



SEASONAL POSITION AVAILABLE

WETLAND FIELD TECHNICIAN

WORK LOCATION: Dover, DE

EMPLOYMENT PERIOD: 1 Position 6/03/19 – 9/27/19 (Approximate)

POSITION DESCRIPTION:

The Delaware Department of Natural Resources and Environmental Control's (DNREC) Wetland Monitoring and Assessment Program (WMAP) is seeking one energetic and qualified individual to assist with projects assessing the condition of wetlands and collecting wetland monitoring data. This is a seasonal position from approximately June through the end of September (start and end dates are flexible). The technician will be an integral addition to a small wetland monitoring and assessment team. Field work will include site visits by foot and by boat in a selected watershed as part of a field crew to collect data on vegetation, soils, hydrology, and land use in both tidal and non-tidal wetlands. The majority of field work will be conducted in the Brandywine watershed in the Piedmont Drainage Basin in northern Delaware. Office work will involve entering data using Excel and Access, creating maps and measurements using ArcGIS, completing paperwork and calculations, and coordinating field visits with team members. DNREC is using information from these projects to report on the condition of wetlands, gain a better understanding of wetland functions, and prioritize wetland restoration and protection efforts. Based on need, there may be opportunities for assistance with public outreach related projects. Time in the field will be determined by weather, staffing availability, research needs, and site access.

<http://de.gov/delawarewetlands>

SALARY/HOURS:

Pay is \$14.00/ hour for a 29.75 hour work week. Typical work week is Monday through Thursday (flexible). Typical work day is 7.5 hours. Must be willing to occasionally work long hours in adverse conditions (heat, humidity, mosquitos) in rough terrain (thick vegetation, water, and mud), and work well with other team members. Transportation to sites from office, and footwear (hip waders), are provided. **Housing is not provided.**

RESPONSIBILITIES:

1. Navigate to non-tidal and tidal wetland sites in the Brandywine watershed and collect vegetation, hydrology, soils, and land use data according to established sampling protocols. (50%)
2. Enter, check, and manage field data and photos into computer databases. (20%)
3. Create GIS maps and other documentation of study sites. (8%)
4. Organize and maintain field equipment, datasheets, and supplies. (5%)
5. Contact landowners to gain access to sites and speak with landowners about wetland health and impacts. (5%)
6. Complete post-restoration wetland monitoring at established Prime Hook National Wildlife Refuge sites. (5%)
7. Assist in monitoring at DelDOT mitigation sites using established sampling protocols. (3%)
8. Complete long-term monitoring for living shoreline and beneficial use demonstration sites. (3%)

9. Contribute as needed to social media posts and blogs. (1%)

QUALIFICATIONS:

1. Experience collecting, compiling, and maintaining data in the field. Fieldwork experience in wetlands preferable.
2. Ability to adhere to detailed methodologies and protocols, and keep accurate records.
3. Proficiency with orienteering skills using compass, GPS, and maps.
4. Experience identifying Mid-Atlantic Coastal Plain flora and fauna helpful.
5. Knowledge of environmental or ecological principles and practices.
6. Working experience with computer information systems (Microsoft Access, Excel, Word).
7. Experience with scientific writing and communication.
8. Basic GIS experience helpful.
9. Boating and trailering experience a plus.
10. Capacity and willingness to work long hours with 2-4 crew members in the field under physically demanding conditions (heat, humidity, insects, and rough terrain) while carrying heavy equipment.
11. A valid driver's license is required.

APPLICATION INSTRUCTIONS:

To apply: mail, fax, or email current resume and cover letter addressing how you meet each qualification and including the names and phone numbers of 3 references (**as one document; PDF format preferred**) by 11:59pm EST Sunday April 14, 2019. Interviews are anticipated in late April after application review.

CONTACT:

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