



Environmental Scientist

0762 – 4PB09

Department(s): California Governor’s Office of Emergency Services
California Coastal Commission
California Energy Commission
Delta Stewardship Council
Department of Fish and Wildlife
Department of Food and Agriculture
Department of Forestry and Fire Protection (CAL FIRE)
Department of Parks and Recreation
Department of Pesticide Regulation
Department of Public Health
Department of Resources Recycling and Recovery (CalRecycle)
Department of Toxic Substances Control
Department of Water Resources
Military Department
Natural Resources Agency
Sacramento-San Joaquin Delta Conservancy
State Lands Commission
Water Resources Control Board

Opening Date: 1/26/17

Final Filing Date: Continuous

Type of Examination: Open, multi-departmental

EQUAL EMPLOYMENT OPPORTUNITY

The State of California is an equal opportunity employer to all, regardless of age, ancestry, color, disability (mental and physical), exercising the right of 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.

DRUG-FREE STATEMENT

It is an objective of the State of California to achieve a drug-free state work place. 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.

WHO SHOULD APPLY?

Applicants who meet the Minimum Qualifications as stated on this bulletin may apply for and take this Training and Experience Evaluation at any time.

Once you have taken the Training and Experience Evaluation, you may not retake it for twelve (12) months.

SPECIAL TESTING ARRANGEMENTS

If you require special testing arrangements due to a verified disability, medical condition, or religious accommodation, please contact us.

If you have any questions, please contact the:

California Department of Human Resources' Contact Center at 1-866-844-8671

OR

California Relay Service at 7-1-1

Telecommunications Device for the Deaf (TTY) at (916) 654-6336*

(*) TTY is a telecommunications device that is reachable only from telephones equipped with a TTY device.

ELIGIBLE LIST INFORMATION

An open, merged eligible list will be established by the California Department of Human Resources for use by other State departments. The names of successful competitors will be merged onto the eligible list in order of final score regardless of test date. Eligibility expires twelve (12) months after it is established. Competitors must then retake the Training and Experience Evaluation to reestablish eligibility.

REQUIREMENTS FOR ADMITTANCE TO THE EXAMINATION

NOTE: All applicants must meet the education and/or experience requirements as stated on this examination bulletin as of the date the test is taken.

MINIMUM QUALIFICATIONS

All Levels:

Education: Possession of a bachelor's or advanced degree with a major in a biological, chemical, physical, or environmental science, soil science, water science, hydrology, agronomy, natural resource science, environmental or public health, physical geography, or a closely related scientific discipline. (Admission to a masters or doctoral degree program in a biological, chemical, physical, or environmental science, soil science, water science, hydrology, agronomy, natural resource science, environmental or public health, physical geography, or a closely related scientific discipline shall be considered to meet these education qualifications.)

Environmental Scientist

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

POSITION DESCRIPTION

This class is the entry, intermediate working, and journey level of the series. Range A is the entry and first working level of the class. Under close supervision, incumbents perform a variety of the less difficult and responsible professional scientific office and field work. In accordance with detailed instructions and specific standards, incumbents gather data on public health, environmental, agricultural productivity, and natural resource management issues; perform preliminary environmental analysis, research, surveys, investigations, and studies of less difficulty; prepare preliminary drafts of reports; prepare drafts of routine correspondence; answer questions of a routine and minor nature from the public; prepare regulatory and compliance documents; and do other related work. Work at this level is characterized by a reliance on detailed instructions and assistance from lead persons and supervisors in the application of proven techniques and methodologies to assigned work.

Range B is the intermediate working level of the class. Under general supervision, incumbents perform a variety of responsible scientific professional office and field work. Incumbents gather data on public health, environmental, agricultural productivity, and natural resources management issues; perform environmental analysis, research, surveys, investigations, and studies of average difficulty; write preliminary reports; prepare routine correspondence

and answer questions of a routine nature from the public and other governmental entities and agencies; prepare regulatory and compliance documents; enforce environmental laws and regulations; and do other related work. Work at this level is characterized by a reliance on proven techniques and methodologies.

Range C is the journey level. Under direction, incumbents perform a variety of responsible professional scientific office and field work. Incumbents independently perform assigned public health, environmental, agricultural productivity, and natural resource management analysis, research, surveys, investigations, and studies; write final reports; prepare regulatory and compliance documents; enforce environmental law and regulations; prepare non-routine correspondence and answer non-routine questions from the public; and do other related work. Incumbents allocated to this level perform a variety of tasks including the more responsible, varied, and complex assignments; incumbents may provide consultative advice to various governmental entities and agencies. Work at this level is often characterized by independent development and use of techniques and methodologies. Incumbents may be assigned lead responsibility for a specific project.

EXAMINATION INFORMATION

TRAINING AND EXPERIENCE EVALUATION – Weighted 100%

The examination will consist solely of a Training and Experience Evaluation. To obtain a position on the eligible list, a minimum score of 70% must be received. An applicant will receive his/her score upon completion of the Training and Experience Evaluation process.

[Click here to preview the Training and Experience Evaluation.](#)

KNOWLEDGE AND ABILITIES

Knowledge of:

1. Quality assurance and/or quality control procedures for scientific projects.
2. Data collection techniques to ensure the accurate collection of data for research and monitoring activities.
3. Basic principles of land, water, fish, forestry, wildlife, and other natural resources.
4. Basic laboratory procedures to ensure the appropriate collection, analysis, and interpretation of environmental samples.
5. Basic scientific research principles and methods to ensure the integrity and validity of collected data.
6. Principles of biology, chemistry, and/or physics pertaining to environmental science and environmental health.
7. Basic biological, physical, and/or chemical testing standards and/or methods.

Ability to:

1. Collect environmental, regulatory, and scientific samples by following data collection procedures and protocols.
2. Conduct scientific studies and research for environmental analyses.
3. Analyze and interpret scientific data to extract or identify key issues and draw conclusions.
4. Observe, accurately record, and recall pertinent facts and details when conducting investigations, evaluations, inspections, and research.
5. Read and evaluate written documents of varying complexity for consistency with the goals, policies, and procedures of environmental and/or departmental programs.
6. Extract specific, relevant data and information from a larger body of material to summarize information.
7. Exercise sound judgment when making decisions in accordance with program or work unit goals and objectives.
8. Review and interpret scientific and environmental reports to make recommendations based upon documented data and information.
9. Interpret quantitative or statistical data in order to extract key information and make valid inferences.
10. Write complex scientific and technical documents (e.g., reports, project summaries, program status reports)

to clearly communicate methods, analyses, findings, and recommendations.

11. Use the internet to conduct on-line research and obtain information related to departmental policies, procedures, and resources to complete program or project activities.
12. Follow written and oral instructions, directions, guidelines, and procedures in the completion of assignments.

VETERANS' PREFERENCE

Veterans' Preference will be granted for this examination. Effective January 1, 2014, in accordance with Government Codes 18973.1 and 18973.5, whenever any veteran, widow or widower of a veteran, or spouse of a 100 percent-disabled veteran achieves a passing score on an open examination, he or she shall be ranked in the top rank of the resulting eligibility list. This section shall not apply to any veteran who has been dishonorably discharged or released.

CAREER CREDITS

Career Credits **will not** be added to the final score for this exam, because it does not meet the requirements to qualify for Career Credits.

CONTACT INFORMATION

If you have any questions concerning this announcement, please contact:

The California Department of Human Resources Selection Division

1515 S Street, North Building, Suite 400

Sacramento, CA 95811-7258

1-866 844-8671

California Relay Service: (7-1-1)

Telecommunications Device for the Deaf (TTY) (916) 654-6336

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GENERAL INFORMATION

Applications are available at www.jobs.ca.gov and local offices of the Employment Development Department.

If you meet the requirements stated on this examination 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 described on this bulletin will be rated against a predetermined job-related rating, and all candidates who pass will be ranked according to their scores.

The California Department of Human Resources reserves the right to revise the examination plan to better meet the needs of the service, should 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.

Candidates needing special testing arrangements due to a disability must mark the appropriate box on the application and contact the testing department.

Hiring Interview Scope: In a hiring interview, in addition to the scope described in this bulletin, the panel will consider education, experience, personal development, personal traits, and fitness. In appraising experience, more weight may 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. For more information, you may refer to the classification specification at <http://www.calhr.ca.gov/state-hr-professionals/pages/0762.aspx>.

General Qualifications: Candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgment, the ability to work cooperatively with others, and a state of health consistent with the ability to perform the assigned duties of the class. 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, and 6) open. 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 the bulletin.

Veterans' Preference: Effective January 1, 2014, in accordance with Government Codes 18973.1 and 18973.5, Veterans' Preference will be awarded as follows: 1) Any veteran, widow or widower of a veteran, or spouse of a 100 percent disabled veteran, who achieves a passing score in an entrance 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 Veterans' Preference. 2) An entrance examination is defined, under the law, as any open competitive examination. And 3) Veterans' Preference is not granted once a person achieves permanent civil service status.

Veteran status is verified by the California Department of Human Resources (CalHR). Directions to apply for Veterans' Preference are on the Veterans' Preference Application (Std. Form 1093), which is available at <http://jobs.ca.gov/Public/Jobs/Veterans.aspx>, and the Department of Veterans Affairs.

Bulletin Revision Date: 1/24/2017

FILING INSTRUCTIONS

Final Filing Date: Continuous

When you click the link below, you will be directed to the Training and Experience Evaluation. At the end of the Training and Experience Evaluation, it will be instantly scored.

***Please remember to print a copy of your exam results for your records. It may take up to 5 business days for eligibility records to appear in your CalCareer profile.**

[Click here to go to the Environmental Scientist Training and Experience Evaluation.](#)

SUGGESTED RESOURCES TO HAVE AVAILABLE WHEN BEGINNING EVALUATION

Employment History: Job Titles, organization names and addresses, names of supervisors or persons who can verify your job responsibilities, and phone numbers of listed persons.

Education History: Names of college courses that are relevant to the tasks listed in the evaluation.