

DANA PERRY, EIT

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EDUCATION

California Polytechnic State University, San Luis Obispo
Master of Science in **Civil and Environmental Engineering**, June 20xx Graduate GPA: **3.8**
Bachelor of Science in **Environmental Engineering**, June 20xx Undergraduate GPA: **3.4**

Certifications:

- EIT Certified #112804
- HAZ-MAT General Site Worker

ENVIRONMENTAL ENGINEERING EXPERIENCE

Master's Thesis: Bali Water Team Project – Bali, Indonesia April 20xx – January 20xx

- Collected and analyzed samples from a river running through the town of Ubud
- Identified point sources as hotels and apartment complexes discharging gray water directly into the river
- Conducted interviews with other hotels in the area to determine the treatment options
- Designed, analyzed and compared four small-scale treatment alternatives for a hotel discharging directly into the river

Intern, San Luis Obispo County Public Works Department, San Luis Obispo June 20xx – April 20xx

- Assumed responsibility for Annual Weather Observation Program
- Provided support in acquisition and analysis of all county stream gauge data
- Aided in the development of the County Groundwater Monitoring Program
- Redesigned and optimized county Groundwater Measurements Database for ease of use and efficiency

Senior Project: San Luis Obispo County Integrated Waste Mgmt. Authority Sept. 20xx – June 20xx

- Collaborated on the design and Phase I proposal of a 24,000 sq. ft. organic waste processing facility
- Annual waste intake of 36,000 tons to produce 30 million cu. ft. and 25,000 tons of biogas and compost, respectively. The facility met provisions of AB 341 and adhered to permitting and regulations.

Team Member (Volunteer) – EPA Campus Rainworks Challenge March – June 20xx

- Created a site report for an extensive green roof design (7 in. deep) covering 35,300 sq. ft. utilizing LID and BMP methods to mitigate the impacts of stormwater runoff atop Robert E. Kennedy Library

Wastewater Lab Assistant – Cal Poly Treatment of Wastewater with RECIP Sept. – Dec. 20xx

- Measured nitrate concentrations of influent and effluent samples to determine nitrification performance of ReCip and its effectiveness for oxidizing ammoniacal nitrogen and removing total nitrogen and organic matter from anaerobic dairy wastewater

Design Competition - Cal Poly September 20xx – May 20xx

- Competed and won 2nd place in 20xx-20xx “Wastewater Treatment from Your Kitchen” team design competition sponsored by UC Davis
- Participated in the overall design, buildup, and testing of a gravity-fed, multi-media water filter constructed from common household materials
- Led the research and testing in material selection aspects of the project

SOFTWARE SKILLS

AutoCAD, Xstream Measures, UNIX, C++, Microsoft Project/Excel/PowerPoint/Word

LEADERSHIP / INVOLVEMENT

Society of Women Engineers

Air and Waste Management Association (AWMA)

Secretary, Society of Environmental Engineers 20xx – 20xx

- Wrote and produced 20-page AWMA Student Chapter annual report
- Organized and implemented HAZ-MAT certification and re-certification classes
- Demonstrated excellent leadership, communication, teamwork, organizational, and time management skills

