

# Michael Zorba

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## **EDUCATION**

### **Master of Environmental Science**

University of Oklahoma College of Engineering

### **B.S. Environmental Design/Landscape Architecture**

University of Oklahoma College of Architecture

## **PROFESSIONAL EXPERIENCE**

### **Project Manager/Environmental Planner, February 2012 – Present**

**Enviro Clean Cardinal, LLC (formerly Cardinal Engineering, Inc.)** Oklahoma City/Norman, Oklahoma

- Project manager/planner on NEPA Environmental Assessments including a themed recreational park and marina project located on land managed by U.S. Army Corps of Engineers; Bureau of Indian Affairs-financed roadway improvement projects with threatened and endangered species challenges; and oil/gas pipeline project on BIA-managed lands. Projects required coordination with the client, designer/engineer, developer, federal, state and local agencies.
- Project manager on two HUD-financed multi-family-commercial development projects in Oklahoma City. Coordination with client/developer, legal counsel, various agencies for NEPA HUD Submittal.
- Project manager on soil and groundwater remediation project in Bricktown area of Oklahoma City. Coordination with client/developer, Oklahoma City Brownfield Department, Oklahoma Corporation Commission, Oklahoma Department of Environmental Quality, and Oklahoma City Urban Renewal Authority. Conducted soil & groundwater sampling and excavation/remediation oversight, transport-manifest-disposal at appropriate facilities.
- Project manager and key environmental professional for numerous Phase I Environmental Site Assessments per ASTM E1527-13, including Small Business Administration and HUD-compliant reports. Sites are located in Oklahoma City and towns throughout the states of Oklahoma and Texas.

### **Project Manager/Environmental Planner, 2010 – 2011**

**Transcon Environmental, Inc.**, Mesa, Arizona

- Project manager/planner on environmental assessment for wireless communication project located on Navajo tribal lands. Project required coordination with the Office of Navajo and Hopi Indian Relocation, and Navajo cultural representative, in which an expedited process was negotiated for cultural clearance and construction permitting.
- Project coordinator/planner on Environmental Assessment for the Davis-Kingman 69-Kilovolt Transmission Line Rebuild Project for Western Area Power Administration. Tasks included direct coordination with Western's environmental planner and federal agencies including Bureau of Land Management, Bureau of Reclamation, and National Park Service; writing sections of the EA; generating monthly reports; budget and personnel management; writing the draft Finding of No Significant Impact, to which Western had minimal revisions.
- Project coordinator/planner on early stages of a wind turbine and transmission tie-line project in northwestern Arizona. Tasks included preparation for Arizona Corporation Commission permitting process; client, legal counsel, and agency meetings; schedule development using Microsoft Project software; coordination and site visit.
- Business development role included writing proposals for permitting of solar energy (photovoltaic and power-tower), electric transmission line, building construction, and other projects; regular prospective client communication and lunches; attending industry business and networking functions; writing statement of qualifications and project description materials; maintaining prospects and leads database.

### **Environmental Planner/Scientist, 2010**

**AMEC Earth & Environmental**, Tempe, Arizona

- Environmental planner and task manager for Tinker Air Force Base Vance Gate Relocation environmental assessment document. Tasks included writing existing conditions and impacts on land use, document editing, final review and document QA/QC for draft submittal.
- Environmental Scientist assisting in soil vapor extraction system monitoring and sampling, including reconfiguring vapor well manifold for maximum removal efficiency of 20-well extraction system.
- Business development tasks included proposal writing, contacting prospective clients, attendance at professional conference.

## **Environmental Planner, 2008 – 2010**

### **URS Corporation**, Phoenix, Arizona

- Environmental planner and Deputy Project Manager, Toquop Energy Project Environmental Impact Statement (EIS), Lincoln County, Nevada, Bureau of Land Management (BLM); responsible for responding to public comments on the draft EIS and incorporated into the final EIS; writing, editing, quality control, production, assembly and distribution of document deliverable to client. Attended weekly teleconferences with BLM and other agencies.
- Environmental planner for Starwood Solar I Project (Tonopah, Arizona); assisted in coordinating the Certificate of Environmental Compatibility (CEC) document for submittal to the Arizona Corporation Commission, writing five sections of the CEC document and managing quality control, participation in project open house, Department of Energy Loan Guarantee Program Environmental Report, prepared site visit plan and attended CEC hearings.
- Environmental planner for early stages of permitting a confidential client power generation project (Yuma, Arizona); responsible for managing, coordinating, quality control reviewing, as well as writing five sections of the draft CEC document for submittal to the Arizona Corporation Commission, and assistance with Department of Energy Loan Guarantee Program Environmental Report.
- Served as quality management/quality assurance liaison for office's environmental planning group.

## **Senior Associate/Environmental Project Manager, 2005-2008**

### **A Dye Design, Inc.** Phoenix, AZ – Landscape Architecture and Urban Planning Firm

- Project manager for preparation of two Environmental Overview documents for Maricopa County Department of Transportation regarding 26 miles of County Highway improvements and 12 miles of new roadway, respectively; conducted due diligence using online databases, government documents, personal interviews and field reconnaissance; environmental support at public meeting; coordinated with prime engineer, five city municipalities, the County and Arizona state contacts and officials.
- Due diligence and preparation of nationwide 404 permit application for construction of sewer and water utilities across the Santa Cruz Wash in Yavapai County, Arizona; coordination with Arizona Game & Fish Department and cultural subconsultant; permit approved by USACE within three-months.
- Project manager leading development of technical guidelines document and fieldwork plan for plant salvage & revegetation project for Arizona Department of Transportation roadway improvements for State Route 179 in Sedona, Arizona; coordinated with prime engineer and other subconsultants; managed four-person team for conducting GPS field work, data collection, and drafting of landscape salvage and transplant construction plans using Microstation.
- Led business development strategies to obtain environmental projects including proposal writing, pre-submittal meetings, attending qualification interviews, hosting clients, attending professional meetings, luncheons and seminars, and designing marketing brochures and related materials.

## **Environmental Scientist, 1998-2005**

### **CH2M Hill, Inc.**, Tempe, AZ – Environmental, Transportation, and Wastewater Engineering.

- Task management for multiple EPA Superfund sites in Phoenix and Tucson areas, including coordination and implementation of large drilling and environmental sampling tasks and development of technical reports, quality assurance plans, sampling analysis plans and field sampling plans.
- Managed and supervised soil remediation projects for private clients (energy and manufacturing) and designed sampling strategy to meet ADEQ regulations for voluntary cleanup project.
- Conducted oversight management of outside consultants on EPA and private client projects
- Led groundwater, surface water, soil, soil gas and air sampling field tasks for federal and private clients.

## **CERTIFICATIONS/WORKSHOPS/TRAINING**

- U.S. Army Corps of Engineers Wetland Delineator Certification
- Associate Project Manager Certification, URS Corporation
- OSHA 40-Hour Hazwoper Training, *First Aid/CPR/Bloodborne Pathogens*
- *Redesigning the Edgeless City*, Lincoln Institute of Land Policy

## **VOLUNTEER AFFILIATIONS**

- Chief Steward, Member of Morning Star Center for Spiritual Living, Norman, Oklahoma, 2017-2018
- Cub Scout Den Leader (Bobcat through Bear) for Pack 777, Norman, Oklahoma, 2012-2016
- President, Treasurer, Member of Arizona Association of Environmental Professionals, 2006-2012