



**JOB DESCRIPTION**  
**AGRICULTURE ENGINEERING TECHNICIAN**  
Lancaster County Conservation District

GENERAL STATEMENT OF DUTIES: Provide assistance to the Professional Engineer and Agriculture Engineering/Technical Specialists in technical planning and design assistance to accelerate the installation of best management practices (BMPs) for landowners for the proper storage and application of nutrients on land areas responsible for nonpoint source pollution and to control erosion and the resultant sedimentation. This position is classified as an at-will exempt position and reports to the Agriculture Program Manager.

JOB DUTIES AND RESPONSIBILITIES

A. Primary Responsibilities (Engineering)

1. Assist in survey, construction site layout, design and specification interpretation, construction quality assurance, as-built surveys, and preparation of as-built documents.
2. Inventory and evaluate agricultural waste management problems and erosion and sediment control problems and provide verbal and/or written alternatives and cost estimates.
3. Assist District personnel and landowners in determining cost effective methods of nutrient and erosion control that meet or exceed baseline ag compliance requirements.
4. Provide technical assistance to landowners for the installation of BMPs.
5. Assist District personnel in preparing bid packages, site showings, bid evaluations, contract awards, and contract modifications.
6. Assist in geologic investigations and analysis interpretation to determine site suitability.
7. Provide technical support to District Agriculture Technicians.
8. Develop and/or review agricultural waste management plans and complex erosion and sediment control problems.
9. Design and implement BMPs as determined by Professional Engineer.

B. Education and Outreach

1. Assist and provide information and training to landowners, private consultants and contractors on cost share programs, and construction specifications.
2. Assist with technical training for District staff.

C. Training & Certification

1. Obtain/maintain Act 38 Nutrient Management Public Review Certification.



2. Attend periodic training to fulfill the Agriculture Engineering Technician professional development plan.
3. Attend periodic Agency meetings.

#### D. Reports

1. Maintain daily log of activities.
2. Prepare Quarterly Reports.
3. Report to the Ag Program Manager.

#### E. Employment Requirements

1. Valid driver's license.
2. Vehicle suitable for work related purposes.
3. Ability to traverse rough terrain.
4. 2 years of engineering experience preferred.
5. Must have acquired a minimum of a 2-year degree in Agriculture, Environmental or Civil Engineering Technology or a relevant major.

### DISTRICT ACTIVITIES

1. Attend staff, ag team, and other meetings as requested.
2. Serve on District Committees as a volunteer and as assigned.
3. Assist with District functions as requested.
4. Other duties as assigned.

This job description has been designed to indicate the general nature and level of work performed by employees in this position. It is not intended to contain or to be interpreted as a comprehensive listing of all duties, responsibilities, and qualifications required of employees assigned to this position. This job description is subject to change, but remains in effect until superseded or canceled in writing by the District Manager.

Signed \_\_\_\_\_ Date \_\_\_\_\_

Revised 9/23/22