VALLECITOS WATER DISTRICT

CONSTRUCTION WORKER I/II

DEFINITION

Under general supervision, performs both routine and skilled heavy, physical work in the construction, maintenance, repair, and operation of water distribution systems, sewer collection systems, reclaimed water systems, and related structures and appurtenances; operates a variety of hand and power tools; performs related duties as required.

CLASS CHARACTERISTICS

Construction Worker I is the entry level class in this series. Initially under close supervision, incumbents learn and perform a variety of duties in the construction and repair of water distribution systems, sewer collection systems, reclaimed water systems, and related structures and appurtenances.

Construction Worker II is the journey level class in this series with incumbents performing the full range of construction, maintenance, and operation duties; may guide less experienced staff at job sites in the absence of supervisor or lead worker. This position is distinguished from the Senior Construction Worker, which performs more heavy equipment operations and serves as crew lead.

ESSENTIAL FUNCTIONS

Essential functions include, but are not limited to, the following:

- Installs, maintains, and repairs water distribution systems, sewer collection systems, and reclaimed water systems including pipelines, taps, laterals, valves, meter services, fire hydrants, and related appurtenances and structures;
- Exercises valves and performs system shutdowns; performs construction and maintenance work on District buildings and facilities as assigned;
- Excavates, shores, and backfills trenches; cuts, patches, repairs, and resurfaces streets; cleans up work sites; installs, raises, and lowers valve cans to grade;
- Observes safe work methods and safety practices related to the work; cones and flags work sites to secure from traffic; uses appropriate safety equipment;
- Researches materials and parts; creates work orders utilizing CMMS; inputs and maintains accurate records and logs, using appropriate computer software;
- Inspects vehicles and performs minor maintenance; reports the need for major repairs and service; fuels and lubricates vehicles and related equipment; operates assigned vehicles skillfully and safely; observes safe driving practices; operates and maintains a wide variety of hand and power tools and equipment related to work assignments;
- Reads and interprets maps, schematics, plans, blueprints, and specifications; records basic information related to work performed; collects and enters data into computer system;
- May train and direct the work of others; may act in a lead capacity on specific jobs; responds to emergency situations during off-hours as required;
▪ Stands duty on a rotational basis and may work outside of regular work hours as necessary, including weekends and holidays; required to respond within 30 minute time frame when on duty status;
▪ Operates copiers and a variety of office equipment;
▪ Performs duties in a professional manner and works well with others or in a team setting;
▪ Establish and maintain cooperative working relationships with co-workers, outside agencies, and the public;
▪ Regular attendance and adherence to prescribed work schedule to conduct job responsibilities;
▪ Observes safe work practices and safety methods; performs other duties as assigned.

QUALIFICATIONS GUIDELINES

Knowledge, Skills, and Abilities

Knowledge of:
▪ Techniques, materials, tools, and equipment used in the construction, repair, and maintenance of water distribution systems, sewer collection systems, reclaimed water systems, and related facilities and equipment;
▪ The operation and maintenance of wide variety of hand and power tools and equipment common to the field;
▪ Safe work methods and safety regulations pertaining to the work;
▪ Basic computerized record keeping applications;
▪ Shop mathematics;
▪ Codes, laws, and regulations applicable to the work.

Ability to:
▪ Perform a variety of construction, repair, and maintenance tasks;
▪ Work under routine and emergency conditions, sometimes in severe weather; be available for standby duty with a 30 minute response time;
▪ Work efficiently and safely with others;
▪ Understand and follow instructions and directions;
▪ Perform a wide variety of physically strenuous tasks;
▪ Enter data into computer system; maintain accurate records;
▪ Safely operate some heavy construction and repair equipment;
▪ Operate and properly repair valves, fittings, and hydrants;
▪ Read, interpret, and understand blueprints and construction drawings;
▪ Maintain and repair equipment and tools; operate and maintain a variety of hand and power tools and equipment;
▪ Properly place cones, barricades, and warning devices and direct traffic flow at job sites;
▪ Exercise independent judgment and initiative without close supervision.

Education & Experience

Any combination of education or experience that would likely provide the necessary knowledge and abilities is qualifying. A typical way to obtain these knowledge and abilities would be: high school graduation or equivalent, and;

▪ Water or wastewater technology education desirable;
▪ Construction Worker I: one year of work experience as a laborer in construction related work.
▪ Construction Worker II: two years of experience in the construction and maintenance of water distribution systems at a level equivalent to the District's Construction Worker I class.

Licenses, Certificates, and Special Requirements

▪ Construction Worker I: possession of a California Class B license with Tanker Endorsement within 6 months of date of hire; a State Water Resource Control Board (SWRCB) Water Distribution Grade 1 (D1) highly preferred;

▪ Construction Worker II: possession of a California SWRCB Water Distribution Grade 2 (D2); possession of a Class A California driver’s license with Tanker Endorsement.

PHYSICAL DEMANDS AND WORK ENVIRONMENT

The physical demands and work environment described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Employees may be required to wear and/or use personal protective and other safety equipment. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Physical Demands: While performing the duties of this job, the employee is regularly required to stand and walk; use hands and fingers to handle or feel; reach with hands and arms; stoop, kneel, crouch, or crawl; talk or hear. The employee must regularly lift and/or move up to 25 pounds, frequently lift and/or move up to 50 pounds, and occasionally lift and/or move up to 100 pounds. The employee is occasionally required to sit, climb, balance, or smell. Specific vision abilities required by this job include close, distance, color, and peripheral vision; depth perception; and the ability to adjust focus.

Environment: Employee regularly: works outdoors, exposed to sun, temperatures above 80 degrees, and other weather conditions; drives Class A & B vehicles; exposed to unusually loud sounds and hazardous materials. Employee frequently: required to work at night; work with equipment producing pronounced vibrations; exposed to common allergy-causing agents; required to get body and/or clothes wet. Some work done at a height of more than 12 feet above ground. Intermittent work in confined or cramped positions. May work in areas of high humidity.

I have reviewed this Job Description with my Supervisor and agree with its contents.

______________________________________________________________________
Employee Signature                                                                                Date

______________________________________________________________________
Supervisor Signature                                                                                Date

The specific statements shown in each section of this job description are not intended to be all-inclusive. They represent typical elements and criteria necessary to successfully perform the job.