



# DEPARTMENT OF WATER RESOURCES EXAMINATION ANNOUNCEMENT



The Department of Water Resources offers Equal Opportunity for all regardless of race, color, creed, national origin, ancestry, sex, marital status, disability, religious or political affiliation, age, or sexual orientation.

It is an objective of the State of California to achieve a drug-free State workplace. Any applicant for State employment will be expected to behave in accordance with this objective because the use of illegal drugs is inconsistent with the law of the State, the rules governing civil service and the special trust placed in public servants.

## ENVIRONMENTAL SCIENTIST OPEN EXAMINATION CONTINUOUS

### FINAL FILING DATE CONTINUOUS FILING

Application form (STD 678) will be accepted on a continuous basis and will be held until an examination is scheduled. Test dates are established by the Department of Water Resources. Testing is considered continuous as dates can be set at any time and the eligible list is merged. Once examination date(s) have been established, subsequent applications received will be held until the next administration of the examination. Faxed or photocopied applications must be followed by an application with an original signature in order to be accepted into the exam.

**WHO SHOULD APPLY** This is an open examination. Applications will not be accepted on a promotional basis. Career Credits do not apply. **Candidates who have already submitted an application for this examination do not need to re-apply.**

**HOW TO APPLY** Submit applications to:  
  
Department of Water Resources  
P.O. Box 942836  
1416 9th Street, Room 320  
Sacramento, CA 94236-0001

Applications may be delivered in person to the street address above.

**DO NOT SUBMIT APPLICATIONS TO THE STATE PERSONNEL BOARD**

**IDENTIFICATION REQUIRED** Accepted applicants are required to bring either a photo identification card or two forms of signed identification to each phase of the examination.

**SPECIAL TESTING ARRANGEMENTS** If you have a disability and need special testing arrangements, mark the appropriate box in Question 2 of the "Application for Examination". You will be contacted to make specific arrangements.

**SALARY RANGE**  
**Range A: \$3077 - \$3698**  
**Range B: \$3738 - \$4503**  
**Range C: \$4730 - \$5711**

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

Range B. One year of satisfactory experience in the California state service performing duties comparable to an Environmental Scientist, Range A; or two years of professional scientific experience in environmental analysis research, management, planning, regulations, or investigations outside of the California state service. Possession of a master's degree in a biological, chemical, physical, or environmental science, or a closely related scientific discipline will substitute for the required experience.

Range C. Two years of satisfactory experience in the California state service performing duties comparable to an Environmental Scientist, Range B; or three years of professional scientific experience in environmental analysis, research, management, planning, regulation, or investigation outside of the California state service. Possession of a master's degree in a natural, physical, or environmental science, or a closely related scientific discipline may be substituted for one year of experience. Possession of a doctorate degree in a biological, chemical, physical, or environmental science, or a closely related scientific discipline may be substituted for two years of the experience.

**SEE REVERSE SIDE FOR ADDITIONAL INFORMATION**

**ENVIRONMENTAL SCIENTIST  
OPEN EXAMINATION**

**CONTINUOUS**

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**ELIGIBLE LIST  
INFORMATION**

A departmental open eligible list will be established for the Department of Water Resources. Names of successful competitors will be merged onto the list in order of final scores. Eligibility for new candidates will expire after **24 months**, and competitors may test only once during a **12-month testing period**.

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**EXAMINATION DATE  
FOR THIS TESTING  
PERIOD**

**March 8, 2008**

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**REQUIREMENTS  
FOR ADMITTANCE  
TO THE  
EXAMINATION**

Note: All applicants must meet the minimum education and/or experience requirements for the examination by the announced written test date for each testing period.

**Education:** Possession of a bachelor's or advanced degree with a major in a biological, chemical, physical, or environmental science, or a closely related scientific discipline. (Admission to a masters or doctoral degree program in a biological, chemical, physical, or environmental science, or a closely related scientific discipline shall be considered to meet these education qualifications.)

(Registration as a senior in a recognized institution will admit applicants to the examination, but they must product evidence of a degree before they can be considered eligible for appointment.)

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**POSITION  
DESCRIPTION**

An Environmental Scientist, under close supervision, performs a variety of the less difficult and responsible professional scientific office and field work. Incumbents gather data on environmental issues; perform preliminary environmental analysis, research, surveys, investigations, and studies of less difficulty; prepares drafts of reports and correspondence.

**Positions exist statewide with the Department of Water Resources.**

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**EXAMINATION  
INFORMATION**

This examination will consist of a **Written Test - Weighted 100%**. In order to obtain a position on the eligible list, a minimum rating of 70.00% must be attained.

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**SCOPE OF  
EXAMINATION**

**Written Test – Weighted 100.00%**

**A. Knowledge of:**

1. Basic principles of land, water, fish, wildlife, vegetation, and other natural resources.
2. Broad principles of environmental impacts assessment; land-use practices with references to their general effect on human health and the environment; and, effects of waste material and water quality and their interactions on the environment.
3. Principles of ecology.
4. Broad principles of biology, chemistry, and earth sciences.
5. Broad principles of statistical methods of environmental sampling and analysis.
6. State and Federal environmental rules, regulations, and requirements.

**B. Ability to:**

1. Collect environmental data using scientific methods and techniques.
  2. Analyze and evaluate data and reach scientifically supportable conclusions.
  3. Review, check, and interpret scientific and environmental reports.
  4. Develop, write, and prepare clear, complete, and technically accurate reports.
  5. Analyze situations and take appropriate actions.
  6. Establish and maintain working relations and effective communications with all persons contacted.
  7. Understand and comply rules, regulations, policies, and requirements of State and Federal environmental protection laws and resource management programs.
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**VETERANS  
PREFERENCE**

Veterans Preference Credit will be added to the final score of competitors who are successful in this examination and who qualify for, and have requested these points through the State Personnel Board. Due to changes in the law, which were effective January 1, 1996, **VETERANS WHO HAVE ACHIEVED PERMANENT CIVIL SERVICE STATUS ARE NOT ELIGIBLE TO RECEIVE VETERANS CREDIT.**

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**GENERAL INFORMATION**

The Department of Water Resources 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.

It is the candidate's responsibility to contact the Recruitment and Selection Services Section of the Department of Water Resources, (916) 653-4838 three weeks after the final filing date if he/she has not received a progress notice.

Applications are available at Department of Water Resources' offices, local offices of the Employment Development Department, the State Personnel Board, and the SPB web site: [www.spb.ca.gov](http://www.spb.ca.gov).

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

**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.

**Examination Locations:** Ordinarily, qualifications appraisal interviews are scheduled in Sacramento and Los Angeles. However, locations of interviews may be limited or extended as conditions warrant.

If a candidate's notice of oral interview fails to reach him/her prior to the day of the interview due to a verified postal error, he/she will be rescheduled upon written request.

**Interview Scope:** When an interview is conducted, in addition to the scope described on this bulletin, the panel will consider education, experience, personal development, personal traits, ability and fitness. In appraising experience, more weight will be given to the breadth and recency of pertinent experience and evidence of the candidate's ability to accept and fulfill increasing responsibilities than to the length of his/her experience. Evaluation of a candidate's personal development will include consideration of his/her recognition of his/her own training needs; his/her plans for self-development; and the progress he/she has made in his/her efforts toward self-development.

**Eligible Lists:** Eligible lists established by competitive examination, regardless of date, must be used in the following order: 1) subdivisional promotional, 2) departmental promotional, 3) multidepartmental promotional, 4) servicewide promotional, 5) departmental open, 6) open eligible list. When there are two lists of the same kind, the older must be used first. Eligible lists will expire in one to four years unless otherwise stated on this bulletin. In the case of continuous testing examinations, names are merged into the appropriate lists in order of final test scores (except as modified by veterans preference credits) regardless of the date of the test, and the resulting eligible lists will be used only to fill vacancies in the area shown on the bulletin.

**Career Credits:** In open, non-promotional examinations, career credits are granted to: 1) State employees with permanent civil service status, 2) full-time employees of the State who are exempt from State civil service pursuant to the provisions of Section 4 of Article VII of the California Constitution, and who meet all qualification requirements specified by the Board and have 12 consecutive months of service in an exempt position, and 3) individuals who have served one full year in, or are graduates of, the California Conservation Corps (eligibility shall expire 24 months after graduation from the California Conservation Corps). Three points are added to the final test score of those candidates who meet the above criteria, and who are successful in the examination. Such examinations cannot be for managerial positions described in Government Code Section 3513. Competitors not currently employed in State civil service who have mandatory reinstatement rights may be eligible for career credits, but they must explain their civil service status in the appropriate section of the application Form 100-678. (Section 4 of Article VII of the California Constitution is posted at the State Personnel Board, 801 Capitol Mall, Sacramento).

**Devices for Communications Impairment**

TDD is Telecommunications Device for the Deaf and is reachable only from phones equipped with a TDD Device. TDD: (916) 653-1804; California Relay Service: 1-800-735-2929 (TDD); 1-800-735-2922 (Voice)

For information regarding this examination, please contact Tony Reis at (916) 653-7109.