

REPRESENTATIVE PROJECTS

Risk Evaluations for Contaminated Sites

- Prepared a detailed risk evaluation for a former multi-user industrial site located in Oakland. Constituents of concern included PNAs, VOCs, metals, and BTEX. Calculated screening levels for industrial, residential, and park use scenarios.
- Assisted in preparing a risk evaluation report for Reel.com for new office space located in Emeryville. Calculated risk screening levels for the commercial (office) worker scenario.
- Prepared a risk evaluation for a former dry cleaning facility in San Juan Capistrano. Calculated screening levels for industrial, construction, residential, and park use scenarios.

Data Management

- Managed large volumes of data for several projects using excel spreadsheets. Prepared risk assessment spreadsheets which entailed creating formulas and manipulating excel cells to reflect new data. Transferred data from old spreadsheets to create tables for various reports.

FOSL/FOSTs/FOSETs

- Currently preparing both a FOST and FOSET for former Naval Air Station Alameda (NAS). A total of 246 parcels are being transferred. Currently preparing data summaries for USTs, ASTs, oil/water separators, unexploded ordnance, radiological materials, asbestos-containing materials, PCB-containing equipment, and lead-based paint. Performing QA/QC review of detailed figures, and preparing text summarizing past site use. Coordinating with Prime Consultants and the Navy regarding detailed information of the site.
- Assembled the FOSET report for the former Fleet and Industrial Supply Center, Oakland (FISCO) on behalf of the Port of Oakland. Coordinated with the project manager and Navy employees and prepared hazardous waste storage table.
- Prepared a FOST covering 79 parcels at FISCO. Conducted research regarding contaminated materials on site and coordinated with Navy personnel to update existing information. Coordinated with the Port of Oakland as well as the Navy regarding various governmental requirements and covenants.
- Updated the Draft Final FOSL for the Naval Communications Station Stockton. Researched UST/AST, RCRA, and hazardous waste storage sites. Updated risk evaluation for UST sites.

AREAS OF EXPERTISE

- Risk Evaluations for Contaminated Sites
- Data Management
- EIS/R/FS Preparation Support
- FOSL/FOST/FOSET
- Air Emissions Estimate Development
- Litigation Support
- Soil and Groundwater Sampling
- Community Outreach

Education:

B.S., Environmental & Resource Sciences,
University of California, Davis,
Davis, CA, 1996

Years of Experience: 4

EXPERIENCE SUMMARY

Melba E. Policicchio is a graduate of U.C. Davis with a degree in Environmental and Resource Sciences. She has experience preparing risk evaluations for contaminated sites, findings of suitability to lease/transfer (FOSLs/FOSTs) for various naval facilities, and has supported the preparation of several major EIS/Rs. In addition, Ms. Policicchio has community outreach experience working with teachers and community members to help implement environmental education programs for students in the Bay Area. She has extensive research experience in various aspects of the environmental field including environmental planning and environmental law.



REPRESENTATIVE PROJECTS

EIS/R/FS Preparation Support

- Prepared an environmental assessment for a proposed port redevelopment site in Lota, Chile. Performed a site visit, conversed in Spanish with Chilean clients, and translated existing technical documents from Spanish to English. Provided an environmental overview of the site and outlined the environmental impacts of the project on the bay of Lota. The report was written in both English and Spanish.
- Provided EIS/R/FS support for the 50-foot channel deepening project for the Port of Oakland. Researched previous documents and assisted in developing detailed cost estimates for the dredging project.
- Assisted in the preparation of the EIR for the proposed Joint Intermodal Terminal for the Port of Oakland. Organized document reference list and maintained reference library containing all related documents to the project. Coordinated with subcontractors and assisted in writing portions of the report.

Air Emissions Estimate Development

- Provided air emissions summary estimates for a confidential project for Moffatt & Nichol. Coordinated with project manager and estimator to convert detailed construction information into a readable air emissions summary spreadsheet for multiple scenarios and design concepts. Calculated total air emission factors (NO_x, CO, SO_x, ROG, PM, PM₁₀) for various pieces of marine and land-side construction equipment. Summarized the predicted annual construction air emissions for the project.

Litigation Support

- Assisted in preparation of an investigation report for a confidential site along the Oakland waterfront. Conducted site visits, field sampling, document review, and data evaluation. Prepared risk evaluation and a revised workplan for the site.

Soil and Groundwater Sampling

- Collected soil and groundwater samples from a confidential site along the Oakland waterfront. Groundwater samples were taken from four different groundwater monitoring wells and tested for heavy metals.

Specialized Training

Soil Erosion, UC Davis Extension, 2001

Wetlands Remediation Conference - 2000