

# Watershed Agricultural Council

Agriculture ♦ Forestry ♦ Conservation Easements ♦ Economic Viability

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nycwatershed.org



## Watershed Agricultural Council Engineering Specialist Learned Professional/Exempt Employee

The Engineering Specialist will serve as a conservation technician to work cooperatively in the design and implementation of Agricultural Best Management Practices (BMPs) in the Watershed Agricultural Program (WAP). Work shall be performed under the direct supervision of the Technician and Engineering Coordinator or his/her designee.

### Education and Experience Requirements:

- Associate's Degree required, Bachelor's Degree preferred.
- Knowledge of basic engineering and construction skills used in the design of agricultural buildings and water quality conservation practices.
- Knowledge of farming practices on dairy and other livestock operations.
- Computer knowledge including word processing and spreadsheet applications.
- Familiarity with computer aided design programs will be helpful.
- Knowledge of GIS and digital survey skills are preferred.
- Ability to communicate clearly, both orally and in writing.
- Ability to maintain a professional working relationship within a team setting.
- Must have a valid and current driver's license.
- Must be able to lift a minimum of 40 pounds.

### Duties and Responsibilities:

- Design Natural Resource Conservation Services (NRCS) and WAC Agricultural BMPs including structural facilities for calves, covered barnyard and feeding areas, agricultural ventilation systems and related agricultural manure storages and equipment.
- Explain design packages and procurement procedures to participants (farmers), and coordinate project implementation with contractors and participants.
- Oversee and properly document the construction of BMPs following an approved design.
- Assist with innovative solutions and designs to solve water quality problems.
- Work independently, manage workload effectively and use good organizational skills.
- Other related duties or projects as assigned by the Technician and Engineering Coordinator or his/her designee.