



# EXAM ANNOUNCEMENT

The State of California is an equal opportunity employer to all, regardless of age, ancestry, color, disability (mental and physical), exercising the right to family care and medical leave, gender, gender expression, gender identity, genetic information, marital status, medical condition, military or veteran status, national origin, political affiliation, race, religious creed, sex (includes pregnancy, childbirth, breastfeeding and related medical conditions), and sexual orientation.

## ENGINEERING GEOLOGIST OPEN - CONTINUOUS TESTING

### DEPARTMENTAL FOR STATE WATER RESOURCES CONTROL BOARD

All competitors who are successful in this examination will be eligible to be considered for a job opening with the State Water Resources Control Board (SWRCB) and the nine (9) Regional Water Quality Control Boards (RWQCB) (collectively the Water Boards).

#### HOW TO APPLY

Candidates who meet the minimum qualifications as stated below may take this examination. All applicants must meet the education and/or experience requirements as stated on this examination announcement. Meeting the minimum qualifications does not assure you a place on the eligibility list.

To apply for this examination, you must submit a complete examination application package. (Failure to provide a complete package could result in substantial delays in establishing your eligibility for employment.) The package is comprised of the following documents:

- **Standard State Application** <http://jobs.ca.gov/pdf/std678.pdf>
- **Training & Experience Exam** [http://www.waterboards.ca.gov/about\\_us/employment/docs/eg\\_exam.docx](http://www.waterboards.ca.gov/about_us/employment/docs/eg_exam.docx)
- **Photocopies of both official transcripts and degree**

Mail complete package to:

STATE WATER RESOURCES CONTROL BOARD  
HUMAN RESOURCES – EXAM UNIT  
1001 I STREET, 18<sup>TH</sup> FLOOR  
SACRAMENTO, CA 95814

**Do not send applications to the California Department of Human Resources.**

#### TEST DATES

Testing is considered continuous as dates can be set at any time and eligible lists are merged.

**A candidate may be tested only once within a 12-month period.** Therefore, if you are unsuccessful in this examination, you must wait 12 months to re-compete. If a candidate submits a second examination prior to the expiration of the 12 months, it will not be accepted.

#### EXAMINATION INFORMATION

INTERVIEWS WILL NOT BE HELD. This examination will consist of the Training and Experience questionnaire weighted 100%. To obtain a position on the eligibility list, applicants must achieve a minimum rating of 70% on the training and experience examination. This examination is designed to elicit a range of specific information regarding each applicant's knowledge, abilities, and potential to effectively perform the duties of an Engineering Geologist. Examination results will be mailed to your home.

#### SALARY RANGES

Range A	\$4,760 - \$5,675
Range B	\$5,450 - \$6,819
Range C	\$6,708 - \$8,400
Range D	\$7,156 - \$8,961

#### RANGE A

This range shall apply to incumbents who do not meet the criteria for Range B, C or D.

#### RANGE B

This range shall apply to incumbents who have satisfactorily completed either (1) one year in California state service as an Engineering Geologist, Range A; or (2) two years of professional engineering geological experience including one year of actual detailed field study applicable to the solution of groundwater or civil engineering problems; or (3) possession of a Master's Degree in Geology or Engineering Geology. This is in addition to any degree used to qualify for the Engineering Geologist examination.

#### RANGE C

This range shall apply to incumbents who have satisfactorily completed either (1) two years in the California state service as an Engineering Geologist, Range B; or (2) four years of professional engineering geological experience outside of the state service, including two years of actual detailed field study applicable to the solution of groundwater or civil engineering problems.

#### RANGE D

This range will apply to incumbents who meet the criteria for Range C and who possess a valid certificate of registration as a professional geologist or geophysicist issued by the California Board of Geologists and Geophysicists.

**REQUIREMENTS FOR  
ADMITTANCE TO  
THE EXAMINATION**

It is your responsibility to make sure you meet the education requirements stated on this bulletin. Your signature on your application indicates you have read, understood and possess the basic qualifications required. **Your responses are subject to verification.** Applicants are required to provide documentation of all education (**official transcripts and a diploma verifying your major field of study**) and/or any other documentation necessary to verify your responses to the State Water Resources Control Board's Human Resources Office. Providing false information on a State examination is a violation of State law, and could result in an individual being removed from an employment list and banned from future employment with the State.

**MINIMUM  
QUALIFICATIONS****EDUCATION**

Equivalent to graduation from college with major work in geology, engineering geology, or a closely related field that includes course work in geology. (Additional qualifying experience may be substituted for the required education on a year-for-year basis.) (Registration as a senior in a recognized institution will admit applicants to the Engineering Geologist examination, but they must produce evidence of graduation or its equivalent before they can be considered eligible for appointment.)

**THE POSITION**

A Engineering Geologist performs hydrologic and engineering geology duties related to Federal and State environmental requirements. Duties may include review, design, evaluation and citing of facilities, oversee or conduct field activities, monitoring and clean-up of pollution. May include inspections, and the review and preparation of geological reports.. Tasks may include evaluation of stream alteration & flow, groundwater discharges to surface water, erosion control and other related work as required.

**KNOWLEDGE OF**

1. Stratigraphic structural, historical, and economic geology as related to civil engineering projects.
2. Geological processes and survey techniques, equipment, and procedures.
3. Fundamental principles of mineralogy, petrography, soil mechanics, and hydrogeology.
4. Photogeology, geological mapping and drafting, and the application of geology to engineering problems.
5. Geological literature.
6. Subsurface exploration and sampling procedures.

**ABILITY TO**

1. Conduct geological and geophysical exploration investigations.
2. Conduct independent technical research work.
3. Make, record, and evaluate observations on geological engineering problems.
4. Make accurate tests, observations, and measurements.
5. Analyze situations accurately and take effective action.

**ELIGIBLE LIST**

Names of successful competitors are merged onto the list in order of final scores, regardless of date. Eligibility expires after 12 months. Once your eligibility expires, you must reapply by submitting a new package. Please be aware that placement on the list does not guarantee you will be selected for a job.

**VETERANS  
PREFERENCE**

Will be granted in this examination.

**CONTACT  
INFORMATION**

State Water Resources Control Board, Exam Unit at (916) 341-5127 or [exams@waterboards.ca.gov](mailto:exams@waterboards.ca.gov).

**GENERAL INFORMATION**

**The State Water Resources Control Board** reserves the right to revise the examination plan to better meet the needs of the service if the circumstances under which this examination was planned change. Such revision will be in accordance with civil service laws and rules and all competitors will be notified.

**If you meet the requirements** stated on this bulletin, you may take this examination, which is competitive. Possession of the entrance requirements does not assure a place on the eligible list. Your performance in the examination will be compared with the performance of the others who take this test, and all candidates who pass will be ranked according to their score.

**General Qualifications:** Candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgment, and ability to work cooperatively with others; and a state of health consistent with the ability to perform the assigned duties of the classification. A medical examination may be required. In open examinations, investigation may be made of employment records and personal history and fingerprinting may be required.

**Eligible lists:** Eligible lists established by competitive examination, regardless of date, must be used in the following order:

1. Sub-divisional promotional,
2. Departmental promotional,
3. Multi-departmental promotional,
4. Service-wide promotional,
5. Departmental open,
6. Open.

When there are two lists of the same kind, the older must be used first.

**Veterans Preference** in open, non-promotional examinations is granted to:

1. Any veteran,
2. Widow or widower of a veteran or
3. Spouse of a 100 percent disabled veteran

Candidates who meet the above criteria and achieve a passing score in the examination, shall be ranked in the top rank of the resulting eligibility list. Any veteran who has been dishonorably discharged or released is not eligible for veteran's preference. Veterans Preference is not granted once a person achieves permanent civil service status.

**Application:** Standard State Applications (std. 678) <http://jobs.ca.gov/Profile/StateApplication> or are available at the California Department of Human Resources located at 1810 16<sup>th</sup> Street, Sacramento CA 95811, local offices of the Employment Development Department and the testing department listed on the job bulletin.

**Veterans Preference Information:** Available at <http://jobs.ca.gov/Job/VeteransInformation> or you can contact the California Department of Human Resources at (866) 844-8671.

**Contact Information:** You are responsible for keeping your contact information up to date. This can be done by connecting to <http://jobs.ca.gov/> and logging into your account.

TDD is Telecommunications Device for the Deaf and is reachable only from phones equipped with a TDD Device.

California Relay Telephone Service for the Deaf or Hearing Impaired.

From TDD phones: 1-800-735-2929

From voice phones: 1-800-735-2922