



**State of New Jersey
Board of Public Utilities**

ANTICIPATED JOB VACANCY

JOB POSTING #: 27-2020

DATE OF POSTING: November 10, 2020

DATE OF CLOSING: November 30, 2020

TITLE: Environmental Engineer Trainee, Pipeline Safety

SALARY: \$56,855.44 – \$59,143.79

EXISTING VACANCIES: Two (2)

DIVISION/LOCATION: Board of Public Utilities
Division of Reliability & Security, Pipeline Safety

GENERAL DESCRIPTION: Under close supervision of supervisory personnel on the Engineering Team in the New Jersey Board of Public Utilities (NJBPU) Bureau of Pipeline Safety (BPS), the Pipeline Safety Engineer Trainee learns to conduct technical studies, reviews, inspections, and/or investigations relating to the improvement and/or monitoring of natural gas pipeline safety, and/or the enforcement of pipeline safety regulations and laws; does other related engineering and pipeline safety duties as required.

Duties and Responsibilities

Performs technical engineering studies, reviews, and data analyses concerning the natural gas industry and New Jersey natural gas utility companies. At a minimum, is proficient in utilizing Microsoft Outlook, Word, Excel, Access, and PowerPoint programs.

Learns to conduct field inspections and incident investigations to monitor compliance of New Jersey natural gas utility companies with federal and state pipeline safety regulations and to work with gas industry professionals to ensure safe gas operation standards are met. Technical fieldwork is an essential function of this position and requires the wearing of state-supplied protective safety clothing and equipment.

Provides engineering support and technical assistance to Staff on BPS projects.

Maintains BPS records, reports, and files, as appropriate. Reviews periodic reports submitted by the New Jersey natural gas utility companies.

Prepares technical engineering reports summarizing analyses and findings, which may include calculations, drawings, plans/specifications, diagrams, maps, spreadsheets, charts, and other technical information.

Reviews current developments, products, and technologies related to the natural gas industry, including but not limited to public awareness, damage prevention, pipeline design and construction, and integrity management.

Must have scheduling flexibility to be on call, when qualified, on a rotational basis to monitor and/or respond to emergency situations and conduct incident investigations to meet the NJBPU 24-hour, 7-day per week response requirement. The work schedule is normally five 7-hour days per week.

Attends mandatory in-state and out-of-state training and conferences, including travel and overnight stays, conducted by the State of New Jersey, U.S.D.O.T. Pipeline and Hazardous Materials Safety Administration (PHMSA), and other providers, as required.

REQUIREMENTS: Graduation from an accredited college with a Bachelor's degree in Civil, Chemical, Mechanical, Environmental, Ocean, Coastal, Bio-Resource, Sanitary, Industrial, Agricultural or Mining Engineering, or other field of engineering related to the environment.

NOTE: Must possess a valid driver's license, be capable of operating a State-issued vehicle with extensive driving to perform pipeline safety inspections and investigations, and be proficient in field entry of inspection/investigation data/results into the pipeline safety database.

NOTE: Must meet all other NJBPU conditions of employment and be capable of performing physical tasks including, but not limited to, climbing in excavations and climbing ladders to inspect construction work. The trainee may be exposed to loud noises and hazardous conditions.

OPEN TO THE FOLLOWING: Open to NJ Residents.

NOTE: RESIDENCY LAW: Pursuant to N.J.S.A. 52:14-7 (L. 2011, Chapter 70), also known as the "New Jersey First Act," which became effective September 1, 2011, all persons newly hired by the Executive Branch on or after that date shall have one year from the date of employment to establish, and then maintain principal residence in the State of New Jersey.

The State of New Jersey is an Equal Opportunity Employer.

PLEASE FORWARD RESUMES VIA MAIL OR EMAIL TO:

NJ Board of Public Utilities
Office of Human Resources
P.O. BOX 350
Trenton, NJ 08625
humanresources@bpu.nj.gov