



# COLUMBIA COUNTY PUBLIC HEALTH ENGINEER

CIVIL SERVICE TESTABLE, BARGAINING UNIT POSITION

Posting Date July 17, 2025

## Columbia County, New York

has a career opportunity for a New York State Licensed Professional Engineer!

Working with County residents and Public Officials alike, this professional will bring their expertise to advise, and improve public health through environmental health practices and regulation.

Located in historic Hudson, New York, the Columbia County Department of Health is dedicated to the protection and promotion of the health of the residents of Columbia County, and assisting them to live happier, safer and healthier lives.

If you are ready to be part of a team that truly makes a difference in the community, look no further!

## For more information

on the qualifications and job description of this career opportunity, please visit our website at:

<https://columbiacountynyhealth.com/news/we-are-hiring/>

**Annual Salary**  
**\$ 107,555**

**Generous benefits package including:**

**New York State Retirement Fund**

**Capital District Physician's Health Plan (CDPHP) EPO**  
**No deductible and no referral Plan**

**Low-cost Mail Order Prescriptions**

**Dental and Vision Benefits**

**Vacation, Sick, Personal, DTO, and Holiday time off**

**Deferred Compensation 457B Plan**

**Flexible Spending FSA Funds**

**Credit Union Enrollment**

**And more!**

## TO APPLY:

Please send a resume, cover letter and three professional references to:

Columbia County Health Dept.  
Attn: Victoria McGahan, Director  
325 Columbia Street, Suite 100  
Hudson, NY 12534

Email: [CCDOH@columbiacountyny.com](mailto:CCDOH@columbiacountyny.com)

Applications will be accepted  
through July 31, 2025



**Columbia County is an Equal Opportunity Employer**

# Public Health Engineer

**Distinguishing features of the class:** This position exists in the County Health Dept. and involves responsibility for the planning, administration and performance of public health engineering duties concerned with the execution of one or more phases of environmental health program. The work entails advising public officials or individuals on problems requiring professional public engineering expertise, including measures for improvement and compliance with legal requirements, assisting in the promotion of public health through application of environmental health practices, sitting in the enforcement of the provisions of local and state health matters and investigations of related conditions and problems. The work is performed under general supervision of the Public Health Director with leeway allowed for exercise of independent judgment in carrying out details of the work. Supervision may be exercised over the work of subordinate technical and professional employees. Does related work as required.

## **Typical work activities: (illustrative only)**

- Investigates, reports on and makes recommendations concerning public water supplies or sewage system, swimming and bathing places, stream pollution, sanitary conditions of camps, hotels or boarding houses, food, restaurant and general sanitation, air pollution and public health of environmental nuisances;
- Responds to and conducts investigations into hazardous material and oil spills, fish kills and other problems in cooperation with the NYS DEC;
- Confers with local officials relative to the public health engineering problems;
- Interprets the results of laboratory examinations of air, water, sewage, industrial waste and other samples;
- Reviews subdivision plans to determine compliance with State environmental health standards;
- Assists in investigations of outbreaks of diseases as part of a public health team;
- Maintains relationships and cooperates with State and Federal agencies concerning environmental and sanitary engineering programs and problems;
- Prepares a variety of technical reports including recommendations for correction of environmental engineering problems;
- Develops, oversees, and administers various aspects of the County Health Engineering program;
- Performs special assignments relating to phases of public health engineering or environmental health as required;
- Represents the health department on matters and problems related to environmental and sanitary engineering;
- Prepares a variety of records and reports related to public health engineering programs;
- May instruct local plant operators in water and sewage chemistry and bacteriology as applied in controlling the operation of water works and sewage treatment plants;
- Participates in investigations of environmental health factors related to disease outbreak;
- Confers with local officials relative to sanitary engineering problems;
- Reviews plans of water supplies and waste water systems and food service establishments submitted by consulting engineers for compliance with local and state health codes;
- Provides technical assistance to technicians and sanitarians regarding engineering problems.

## **Full performance knowledge, skills, abilities and personal characteristics:**

Good knowledge of the principles and practices and techniques of public health engineering and environmental health related to air pollution, installations, water supplies and purification, sewage disposal, stream pollution, food and other foods, restaurants and public eating places, camps, hotels, lodging and boarding houses, swimming pools, bathing beaches, schools and other places, insect and rodent control, public health nuisances and general sanitation; working knowledge of the provisions of the Public Health law and State Sanitary Code related to the above subjects; ability to prepare reports and correspondence; skill in public health engineering techniques and practices; imitative and resourcefulness in solving public health engineering problems; ability to deal with public and other officials and develop public relations; physical condition commensurate with the demands of the position.

## **Minimum qualifications:**

Graduation from a regionally accredited or NYS registered college or university with a bachelor's degree in engineering and a license to practice as a professional engineer in New York State. Special Requirement: Possession of a valid New York State driver's license is required at the time of appointment.

Revised by Columbia County Civil Service Commission 10/6/99  
Adopted by the Columbia County Civil Service Commission 10/14/99  
Competitive