

**Appendix N**  
**Biology Resources**



**Appendix N-1**  
**Record of Conversation**



<b>URS Corporation</b> 2625 S Miller St, Suite 104, Santa Maria, CA 93455				COPIES TO:	
				File:	
DATE	9/4/08	TIME	2:00 pm		
TelCon by :	Wayne Vogler	TelCon with :	Maxine Sauer		
COMPANY	BP Carson Refinery, Environmental Field Coordinator				
ADDRESS	Carson, CA	PHONE NO.	310-847-5649		
PROJ NAME	BP – Carson Cogen AFC	PROJ/TASK NO.			

**Conversation Record:** Discussed observations of burrowing owls within the Carson Refinery facility.



**Appendix N-2**  
**Resume**



# J. Wayne Vogler

Senior Biologist

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## Areas of Expertise

California Central Coast and  
Central Valley Species  
Wetland Delineations  
Flora/Fauna Surveys  
Mapping Services  
HAZWOPER Trained

## Years of Experience

With URS: 2 Year  
With Other Firms: 11 Years

## Education

BS/Biological Sciences/1994/  
University of California, Irvine

## Registration/Certification

1997/U.S. Army Corp of Engineers  
Wetland Delineation Certification  
Program  
2008/Level II Blunt-nosed Leopard  
Lizard Surveyor

## Overview

Managing and leading work efforts, Mr. Vogler is familiar with both sensitive species and habitats, particularly toward the successful completion of the project while minimizing affects to natural resources. Wayne's diverse experience ranges from site investigations of industrial sites to restoring native habitats at a large soil and groundwater remediation site. Wayne's project experience has included working with federal, state, and local agencies to find consensus among several parties toward the successful completion of the project. Wayne developed and instituted monitoring protocols, developed restoration plans, and monitored one of the largest hydrocarbon remediation projects along the U.S. Western Coast. Wayne has maintained compliance with Health and Safety training requirements, including specialized training, since 1996; he is fully-versed and indoctrinated in health and safety culture.

## Project Specific Experience

### Project Management

- Ecological Field Coordinator/Monitoring Task Leader for the Chevron Guadalupe Restoration Project – Develop, coordinate, and conduct biological monitoring and permit compliance of 2,800 acre remediation site. Consult and coordinate with agencies' Onsite Environmental Coordinator about project work activities and permit compliance. Participate and direct field crews in performance of botanical and wildlife monitoring efforts. Interact with construction personnel and coordinate efforts to avoid disturbance to sensitive species and habitats. Develop and provide senior review of ecological reporting documents. Initiate protocols to ensure compliance with 1,200+ permit conditions. Delineate federal and state jurisdictional wetlands. September 1997 to June 2006.
- Multiple Projects – Performed as the Project Manager of biological survey efforts (budgets in excess \$100,000). Act as the Program Biologist identifying programmatic biological needs and efforts for a large pipeline portfolio. Task leader for several Application for Certification permitting efforts in determining the types of surveys needed and the compilation of findings into reporting documents.
- Phase I ESAs, Asbestos and Lead Surveys – Managed and trained staff in site assessment and asbestos/lead investigations. Conducted 100+ site assessments in California, Colorado, Hawaii, Illinois, Indiana, Nevada, and New Mexico. Subject properties ranged from multi-acre vacant, natural lands to large industrial facilities to a pharmaceutical manufacturing plant.

## Sensitive Species Experience

**California Red-legged Frog (*Rana aurora draytonii*)** identified presence through eyeshine survey techniques for hundreds of individuals, pit-tagged dozens of individuals, identified and differentiated individuals from other amphibian species.

- San Luis Obispo and Santa Barbara County – Conducted presence/absence surveys for California red-legged frogs and mapped habitats. 1999 through present.
- Chevron Guadalupe Restoration Project - Permitted to survey, capture, handle, and relocate California red-legged frogs. Includes pit-tagging and radio-tracking of individuals to monitor relocation efforts. Adult surveys include quarterly census surveys, presence/absence, and construction site clearance surveys. Survey efforts for tadpoles, including dip-netting and use of minnow traps. 1999 through present.
- Chevron Wylie Remediation Project, Santa Maria, CA – Habitat assessment, clearance surveys of work areas, and consultations with regulatory agencies. October 2007 to present.
- Capture, Handling, and Pit Tagging Workshop, Grover Beach, CA - small group led by Galen Rathbun on techniques to safely capture and handle California red-legged frogs, using bullfrogs (*Rana catesbiana*) as surrogates. Hands-on use of pit tag equipment on live bullfrogs. Workshop conducted in support of obtaining U.S. Fish and Wildlife approval to conduct such activities under the Guadalupe Restoration Project Biological Opinion. 2000.

**Blunt-nosed Leopard Lizard (*Gambelia sila*)** have found and identified adult and juvenile individuals, able to differentiate individuals from other lizard species, including side-blotched lizard (*Uta stansburiana*) and western whiptail (*Aspidoscelis [Cnemidophorus] tigris*).

- Pipeline Removal Project, McKittrick, CA – Protocol breeding season for presence. Reported findings to regulatory agencies. April to July 2008.
- Solar Energy Project, California Valley, San Luis Obispo County, CA – Conducted two years of protocol breeding season and juvenile surveys over a one and a half square mile parcel. 2007 and 2008.
- Energy Production Facility, Elk Hills, Kern County, CA – Conducted juvenile surveys over a half square mile parcel and linears. Acted as survey lead. August 2008.
- Attended The Wildlife Society workshop in survey and monitoring techniques for blunt-nosed leopard lizard. May 2007.

## **California Tiger Salamander (*Ambystoma californiense*)**

- Wylie Remediation Project, Santa Maria, CA – Burrow scope surveys, burrow collapse, construction monitoring, and agency consultation. Daily morning clearance surveys prior to work initiation. March 2008 to present.
- Oil Field Assessment Sampling, Cat Canyon, CA – participated in assessment of sampling locations to determine potential for California tiger salamander presence. January 2007.



### **Desert Tortoise (*Gopherus agassizii*)**

- Solar Energy Project, Johnson Valley, San Bernardino County, CA – habitat assessment and survey of 14 square miles. Protocol surveys for desert tortoise. Acted as survey crew leader. Other species commonly observed include desert horned lizard (*Phrynosoma platyrhinos*) and long-nosed leopard lizard (*Gambelia wislizenii*). March to June 2008.
- Solar Energy Project, Johnson Valley and Hector Valley, San Bernardino County, CA – survey area of over 20,000-acres for protocol surveys for desert tortoise. Surveyed project site and proposed transmission line corridors. Also conducted general habitat mapping, Waters of the U.S. delineations, rare plant surveys, and habitat surveys for the Mojave ground squirrel (*Spermophilus mohavenissi*). March to July 2007.
- Mojave Desert – Completion of the Desert Tortoise Council Annual Surveying, Monitoring, and Handling Techniques Workshop. Training included survey techniques for individuals and their sign, assessment of habitat, handling techniques, and burrow construction. 2003.

### **Tidewater Goby (*Eucyclogobius newberryi*)**

- City of Santa Barbara Laguna Channel Tide Gate Repair – Lead Biologist. Conduct survey for tidewater goby prior to work activities. Captured and relocated individuals prior to cofferdam placement and de-watering activities; monitored construction activities to avoid impacts to species. Field work included seining tidal lagoon channels, installation of blocking nets, capture and identification of listed and common species encountered, and transportation/release. Prepared biological monitoring report for ACOE and USFWS submittal. November 2006 through February 2007.
- Santa Barbara Airport, Los Carneros and Tecolotito Creek Realignments – Captured and relocated individuals from the former creek channels. Population census in restored/realigned creek channels. Field work included seining creek channels, dip net capture, identification of listed and common species encountered, and transportation/release. 2006 and 2007.

### **Wetland Delineations**

- Performed the initial survey and subsequent update surveys to identify and delineate wetlands according to federal definitions at the 2,800-acre Guadalupe Restoration Project. Employed both routine and comprehensive survey methods with findings reviewed by ACOE and NRCS. 1997 and 2004.
- Performed the initial survey and subsequent update surveys to identify and delineate wetlands according to California state definitions at the 2,800-acre Guadalupe Restoration Project. Developed specific analysis methods to satisfy CCC concerns. Findings reviewed by CDFG and CCC 1998 and 2003.
- Guadalupe-Nipomo Dunes – Conduct an identification survey of wetland habitats throughout the entire dunes complex. Developed



identification and screening criteria, classification and descriptive identifiers, and survey methodology. Employed aerial photography interpretation for initial target identification. Mapped wetland habitats with sub-meter GPS unit for data to be incorporated into an existing GIS project. 2004 to present.

- Administrative Hearing with the Army Corp of Engineers for the Santa Maria Airport District. Presented to Hearing Officer in support of District's opinion that wetlands unfairly identified by ACOE personnel. Hearing resulted in no action taken by ACOE against District.

#### **General Vegetation Surveys, Wildlife Surveys, and Habitat Assessment**

- Conducted regimented surveys and mapping efforts for La Graciosa thistle (*Cirsium loncholepis*), surf thistle (*Cirsium rbothopilum*), and beach spectacle-pod (*Dithyrea maritima*). Initial survey and mapping of presence. Annual censusing of populations. Monitoring of construction activities to ensure avoidance of disturbance to individuals and habitat. 1998 to present.
- Prepared biological sections for Application for Certification documents submitted to the California Energy Commission regarding power generating stations. September 2006 to present.
- Presence survey. Population mapping, and habitat assessment for Gaviota tarplant (*Deinandra increscens* ssp. *villosa*) for a naturally vegetated 16-acres site at Vandenberg Air Force Base, California. June 2006.
- Habitat Inventory and Ecological Database (HIED) development for the 2,800-acre Guadalupe Restoration Project. Scope included the initial mapping of sensitive flora, sensitive fauna, weed infestation, habitat quality, and several other parameters. Data developed from aerial photograph interpretation, qualitative and quantitative surveys, and specific presence/absence surveys per species. Updated annually. 2002 to present.
- Pre-disturbance assessment and restoration monitoring surveys to determine habitat composition and quality. Developed protocols for photograph documentation efforts. Spring 1998 to present.
- Construction monitoring to ensure compliance with over 1,200 permit conditions. Work with contractors and construction personnel to minimize native habitat disturbance and avoid sensitive and listed flora and fauna. Spring 1998 to present.

#### **Specialized Training**

- Annually/8-Hour HAZWOPER Annual Refresher
- 2006/Loss Prevention System Training, a Behavior Based Safety Program
- 2006/Smith System Advanced Driving Traffic Safety
- 2003/PADI Certified Open Water Diver
- 2001/Stormwater Pollution Prevention on Construction Sites, California State Water Resources Control Board
- 1999/Certified Beer Master, Anheuser-Busch, Inc.



- 1996/40-Hour Hazardous Waste Workers' and 24-Hour First Responder Health and Safety Training

### **Chronology**

- 06/06-present: URS Corporation, Santa Maria, CA
- 10/02-06/06: (sd)<sup>2</sup> ecology, Grover Beach, CA
- 06/95-09/02: LFR, Inc., Santa Maria, CA

### **Contact Information**

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