



Title: Hydrographer III

Date Printed: 08/24/2017

Job Posted On: 08/09/2017

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Work Location: San Jose, California,

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### **Description**

The Hydrographer III position supports \$1.6 million Hydrologic Data Measurement and Management Project within the Hydrology, Hydraulics, and Geomorphology Unit, which provides basic modeling calibration/data for the District's Flood Control and Groundwater Recharge Programs, and many other internal/external customers. This advanced journey Hydrographer III is required to properly support continuing expansion of the current 149 Surface Water Gauge Network, the training and teaching of apprentice staff, and new responsibilities focusing on recent State Water Resources Control Board legislation, Emergency Regulation for Measuring and reporting Diversion of Water (SB88).

### **Key responsibilities include, but are not limited to:**

- Lead and teach Hydrographer I/II/temporary staff in their assigned Watersheds:
- Determine the best location and performing streamflow measurements for rating development, peak flow, or shifts to rating curve and implementing new Senate Bill 88 impoundment, diversion and instrumentation regulations.
- Observe streamgage control conditions or precipitation catchment issues; inspect, troubleshoot, collect data, and maintain the gage equipment all to USGS standards and procedures.
- Completing the most difficult annual streamgage records, analyze the data, develop ratings, Q/C and write the annual gage report to USGS standards and procedures.
- Determine the best location and installing new gages as requested including GOES satellite as well as ALERT telemetry.
- Train apprentice hydrographers in office operations including electronic equipment, software, web page and Hydrologic Databases management. o Assign hydrographer responsibilities in assigned Watersheds and complete maintenance work orders as required.
- Inspect precipitation gages quarterly for leveling, fouling and dirt. Calibrate and download data annually.
- Lead projects and resolve complex issues assigned by Supervising Hydrographer in a timely

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manner and provide technical expertise and administrative support to supervisor and/or other internal/external customers.

- Monitor/edit ALERT website for errors and respond to surface water network alarms. Monitor storm events for possible flooding and update Emergency Operation Center (EOC) of current conditions.

### **Required Skills**

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**Experience:** Three years of experience in gathering and analyzing hydrologic and meteorologic data using computerized field and office systems.

**Training:** Equivalent to completion of the twelfth grade supplemented by college level course work in engineering, geology, hydrology or a related field.

### **Benefits**

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HYDROGRAPHER III \$7,340.67 - \$9,396.40 Monthly

**Kind:** Full Time

**Level:** Professional

### **Apply**

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**Closing Date for Applications: August 29, 2017 by 11:59pm**

For detailed information regarding requirements and qualifications for this opening and to apply online, please see the job posting by clicking on the following link:

<http://agency.governmentjobs.com/scvwd>

[Go to Diversity.com](http://Diversity.com)

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