Margaret Lindholm

Senior Hydrogeologist

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SUMMARY

Senior Hydrogeologist with 11 years in groundwater resources and remediation across California's Central Valley. Leads aquifer testing, MODFLOW modeling and SGMA sustainability work for 9 water agencies, runs project budgets up to $1.5M, and mentors 5 staff hydrogeologists. California Certified Hydrogeologist.

EDUCATION

Master of Science 06/2015
University of California, Davis Davis, CA
Hydrologic Sciences

EXPERIENCE

Senior Hydrogeologist 06/2020 - Present
Delta Valley Water Consultants Sacramento, CA
Water resources firm with 85 staff serving public water agencies.

- Lead SGMA groundwater sustainability plan updates for **9** agencies covering 1,800 square miles of basin.
- Direct aquifer testing programs on 40 production wells, setting pumping limits for 3 cities.
- Run project management for budgets up to $1.5M and present results to agency boards and state reviewers.
- Mentor 5 staff hydrogeologists on MODFLOW model builds, QA/QC and report writing.

Hydrogeologist 05/2016 - 05/2020
Sierra Foothill Environmental Roseville, CA
Environmental consulting firm with 120 staff.

- Built 4 MODFLOW and MT3DMS models to design pump-and-treat systems at **2** Superfund sites.
- Analyzed 10 years of data in Excel to cut sampling at 120 wells, saving clients $200K a year.
- Wrote 35 groundwater monitoring and remedial progress reports for regional water boards.
- Supervised drilling of 50 monitoring and extraction wells.

Staff Hydrogeologist 06/2015 - 04/2016
Golden State Geoscience Fresno, CA
Agricultural water and environmental consultancy.

- Sampled **200** wells a quarter for nitrate and pesticide monitoring.
- Logged cuttings for 15 irrigation wells.
- Compiled water level hydrographs for 60 wells in Excel.

SKILLS

Aquifer Testing • MODFLOW • MT3DMS • SGMA • Remediation • Groundwater Monitoring Project Management • Excel • Written and Verbal Communication Skills • Work Independently

CERTIFICATES

Professional Geologist (PG)
California Board for Professional Engineers, Land Surveyors, and Geologists
08/2019

Certified Hydrogeologist (CHG)
California Board for Professional Engineers, Land Surveyors, and Geologists
11/2021