STATE OF MICHIGAN
invites applications for the position of:

Toxicologist 9-P11

An Equal Opportunity Employer

JOB #: 7601-16-WRD-015

DEPARTMENT: Environmental Quality

BARGAINING UNIT: SCIENTIFIC AND ENGINEERING (SEIU)

SALARY:

Hourly
$20.32 - $33.79

OPENING DATE: 02/01/16

CLOSING DATE: 02/28/16 11:59 PM

JOB DESCRIPTION:
The primary purpose of this position is to provide toxicological support to the Department of Environmental Quality on issues dealing with the potential impacts of toxic substances on aquatic life. This position requires expertise in aquatic toxicology and methods used to conduct water/sediment toxicity tests and whole effluent toxicity tests. The person in this position will determine the concentrations of chemicals in surface waters protective of aquatic life, issue Rule 97 Certifications for water resource management projects, provide toxicological support to various groups within the Department of Environmental Quality, and assist with fieldwork conducted by the Surface Water Assessment Section. This position will also provide toxicological support on issues dealing with the impacts of toxic substances on human health and wildlife.

REQUIRED EDUCATION AND EXPERIENCE:

Education
Possession of a master's degree in toxicology.

Experience

Toxicologist 9
No specific type or amount is required.

Toxicologist 10
One year of professional experience in assessing and controlling the impact of toxic substances on human health and the environment equivalent to a Toxicologist 9.

Toxicologist P11
Two years of professional experience in assessing and controlling the impact of toxic substances on human health and the environment equivalent to a Toxicologist, including one year equivalent to a Toxicologist 10.
Alternate Education and Experience
Toxicologist 9 - P11
Possession of a master's degree in a physical, biological, or environmental science with 10 semester (15 term) credits in toxicology, 14 semester (20 term) credits in chemistry (including inorganic, organic and biochemistry), and 24 semester (35 term) credits in any combination of the following: physiology, histology, pathology, statistics, environmental science, microbiology, physical or environmental chemistry (in addition to the above indicated 14 semester credits); anatomy, pharmacology, epidemiology, industrial hygiene, toxicology (in addition to the above indicated 10 semester credits); or, vertebrate biology or zoology may be substituted for the education requirement.

ADDITIONAL REQUIREMENTS AND INFORMATION:
For a copy of the position description, click HERE.

Information provided in your application, resume, cover letter, transcripts, and any other documentation provided will be used to verify responses to the supplemental questions. Unsupported responses may not be considered further.

If applicable, you must attach an electronic and/or scanned copy of your official college/university transcripts. For our purposes, "Official Transcripts" must contain the college/university name and address, the degree conferred and date granted, coursework completed (especially if no degree granted), and the Registrar's signature and/or seal.

Your application for any position does not guarantee that you will be contacted by the Department/Agency for further consideration. Only those applicants interviewed will be notified of the results.

Environmental Quality
525 West Allegan Street
Lansing, Michigan 48909
Toxicologist 9-P11 Supplemental Questionnaire

* 1. TOXGST – Do you possess one of the following? A master's degree or higher in toxicology. If so, please attach a copy of your official college transcripts. OR A master's degree or higher in a physical, biological, or environmental science with 10 semester (15 term) credits in toxicology, 14 semester (20 term) credits in chemistry (including inorganic, organic and biochemistry), AND 24 semester (35 term) credits in any combination of the following: physiology, histology, pathology, statistics, environmental science, microbiology, physical or environmental chemistry (in addition to the above indicated 14 semester credits); anatomy, pharmacology, epidemiology, industrial hygiene, toxicology (in addition to the above indicated 10 semester credits); or, vertebrate biology or zoology. If so, please attach a copy of your official college transcripts.

☐ Yes
☐ No

* 2. Please check the following coursework that you have completed:

☐ Aquatic Toxicology
☐ Limnology
☐ Aquatic Entomology
☐ Ichthyology
☐ Stream Ecology
☐ None of the above

* 3. Please select the statement that best describes your level of education

☐ I have a master's degree
☐ I have a PhD.
☐ None of the above statements apply

* 4. Please check all computer software you have experience using:

☐ Microsoft Office Suite (Word, Excel, and PowerPoint)
☐ Access
☐ Statistical Software (e.g., R, SAS, SYSTAT)
☐ None of the above

* 5. Please check all of the following that you have experience with:

☐ Whole effluent toxicity testing
☐ Water effect ratios
☐ Biotic Ligand Model
☐ Chemical-specific aquatic toxicity testing
☐ Cancer risk modeling
☐ None of the above

* 6. Please select the statement that best describes your knowledge of acute and chronic aquatic toxicity tests, standardized aquatic toxicity testing protocols, and aquatic organisms used in standardized aquatic toxicity testing.

☐ I have extensive knowledge of the above.
☐ I have a moderate amount of knowledge of the above.
☐ I have little knowledge of the above.
☐ None of the above statements apply.

* 7. Please select the statement that best describes your experience in risk assessment and in dealing with toxicological issues related to environmental regulatory programs.
☐ I have extensive knowledge of the above.
☐ I have a moderate amount of knowledge of the above.
☐ I have little knowledge of the above.
☐ None of the above statements apply.

* 8. Please select the statement that best describes your knowledge and/or experience in data analysis, interpretation, and technical writing regarding the field of aquatic toxicology.
☐ I have extensive knowledge of the above.
☐ I have a moderate amount of knowledge of the above.
☐ I have little knowledge of the above.
☐ None of the above statements apply.

* 9. QOL-Will you now or in the future require visa sponsorship for employment with the State of Michigan?
☐ Yes
☐ No

* 10. Do you possess a valid driver's license?
☐ Yes  ☐ No

* 11. VETMIL - Did you serve in the military? If yes, please attach a copy of your separation/discharge papers. It is suggested that you do not include the following types of information in your uploaded documents: Social Security Number (SSN) or other personal or sensitive information you do not wish be made visible to recruiters. If you answered YES to the above question, please make sure you provide a detailed description of your military experience when completing the Work Experience portion of your application, including rank and specific job duties that would be considered relevant to the position to which you are applying.
☐ Yes
☐ No

* 12. QOL-How did you hear about this job?
☐ Department Employee or co-worker
☐ Family or Friend
☐ College Career Fair
☐ State of Michigan Career Fair
☐ Summer Youth Employment Participant
☐ Civil Service Vacancy Site
☐ Department Website
☐ Other

* Required Question