CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

State Water Resources Control Board
Regional Water Quality Control Boards

1001 I Street, Sacramento, CA 95814
(916) 341-5127
exams@waterboards.ca.gov

ENGINEERING GEOLOGIST EXAMINATION
INTRODUCTION

The State Water Resources Control Board's, Engineering Geologist (Range A, B, C and D) examination consists entirely of a **TRAINING AND EXPERIENCE EXAMINATION,** which will be used to evaluate your education, training, experience and familiarity with or understanding of a particular subject or task. Candidates who meet the minimum qualifications as listed in the examination bulletin may take this examination. Meeting the minimum qualifications **does not** assure you a place on the eligible list.

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 and the nine (9) Regional Water Quality Control Boards. The eligible list consists of 3 ranks and will remain in existence for 1 year. Once your eligibility expires, you must reapply by submitting a new examination. Please be aware that placement on the eligibility list does not guarantee that you will be selected for a job opening.

As this examination is administered on a periodic basis, **candidates may participate only once during 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.

Your responses are subject to verification. Applicants successful in this examination will be required to provide to the Personnel Office documentation of all education **(transcripts and a diploma verifying your major field of study)** and other documentation necessary to verify your responses. 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.

Veteran's Preference Points – Are you a veteran, disabled veteran, spouse of a disabled veteran or widow of a veteran and have not previously been a permanent State of California employee? You may obtain a Veteran's Preference Eligibility form by accessing the California Department of Human Resources website at http://jobs.ca.gov/Job/VeteransInformation or by calling (916) 341-5127. Instructions on how to apply for the additional points are on the form.

Contact Information – You are responsible for keeping your contact information up to date.

To update your name, address, phone number or location preference you must log on to **www.jobs.ca.gov** and log in to your account.

(Please note: These changes MUST be made in writing and cannot be made by phone.)

RETAIN THIS PAGE FOR YOUR RECORDS

ENGINEERING GEOLOGIST

TRAINING AND EXPERIENCE EXAMINATION

Thank you for your interest in California State civil service employment. The State of California is an Equal Employment Opportunity Employer. The Engineering Geologist examination will consist of a supplemental application/examination, which will be used to evaluate your knowledge, experience, education, training, familiarity or understanding of a particular subject or issue.
This is a scored test and will account for 100% of your score. It is important that you fill the examination out completely and accurately. YOUR RESPONSES ARE SUBJECT TO VERIFICATION.
To process your application and conform to requirements for statistical information from a number of State and Federal agencies, we need your Social Security Number, age, ethnic, disability, and gender information.

LAST NAME:_____FIRST NAME AND MI:_____
Please Print Please Print

STREET ADDRESS:_____

CITY:_____STATE:_____ZIP CODE:_____
Please Print

HOME PHONE: (_____) _____-_____

SOCIAL SECURITY #:_____
(Providing your Social Security Account Number is voluntary in accordance with the Federal privacy act of 1974 (PL-93-579). In this exam, your Social Security Number is required to process applications for Veteran's Preference Points, check for eligibility to retake the examination, and verify statements regarding prior employment. Your Social Security Number is used as your identification number for all exams. Failure to provide your SSN could result in substantial delays in establishing your eligibility for employment.)

This question applies to individuals who have been previous State of California employees. Rule 211 provides that a DISMISSED State employee (an employee who previously worked for the State of California and was dismissed) may only participate in State Civil Service examinations if he or she has obtained prior consent from the State Personnel Board. If this pertains to you, do you have written permission from the State Personnel Board Executive Officer to take this examination?

☐ Yes **(Letter of permission must be attached)** ☐ No ☐ Not Applicable

IF YOU WERE DISMISSED AND DO NOT HAVE PERMISSION FROM THE EXECUTIVE OFFICER OF THE STATE PERSONNEL BOARD TO TAKE THIS EXAMINATION, STOP HERE! DO NOT TAKE THIS EXAMINATION! You must receive permission and attach letter to this examination.

THIS AFFIRMATION MUST BE COMPLETED:
I hereby certify and understand that the information provided by me on this questionnaire is true and complete to the best of my knowledge and contains no willful misrepresentation or falsifications. I also understand that if it is discovered that I have made any false representations I will be removed from the list resulting.

Signature (REQUIRED)_____

RETURN ALL COMPLETED FORMS AND THE EXAMINATION TO:
State Water Resources Control Board
Human Resources Branch – Exam Unit
1001 I Street, 18th Floor
Sacramento, CA 95814
YOUR EXAMINATION RESULTS WILL BE MAILED TO YOUR HOME.

AGE, ETHNICITY, AND DISABILITY FORM

The information collected on this page will be filed separately and only used for the purposes specified.

To aid the State of California in its commitment to equal employment opportunity, all applicants are asked to voluntarily provide gender, age, ethnic, and disability information for statistical analysis.

Age - Select the age group that corresponds to your age

1☐ Under 21	3☐ 30 - 39	5☐ 50 - 59	7☐ 70 and over
2☐ 21 - 29	4☐ 40 - 49	6☐ 60 - 69	

Specify your gender: ☐ Male ☐ Female

Specify your ethnicity

1☐ **Black**—Persons having origins in any of the black racial groups of Africa.

2☐ **Asian**—Persons having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent. This includes China, Japan and Korea.

4☐ **Hispanic**—Persons of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race.

5☐ **White**—Persons having origins in any of the original peoples of Europe, North Africa, or the Middle East.

6☐ **Pacific Islander**—Persons having origins in the Pacific Islands, such as Samoa.

7☐ **American Indian or Alaskan Native**—Persons having origins in any of the tribal peoples of North America, and who maintain cultural identification through tribal affiliation or community recognition.
ENTER TRIBAL IDENTIFICATION OR AFFILIATION
_____

8☐ **Filipino**—Persons having origins in any of the original peoples of the Philippine Islands.

3☐ **Other**—Not Listed
(specify)_____

Y☐ **DISABLED—**A person with a disability is an individual who (1) has a physical or mental impairment that substantially limits one or more life activities, such as walking, speaking, breathing, performing manual tasks, seeing, hearing, learning, caring for oneself or working,…; (2) has a record of such an impairment; or (3) is regarded as having such an impairment.

HOW DID YOU LEARN OF THIS EXAMINATION?

☐ JOB FAIR AT _____
☐ ADVERTISEMENT IN _____
☐ WORD OF MOUTH
☐ EXAMINATION BULLETIN LOCATED AT _____
☐ INTERNET

THANK YOU FOR COMPLETING THIS QUESTIONNAIRE

YOUR NAME (PLEASE PRINT):_____

LOCATION PREFERENCE

Please indicate ANY and ALL locations where you would like to work by marking the box(s).

☐ **– All locations (If checked, no further selections will be necessary)** [5]

☐ – **State Board** Sacramento (3400)

☐ – **Region 1** Santa Rosa (4905)

☐ – **Region 2** Oakland (0110)

☐ – **Region 3** San Luis Obispo (4000)

☐ – **Region 4** Los Angeles (1900)

☐ – **Region 5** Sacramento (3400)

☐ – **Region 5F** Fresno (1000)

☐ – **Region 5R** Redding (4504)

☐ – **Region 6S** South Lake Tahoe (0903)

☐ – **Region 6V** Victorville (3627)

☐ – **Region 7** Palm Desert (3307)

☐ – **Region 8** Riverside (3311)

☐ – **Region 9** San Diego (3700)

INDICATE THE TYPE OF APPOINTMENT YOU WILL ACCEPT

(Please indicate ANY and ALL that apply by marking the box.)

☐ Permanent Full Time [D]

☐ Other Than Permanent Full Time [R]
Part Time (Regular hours less than 40)
Limited Term (Up to 24 months)
Intermittent (On-call and hourly - not more than 1500 hours per year)

☐ Will Consider All Types of Employment [A]

YOUR NAME (PLEASE PRINT):_____

MINIMUM QUALIFICATIONS SECTION

You are REQUIRED to complete the following section. To continue with this examination, you must meet the minimum requirements for the classification of Engineering Geologist detailed in the examination announcement. If you indicate "none of the above" to the minimum qualification questions in this section, do not continue with this examination.

REQUIREMENTS FOR ADMITTANCE TO THE EXAMINATION

NOTE: All applicants must meet the education requirements for this classification prior to submitting this examination.

Education: Equivalent to graduation from college with major work in geology, engineering geology, or a closely related field that includes coursework 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.)

INDICATE ALL THAT APPLY

- ☐ Registered Senior.
- ☐ Bachelor's degree in one of the majors listed below.
- ☐ Master's Degree in one of the majors listed below.
- ☐ PhD in one of the majors listed below.
- ☐ Additional qualifying experience which substitutes for the required education on a year-for-year basis.
- ☐ Registration as a Geologist or Geophysicist issued by the California Board of Geologists and Geophysicists
  Number: _____ Expiration date: _____
- ☐ None of the above.

APPROVED COLLEGE DEGREES

(Please mark your degree(s) below)

- ☐ Geology
- ☐ Engineering Geology
- ☐ Earth Science
- ☐ Geophysics
- ☐ Hydrogeology
- ☐ Geological Engineering
- ☐ Other closely related field:
  _____

EDUCATION HISTORY

INSTRUCTIONS: Please list your university(s) relevant to the Examination. The **EDUCATION CODE** will be used in identifying where the experience was obtained for each question.

EDUCATION CODE A

University Name:_____
University Location: City:_____State:_____
Dates of Attendance: From:_____To:_____

EDUCATION CODE B

University Name:_____
University Location: City:_____State:_____
Dates of Attendance: From:_____To:_____

EDUCATION CODE C

University Name:_____
University Location: City:_____State:_____
Dates of Attendance: From:_____To:_____

EDUCATION CODE D

University Name:_____
University Location: City:_____State:_____
Dates of Attendance: From:_____To:_____

EDUCATION CODE E

University Name:_____
University Location: City:_____State:_____
Dates of Attendance: From:_____To:_____

EDUCATION CODE F

University Name:_____
University Location: City:_____State:_____
Dates of Attendance: From:_____To:_____

EMPLOYMENT HISTORY

INSTRUCTIONS: Please describe your experience relevant to the Examination. Begin with your most **recent** experience. The **EXPERIENCE CODE** will be used in identifying where the experience was obtained for each question. If you have no experience, please continue to the next page.

EXPERIENCE CODE A

Employer Name:_____
Employer Location: City:_____State:_____
Dates of Employment Dates: From:_____To:_____
Supervisor:_____Telephone Number:_____

EXPERIENCE CODE B

Employer Name:_____
Employer Location: City:_____State:_____
Dates of Employment: From:_____To:_____
Supervisor:_____Telephone Number:_____

EXPERIENCE CODE C

Employer Name:_____
Employer Location: City:_____State:_____
Dates of Employment: From:_____To:_____
Supervisor:_____Telephone Number:_____

EXPERIENCE CODE D

Employer Name:_____
Employer Location: City:_____State:_____
Dates of Employment: From:_____To:_____
Supervisor:_____Telephone Number:_____

EXPERIENCE CODE E

Employer Name:_____
Employer Location: City:_____State:_____
Dates of Employment: From:_____To:_____
Supervisor:_____Telephone Number:_____

EXPERIENCE CODE F

Employer Name:_____
Employer Location: City:_____State:_____
Dates of Employment: From:_____To:_____
Supervisor:_____Telephone Number:_____

EXAMINATION FOR ENGINEERING GEOLOGIST

TECHNICAL SKILLS

USE THE FOLLOWING RATINGS TO RESPOND TO THE NEXT QUESTIONS.

A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.
B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.
C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.
D. I have no knowledge of how to perform this task or what it may entail.

Not answering a question will be scored as an "I have no knowledge of how to perform this task or what it may entail" answer.

YOUR RESPONSES ARE SUBJECT TO VERIFICATION

IN YOUR RESPONSES YOU MAY INCLUDE COLLEGE COURSES, PAID OR VOLUNTEER WORK EXPERIENCE

COMPUTER SKILLS

1. Spreadsheet software

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.
❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.
❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.
❑D. I have no knowledge of how to perform this task or what it may entail.

2. Database software

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.
❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.
❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.
❑D. I have no knowledge of how to perform this task or what it may entail
.

3. Word Processing software

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.
❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.
❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.
❑D. I have no knowledge of how to perform this task or what it may entail.

4. Slope Stability software

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

5. Statistical software

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

6. Power Point software

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

7. Adobe Acrobat software

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

8. Geographic Information Systems (GIS) software

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

9. Groundwater/Vadose zone modeling

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

10. Graphing/Drawing/Contouring software

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

USE THE FOLLOWING RATINGS TO RESPOND TO ALL REMAINING QUESTIONS.

A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

D. I have no knowledge of how to perform this task or what it may entail.

Not answering a question will be scored as an "I have no knowledge of how to perform this task or what it may entail." answer.

Include brief descriptions of your knowledge and/or experience for each statement. If your description is not included, you will not receive a score for that item.

IN YOUR RESPONSES YOU MAY INCLUDE COLLEGE COURSES, PAID OR VOLUNTEER WORK EXPERIENCE

GENERAL KNOWLEDGE

1. Analyze and interpret engineering geological literature.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

2. Assessing quality of geological data.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

3. Principles of geological risk management.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

4. Application of statistical methods of analysis.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

5. Principles of land use practices with reference to their general effect on human health and the environment.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

6. Principles of scientific research as applied to geological topics.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

7. Principles of slope stability.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

8. Knowledge of seismic hazards in California.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

9. Knowledge of cross-media environmental impacts.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

SURFACE WATER

10. Develop a surface water sampling plan.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

11. Collect surface water samples.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

12. Identify sources of pollutants in surface water.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

13. Determine interaction between surface water and groundwater.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

GROUNDWATER AND VADOSE ZONE

14. Develop a groundwater monitoring plan.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

15. Collect groundwater samples.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

16. Measure groundwater elevation.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

17. Draw groundwater elevation contours.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

18. Determine hydraulic conductivity.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

19. Evaluate results of slug tests in the field for hydraulic conductivity.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

20. Evaluate results of pump tests in the field for hydraulic conductivity.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

21. Review groundwater sample analytical data.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

22. Evaluate results of percolation or infiltration testing.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

23. Determine groundwater flow direction.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

24. Determine groundwater flow gradient.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

25. Well construction.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

26. Well abandonment.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

27. Identify pathways for migration of contaminants.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

28. Determine contaminant fate and transport.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

29. Determine aquifer storativity.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

30. Determine aquifer transmissivity.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

31. Evaluate potential sources of groundwater contamination.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

32. Understand factors affecting natural attenuation of contaminants.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

33. Evaluate behavior of organic chemicals in groundwater.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

34. Evaluate behavior of inorganic chemicals in groundwater.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

35. Evaluate options for groundwater remediation.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

WATERSHED MANAGEMENT

36. Develop a study design for identifying sources of pollutants within a watershed.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

37. Develop recommendations or planning tools for pollutant reduction in a watershed.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

38. Calculate water balance within a watershed.

❑A. I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

❑B. I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

❑C. I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.

❑D. I have no knowledge of how to perform this task or what it may entail.

Please provide the **Education or Experience Code** from page 6 or 7 and a brief description of your experience.

END

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