



Upper Occoquan Service Authority

Human Resources Department

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INTERNSHIP

Close Date: Open Until Filled

Start Date: Mid-May 2026

WATER QUALITY ANALYSIS INTERN

Asset and Process Management Division

\$15-\$20 per hour (DOE^)

ABOUT THE ORGANIZATION

The Upper Occoquan Service Authority (UOSA) is a leader in water reclamation and a high-performance wastewater treatment facility in Northern Virginia. The organization seeks an energetic college student presently studying in the fields of Chemistry, Biology, Environmental Science, and/or Engineering, to work as a Summer Intern within the Asset and Process Management Division. Also willing to consider Data Science majors with a minor or strong interest in Environmental Science.

DUTIES INCLUDE

The intern will be responsible for performing progressively difficult tasks, working independently as well as in conjunction with highly skilled and experienced employees. The individual will be responsible for conducting process studies, analysis of existing data, conducting field tests to measure plant performance, and performing laboratory tests associated with process chemistry. The individual will work under the guidance of the Deputy Director of Asset and Process Management, to gain on-the-job training.

Intermediate computer skills in Microsoft Office, strong skills in Microsoft Excel are required. Data visualization skills such as Power Bi desired. The intern will be expected to gather, verify, analyze, and prepare reports and dashboards. The ability to evaluate data and prepare reports and other documentation is essential. Must be able to perform lab work with intermittent supervision and can write clear and concise technical reports.

REQUIRED, KNOWLEDGE, SKILLS, AND ABILITIES

- The individual must have the knowledge or aptitude to learn principles and practices process operation of a modern Wastewater Treatment facility.
- Must be able to perform the physical requirements of the position to include extensive walking, bending, stooping, climbing of stairs and ladders, lifting, and carrying up to 50 lbs.
- The possession of a driver's license valid in the Commonwealth of Virginia is required.

This is a temporary position that does not offer UOSA benefits and/or paid holidays.

All employment offers are contingent upon the successful completion of a pre-employment drug screen (paid for by UOSA).

In order to be fully considered for the position, all applicants must submit a complete online application along with an updated resume via the UOSA website: Uosa.org/Careers > [Candidate Profile](#).

Once logged into your profile, click on Find Jobs in the upper left-hand corner of the screen, followed by [Search for Jobs](#). Review the vacancy and apply for the position.