



CENTRAL UTAH WATER CONSERVANCY DISTRICT

Job Description

Revised: March 2026

JOB TITLE:	Intern – Water Quality Technician
REPORTS TO:	Senior Water Quality Analyst
DEPARTMENT:	Finished Water
LOCATION:	DACRWTP, Orem, UT
STATUS:	Non-Exempt – Temporary Full-Time
SALARY GRADE:	\$18-\$21/hour

JOB SUMMARY

This position provides technical support to the District through conducting laboratory analyses and field sampling. This position is temporary and is anticipated to be needed only during the period of April 1 - September 1, 2026.

ESSENTIAL FUNCTIONS

Essential & other important responsibilities & duties may include, but are not limited to, the following:

1. Assists in performing and conducting water quality monitoring on drinking water treatment projects. Inputs, manipulates, and assists with interpretation of data using a computer, excel, and database software.
2. Assists in collecting compliance and investigative finished water samples from treatment plants and distribution system for laboratory analysis.
3. Assists in performing laboratory analyses in NELAC certified drinking water laboratories. Assists in calibration and maintenance of laboratory and water quality monitoring equipment.

4. Assists in collecting and summarizing data relating to source water and drinking water quality.
5. Assists watershed staff in collecting water quality samples from lakes, rivers, and streams.

MARGINAL FUNCTIONS

1. Performs other related duties as assigned.

SUPERVISION RESPONSIBILITIES

No supervisory duties required.

KNOWLEDGE, SKILLS, AND ABILITIES (KSAs)

Ability to use/operate pen/pencil, PC, and various software (word processing, spreadsheets) 40-50% of the time.

Ability to study, analyze, and interpret data and documents.

Ability to apply principles of logical and scientific thinking to define problems, collect data, establish facts, and draw valid conclusions; to interpret an extensive variety of technical instructions in mathematical or other form; to deal with several abstract and concrete variables.

Ability to drive a vehicle to various work sites and collect water quality samples from lakes, streams, pipelines, or other various locations.

Ability to order supplies and materials from catalogs, sales literature or vendor facilities, using telephone and internet.

Ability to input and retrieve data on computer including data logging and spreadsheets.

Ability to coordinate work to be done with various weather conditions, covering large distances.

Ability to exercise intermediate math skills including geometry, algebra, and statistics.

Ability to apply common sense understanding to carry out detailed, involved instructions; to deal with problems involving several concrete variables in or from standardized situations.
Ability to read technical manuals, prints, drawings, catalogs, instructions, etc.

Ability to prepare logs and reports; using proper format, punctuation, spelling and grammar.

Ability to communicate distinctly with appropriate pauses and emphasis; correct pronunciation (or sign equivalent) and variation in word order; using present, perfect, and future tenses.

Ability to work independently with minimal or no supervision.

Ability to adapt to situations requiring the precise attainment of set limits, tolerances, or standards; to be precise, thorough, exacting, or meticulous in regard to material worked; or in activities such as numerical determinations, record preparation, or inspecting.

Ability to identify task requirements and monitor progress toward accomplishment.

Ability to maintain relationships that facilitate task accomplishment; to cooperate and resolve conflicts; to recognize needs and be sensitive of others.

Ability to receive guidance and supervision; follow work rules, safety practices, work procedures; meet deadlines, punctuality and attendance standards, etc.

Ability to systematically identify and define problems, evaluate alternatives, and implement cost effective solutions.

Ability to be subject to noise: there is sufficient noise to cause the worker to shout in order to be heard.

Ability to be subject to vibration: exposure to oscillating movements of the extremities or whole body.

Ability to be subject to hazards: includes a variety of physical conditions, such as proximity to moving mechanical parts, electrical current, working on scaffolding and in high places of inside pipes or tunnels, on or near bodies of water (dams, reservoirs, etc.), exposure to chemicals.

PHYSICAL DEMANDS & WORKING ENVIRONMENTS

The physical demands and working environment demand described here are representative of those that must be met by an employee to successfully perform the essential functions of this class. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential job functions.

Environment:

Works indoors and outdoors; often work is in conditions of extreme cold (below 32 degrees) and in conditions of extreme heat (above 95 degrees) for periods of 1 hour or more.

Physical:

Requires sufficient mobility to walk, stand, and sit for prolonged periods of time, to climb stoop, bend, kneel, crouch, crawl, reach, and twist; push, pull, lift, exert up to 50 lbs. of force/weight occasionally, and/or more than 20 lbs. of force frequently to move and/or carry objects when working on mountainous and/or uneven surfaces or terrain.

Demonstrate adequate hearing and speech to converse in person and by phone. Exercise vision to read printed materials and use a computer screen. Periodically may drive to various meetings, appointments, etc. Position may require the ability to work overtime.

QUALIFICATIONS

Required to meet a combination of Experience/Education/Certification/License/Training in the following.

1. Associate degree or equivalent from an accredited college or university in biology, chemistry, environmental science, or related field. Good computer skills using word processing, spreadsheet software.
2. Valid Utah Driver's license with satisfactory driving record (MVR).