

**SENIOR ENGINEERING TECHNICIAN  
RECRUITMENT NO.: 1782010-0517-OC**

**DATE OPENED:** 05/31/17

**FILING DEADLINE:** 8am, Monday, 07/03/17

**WORK LOCATION:** Infrastructure Management  
Alfred Merritt Smith

**RECRUITER:** Stephanie Calmy

**SALARY:** \$ 32.75 per hour

**HOURS OF WORK:**4/10's,  
6am-4:30pm, M-Th

This position is located at Alfred Merritt Smith Water Treatment Facility, 243 Lake Shore Road, Boulder City, NV (Approximately 30 miles from Las Vegas, on Lake Mead, between the State of Nevada Fish Hatchery and Lake Mead Marina.)

**INTRODUCTION:** Human Resources will screen applications and supplemental questionnaires. Candidates possessing the strongest skills and experience for this position will be forwarded to the hiring department for further evaluation and to determine who will be invited to the formal interview process. The candidate hired will be required to pass a drug screening, background check and may be required to pass a job-related physical evaluation.

**GENERAL PURPOSE:** Performs advanced technical and paraprofessional engineering duties in support of a variety of engineering design and construction projects; and performs related duties as assigned.

The ideal candidate will have experience working with AutoCad processes, procedures and standards; have knowledge of a water treatment and distribution system; and the ability to establish accurate measurements and record as-built conditions for new construction and upgrade projects. A Water Distribution Operator Grade I is highly desirable.

**MINIMUM QUALIFICATIONS:** An Associate's degree in engineering or a closely related field; and five years of progressively responsible sub-professional engineering experience; or an equivalent combination of training and experience.

**NECESSARY SPECIAL REQUIREMENTS:** Some positions may require a Nevada driver's license and the ability to maintain insurability under the District's Vehicle Insurance Policy. Some positions may require the ability to obtain a Water Distribution Operator Grade II certificate issued by the State of Nevada.

**KNOWLEDGE OF:** Standard principles, practices and methods of engineering design and construction applicable to a large complex potable water utility; engineering mathematics, including algebra, geometry and trigonometry; Uniform Design and Construction Standards and building codes and environmental regulations applicable to District design and construction projects; standard principles and practices of construction management and

contract administration; permitting requirements and approval processes; methods of hydraulic analysis and modeling; methods and procedures for development of engineering design and construction specifications; terminology, methods, practices, techniques and nomenclature of civil, mechanical and/or electrical engineering drafting; digital data handling and reporting methods and software; design and operations of the District's distribution and transmission systems; applicable District operating policies and departmental work procedures and quality standards.

**ABILITY TO:** Coordinate and monitor complex technical processes related to District capital construction projects; perform highly technical engineering analyses and calculations and reach sound accurate conclusions; read, understand and interpret engineering plans, drawings, specifications, maps and other technical materials applicable to the work; operate and use a variety of field test and data collection equipment to obtain highly accurate data; utilize GIS and other engineering/facilities databases to obtain information required for the work; utilize computers and a variety of District databases to track and document facilities construction projects; communicate effectively both orally and in writing, using clear and concise technical language; perform highly detailed work thoroughly, neatly and accurately; develop and maintain effective working relationships with District staff, consulting engineers, representatives of other agencies and others encountered in the course of work.

**PHYSICAL DEMANDS:** While performing the duties of this job, the employee is regularly required to walk, stand or sit; talk or hear, both in person and by telephone; use hands to finger, handle, feel or operate computers, data acquisition and other equipment and tools; and reach with hands and arms. The employee is occasionally required to lift or move up to 50 pounds. Specific vision abilities required by this job include close vision, color vision and the ability to focus.

Full job description is available at [www.lvwaterjobs.com](http://www.lvwaterjobs.com)

\*The Las Vegas Valley Water District is an Equal Opportunity Employer.\*