

Michael (Mike) Cox

Senior Project Manager

Relevant Project Experience

Sycamore Landfill Scale Plaza and Otay Landfill Material Recycling Facility

Client: Republic Services

Provided environmental and construction permitting support to Republic Services during the design and permitting of the new Sycamore Landfill Scale Plaza. The new plaza is being constructed further up the landfill access road to lessen traffic back-ups on an adjacent arterial roadway. Work consisted of completing the plaza design, obtaining building permits, and general coordination. The plaza is expected to be constructed in early 2024.

Assisted Republic Services in the initial environmental permitting of the proposed Otay Landfill Material Recycling Facility. Services have included development of an efficient environmental permitting strategy, visual simulations, and completion of a project description. The project is expected to be permitted in 2024 and constructed starting in 2025.

West of Devers Upgrade Project

Client: Southern California Edison/Barnard Construction

Provided environmental compliance support to SCE during construction of the WOD infrastructure in accordance with the National Environmental Policy Act (NEPA) and California Environmental Quality Act (CEQA). Managed environmental permitting and environmental compliance services during construction for the installation of two, 43-mile 220kV electrical transmission lines and modifications to 6 substations. The new transmission lines are located from North Palm Springs to the San Bernardino area and are being upgraded to higher capacity lines to transmit renewable power from the eastern California solar farms. The project scope of work includes the following:

- Managed a staff of 30 monitoring environmental compliance during construction
- Monitoring of budget and schedule

Service Areas

- Environmental Project Management

Education

- BS, General Geology, California State University Long Beach, 1983

Registrations

- Certified Engineering Geologist, California, (1989, No. 1488)
- Registered Geologist, California, (1989, No. 4770)

Distinguishing Qualifications

More than 39 years of experience in conducting and managing a wide-variety of projects, including construction management, large-scale construction environmental compliance monitoring, environmental permitting, and environmental remediation.

Effective communications management of large complex projects including clients, construction contractors, engineers, regulatory agencies, and community members.

Experience in managing environmental permits for large and small projects involving complex political and technical processes including environmental permit scheduling.

Understanding of most construction processes, manufacturing processes, environmental remediation, and geotechnical engineering.

- Interaction and negotiation with regulatory agencies to successfully obtain the project Biological Opinion, Section 7 Permits, EIR/EIS, Record of Decision, and Certificate of Public Convenience and Necessity
- Implementation and management of project specific safety plans
- Daily, monthly, and yearly reporting
- Application of financial management and scheduling processes

Former Kern Power Plant and Former Red Bluff Manufactured Gas Plant Remediation

Client: Pacific Gas and Electric

Managed the implementation of remediation plans for a former Kern Power Plant in Bakersfield, California and for a former Manufactured Gas Plant in Red Bluff, California regulated by the California Regional Water Quality Control Board and California Department of Toxic Substance Control. The remediation for both projects included the excavation and transport of hazardous and non-hazardous wastes to proper disposal facilities under RCRA. The work was successfully completed to allow the utility to sell the properties. This work required the extensive use of human health and ecological risk assessment to determine the most cost-effective methods of remediation. The project scope of work included the following elements:

- Preparation of bid documents and proposals, including contractor bid selection
- Interaction and negotiation with regulatory agencies
- Managed the development of work plans, risk assessments, remedial action plans, and remedial action completion reports
- Supervision and management of contractors and construction managers during construction
- Monitoring of budget and schedule
- Implementation and management of project specific safety plans

Devers-Palo Verde 2 Project (DPV2) 500kV Electrical Transmission Line Installation

Client: Southern California Edison

Managed environmental compliance operations for the construction of a new 151-mile 500kV electrical transmission line, 2 new 500kV substations and series capacitor bank, and the upgrade of 2 additional 500 kV substations in the eastern California desert. The transmission line was constructed to bring power from eastern California renewable generation facilities to the Los Angeles basin. The project period was a total of 5 years, with construction lasting approximately 2 years. The project scope of work included the following:

- Preparation of mitigation plans to support the Applicant Proposed Measures and mitigation measures presented in the project Final Environmental Impact Report (FEIR)
 - Interaction and negotiation with regulatory agencies
 - Completion of construction contractor environmental compliance bid specifications
 - Preparation of Project Refinement Document, development of a GIS database for environmental and biological field forms, preparation of the NTPRs which include a
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- table of every measure and a summary of the status of compliance of those measures, preparation of the Preconstruction Verification Checklists
- Supervision and management of biological and environmental field monitors. As many as 130 field monitors and support staff were assigned to the project during peak periods

Lean Manufacturing Implementation

Client: US Department of Defense - Hill Air Force Base, Landing Gear Directorate

Served as the Project Manager for the Hill AFB Landing Gear Lean Transformation Program. This program developed more efficient methods of repairing and remanufacturing Air Force aircraft landing gear. This work included the review and documentation of more than 9,000 process steps on over 330 master work control document routings involved in the remanufacturing of landing gear components. The review of these procedures was used to develop a more-efficient remanufacturing processes. Significant cost reductions were realized by the Air Force as the result of this program.

Geotechnical Projects

Managed projects as an engineering geologist identifying geologic hazards for development projects ranging from housing developments to dams and landfills. Responsibilities included geotechnical investigation, geologic mapping, subsurface trenching and drilling logging, active fault evaluation, landslide investigation, dam design, liner design, slope stability modeling, borrow site evaluation, construction inspection, and the development of earthwork plans, specifications, and bid packages. Projects were managed throughout southern California and Baja California.
