State of New Jersey
Board of Public Utilities

ANTICIPATED JOB VACANCY

JOB POSTING #: 06-2020

DATE OF POSTING: January 23, 2020

DATE OF CLOSING: February 6, 2020

TITLE: Environmental Engineer 2, Pipeline Safety

SALARY: $57,210.09 – $81,068.91

EXISTING VACANCIES: One (1)

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

GENERAL DESCRIPTION: Under general supervision of supervisory personnel on the Engineering Team in the New Jersey Board of Public Utilities’ (NJBPU) Bureau of Pipeline Safety, the Environmental Engineer 2 conducts and/or leads 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.

Other duties and responsibilities include, but are not limited to:

Conducts and/or leads pipeline safety inspections and incident investigations of New Jersey natural gas facilities, is proficient in field entry of inspection data and findings into NJBPU pipeline safety database, and processes notices of probable violations and/or amendments discovered during the inspections/investigations. Works 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. Conducts reviews of proposed natural gas pipeline projects; makes recommendations for revisions and improvements as needed. Analyzes and develops documents concerning proposed natural gas pipeline installations and procedures; participates in meetings and public hearings; and prepares discovery inquiries and Board Agenda documents.

Performs technical engineering reviews and data analyses concerning the New Jersey natural gas utility companies. Reviews periodic plans, programs, and reports for each NJ natural gas
utility company and analyzes their strengths and weaknesses; recommends corrective actions and improvements needed.

Supervises and trains inexperienced staff to conduct field inspections to monitor compliance of New Jersey natural gas utility companies with Federal and State pipeline safety regulations.

Must have scheduling flexibility to be on call 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.

Must be capable of performing physical tasks including, but not limited to, climbing in excavations and climbing ladders to inspect construction work. The incumbent may be exposed to loud noises and hazardous conditions.

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

**NOTE:** A valid Professional Engineer's license issued by the New Jersey State Board of Professional Engineers and Land Surveyors may be substituted for the Bachelor's degree in Engineering.

**EXPERIENCE:** Two (2) years of professional experience in environmental engineering work.

Completion of PHMSA training courses to qualify as a Gas Inspector and LNG Inspector preferred. Natural gas pipeline safety compliance inspection and incident investigation experience is preferred.

Must possess a valid driver’s license and be capable of operating a State-issued vehicle with extensive driving to perform pipeline safety inspections and investigations.

**NOTE:** A Master's degree in one of the fields specified above may be substituted for one (1) year of the above experience.

**OPEN TO THE FOLLOWING:** Open to BPU employees who are serving in a permanent capacity for an aggregate of at least one (1) year in any competitive title, preceding the posting date and must meet the requirements and experience stated above.

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