evaluation of acute and chronic toxicity data for ambient waters and wastewaters within the Delaware River Basin.

Specific Duties include:

- Design and execute monitoring programs for toxic pollutants in water, sediment, and fish tissue including the development and coordination of Quality Assurance Project Plans (QAPPs).
- Perform water quality sampling and monitoring.
- Manage resulting data including upload to WQX.
- Evaluate data and develop technical assessments and reports.
- Review and update water quality criteria for toxic pollutants based upon the evaluation of new information from the U.S. Environmental Protection Agency and state environmental protection agencies.
- Coordinate with state, federal and other Basin partners in the development of strategies for source control and reduction.
- Support DRBC colleagues and other Basin partners in the development and calibration of water quality and food chain models for toxic pollutants.
- Evaluate and maintain database of acute and chronic toxicity reports submitted for point source discharges to basin waters.

- Provide support to Project Review staff in evaluating permit limitations for toxic pollutants, including whole effluent toxicity based on Commission's Water Quality Regulations.
- Manage contracts and cooperative agreements for sampling and analytical services related to toxic pollutants.
- Serve as DRBC liaison and coordinator for the Toxics Advisory Committee (TAC). Work with committee chair and DRBC staff to schedule, develop agendas and report on meetings including any subcommittee and workgroup meetings.
- Communicate, coordinate, and interact with stakeholders (including the general public) on issues related to toxic pollutants.
- Seek opportunities for funding for investigation of toxic pollutants in Basin.
- Serve as lead person on managing the NJ Right to Know (RTK) survey compliance and lab waste coordination.
- Serve as lead technical person for NJDEP QA certification for chemical testing and analysis.

QUALIFICATIONS (Education, Experience, Skills)

Education:

- Graduation from an accredited college with bachelor's degree in Chemistry, Biology, Ecology, or Toxicology with an emphasis in the environmental toxicology and chemistry and/or water quality management of toxic pollutants.
- A Master's degree in a related field is strongly preferred.

Experience:

- Proven experience as a toxicologist in any relevant field. Experience in toxicity testing of ambient waters and wastewaters and experience dealing with chemical analysis preferred.
- Experience collecting and analyzing environmental data sets.

Preferred Skills:

- Strong statistical background in analysis and interpretation of environmental toxic pollutants data.
- Excellent oral and written communication skills.
- Ability to organize and prioritize work and meet deadlines.
- Boat operator experience and certification preferred.
- Ability to compile review and summarize scientific reports and articles.
- Proficiency in databases, spreadsheets, and programming in R and/or Python.
- Geographic Information Systems (GIS) proficiency is a plus.