

DEPARTMENT OF PUBLIC HEALTH  
POSTING OF VACANCY

**Sanitary Engineer 1 (Public Health) (May wish to fill as Engineer Intern)**  
Regulatory Services Branch- Drinking Water Section

POSTING DATE: January 6, 2012

EXTENDED CLOSING DATE: January 20, 2012\*

**PLEASE FOLLOW THE SPECIFIC APPLICATION INSTRUCTIONS AT THE BOTTOM OF THIS PAGE!**

OPEN TO: The Public

POSITION CONTROL NUMBER: 099905SC NOTE: THIS NUMBER MUST BE INCLUDED ON YOUR APPLICATION

LOCATION: 450 Capitol Avenue, Hartford, CT

SHIFT/HOURS: 1<sup>st</sup> Shift/35 hours/week

SALARY GROUP/RANGE: San Eng. 1 ES19/\$45,445-\$64,534; Eng. Int – ES 18, Step 5/\$49,181

**San Eng 1 NOTE:** Candidates must have applied for and passed the Sanitary Engineer 1 (Public Health) exam and be on the current certification list promulgated by the Department of Administrative Services. State employees currently holding the above title or those who have previously attained permanent status in the class may apply for lateral transfer. Applicants will not have the opportunity to take the exam prior to the above closing date to qualify for this particular vacancy.

**Eng. Intern Note:** CANDIDATES APPLYING FOR THIS POSITION MUST MEET THE MINIMUM QUALIFICATIONS REQUIRED OR BE ELIGIBLE FOR LATERAL TRANSFER.

**Preferred Skills:**

In order of priority:

1. *At a minimum, a bachelor's degree in civil, environmental, sanitary or chemical engineering;*
2. *Knowledge of federal and state contract procurement requirements, federal and state construction wage rate laws, environmental review requirements and other administrative requirements for state and federally funded professional service, engineering and construction contracts;*
3. *Engineering or operational experience in drinking water treatment, distribution systems, water quality and source water protection;*
4. *Field experience in providing engineering oversight for drinking water and/or wastewater construction projects at the project site;*
5. *Knowledge of Connecticut's Clean Water Fund regulations;*
6. *Practical knowledge of spreadsheets, databases, word processing, and geographic information system software with experience and proficiency in MSWord, MSAccess, MSEXcel, and ArcGIS;*
7. *Work or academic experience to prioritizing, managing, and tracking multiple projects, tasks, and priorities simultaneously with project coordination and management;*
8. *Work or academic experience using written communication skills and technical writing.*

**(Sanitary Engineer 1): MINIMUM QUALIFICATIONS REQUIRED**

**Knowledge, Skill and Ability:** Knowledge of principles and practices of sanitary engineering with reference to water supply, sewage and bathing places but not including sanitary aspects of industrial hygiene, milk production or insect control; knowledge of methods and practices of sewage treatment and water purification; interpersonal skills; oral and written communication skills; ability to conduct detailed sanitary engineering investigations and studies; ability to prepare and review plans and sketches of water and waste sewage treatment facilities; ability to conduct and interpret chemical, bacteriological and microscopic analyses of water and wastes.

**EXPERIENCE AND TRAINING:**

**General Experience:** Five (5) years' experience in sanitary engineering involving design, construction, or operation of water, sewage, or industrial or hazardous waste treatment plants and equipment, groundwater or inspection and regulation of water supplies, or investigation of sanitation and waterway pollution problems.

**Substitutions Allowed:** 1. College training in civil or chemical engineering with courses in sanitary engineering may be substituted for the General Experience on the basis of fifteen (15) semester hours equaling one-half (1/2) year of experience to a maximum of four (4) years for a Bachelor's degree. 2. A Master's degree in Sanitary Engineering may be substituted for the General Experience.

**Working Conditions:** Incumbents in this class may be exposed to some risk of injury or physical harm from on-site environments and a moderate degree of discomfort from exposure to year-round weather conditions.

**(Engineer Intern): EXPERIENCE AND TRAINING:**

**General Experience:** A Bachelor's degree in civil, environmental, sanitary or chemical engineering is **required** for this position.

**PLEASE NOTE:** This position will be filled in accordance with reemployment, SEBAC, transfer, promotion and merit employment rules.

**Application Instructions:** ANYONE WISHING TO APPLY FOR THIS POSITION MUST COMPLETE AND FORWARD THE APPROPRIATE "State of Connecticut Application Form for Examination and Employment" (Form CT-HR-12) (ORIGINAL AND ONE COPY OF ENTIRE APPLICATION PACKAGE), NO LATER THAN THE CLOSING DATE AT THE TOP OF THIS FORM, TO:

Department of Public Health  
410 Capitol Avenue, MS #13PER  
PO Box 340308  
Hartford, CT 06134-0308  
FAX: 860-509-7860 (if faxing, only one application is necessary)  
EMAIL: [dph.recruitment@ct.gov](mailto:dph.recruitment@ct.gov)

\* The closing date is for this posting. This may differ from the examination closing date for a competitive examination.

Questions regarding this process should be directed to the Human Resources Office (Recruitment Hotline, 509-7223).

THE DEPARTMENT OF PUBLIC HEALTH AIMS TO PROVIDE EQUAL OPPORTUNITY IN ALL ASPECTS OF EMPLOYMENT AND ADVANCEMENT, FOSTERING AN ENVIRONMENT COMMITTED TO SUPPORTING INDIVIDUALS IN ALL PROTECTED CLASSES.