POST-DOCTORAL RESEARCHER - LIMITED TERM
RECRUITMENT NO.: 1932023-1115-LT

DATE OPENED: 11/24/15
FILING DEADLINE: 8am, Thursday, 12/24/15
WORK LOCATION: Research & Development
River Mountains Water Treatment Facility

RECRUITER: Stephanie Calmy
SALARY: $73,854 annually
HOURS OF WORK: 4/10’s, 7am-5:30pm, M-Th

This position is located at:
River Mountains Water Treatment Facility
1299 Burkholder Blvd., Henderson, NV 89015

FILING DEADLINE: Position may close prior to, or be extended beyond, the posted deadline depending upon THE APPLICANT pool; therefore, APPLICANTS are encouraged to apply as soon as possible.

The term of this appointment will be a maximum of 36 months. All persons hired into Limited Term (LT) positions will be required to sign a term of employment letter specifying conditions of employment.

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 screen and comprehensive background check.

GENERAL PURPOSE: Independently conducts highly specialized research studies on raw and potable water to detect and analyze unregulated compounds and contaminants and develop methods for their detection and removal, using novel techniques and emerging technologies; assists in the design, execution and reporting on research studies and drafting of proposals for external research funding; and performs related duties as assigned.

MINIMUM QUALIFICATIONS: Graduation from a college or university with a doctorate in analytical chemistry, inorganic chemistry, engineering or another relevant scientific discipline. Knowledge and experience involving water treatment processes is required.

The ideal candidate will have a doctorate in engineering. Knowledge and experience involving advanced water treatment processes, including pilot operation, is preferred.
KNOWLEDGE OF: Theory, principles, practices, methods, chemicals and agents used in chemical and physical analysis and testing of water; water sample preparation methods; laboratory procedures for water analysis; methods and processes used in raw water treatment, including membranes, ozone, chlorine and activated carbon; federal EPA regulations and Safe Drinking Water Act; the operation and maintenance of applicable complex, laboratory instrumentation and related computer programs and software; programmable laboratory equipment; federal EPA methodologies; the use of standard laboratory glassware, beakers, flasks, pipettes, etc.; safe laboratory practices and procedures; quality control techniques.

ABILITY TO: Design and implement scientific studies and research related to the treatment and monitoring of unregulated contaminants and formation of byproducts, utilizing newly developed and emerging analytic methods and technologies; operate a computer and complex automated/programmable laboratory instrumentation; apply principles and scientific methods to the development of new methodologies for identifying unregulated compounds and contaminants; prepare accurate reports and records of test results and special analyses; conduct original research; present scientific data clearly and concisely, both orally and in writing; establish and maintain effective working relationships with co-workers, outside consultants and researchers and others encountered in the course of work.

PHYSICAL DEMANDS: While performing the duties of this class, employees are regularly required to walk; talk or hear by telephone and in person; sit; climb or balance; smell; use hands to finger, handle, feel or operate objects, tools, or controls; and reach with hands or arms. Employees are frequently required to stand. Specific vision abilities required by this job include close vision, distance vision, the ability to distinguish basic colors and shades, depth perception and the ability to adjust focus. Employees must frequently lift and/or move up to 10 pounds and occasionally up to 50 pounds.

Full job description is available at www.lvwaterjobs.com

AA/EOE/MFD