

Capital Resource Conservation and Development Area Council
2024 Chesapeake Bay Watershed Cropland
Roadside Cover Crop Survey

GPS Assistant

Project Overview:

Capital Resource Conservation and Development Area Council (Capital RC&D), a regional non-profit organization seeks three GPS assistants to provide GPS support for a field survey. The assistant will accompany county survey teams and enter and manage data for the 2024 Chesapeake Bay Watershed, Cover Crop Roadside Transect Survey. The survey will be conducted in 15 counties in the Chesapeake Bay watershed in Pennsylvania with a focus on the counties west of the Susquehanna, with some exceptions. The counties we will be surveying are, Tioga, Luzerne, Bradford, Sullivan, Susquehanna, Northumberland, Montour, Clinton, Lycoming, Columbia, Centre, Schuylkill, Mifflin, Lebanon and Lancaster Counties. The results of this survey will be used by the PA Department of Environmental Protection and will be included in the Conservation Technology Information Center's Tillage/Crop Residue Database.

GPS technician duties and responsibilities:

Driving to the survey county and eight-hour days are necessary to implement this project. The GPS assistant will be assigned to approximately two to four counties within the Chesapeake Bay watershed in Pennsylvania, depending upon availability. The assistant will work as a member of a Cover Crop Survey Team consisting of the GPS Assistant, a local conservation district representative and a survey technician. The GPS assistant's role is to accompany the team in the field, guide the driver using the ESRI Collector app to observation GPS waypoints and enter data. Each county survey will take approximately two days to complete. The data will be reviewed, evaluated, and submitted to the PA Department of Environmental Protection.

Survey GPS assistant work schedule:

This is a short-term position, working on average, 24 hours or less per week over a period of approximately six weeks. Work hours and days will vary depending on dates of field work. Field work dates will be determined based on weather conditions. Anticipated timeframe for field collection is May 20 – June 28, 2024. All survey work will occur on weekdays. Additional opportunity for continued work through August may be possible.

Survey GPS assistant required skills and knowledge:

- Must be capable in using ArcMap software;
- Must be familiar with data entry procedures;
- Performs work with attention to detail;
- Good communication skills;
- Ability to work as a member of a team, independently, and with direct supervision; and
- Must possess a valid driver's license and have use of a motor vehicle.

Survey GPS assistant Compensation:

The schedule of work will be coordinated through Capital RC&D, located in Carlisle, PA. Mileage from the employee's home to survey team sites is reimbursed as is the time spent driving. When overnight stays are needed, the cost will also be reimbursed. Hourly wage is \$25/hour.

Interested candidates should **respond by April 19, 2024** to:

Ann Basehore, Executive Director, Capital RC&D Area Council

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Email: abasehore@capitalrcd.org

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