POST-DOC RESEARCHER

PostingID:  
Company: Las Vegas Valley Water District  
Position Type: Limited Term  
College Major(s): Civil Engineering  
Website: www.lvwaterjobs.com  
Work Location: Henderson, NV  
Salary: $76,236.00  
College Level(s): Graduates (Ph.D)

OVERVIEW
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.

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 demonstrated knowledge of physical, chemical, and biological treatment methods; will have demonstrated ability to communicate both orally and in writing; and will have experience performing bench, pilot, and full-scale research.

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.

Where To Apply:
Full job description is available at www.lvwaterjobs.com