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**Job Title:** Environmental Engineer/Geologist

**Agency:** Environmental Protection Agency

**Job Announcement Number:** LV-R9-DE-2016-0008

**SALARY RANGE:**

\$70,333.00 to \$91,433.00 / Per Year

**OPEN PERIOD:**

Monday, February 1, 2016 to Friday, February 5, 2016

**SERIES & GRADE:**

GS-0819/1350-11

**POSITION INFORMATION:**

Full-time - Permanent

**PROMOTION POTENTIAL:**

12

**DUTY LOCATIONS:**FEW vacancies - San Francisco, CA [View Map](#)**WHO MAY APPLY:**

Any U.S. citizen may apply.

**SECURITY CLEARANCE:**

Public Trust - Background Investigation

**SUPERVISORY STATUS:**

No

**JOB SUMMARY:**About the Agency (<http://www.epa.gov>)

Earth Day is every day at EPA! Come help us protect the environment! Our diverse workforce connects to more than just a career-we share a common passion to promote a cleaner, healthier environment. Discover how exciting safeguarding our natural resources and protecting human health can be. We consistently rank as one of the top Federal agencies in which to work, with great benefits and work flexibilities. Find yourself at EPA.

This position is located with Region 9, Water Division, Tribal and State Assistance Branch, Drinking Water Protection Section in San Francisco, CA. For more information on this office, visit their website: <http://www2.epa.gov/aboutepa/epa-region-9-pacific-southwest> (<http://www2.epa.gov/aboutepa/epa-region-9-pacific-southwest>).

This position is an interdisciplinary position which may be filled under any of the following titles and occupational series, depending on the qualifications of the applicant and the needs of the agency:

- Environmental Engineer, GS-0819
- Geologist, GS-1350

**TRAVEL REQUIRED**

- Not Required

**RELOCATION AUTHORIZED**

- No

**KEY REQUIREMENTS**

- You must be a U.S. citizen.
- If you are selected, a pre-employment background check is required.
- You must submit resume and required documents. (See How to Apply)
- Position has educational/degree requirements. (See Qualifications Section)
- All applicants must submit transcripts/course listings.
- Selectee required to complete Confidential Financial Disclosure Form.

**DUTIES:**[Back to top \(TopofPage\)](#)

At the entry level of this position, you will:

- Directly implement the Safe Drinking Water Act programs, including the Underground Injection Control and Sole Source Aquifer programs.
- Provide technical guidance and advice to a wide variety of personnel internal and external to the Agency regarding groundwater assessment and protection measures, contamination problems, ground water models, and technical documents. Represent the Agency to assigned agencies and groups on geology and environmental engineering issues related to the protection of underground sources of drinking water and sole source aquifers.
- Coordinate and evaluate regulatory actions, including permitting and compliance actions. Conduct site visits and inspections, and evaluate permit compliance data in conformance with environmental statutes, regulations, and Agency policy.
- Communicate with colleagues, agency management, and other contacts outside the Agency to gain information on geology and environmental engineering related issues.

When entering a Federal job at a grade level lower than the highest promotion potential level, you may be promoted to more complex duties and work more independently, as your career progresses.

You will spend less than 25% of your work time on contracts, grants/cooperative agreements, and/or interagency agreements.

**QUALIFICATIONS REQUIRED:**[Back to top \(TopofPage\)](#)

You need a degree or combination of education and experience as described below to qualify for this position.

**Environmental Engineer, GS-0819:** You must meet paragraph A or B to meet the basic educational requirement for this occupational series:

A. Possess a degree in professional engineering from a school of engineering with at least one or more curriculum accredited by the Accreditation Board for Engineering and Technology (ABET) as a professional engineering curriculum; or possess a degree in professional engineering that included differential and integral calculus and courses (more advanced than first-year physics and chemistry) in five of the following seven areas of engineering science or physics: (a) statics, dynamics; (b) strength of materials (stress strain relationships); (c) fluid mechanics, hydraulics; (d) thermodynamics; (e) electrical fields and circuits; (f) nature and properties of materials (relating particle and aggregate structure to properties); and (g) any other comparable area of fundamental engineering science or physics, such as optics, heat transfer, soil mechanics, or electronics.

-OR-

B. Appropriate combination of education and experience--college-level education, training, and/or technical experience that furnished: (1) a thorough knowledge of physical and mathematical sciences underlying professional engineering, and (2) a good understanding, both theoretical and practical, of engineering sciences and techniques and their applications to one of the branches of engineering. The adequacy of such background must be demonstrated by one of the following: 1) Current registration as a professional engineer by any State, the District of Columbia, Guam, or Puerto Rico; or 2) Evidence of having successfully passed the Engineer-in-Training (EIT) examination or the written test required for professional registration, which is administered by the Boards of Engineering Examiners in the various States, the District of Columbia, Guam, and Puerto Rico; or 3) Successful completion of at least 60 semester hours in the physical, mathematical, and engineering sciences and in engineering that included the courses specified in paragraph A. The courses must be fully acceptable toward meeting the requirements of a professional engineering curriculum as described in paragraph A; or 4) Successful completion of a curriculum leading to a bachelor's degree in engineering technology or appropriate professional field (e.g., physics, chemistry, architecture, computer science, mathematics, hydrology, or geology) provided the applicant has 1 year professional engineering experience acquired under professional engineering supervision and guidance.

**Geologist, GS-1350:** You must meet paragraph A or B to meet the basic educational requirement for this occupational series:

A. Possess a degree in geology, plus 20 additional semester hours in any combination of mathematics, physics, chemistry, biological science, structural, chemical, civil, mining or petroleum engineering, computer science, planetary geology, comparative planetology, geophysics, meteorology, hydrology, oceanography, physical geography, marine geology, and cartography.

-OR-

B. Appropriate combination of education and experience -- course work as shown in paragraph A, plus appropriate experience or additional education.

**Additional Qualification Requirement:** In addition to meeting at least one of the basic educational requirements listed above, you must have at least one year of specialized experience related to this position as described below.

To qualify for the GS-11 level, you must have at least one year of full time experience equivalent to the GS-09 level defined as experience performing routine work related to groundwater protection, regulation, and management under the Safe Drinking Water Act and experience performing routine technical analysis of injection well operations; -OR- 3 full years of progressively higher level graduate education leading to a Ph.D. degree or Ph.D. or equivalent doctoral degree; -OR- an appropriate combination of directly related graduate level education and specialized experience.

Experience refers to paid and unpaid experience, including volunteer work done through National Service programs (e.g., Peace Corps, AmeriCorps) and other organizations (e.g., professional; philanthropic; religious; spiritual; community, student, social). Volunteer work helps build critical competencies, knowledge, and skills and can provide valuable training and experience that translates directly to paid employment. You will receive credit for all qualifying experience, including volunteer experience.

Your answers to the on-line assessment will be used to evaluate your competencies in the following areas:

- Knowledge of Safe Drinking Water Act programs, including Underground Injection Control and Sole Source Aquifer programs.
- Knowledge of professional geology and/or environmental engineering concepts, principles, and practices.
- Knowledge of environmental regulations and policies.
- Skill in identifying and resolving drinking water problems.
- Skill in orally communicating technical and scientific information to various audiences.
- Skill in written communication to prepare a variety of technical and scientific documents.

If you are selected, you must complete a one year probationary period.

This position is designated as Moderate Risk and requires a background investigation. Unless an appropriate background investigation is already on record with the Office of Personnel Management, you must undergo a background investigation.

If you are selected, you will be required to complete a Confidential Financial Disclosure Form prior to your first day of employment and annually thereafter.

#### **HOW YOU WILL BE EVALUATED:**

We will review your resume and required documents to ensure you meet the basic qualification requirements. Your resume must address the knowledge, skills, and abilities listed in the Qualifications Section. If you meet basic qualification requirements, your application will be further evaluated based on your answers to the on-line assessment. Your responses to the on-line assessment will be used to measure the degree to which your background matches the requirements for the position. You are being evaluated under the category rating method which means, if you are determined to be qualified, you will be placed into the Best Qualified, Well Qualified, or Qualified Category.

We will compare your resume and supporting documentation to your responses on the assessment questionnaire. If you rate yourself higher than is supported by your application materials, your responses may be adjusted and/or you may be excluded from consideration for this job. We will evaluate your qualifications and eligibility and notify you if you meet minimum qualification requirements.

NOTE: We do not require a separate statement responding to the competencies, also

referred to as Knowledge, Skills and Abilities (KSAs). However, your resume should clearly show possession of these competencies.

**To preview questions please click here (<https://jobs.mgsapps.monster.com/epa/vacancy/previewVacancyQuestions.hms?orgId=1&jnum=59901>).**

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**BENEFITS:**

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You can review our benefits at: [https://help.usajobs.gov/index.php/Pay\\_and\\_Benefits](https://help.usajobs.gov/index.php/Pay_and_Benefits)  
([https://help.usajobs.gov/index.php/Pay\\_and\\_Benefits](https://help.usajobs.gov/index.php/Pay_and_Benefits))

Join EPA in protecting human health and the environment and enjoy many work life quality options! Working for the EPA offers you a comprehensive benefits package that includes, in part, paid vacation, sick leave, holidays, life insurance, health benefits, and participation in the Federal Employees Retirement System. To learn more about us, visit Life and Careers at EPA (<http://www.epa.gov/careers/>).

**OTHER INFORMATION:**

This position has portable work and selectee may be eligible to telework.

This position is in the bargaining unit.

One or more positions may be filled.

Are you a Displaced Federal Employee? If so, please read the Required Documents and visit the EPA website for additional information: [http://epa.gov/ohr/ezhire/vacancy\\_requirements.htm](http://epa.gov/ohr/ezhire/vacancy_requirements.htm) ([http://epa.gov/ohr/ezhire/vacancy\\_requirements.htm](http://epa.gov/ohr/ezhire/vacancy_requirements.htm)).

As part of the application process, you are required to submit college transcripts or a list of courses as described in the Required Documents section of this announcement. However, if you are selected, you must provide official educational transcripts before you start work with EPA. More information on verification of education can be found here: [http://epa.gov/ohr/ezhire/vacancy\\_requirements.htm](http://epa.gov/ohr/ezhire/vacancy_requirements.htm) ([http://epa.gov/ohr/ezhire/vacancy\\_requirements.htm](http://epa.gov/ohr/ezhire/vacancy_requirements.htm)).

EPA participates in e-Verify. E-Verify is an Internet based system operated by the Department of Homeland Security (DHS) in partnership with the Social Security Administration (SSA) that enables participating employers to electronically verify the

employment eligibility of their newly hired employees. For additional information: [http://epa.gov/ohr/ezhire/vacancy\\_requirements.htm](http://epa.gov/ohr/ezhire/vacancy_requirements.htm) ([http://epa.gov/ohr/ezhire/vacancy\\_requirements.htm](http://epa.gov/ohr/ezhire/vacancy_requirements.htm)).

This information is used to determine your qualifications for employment. The use of this information is authorized under Title 5 USC, Sections 3302 and 3361.

If you are selected, travel, transportation, and relocation expenses will not be paid by EPA. Any travel, transportation, and relocation expenses associated with reporting to work in this position will be your responsibility.

If you have part-time work experience, read this: [http://epa.gov/ohr/ezhire/vacancy\\_requirements.htm](http://epa.gov/ohr/ezhire/vacancy_requirements.htm) ([http://epa.gov/ohr/ezhire/vacancy\\_requirements.htm](http://epa.gov/ohr/ezhire/vacancy_requirements.htm)).

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**HOW TO APPLY:**

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You are strongly encouraged to read the entire announcement before you submit your application for this position.

To begin the application process, click the Apply On-line button to the right on this screen, follow the prompts to log-in/register, submit all required documents, and complete the assessment questionnaire. To be considered, you must submit a complete application package by 11:59 p.m. Eastern Time on the closing date of this announcement.

All required supporting documents will be collected electronically via the USA Jobs document portfolio feature.

If you cannot apply on-line, you must contact the Human Resources Office listed to the right for assistance no later than three business days prior to the closing date of this announcement. You must provide complete application materials by the closing date of this announcement.

For detailed instructions to assist you in ensuring your application package is received, go to: [http://epa.gov/ohr/ezhire/vacancy\\_requirements.htm](http://epa.gov/ohr/ezhire/vacancy_requirements.htm) ([http://epa.gov/ohr/ezhire/vacancy\\_requirements.htm](http://epa.gov/ohr/ezhire/vacancy_requirements.htm)).

**REQUIRED DOCUMENTS:**

Documents to be submitted on-line:

--Resume clearly stating your experience related to this position as described in the Duties Section and Qualifications Required Section. In describing your experience, you need to be clear and specific. We may not make assumptions regarding your experience.

--Responses to the on-line assessment questionnaire.

--College transcripts - required to submit either unofficial transcripts or a list of courses that includes school(s) attended, school address, course title, grades earned, completion dates, department, and quarter or semester hours earned.

--If qualifying for this position based on education or a combination of experience and education, you are required to submit either unofficial transcripts or a list of courses that includes school(s) attended, school address, course title, grades earned, completion dates, department, and quarter or semester hours earned.

--Veterans' Preference Documents - DD-214 Member 4 copy, VA Letter, and SF-15, if applicable; active duty military submit statement of service from commanding officer documenting dates of active duty and any campaign medals/badges; include character of service.

--Displaced Federal employees under ICTAP/CTAP - copy of your most recent performance appraisal, proof of eligibility, and your most current SF-50 noting position, grade level, tenure, and duty station.

Additional information can be found on our web site: [http://epa.gov/ohr/ezhire/vacancy\\_requirements.htm](http://epa.gov/ohr/ezhire/vacancy_requirements.htm) ([http://epa.gov/ohr/ezhire/vacancy\\_requirements.htm](http://epa.gov/ohr/ezhire/vacancy_requirements.htm)).

### **AGENCY CONTACT INFO:**

Dominique Sandoval

Phone: 702-798-2401 

Fax: 702-798-2433 

TDD: 702-798-2421 

Email: [TeamVegas@epa.gov](mailto:TeamVegas@epa.gov)

Agency Information:

Environmental Protection Agency

US Environmental Protection Agency

Human Resources Management Division

4220 S. Maryland Parkway, Building A, Suite 100

Las Vegas, NV

89119-7528

US

Fax: 702-798-2433

**WHAT TO EXPECT NEXT:**

You can track the progress of your application package via your USAJobs account. You will receive an acknowledgement from USAJobs that your submission was successful, once we have received your on-line occupational questionnaire, resume and any supporting documentation. You will be notified of the status of your application via your USAJobs Account after we conduct a qualification review of your complete application package. You will be contacted if further evaluation or interviews are required. Any exaggeration of your experience, false statements, or attempt to conceal information may disqualify you for employment consideration. We may verify all information you provide in your resume and questionnaire responses, through reference and/or background check, and/or verification of your education. If you are selected, you will be contacted personally by the human resources office posting this announcement.

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This is a United States [Office of Personnel Management \(http://www.opm.gov/\)](http://www.opm.gov/) website.

USAJOBS is the Federal Government's official one-stop source for federal jobs and employment information.