

CHRISTOPHER WELLS, REPA
Principal Scientist/Owner
Environmental Research & Assessment, LLC

Mr. Wells has over 32 years of diversified environmental science, auditing, and regulatory experience. Involved in a variety of technical projects including: CEQA Mitigated Negative Declarations, underground storage tank removal and closure, soil and groundwater sampling, environmental impact assessments and inspections, environmental regulatory research, sampling and assessment of hazardous waste sites, and computer database management. Included in this experience are extensive report generating activities which include: Environmental Impact Reports, Underground Storage Tank Closure Reports, National Environmental Policy Act Compliance Reports, Pollution Prevention Plans, Hazardous Waste Management Plans, Remedial Action Plans, Health and Safety Plans, Phase I and II Environmental Site Assessments, and Quality Assurance Project Plans.

Mr. Wells' affiliations and certifications include:

- 40-hour OSHA Health & Safety Training/Site Health & Safety Coordinator
- Project Management & Phase I Environmental Site Assessment Training
- AHERA, Asbestos Building Inspector & Supervisor (not current)
- NIOSH 582 Air Sampling and Analysis for Asbestos
- Lead-Based Paint Assessor and Supervisor Training
- Registered Environmental Property Assessor

PROFESSIONAL EXPERIENCE

Project Manager for Preparation of California Environmental Quality Act (CEQA) Categorical Exemption, Review of California Code of Regulations Title 5, Section 14010 Standards, and Preliminary Environmental Site Assessment for Classroom Building Rehabilitation and Construction at Mayfair High School. The project involves the removal of eight (8) older relocatable classrooms and replaced by two new two-story portable classroom buildings with 21 classrooms and a counseling area (net 13 additional classrooms) at Mayfair High School, which is part of the Bellflower Unified School District.

Project Manager for Underground Storage Tank (UST) Removal and Additional Soil Assessment at Cal Polytechnic University, in Pomona, California, per Los Angeles County Department of Public Works guidelines. SEI applied for appropriate permits, prepared the Work Plan and Health and Safety Plan, oversaw the removal of the USTs, performed soil sampling, and prepared the closure report for the two USTs.

Project Manager for Soil Sampling at Two Former USTs at Los Angeles Trade Technical College in Los Angeles, California per Los Angeles City Fire Department guidelines. The purpose of the soil sampling was to obtain sufficient data to apply for site closure. SEI prepared the Work Plan and Health and Safety Plan, oversaw the drilling and provided a final closure report.

Project Manager for Chlorine Gas Risk Management Plans (RMP) for 5 high school sites located within the Long Beach Unified School District (LBUSD). These projects included compliance with the California Accidental Release Prevention (CalARP) Program, which includes the federal Accidental Release Prevention program (Title 40, Code of Federal Regulations (CFR) Part 68). SEI performed site inspections of each high school site, which included completing an environmental audit of operating procedures, training of operators, and maintenance of chlorine gas equipment. A detailed RMP report was prepared for each site.

Project Manager for remediation of Waste Oil Contaminated Soil at a transportation maintenance facility. Managed the removal of waste oil impacted soil from two areas: a large hydraulic lift vault, and a waste oil sump. Responsibilities included hiring subcontractors, arranging for disposal of oil-contaminated soil and writing final closure report.

Project Manager sampling and disposal of 25 PCB-Containing Transformers at the Lakewood Mall. Managed the removal of 25 PCB-containing transformers from an electrical room prior to demolition. The project included de-energizing the transformers, sampling each transformer and arranging for the proper shipment and disposal of the transformers.

Task Manager for Environmental Impact Report/Environmental Impact Statement (EIR/EIS), Lawrence Livermore National Laboratory. Conducted surveys of laboratory and chemistry buildings, documenting conditions for EIR/EIS. Surveys included review of laboratories involved in radioactive, chemical, and biological testing.

Task Manager for Pollution Prevention Plans of Navy Southwest Division Sites. Managed Pollution Prevention Plans for two Southern California Navy and Marine Corp installations. Projects included collecting extensive data on hazardous materials used and hazardous wastes generated. Investigative mechanisms included: operator interviews, physical inventory, and reviewing procurement and disposal data. Data collected was used to simultaneously satisfy SARA III Section 211/313 reporting requirements. Researched and recommended pollution reduction opportunities based on technical feasibility and cost. Utilized pollution prevention plans to efficiently update the State of California requirements under SB-14, the Source Reduction Act.

Project Manager for PCB Inventory and Sampling at the Naval Air Weapons Station, Point Mugu, California. Provided project management to field personnel and subcontractors performing the inventory and sampling of all oil-filled electrical equipment. Wrote final report documenting findings to ensure compliance with environmental regulations and Navy guidelines.

Project Manager for Lead and Copper Potable Water Survey, Naval Air Weapons Station, Point Mugu, California. Managed the sampling of potable water from base operations facilities and military housing units for lead and copper. Responsible for sample management and control and data tabulation and reporting.

Field Manager for Phase II Site Investigations and Phase II Cleanups, numerous sites throughout Southern California and the western United States. These projects included hiring subcontractors, drilling soil borings and/or the installation of monitoring wells, logging of soil lithology, collection of soil and groundwater samples, and well construction and development. Two of the projects involved the installation of slant air sparging wells.

Site Health and Safety Officer, Air Force Center for Environmental Excellence, China Lake, California. Responsible for instituting the health and safety protocols for the restoration of the Superior Valley Gunnery Range site. The project consisted of identifying, segregating and disposal of over 1,700 55-gallon drums, investigation and remediation of a large open burn/open pit area, and investigation and remediation of the former drum storage areas.

Project Manager for Waste Handling Services Contract, Los Angeles County Metropolitan Transportation Authority (LACMTA). Managed remediation of waste sites along the construction route of the Metro Rail project, including sites with lead-contaminated soils. Also responsible for regulatory review and perimeter air monitoring services.

Project Manager, Various Environmental Site Assessment Projects, LACMTA. Managed Phase I environmental site assessments, asbestos, PCB, and lead-based paint surveys, and Phase II site characterizations. Projects encompassed properties, which the LACMTA plans to acquire for use as railroad stations and commuter and/or light, medium, and heavy rail liens. Extensive involvement in all aspects of the project, which included pre-proposal tour and meetings, proposal writing, health and safety plan and work plan, overseeing and assisting in the completion of field work, and writing draft and final reports

Field Remediation Manager, Installation of Soil Vapor Extraction System, Riverside, California. Responsible for the oversight of subcontractors working at the site during the installation of the soil vapor extraction system. Soil at this site was contaminated with gasoline and diesel.

Project Manager, Seven Phase I Site Assessments and Compliance Audits, and Three Phase II Site Assessments, throughout the U.S. and the Netherlands. Conducted site assessments and compliance audits of chemical fertilizer facilities located throughout the U.S. and the Netherlands. Recommended three Phase II subsurface investigations to assess the extent of petroleum and chemical releases at these facilities. All work was performed under a strict deadline to provide information to the client for a potential acquisition.

Project Scientist, Hazardous Waste Management Plan, Naval Air Weapons Station (NAWS), Pt. Mugu. Conducted site inspections of NAWS facilities that generate hazardous waste to evaluate compliance with local, state, federal, and naval environmental regulations. Author of major sections of the Plan which covers hazardous waste management standard operating procedures for collection, containerization, labeling, record-keeping, satellite accumulation, temporary storage (less than 90 days) transfer, disposal, and training.

Project Scientist, Wastewater Surveys, Jet Propulsion Laboratory, Pasadena, California. Assisted in the completion of a wastewater survey for the 150+ JPL laboratories and buildings. Conducted in-depth surveys of chemical usage and process equipment operation as it relates to wastewater generation.