



**EXAMINATION OPEN TO THE PUBLIC**  
**SANITARY ENGINEER 3 (PUBLIC HEALTH)**

ANNUAL \$65,993  
SALARY: \$90,521 \*

SALARY  
GROUP: ES 26

APPLICATION CLOSING  
DATE: JULY 16, 2014

EXAM  
NO: 141050OCMC

**SPECIAL APPLICATION AND EXAMINATION INSTRUCTIONS APPEAR BELOW.**

**PURPOSE OF CLASS:** In the Department of Public Health this class is accountable for acting as a working lead and/or for performing the most complex engineering tasks in the maintenance of standards of sanitation in the design, construction and operation of facilities for water supply, water treatment and distribution, or solid and hazardous waste treatment and disposal, or in problems connected with abatement of pollution of public waterways and groundwater by sewage and industrial waste.

**MINIMUM QUALIFICATIONS REQUIRED**

IN ORDER TO BE CONSIDERED FOR ADMITTANCE INTO THIS EXAMINATION, YOU MUST INDICATE ON YOUR APPLICATION THAT YOU HAVE THE FOLLOWING EXPERIENCE AND TRAINING BY **JULY 16, 2014**.

**GENERAL EXPERIENCE:** Seven years of experience in sanitary engineering involving groundwater, the design, construction or operation of water, sewage, industrial, solid or hazardous waste treatment plants and equipment, the inspection and regulation of water supplies, or the investigation of sanitation and waterway pollution problems.

**SUBSTITUTIONS ALLOWED:** (1) College training in civil or chemical engineering with courses in sanitary engineering, soils engineering or waste management may be substituted for the General Experience on the basis of fifteen semester hours equalling one-half year of experience to a maximum of four years for a Bachelor's degree. (2) A Master's degree in sanitary, civil, or chemical engineering may be substituted for one additional year of the General Experience.

**SPECIAL REQUIREMENT:** Incumbents in this class may be required to travel.

**WORKING CONDITIONS:** Incumbents in this class may be exposed to some danger of injury or physical harm from on-site/in the field environments and a moderate degree of discomfort from exposure to year-round weather conditions.

**KNOWLEDGE, SKILLS AND ABILITIES:** Considerable knowledge of principles and practices of sanitary engineering with reference to water supply, sewage and refuse disposal; considerable knowledge of methods and practices of sewage and industrial waste treatment, pollution abatement, and water purification; considerable interpersonal skills; oral and written communication skills; considerable ability to conduct detailed sanitary engineering investigations and studies; ability to prepare, review, and evaluate plans and sketches of water, and waste treatment facilities; ability to conduct and interpret chemical, bacteriological, and microscopic analyses of water and wastes; some lead ability.

THE EXAMINATION WILL BE COMPOSED OF:

**PART**  
**EXPERIENCE AND TRAINING**

**WEIGHT**  
**100%**

**APPLICATION/EXAMINATION INSTRUCTIONS:** In order to be considered for admittance into this examination, you must complete all parts of the examination application (CT-HR-12) detailing how you meet the minimum experience and training requirements stated above. Make certain your application form clearly details your employment history, including job titles, dates of employment and actual job duties as well as college degrees earned and current licenses and certifications. **THIS MATERIAL WILL CONSTITUTE THE EXAMINATION FOR THIS CLASS. Your examination will only be scored if you meet the minimum experience and training requirements outlined above and your completed application form is date stamped by DAS/Human Resources or postmarked by July 16, 2014.** Mail your application to DAS/Human Resources, Room 404, State Office Building, 165 Capitol Avenue, Hartford, Connecticut 06106-1658 (**Secure Fax #860-622-2875**). **If faxing materials, keep a copy of your completed application form and the fax transmittal receipt for your records. Make certain that your application form is complete and transmitted correctly and without error. Incomplete faxes or faxes received blank because pages were faxed upside down will not be accepted. Due to the large number of applications received, we cannot confirm receipt of applications. Examination scores will be mailed by September 3, 2014. A separate application form must be submitted for each exam you are applying for.**

**FORMS:** Application forms (CT-HR-12) and exam announcements are available from the Department of Administrative Services (<http://das.ct.gov/employment>) or at the Offices of the Connecticut State Job Centers.

\*Salary effective 7/1/14

June 26, 2014

7047

**AN AFFIRMATIVE ACTION/EQUAL OPPORTUNITY EMPLOYER**

The State of Connecticut is an equal opportunity/affirmative action employer and strongly encourages the applications of women, minorities, persons with disabilities and military veterans.