



Engineering Technician

Location: Hackettstown NRCS Service Center

Classification: Full-time (40 hours/week)

The North Jersey Resource Conservation and Development Council (North Jersey RC&D) is a nonprofit organization seeking to hire an Engineering Technician to work as a partner employee with the Natural Resources Conservation Service (NRCS). NRCS and North Jersey RC&D have a shared and complementary mission to assist land users to conserve their soil, water, and related natural resources.

The Engineering Technician position will design engineering practices, prepare engineering drawings, compute quantities, and assist field office personnel in the application of conservation practices. The partner employee will be housed in the Hackettstown NRCS Service Center and directed by the NRCS District Conservationist.

The selected candidate will be required to work in both the Hackettstown and Frenchtown service areas as needed.

Responsibilities:

- Provide engineering technical assistance for preliminary site investigations and conservation planning;
- Assist with engineering design surveys, construction layout, and construction checks;
- Provide technical guidance and direction to service center and district staff in the planning, design, and construction of engineering practices with supervision;
- Assist with collection of field data and assure adequacy of collected data;
- Compute quantities associated with projects designed in the field office;
- Develop standard drawings and designs with CAD;
- Develop alternative solutions for solving complex resource management concerns in the areas of erosion control, water management, agricultural waste management, and water quality;
- Coordinate with engineering specialists in performing NRCS quality reviews of conservation practices.

Qualifications:

- Associate's Degree in Agriculture, Engineering, Land Surveying, Natural Resource sciences or related field.
- Knowledge of survey techniques;

- Knowledge of construction techniques, contracting procedures, and the ability to read plans and understand construction and material specifications;
- Knowledge of engineering-related computer systems, e.g. CAD systems and others, in order to prepare designs for conservation practices.
- Ability to apply the fundamentals of mathematics, science, and engineering in order to design solutions to resource problems.
- Knowledge of construction safety policies;
- Ability to work effectively with co-workers, contractors, partners, and landowners in order to provide for the efficient installation of conservation measures.
- Ability to pass a Federal Background check and Employment Eligibility Verification
- Must possess a valid driver's license.

Physical Demands:

Regular physical exertion in an outdoor setting is required. Walking long distances over rough terrain under a variety of weather conditions is to be expected. Sitting at a desk or drafting table for long periods of time is occasionally required. Driving to work assignments may take up to three hours one way. Travel time will be in a federal vehicle or reimbursed at the federal mileage rate.

Work Environment:

Work is often performed out-of-doors with regular exposure to heavy equipment, noise, adverse weather, and rough terrain. Protective equipment is necessary on construction sites. Exposure to farm animals, insects, and poisonous plants and snakes can be expected. Environment can vary from agricultural fields to the urban setting. Office work is performed in an NRCS Service Center

Terms of Employment:

- Full-time position (40 hrs/wk), competitive nonprofit benefits package available;
- Pay based on qualifications and experience;
- Position is made available through a contribution agreement.

How to Apply:

Interested applicants are encouraged to submit a resume and cover letter outlining your interest, along with a list of references by email to ltessieri@northjerseyrcd.org:
 Laura Tessieri, Associate Director
 North Jersey RC&D

We strongly encourage all qualified professionals to apply. The North Jersey RC&D is an Equal Opportunity Employer and does not discriminate on the basis of sex, race, age, national origin, ethnic background, disability or any other characteristic protected by law.

The North Jersey RC&D is a nonprofit organization initiated in 1962 to help people care for and protect their natural resources to improve an area's economy, environment and living standards. We

work within Hunterdon, Warren, Morris, Somerset, Sussex and Union counties. Our mission is to work towards the sustainable use and protection of natural and human resources through innovation, education and partnerships. Visit us on the web: www.northjerseyrcd.org