**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).

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.

• Must have a valid and current driver’s license

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.

• Ability to communicate clearly, both orally and in writing.

• Ability to maintain a professional working relationship within a team setting.

Reporting Relationships:

• Works under the direct supervision of the Technician and Engineering Coordinator or his/her designee