

JOB DESCRIPTION
Senior Facilities Location Technician
Code Number: 24010

GENERAL PURPOSE

Under direction, provides lead support and technical guidance to facilities location staff; locates and marks EMWD's underground facilities and substructures in compliance with District policies and Government Code 4216; and performs related duties as assigned.

DISTINGUISHING CHARACTERISTICS

This is the lead or advanced-journey level in the Facilities Location Technician series. In the lead assignments, incumbents provide direction to lower level staff including assigning, directing, and reviewing the work of staff. In the advanced-journey assignment, incumbents perform the more difficult and complex tasks and assignments. Positions at this level are distinguished from those in the lower level classification of Facilities Location Technician II by the independence with which they perform their duties of handling the most difficult and complex work or by performing lead work.

ESSENTIAL DUTIES AND RESPONSIBILITIES

The duties listed below are intended only as illustrations of the various types of work that may be performed. The omission of specific statements of duties does not exclude them from the position if the work is similar, related or a logical assignment to this position.

In response to Underground Service Alert (USA) notices and requests from District departments, reviews for nature of job, researches, locates and marks underground water and sewer utility lines using electronic instruments, maps, and measuring devices; reviews and approves line location reports; reviews record drawings pertaining to daily work assignments.

Designs and lays out treatment plant pipelines and facilities installations from plan and profile drawings which includes locating District underground substructures such as water lines, sewer forcemains, gas lines, chlorine lines, sludge lines, fiber optics, communication lines, air lines, and high voltage power lines.

Responds to Integrated Operation Center request orders for the location of lost water meters.

Notifies USA when District crews are excavating; maintains records of USA transactions.

Locates water valves for maintenance and operation crews upon request.

Performs leak detection and location in District pipelines.

Performs technical support for facilities location staff; receives, reviews and distributes USA's; trains less-experienced locators; reviews work of unit staff; participates in preparing staff work schedules.

Cross checks high-pressure gas lines mapping system against EMWD mapping system to ensure the safety of EMWD construction crews; provides documentation of all conflicts involving areas to be excavated to appropriate department.

Provides technical supervision in the field of independent contractors performing potholing and utility verification work.

Researches data from maps and records; updates maps of District facilities; advises EMWD's Maps & Records Section of map discrepancies.

Responds to emergency calls, as required.

Investigates, reports and records damages to District facilities caused by external agencies or contractors.

Assists field location operations by directing traffic and overseeing site safety.

Researches 400 and 100 scale detailed stick file maps to gain information to accurately locate facilities.

May assume office duties in supervisor's absence.

Performs related duties as assigned.

DESIRED MINIMUM QUALIFICATIONS

Knowledge of:

Materials, practices and methods involved in the waterworks construction industry; materials, equipment and tools used in maintaining water and sewer lines, meters, meter boxes, hydrants and related facilities; District safety requirements and procedures; EMWD geographic service area and boundaries/sub-agency boundaries and facilities and the location of underground facilities; lateral sewer connections and water service connections; Government Code 4216; USA system and notification processes; mapping techniques; computer fundamentals; District mapping system and notification processes and law; general engineering principles and practices; techniques of work direction and employee training.

Ability to:

Read, analyze, document, evaluate and make recommendations on water and sewer facilities reports, service maps, engineering drawings, sketches, diagrams, specifications, land plats and other diagrams; accurately operate a variety of underground substructure locating equipment; use a variety of small hand tools and a two-way radio; communicate effectively both orally and in writing using clear and concise technical language; establish and maintain effective working relationships with those contacted in the course of work; follow and apply written and oral work instructions; make sound independent judgment within established guideline; train others in work processes and procedures; coordinate workloads; lead safety meetings; interpret survey staking and markup.

Training and Experience:

A typical way of obtaining the knowledge, skills and abilities outlined above is graduation from high school or G.E.D. equivalent; and five years of experience locating, inspecting or servicing sewer collection and/or water distribution systems within the EMWD service area; or an equivalent combination of training and experience.

Licenses; Certificates; Special Requirements:

A valid California driver's license and the ability to maintain insurability under the District Vehicle Insurance Policy.

PHYSICAL AND MENTAL DEMANDS

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

Physical Demands

While performing the duties of this class, employees are regularly required to stand, walk and sit; talk and hear by telephone, two-way radio or in-person; use hands to finger, handle or operate tools and controls; climb or balance; stoop, kneel, bend, crouch or crawl; drive a vehicle; and reach with hands or arms.

Specific vision abilities required by this job include close vision, distance vision, color vision, depth perception, peripheral vision and ability to adjust focus. Specific hearing abilities include the ability to hear signal warnings while operating and/or working around moving equipment, the ability to differentiate operating equipment sounds, and the ability to hear in person and by telephone.

The employee must frequently lift and/or move up to 25 pounds and occasionally up to 50 pounds.

Mental Demands

While performing the duties of this class, employees are regularly required to use oral and written communication skills; read documents and instruments; analyze and solve problems; observe and interpret data or information; use math and mathematical reasoning; learn and apply new information or skills; perform detailed work under changing deadlines; perform multiple, concurrent tasks with the possibility of interruptions; and interact with customers/citizens, some of which may be dissatisfied and/or abusive.

WORK ENVIRONMENT

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this class. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the essential duties of this class, the employee is regularly exposed to severe outdoor weather conditions; raw sewage, fumes or airborne particles, various gas lines and chemicals; vibration; and prolonged noise levels. The employee frequently works near moving mechanical parts or equipment, and on uneven or slippery surfaces. Some duties require working in high volume and high speed traffic areas.

The noise level in the workplace is usually moderately quiet; however, the noise level in the field can be occasionally loud.

Incumbents are subject to after-hours and weekend emergency call-out.

FLSA DETERMINATION: Non-exempt.