

Aimee Pfohl, CAPP, CPSWQ, QSP/QSD, QISP

Davis, CA, 530-220-0106, ajpfohl@ucdavis.edu

EDUCATION: B.S., Environmental and Resource Science. The University of California at Davis. June 2000.

PROFESSIONAL TRAINING/CERTIFICATIONS:

- 40-hour OSHA HAZWOPER Certified and Respiratory Fit Tested
- Qualified SWPPP Practitioner (QSP) and Qualified SWPPP Developer (QSD) certifications
- Certified Professional in Storm Water Quality (CPSWQ)
- Qualified Industrial Stormwater Practitioner (QISP)
- Certified Air Permitting Professional – San Joaquin Valley Air Pollution Control District (CAPP #1053)
- Visible Emission Evaluation VEE Certification from the California Air Resources Board (26162)
- National Registry of Environmental Professionals – NREP Certified
- Toxicology and Risk Assessment Class – UC Berkeley Extension
- UC Davis *“Preparing for Supervision Certificate Series”* Completion

PROFESSIONAL EXPERIENCE:

Environmental Compliance Manager - Lead Air/Stormwater/Soil (9/26/05–ongoing), UC Davis Environmental Health & Safety

- Serve as the campus liaison to multiple regulatory agencies such as the Yolo-Solano Air Quality Management District, California Air Resources Board, Central Valley Regional Water Quality Control Board, and City of Davis Utilities Department.
- Supervised and trained an Environmental Specialist 3 for multiple years on the campus Air Quality, Stormwater, and Environmental Site Assessments Programs. Supervised and trained a College of Engineering Student on developing and updating the Greenhouse Gas Inventories.
- Serve in the UC Davis Project Review Group (PRG), which reviews and approves small building projects.
- Co-chair of the UC Environmental Managers’ Air Quality Sub-Group. Lead monthly calls and air quality initiatives on behalf of the UC campuses. Support UC legal staff in understanding the regulatory impact for campuses on forthcoming air quality regulations.
- An active member of the UC Environmental Managers’ Stormwater Sub-Group
- Managed the UC Davis Department Safety Coordinators’ (DSC) program for two years. Lead quarterly safety meetings, safety awards program, and EH&S campus outreach.

Air Quality

- Oversee compliance with all local, state, and federal air quality regulations for UC Davis. Train campus researchers and staff on the applicability of air quality and environmental regulations. Manage the air quality permitting of stationary sources (e.g., boilers, emergency generators, fuel dispensing), including New Source Review requirements administered by local air districts, federal Title V permitting, and related health risk assessments. Responsible for regulatory compliance with state and federal regulations (i.e., AB32, California Refrigeration Management Program, CARB Off-Road Diesel Regulations, CARB Large Spark Ignition Regulation, and USEPA Mandatory Greenhouse Gas Reporting Rule. Manage over 150 air permits.
- Prepared the first comprehensive greenhouse gas emissions inventory for UC Davis and the UC Davis Medical Center. Supervised a College of Engineering student assisting with the effort.
- Prepared annual greenhouse gas emissions reports for the campus pursuant to California's Global Warming Solutions Act (AB 32 of 2016) and USEPA's Greenhouse Gas Mandatory Reporting Rule. Assist the UC Davis Sustainability Office with greenhouse gas emissions report and sustainability metrics (STARS Reporting).
- Advised UC Davis and the University of California system of the potential financial impact on the UC system from the requirements of California's Greenhouse Gas Emission Trading System (Cap-and-Trade).
- Prepared State Air Toxics Hot Spots Report pursuant to AB2588 requirements for all campus emission sources. Carefully studied the reporting requirements to successfully convince the air district that a full air toxic Health Risk Assessment (HRA) is unnecessary, saving the university approximately \$40,000.
- Renewed UC Davis's Campus USEPA Title V permit twice saving the University approximately \$50,000 in third-party consulting preparation fees.

Stormwater

- Maintained the campus stormwater compliance program, including the requirements of the Campus's Municipal Separate Storm Sewer System (MS4) permit, multiple construction stormwater general permits, waste discharge to land permits, NPDES wastewater permits for multiple animal facilities, and City Laboratory Discharge Permits.
- As a certified Qualified Industrial Stormwater Practitioner (QISP), maintained the Industrial General Permit (IGP) for the LEHR Superfund Site, airport, Unitrans, Reprographics, and the campus landfill/digester. This included collecting stormwater samples, interpreting analytical laboratory results, and preparing regulatory reports.
- As a QSP/QSD, I review Stormwater Pollution Prevention Plans (SWPPPs) and project construction plans.

Environmental

- Provide construction air quality and stormwater plan reviews for campus projects. Works closely with Design and Construction Management (DCM) staff to ensure construction projects comply with local, state, and federal regulations. Assist DCM and contractors in adhering to asbestos demolition and renovation requirements prior to construction.
- Conduct Phase I Environmental Site Assessments according pursuant to ASTM standards for both the campus, Medical Center, and UC Davis Reserve System. Previously obtained a Registered Environmental Assessor (REA Certification) with the California Department of Toxic Substances Control.

Industrial Hygiene, Hazardous Materials/Waste, and General Health and Safety

- Assisted with industrial hygiene indoor air quality studies, formaldehyde exposure monitoring, and mold sampling as a DSA for the School of Veterinary Medicine.
- Assisted with a noise evaluation study at the Central Heating and Cooling Plant on behalf of UC Davis Utilities.
- Assisted with multiple Certified Unified Program Agency (CUPA) laboratory inspections of the School of Veterinary Medicine.
- Assisted with Cal OSHA worker injury investigations, accompanying Cal OSHA inspectors during campus site visits.
- Performed "on-call" duties during business hours, after-hours, and weekends to provide emergency response services, such as hazardous chemical spills/fires, incidents of worker chemical exposure, power outages to laboratories, fires, employee injuries, and campus protests.
- Served as a Department Safety Advisor (DSA) for the UC Davis School of Veterinary Medicine for five years. Supported the veterinary school in the obtainment of relevant health and safety permits. Provided training on hazardous materials/waste and physical safety. Performed health and safety compliance inspections, medical waste audits, and laboratory inspections. Advised students, staff, and faculty on federal, state, and local agency regulations and inspected safety equipment such as fume hoods, bio-safety cabinets, and other laboratory devices for safety compliance.

Site Remediation

- Supervised investigations and remediation of contaminated sites (e.g., kerosene spill at CNPRC Primate Center). Selected and supervised contractors and staff to perform environmental investigations and cleanup of hazardous waste sites. Oversaw the contract, scope, and budget for contaminated site cleanups. Assisted LEHR Superfund staff with sampling activities.

Environmental Project Specialist (3/21/01–9/05), AECOM/ENSR International, Alameda and Sacramento, CA

- Developed proposals and work scopes for clients, oversaw budgets/schedules, and trained staff.
- Supervised multiple junior-level staff in the preparation of Phase I Environmental Site Assessments (ESAs), Chemical Inventories, Hazardous Materials Business Plans (HMBP), Spill Prevention Control Countermeasure (SPCC) Plans, air permitting, and air toxics dispersion modeling.
- Provided hazardous material compliance and health and safety consulting services to a variety of industries and clients including laboratories, refineries, airlines, power generators, chemical processing operations, and a semiconductor manufacturer. Prepared Tier II analyses and SARA 313 Toxic Release Inventory Reporting, Spill Prevention Control and Countermeasure Plans, Storm Water Pollution Prevention Plans, hazardous waste reporting, and Hazardous Material Business Plans. Clients included Levis Straus and Co., United Airlines, Rohm Device Semiconductors, Calpine Energy, Conoco-Phillips Refining, and Shell Martinez Refinery.

- Advised junior staff and clients on the appropriate Personal Protective Equipment (PPE) and heat illness prevention. Assisted a semi-conductor firm with emergency response team training.
- Permitted new and modified air emission sources at refineries pursuant to requirements of the Bay Area Air Quality Management District. Performed emission estimates, evaluated projects for federal, state, and local regulatory applicability, and developed permitting strategies and solutions.
- Assisted with a NIOSH Radiation Dose Reconstruction study for the Department of Energy National Laboratories. Performed onsite research at Sandia National Laboratory concerning historical radiological staff exposures.
- Produced multiple Initial Studies and Environmental Impact Report sections pursuant to the California Environmental Quality Act (CEQA).
- Managed data entry, Safety Data Sheets (SDS) review, and creation/maintenance of Chemical Inventory Databases for multiple clients.

Associate (7/12/00–3/16/01), Environmental Science Associates, San Francisco, CA

- Authored technical reports for CEQA documentation, Mitigation Monitoring Response Programs, Storm Water Pollution Prevention Plans, and Streambed Alteration Agreements. Conducted technical research, information searches, client relations, and permit applications.

Student Assistant (6/99–6/00), California Department of Water Resources, Water Use Efficiency Office, Sacramento, CA

- Researched multiple regional water conservation strategies concerning agricultural and landscaping practices. Conducted data analyses, authored report summaries, updated publications, and conducted literature searches. Helped maintain the California Irrigation Management Information System (CIMIS).

PROFESSIONAL ORGANIZATIONS: Air and Waste Management Association (AWMA) and California Stormwater Quality Association (CASQA)

PUBLICATIONS:

Case Study of Greenhouse Gas Reporting Requirements for Higher Education Institutions. Air & Waste Management Association paper 2011-332. Authored by Aimee J. Pfohl, University of California, Davis, Environmental Health and Safety, One Shields Avenue, Davis, CA 95616 and Camille M. Kirk, University of California, Davis, Environmental Stewardship and Sustainability, One Shields Avenue, Davis, CA 95616. June 2011.

The Need for Accurate Estimation of Laboratory Fume Hood Air Toxics Emissions White Paper. Co-authored by Aimee J. Pfohl, University of California, Davis, Environmental Health and Safety, One Shields Avenue, Davis, CA 95616 and the University of California Environmental Managers Fume Hood Emissions Subgroup. July 2016.

RELATED COURSEWORK AND SKILLS:

Biology, Chemistry, Environmental Toxicology, Soil Science, Wetland Ecology, California Water Law, Geology, and California Environmental Quality Act. Proficient in MS Excel, Outlook, Word, PowerPoint, REVU Bluebeam, Access database, and client-specific data storage and analysis platforms. Experience with air dispersion health risk assessment modeling programs.

REFERENCES:

Available upon request.