



Grand County Water Information Network
Secchi Field Technician

Job Title: Secchi Field Technician
Reports To: GCWIN Executive Director
Part-Time/Seasonal: 5-12 hours per week, from about May through October
Starting Pay Range: \$16.00 - \$16.50 per hour
Benefits: Workers Compensation
Contact: Mary Price -- any questions please call 970-627-8162 or email.
Please send resume to mary.price@gcwin.org

Summary:

Executes Secchi monitoring program for GCWIN along with Lead Field Technician. Ensures field equipment is in top operating condition and that data collection meets quality control standards. The Secchi Field Technician is responsible for installing, operating, calibrating, and pulling all field equipment.

Essential Duties and Responsibilities:

- Secchi Monitoring Program:
 - 3 days per week (Monday, Wednesday, and Friday) from about May through October
 - Boat driving and navigation to specific site locations
 - Visit each of the 7 sites on Grand Lake and Shadow Mountain Reservoir to take Secchi measurements, composite chlorophyll samples, underwater photographs, and Sondes readings for T, pH, Turbidity, Specific Conductivity, and DO.
 - Bi-weekly Sondes calibrations and calibration checks
- If needed, support with other water quality monitoring programs and/or environmental education programs and any other duties that may not be listed here.

Qualifications and Skills:

- Must have a high school diploma or equivalent.
- Ability to lift 35 pounds and work safely in a variety of outdoor conditions as about 95% of work is performed outdoors.
- Vision must be unimpaired or correctable to 20/20 and must possess normal color vision for the entire field season.
- Adhere to Secchi monitoring procedures, equipment calibration, and data downloading in the field under sometimes adverse conditions.
- Vision must be unimpaired or correctable to 20/20 and must possess normal color vision for the entire field season. The essential commands of the job require you to lower a 20cm disk with alternating black and white quadrants into the water until it can no longer be seen. This depth of disappearance, called the Secchi depth, is a measure of transparency of the water. In addition, detection and assessment of the water color is also required (ex. brown, blue-green, yellow etc.).
- Valid driver's license and must have own vehicle that is reliable with appropriate insurance.
- Evaluate when river/lake/weather conditions are unsafe and stop monitoring.
- Safe boat handling skills as well as a strong swimmer.
- Proficiency with Excel and Outlook, and ability to do data entry and manage files.
- Maintain and backup laptop computer.
- Well-organized and strong attention to detail– this is critical for following field procedures and data file management.
- Good interpersonal skills as the Field Technician may meet landowners or other people in the field who will want to know what is being done. Field Technician must represent GCWIN well.

- Able to work problems out in the field and use good judgment to ask for help when necessary.
- Be able to pass a background check.