

DEPARTMENT OF PUBLIC HEALTH  
POSTING OF VACANCY  
Sanitary Engineer 1 (Public Health) (May wish to fill as Engineer Intern)  
C.O. - Drinking Water Section

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

**OPEN TO:** The Public (Engineer Intern only)

**POSITION CONTROL NUMBER:** 012581SC **NOTE:** THIS NUMBER **MUST** BE INCLUDED ON YOUR APPLICATION

**LOCATION:** 410 Capitol Avenue, Hartford, CT

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

**SALARY GROUP/RANGE:** San Eng. 1 ES19/\$49,661-\$70,520; Eng. Int – ES 18, Step 5/\$53,743

**POSTING DATE:** July 10, 2017

**CLOSING DATE:** July 31, 2017\*

**San Eng 1 NOTE:** 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:**

- At a minimum, a bachelor's degree in civil, environmental, sanitary or chemical engineering;
- Experience with data collection, analysis and interpretation;
- Engineering or academic experience in drinking water treatment, drinking water distribution systems, water quality or source water protection;
- Experience with spreadsheets, databases, and word processing software including MS Excel, MS Access and MS Word;
- Work or academic experience using verbal and written communication skills and technical writing

**Candidates invited to interview will be asked to submit a technical writing sample**

**(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 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 (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, civil or chemical 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): MINIMUM QUALIFICATIONS REQUIRED**

**Knowledge, Skill and Ability:**

General knowledge of basic engineering theories, principles and methods; skill in use of drafting and calculating instruments; considerable ability in performing mathematical computations, making neat and accurate drawings and preparing minor design and structural details; ability to utilize computer software.

**EXPERIENCE AND TRAINING:**

**General Experience:**

A Bachelor's degree in the discipline required by the target class. (Civil, environmental, sanitary, or chemical engineering with courses in sanitary 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 SUBMIT A COMPLETE State of Connecticut Application Form for Examination and Employment ([Form CT-HR-12](#)), INCLUSION OF A RESUME IS OPTIONAL. THE ENTIRE APPLICATION PACKAGE MUST BE RECEIVED NO LATER THAN THE CLOSING DATE AT THE TOP OF THIS FORM AT:

FAX: 860-730-8386

EMAIL: [dph.recruitment@ct.gov](mailto:dph.recruitment@ct.gov)

If mail is necessary, please send to:

Department of Public Health

410 Capitol Avenue, MS #13PER

PO Box 340308

Hartford, CT 06134-0308

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

**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. IF YOU REQUIRE AID/ACCOMMODATION TO PARTICIPATE FULLY AND FAIRLY, PLEASE CONTACT THE HUMAN RESOURCES OFFICE AT 860-509-7177.**