



**CITY OF SACRAMENTO**  
 Department of Human Resources  
 915 I Street, Historic City Hall  
 Sacramento, CA 95814-2604

<http://portal.cityofsacramento.org/HR>

**INVITES APPLICATIONS FOR THE POSITION OF:  
 Senior Engineer (Water Quality Protection)**

*An Equal Opportunity Employer*

**SALARY**

\$49.67 - \$65.18 Hourly    \$8,609.47 - \$11,297.87 Monthly    \$103,313.60 - \$135,574.40  
 Annually

**ISSUE DATE:** 08/23/19

**FINAL FILING DATE:** 09/20/19

**THE POSITION**

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This position serves as the Water Quality Protection Senior Engineer providing essential technical expertise for the City's source water protection program. This position provides program management and technical expertise in the protection of the City's Lower American River and Sacramento River water supplies, including development of the American and Sacramento River Watershed Sanitary Survey Update reports, comments, and technical materials to support watershed stakeholder efforts. This position also develops technical resources and training to enhance drinking water treatment plant preparedness for watershed spills. The position requires coordination and collaboration with other City departments and sections, state agencies, local agencies on source water protection and various other projects.

**THE IDEAL CANDIDATE**

The ideal candidate for this position is self-motivated with effective technical and project management experience, working collaboratively and effectively with internal and external stakeholders. The ideal candidate will have a technical background in water quality regulations and water quality protection. Ideal candidates will possess excellent organizational, technical, and written and verbal communication skills and be comfortable working under tight schedules and competing priorities.

An ideal candidate will possess knowledge of the following:

- Federal and California drinking water regulations
- Water treatment processes
- Federal Clean Water Act
- Porter-Cologne Water Quality Control Act
- Sacramento River and San Joaquin River Basins Plan
- Watershed protection programs for water quality
- Water quality monitoring programs

**DEFINITION**

Under general direction, the Senior Engineer participates in the conduct of complicated civil, electrical, or mechanical engineering planning, design, and assessment activities; develops plans; inspects sites and assists in problem resolution; coordinates engineering related activities with other City departments and outside agencies; conducts engineering planning studies; prepares grant applications.

**DISTINGUISHING CHARACTERISTICS**

This advanced journey-level class is populated with multiple incumbents. Senior Engineers perform the most complex professional civil, electrical, or mechanical engineering work

requiring a substantial level of professional training. Incumbents may also lead professional and technical personnel on a team or project basis. Assignments require the exercise of independent judgment and initiative in scheduling, assigning, and coordinating the work with that of other units, referring only unusual or highly-complex problems. Senior Engineer is distinguished from Supervising Engineer in that the latter manages broad professional engineering categories, such as electrical, mechanical, civil, traffic, water, and sanitation. The classification of Senior Engineer is distinguished from that of Associate Civil Engineer in that the former serves as project or team leader and performs the most complex and highly skilled engineering work while the latter is the journey level in the registered engineer series.

### **SUPERVISION RECEIVED AND EXERCISED**

General direction is provided by a Supervising Engineer or a division head. Incumbents may oversee a project team consisting of professional and technical personnel staff assigned to a project.

### **ESSENTIAL DUTIES AND RESPONSIBILITIES**

- Develops, plans, and estimates work orders for the construction of public works projects; inspects project sites, assists in solution of difficult problems; interprets specifications and City policy; makes change orders.
- Participates in the selection and management of consultant engineers for the development of plans and specifications, studies and reports; reviews plans for construction prepared by private engineers; may supervise, train, and evaluate professional and technical subordinates.
- Checks computations and specified materials for accuracy and conformance with regulations; reviews and makes recommendations on technical reports and studies.
- Initiates and conducts engineering planning studies to identify public works facility; reviews and participates in the preparation of environmental assessments and studies; prepares periodic project status reports; checks private building plans for compliance with City building codes and ordinances.
- Serves as staff to a variety of City commissions, boards, and committees on public works engineering matters; coordinates engineering related activities with other City departments, divisions, and sections and with outside agencies.
- Prepares various applications for State and Federal grants; assists in the preparation and administration of budget and capital improvement plan.
- Performs other or related duties as assigned.

### **QUALIFICATIONS**

#### **Knowledge of:**

- Principles and practices of engineering.
- Modern methods and techniques used in the design and construction of a wide variety of public works engineering projects.
- Modern developments, current literature, and sources of information regarding the assigned area of engineering.
- Applicable laws and regulatory codes relevant to design and construction in the area of assignment.

#### **Skill in:**

- Use of computers, computer applications, and software.
- Use of computer aided design systems.

#### **Ability to:**

- Make complex engineering computations.
- Check, design, and supervise the construction of a wide variety of public and private facilities.
- Communicate clearly and concisely, verbally and in writing.
- Use a variety of drafting and engineering apparatus.
- Establish and maintain effective working relationships with others.

## EXPERIENCE AND EDUCATION

### Experience:

Four years of experience in professional engineering work in area of assignment including some supervisory experience and/or highly complex civil, electrical or mechanical technical work.

### Education:

Possession of a Bachelor's degree from an accredited college or university in an engineering discipline related to the area of assignment.

## PROOF OF EDUCATION

Proof of education such as college transcripts and degrees must be submitted to the City of Sacramento Employment Office in person, as an attachment(s) to the online application, faxed to (916) 596-1556, or emailed to [employment@cityofsacramento.org](mailto:employment@cityofsacramento.org) by the final filing deadline. If submitting in person or via fax/email, please include your name and **Job #001817-19-DOU-WQP** on your documents. Unofficial documents and/or copies are acceptable. **Important note: Applications will be rejected without proof of education.**

An applicant with a college degree obtained outside the United States must have education records evaluated by a credentials evaluation service. This evaluation must be submitted by the final filing deadline.

## SPECIAL QUALIFICATIONS

### Driver License:

Possession of a valid California Class C Driver License at the time of appointment. Individuals who do not meet this requirement due to physical disability will be reviewed on a case-by-case basis.

### Certification:

Possession of a Certificate of Registration as a professional engineer in the State of California.

## PROOF OF CERTIFICATION

Proof of the required certificate and/or license must be submitted to the City of Sacramento Employment Office in person, as an attachment(s) to the online application, faxed to (916) 596-1556, or emailed to [employment@cityofsacramento.org](mailto:employment@cityofsacramento.org) by the final filing deadline. If submitting in person or via fax/email, please include your name and Job #**001817-19-DOU-WQP** on your documents. Unofficial documents and/or copies are acceptable. **Important note: Applications will be rejected without proof of the required certification or license.**

## THE SELECTION PROCEDURE

**1. Application:(Pass/Fail)** – All applicants must complete and submit online a City of Sacramento employment application to the Employment Office by the final filing deadline:

Employment applications must be submitted online; paper applications will not be accepted.

Employment applications will be considered incomplete and will be disqualified: If applicants do not list current and past job-related experience in the "Work Experience" section. **Note: Qualifying experience is based on 40 hours per week (pro-rated if less than 40 hours/week).**

If "see resume" is noted in the "Work Experience" section; a resume will not substitute for the information required in the "Work Experience" section.

Proof of required education and/or degree equivalency must be submitted online with your application, emailed to [employment@cityofsacramento.org](mailto:employment@cityofsacramento.org), delivered in person, or sent to the Employment Office by fax or mail by the final filing deadline.

**2. Supplemental Questionnaire:** (Pass/Fail) – In addition to the City of Sacramento employment application, all applicants must complete and submit online responses to the supplemental questionnaire:

Responses to the supplemental questionnaire must be submitted online; paper questionnaire will not be accepted.

Incomplete supplemental questionnaire will not pass the review process; omitted information cannot be considered or assumed.

A resume will not substitute for the information required in the supplemental questionnaire.

Possession of the minimum qualifications is not necessarily a guarantee of further advancement in the selection process.

**3. Screening Committee:** (Pass/Fail)– Human Resources will evaluate employment applications for the minimum qualifications stated on the job announcement.

**4. Interview Process:** Human Resources will forward qualified applications to the hiring department. Those determined to be the most qualified candidates will be invited to participate in an interview process. The Director will review the results, if necessary conduct additional interviews, and forward the recommendation to the City Manager's Office for final action.

**5. Conditional Hire:** Upon receipt of a conditional offer, the selected candidate must complete and pass LiveScan/fingerprinting. If applicable, candidates may also need to pass a pre-employment medical exam, controlled substance and/or alcohol test, and possess any required licensure or certification prior to receiving a start date from the Department. Failure to meet these prerequisites will be grounds for withdrawal of your conditional offer of employment.

#### QUESTIONS:

For questions concerning this job announcement and the application process:

Please visit? <https://www.governmentjobs.com/Home/ApplicationGuide?>for a comprehensive, step-by-step guide to the application process.

For technical support between 6 AM - 5 PM PT, contact Live Applicant Support at (855) 524-5627.

Visit the City of Sacramento Human Resources Department website at?

<http://www.cityofsacramento.org/HR/Career-Opportunities>;

Send an email to? [employment@cityofsacramento.org](mailto:employment@cityofsacramento.org);

Call the Human Resources Department at (916) 808-5726; or

Visit the Human Resources Department at Historic City Hall, 915 I Street, Plaza Level, Sacramento, CA 95814.

APPLICATIONS MAY BE OBTAINED AND FILED ONLINE AT:

<http://portal.cityofsacramento.org/HR>

OR

915 I Street, Historic City Hall  
Sacramento, CA 95814-2604

EXAM #001817-19-DOU-WQP  
SENIOR ENGINEER (WATER QUALITY PROTECTION)  
ML

### Senior Engineer (Water Quality Protection) Supplemental Questionnaire

\* 1. **APPLICATION:** I understand that the experience I list in the "Work Experience" section of the employment application will be used to determine if I meet the minimum qualifications as stated on the job announcement. A resume, responses to the supplemental questions,

or employment history listed elsewhere in the application or attachments will not substitute for the information required in the "Work Experience" section of the employment application. **Note: Qualifying experience is based on 40 hours per week (pro-rated if less than 40 hours/week).**

Yes

- \* 2. **I understand that I must submit** proof of education to the City of Sacramento Employment Office by the final filing deadline. You may attach documents electronically; e-mail them to [employment@cityofsacramento.org](mailto:employment@cityofsacramento.org); mail/deliver hard copies to the Employment Office; or fax them with a cover sheet that contains your name, the exam number and title, and number of documents being sent. The fax number is (916) 596-1556.

Yes

- \* 3. **I understand that I must submit** proof of possession of a Certificate of Registration as a Professional Engineer in the State of California to the City of Sacramento Employment Office by the final filing deadline.

You may attach the certificate electronically, mail or deliver hard copies to the Employment Office, e-mail them to [employment@cityofsacramento.org](mailto:employment@cityofsacramento.org), or fax them with a cover sheet that contains your name, the exam or recruitment number and title. The fax number is (916) 596-1556.

Yes

- \* 4. Are you in a familial, cohabitant, or amorous relationship with any current employee of the City of Sacramento? Examples of these relationships include: spouse, domestic partner, parent, child, sibling, uncle, aunt, nephew, niece, first cousin, grandparent, great-grandparent, grandchild, or great-grandchild. Relations may be by blood, marriage, adoption, or domestic partnership, including in-law, step- and half-relationships. (If yes, please answer the next question)

Yes  No

- \* 5. Please list name of relative, relationship and department that your relative works in. (If not applicable, please type N/A)

- \* 6. **SUPPLEMENTAL QUESTIONNAIRE:** The answers to the questions below will be evaluated along with the information provided in your employment application. Therefore, your answers must be consistent with your employment application information (especially in the "Education" and "Work Experience" sections), must be unambiguous, and must contain sufficient but concise detail and organization to facilitate the screening process. A resume will not be accepted in lieu of completing this Supplemental Questionnaire or in place of completing the "Education" and "Work Experience" sections of the employment application. Lack of clarity, incomplete or inconsistent information, and/or disorganized presentation will negatively affect your evaluation. **I understand and agree to the above instructions.**

Yes

- \* 7. Describe your experience implementing environmental or regulatory programs, including researching topics, preparing written memoranda and reports, developing work plans, and preparing and/or reviewing regulatory reports.

- \* 8. Describe your ability to assess workload and resources in order to establish priorities and project schedules.

- \* 9. Describe your experience working with a variety of stakeholders, including leadership or

participation in stakeholder processes, preparation or review of comment letters and other technical materials, and providing representation at meetings.

\* Required Question