

# ROSALIE A. SKEFICH, CHMM, REA

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## EDUCATION

B.S., Chemical Engineering, University of California, Berkeley, 1983  
Certificate in Hazardous Materials Management, University of California, 1990  
Various Business Management Courses, Santa Barbara City College, 1993  
Successfully completed ISO-14001 Lead Auditor course, April 1997

## REGISTRATION / CERTIFICATION

ICC-certified California UST Systems Operator 5243678  
California-Registered Environmental Assessor #01666  
40-hour OSHA HazWoper Health & Safety Training

## PROFESSIONAL HISTORY

Custom Environmental Services (1993 – Present)  
Founder / President

Dames & Moore, Inc. (1987 – 1993)  
Senior Regulatory Compliance Specialist

Raytheon Company, Electromagnetic Systems Division (1986 – 1987)  
Microelectronics Process Engineer

Ferro Corporation, Electronic Materials Division (1985 – 1986)  
Materials Development Engineer

Santa Barbara County Air Pollution Control District (1984 – 1985)  
Air Quality Control Engineer

## SELECTED EXPERIENCE

Ms. Skefich has over 24 years professional work experience in the agency, industry, and environmental consulting arenas. Ms. Skefich is a Regulatory Compliance Specialist with extensive knowledge of many industrial, laboratory, oil and gas, and government installation process operations. As a consultant, she has managed and conducted numerous projects, including environmental compliance audits, waste management plans, air permits and air toxics emissions inventory assessments, ISO 14001 consulting, water quality management plans, litigation support, and contaminated property management for commercial, industrial and government facilities.

## COMPLIANCE AUDITS

- Team member for audits of bulk marine terminals located in the San Francisco Bay Area, responsible for air and water quality issues.
- Conducted multi-media audits and due diligence for several plastic pipe manufacturing facilities as part of an ownership transaction.
- Team member for several audits of a major electrical utility provider in California responsible for air, hazardous waste, underground storage tank, spill prevention, and water quality issues.
- Conducted a week-long audit (primarily administrative) for a Title V ship maintenance facility located in San Francisco.
- Conducted an environmental, health and safety compliance survey of three medical waste transfer stations (warehouse operations) and one medical waste treatment facility in California for purposes of SEC filing environmental disclosures.

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- Conducted comprehensive compliance audits of a hazardous waste analytical laboratory, a medical device manufacturer, a liquid urethane two-component system manufacturing facility, universities and colleges, electronics manufacturing, and hospitals.
  - Conducted compliance audits of several TSDF facilities, including Gibson Environmental, Chem-Tech Systems, Crosby & Overton, Evergreen Oil Recycling, Petroleum Resources Corporation, Broco Environmental, Phillips Transportation, and Lonestar RMC Cement.
  - Conducted environmental compliance audits every 6 months for eight years for a polyvinyl chloride manufacturing operation as required by their financier.
  - Conducted a multi-media, comprehensive compliance audit for a major citrus fruit processing plant, including bulk juice storage facilities located in Ontario, California. Contributed to the team preparing the OSHA Process Safety Management (PSM) program for ammonia.
  - Conducted a comprehensive Phase I and compliance audit of a steel coil electro-galvanizing facility while providing staff-loan assistance one day a week for over a year. Tasks included managing the three Phase II sub-surface investigations, auditing the TSDFs in Arizona, managing sub-contractors, reorganizing environmental files, and addressing all compliance issues identified.
  - Conducted environmental compliance audits, including DOT requirements, for a hazardous waste and radioactive waste transfer station. located in Orange, California.
  - Performed as audit team member for a brewery, aluminum can manufacturing plant in Colorado, a wholesale distributor, an entertainment park, and a rice mill in California covering the air, hazardous waste, and Community Right to Know compliance protocols.
  - Served as Regulatory Compliance Manager for a fast-track environmental survey of 53 oil and gas fields located in 8 western states.
  - Prepared compliance checklists for all local, state, regional and federal environmental regulations as they apply to the oil and gas production industry throughout California.
  - Conducted audits of a California asphalt refinery, two geothermal power plants located in Nevada, and a former refinery site located in Oklahoma and listed as a Federal Superfund site.
  - Conducted a comprehensive (week-long) hazardous material management compliance assessment for an over 100-bed acute care hospital in Santa Barbara in preparation for the Joint Commission accreditation inspection.
  - Served as team member for compliance audits conducted for properties owned by a major Southern California water distribution company.

### **HAZARDOUS MATERIALS / WASTE MANAGEMENT**

- Provided staff-loan services 2 days per week for an 8-month period to a major semiconductor manufacturer in Ventura County handling the air, wastewater, hazardous waste compliance and ISO-14001 conformance.
- Provided staff-loan assistance one day a week for an 8-month period to a paper products manufacturing facility in Ventura County. Assigned tasks improved existing environmental systems, including stormwater management, RCRA contingency plan, waste profiles, environmental records management, Prop 65, re-do of the Hazardous Materials Business Plan, and re-vamp of the chemical inventory and Materials Safety Data Sheet management.

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- Provided staff-loan assistance one day a week for over a year to a steel coil electro-galvanizing facility in Orange County. Tasks included establishing systems for day-to-day environmental, health and safety compliance, managing three Phase II sub-surface investigations, auditing TSDFs in Arizona, managing sub-contractors, reorganizing environmental files, and addressing all compliance issues identified.
  - Provided 3-day per week staff-loan services for a 6-month period as Environmental Compliance Director for a TSDF under new ownership in Rialto, San Bernardino County, addressing new ownership transition documents and all environmental, health and safety compliance issues. Assisted with customer waste profiling.
  - Provided staff-loan assistance two days a week for over a year to an aircraft engine maintenance and test facility. Tasks included preparing a Hazardous Materials Business Plan, preparing a Hazardous Waste Biennial Report for over 100 waste streams, identifying options for waste disposal, preparing hazardous waste tax reports, preparing documentation for re-classifying waste as non-hazardous, and developing a waste characterization plan.
  - Served as Environmental Compliance Manager for a major medical device manufacturer in Orange County assisting in the implementation of the ISO-14001-equivalent Environmental Management System Program.
  - Environmental manager for the cleanup of a former 10-acre lead slag waste site, responsible for drafting closure plans and reports, retaining appropriate environmental and safety professionals, and negotiating closure with DTSC.
  - Assisted with the preparation of a Risk Management and Prevention Program (RMPP) for a hydrogen sulfide-laden, natural gas processing facility located in Santa Barbara County and for a cogeneration plant located in Los Angeles utilizing ammonia for NOx reduction (SCR). Responsible for developing the facility description, system and equipment description, training program, and record keeping procedures.
  - Managed the preparation of source reduction documents for the California Hazardous Waste Source Reduction and Management Review Act of 1989 (SB 14) for an polymer diode manufacturing facility, automobile wheel manufacturing facility, a motion picture film processing facility, and a steel parts dip galvanizing facility.
  - Managed the preparation of federal Risk Management Plans (RMPs) for two bus maintenance facilities that store and use propane gas.
  - Prepared a TSDF's Annual Report that included over 400 incoming waste streams and 100 outgoing waste streams. Facilitated the electronic filing through use of Excel spreadsheets and mail merge tools of a computer-generated form.
  - Part of a team that prepared a RCRA Part A and Part B permit application (accelerated schedule) for a DOE-operated Explosive Ordnance Facility near Las Vegas, Nevada and for the U.S. Marine Corps Logistics Base hazardous waste storage facilities.
  - Prepared the multi-chapter Standardized Permit Application required for permitting a non-RCRA wastewater treatment facility in Orange County.
  - Identified and described hazardous materials, waste, and wastewater permits required for an oil-impregnated, diatomaceous earth open-pit mining project and for a new chemical cleaner product line located in California.

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- Drafted the hazardous materials / waste section and was responsible for the quality assurance / quality control of the Environmental Permit Application document submitted to the CPUC for the new owners of a new 50 MW electrical power generating facility.
  - Managed the regulatory compliance support program for an electronics-manufacturing firm. Tasks included preparing a Hazardous Materials Management Plan (HMMP), Business Plan, Hazardous Waste Biennial Report, SARA Title III Toxic Chemical Release Report (EPA Form R), and air emissions inventoring and permitting.
  - Prepared Toxic Chemical Environmental Release Estimates for automobile assembly facilities, electronic manufacturing facilities, furniture manufacturing, a steel wire manufacturing facility, and a TSDF for SARA Title III, Section 313 reporting (EPA Form R).
  - Prepared RCRA Closure Plans for three underground storage tanks containing waste solvents. Documents were prepared following the DHS January 1991 guidelines and submitted to the DTSC, Region IV.
  - Prepared Permit by Rule Closure Plan and cost estimate for the wastewater treatment facility of a steel coil electro-galvanizing company.
  - Prepared a remedial action plan (RAP) for a state Superfund site contaminated with heavy metals and organics located in Commerce, California. Involvement included interacting with DTSC, Region III personnel to ensure RAP approval.
  - Served as Environmental Compliance Manager for a semiconductor device manufacturer in Ventura County, addressing all environmental, health and safety compliance issues, including stormwater, Permit By Rule and wastewater treatment plant improvements.
  - Provided guidance to a printed circuit board manufacturing company in Orange County to help comply with California Tiered Permitting requirements. Drafted unit closure plans and cost estimates.
  - Supported an architect's design for an aircraft interior refurbishing company by identifying the chemicals storage and management requirements and regulations triggered by the chemicals.
  - Identified cleanup precedences and ARARs for 72 pesticide-contaminated sites located in 5 states. Sites were once used for formulating pesticides.
  - Managed a project that identified building, planning, and environmental permit requirements for five jurisdictions in the San Francisco Bay Area proposed for siting a rare earth magnet treatment facility.
  - Conducted a building occupancy assessment for a proposed pharmaceutical manufacturing facility and successfully recommended the less-onerous occupancy rating.
  - Developed hazardous materials emergency response plans for an acute care hospital, wood furniture manufacturing, and updated an oil production company's waste contingency plan.

### **WATER QUALITY MANAGEMENT**

- Prepared the Stormwater Pollution Prevention Plan and the Monitoring Program for airports, an automobile wheel manufacturing plant, cable manufacturing facility, food manufacturer, and medical waste treatment facilities in accordance with the California NPDES General Permit guidelines.
- Prepared the NPDES wastewater discharge application for a parking structure de-watering project in Los Angeles.

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- Prepared an industrial wastewater permit application for a drum reconditioning facility within Los Angeles County Sanitation Districts.
  - Prepared an industrial wastewater permit modifications to reflect the addition of a chemical retail cleaner product manufacturing line and proposed equipment washing operations for a wood furniture manufacturing facility located within Los Angeles County Sanitation Districts.
  - Prepared Spill Prevention Control and Countermeasure Plans for four onshore and offshore oil and gas production facilities and food manufacturer.
  - Collected data for a wastewater treatment unit designed for semiconductor manufacturing acids and metals to assess feasibility of improvements, including fluoride ion elimination and filter cake dehydration.

### **EXPERT TESTIMONY / ENGINEERING DESIGN & CONSTRUCTION MANAGEMENT**

- Served as EPCRA TRI environmental compliance expert for explosives manufacturing company defendant. Prepared Expert Report in accordance with Federal Rules of Civil Procedure, Section V, Rule 26.
- Served as environmental expert for plaintiff identifying applicable regulatory framework to the transportation of a partially filled propane tank to a metal scrap yard.
- Served as environmental expert for plaintiff (homeowners) that had concerns about pesticide application to their home.
- Served as environmental compliance expert for plaintiff in an environmental due diligence dispute for a commercial property transaction involving a nearby leaking underground storage tank site in Buellton, California.
- Served as environmental compliance focal point for class-action plaintiffs to retain geologists, industrial hygienists, and analytical laboratories and review data generated during a sub-surface and air sampling investigation for a large petroleum hydrocarbon contaminated area located under plaintiffs' residences in Avila Beach, California.
- Generated environmental requirement specifications for the design and construction of the Lompoc Airport Master Plan that corresponded to mitigation measure in the project EIR.
- Assisted an oil company in Santa Barbara County with environmental regulatory requirements associated with abandoning a platform-to-shore pipeline.

### **AIR PERMITTING / AIR TOXICS / EMISSIONS INVENTORIES**

- Principle Investigator for a Title V permit application renewal of a plate glass manufacturer in Fresno County.
- Prepared air permit application for new surface treatment tanks and scrubbers for an aerospace metals testing and inspection facility in South Coast Air Quality Management District.
- Prepared responses to Santa Barbara County Air Pollution Control District-issued Notices of Violation for semiconductor manufacturing facilities.
- Prepared Air Toxics Emissions Inventory Plans for a semiconductor company, natural gas processing plant, a truck bed assembly and surface coating operation, and various oil and gas production facilities in accordance with the California State Assembly Bill 2588, Air Toxics "Hot Spots" Information and Assessment Act of 1987.

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- Prepared permit applications and exemptions for several semiconductor electronics manufacturing facilities in Santa Barbara County.
  - Conducted a comprehensive inventory of emission sources and a permit applicability assessment of the Cal-State Long Beach University campus in preparation for SCAQMD Clean Air Act, Title V permit application requirements.
  - Developed air emissions inventories for various operating scenarios for the Southern California Edison electricity generating stations in Ventura County.
  - Prepared a comprehensive SCAQMD air permit application addressing VOC emissions from a proposed chemical cleaner product manufacturing line.
  - Team member for a comprehensive air compliance audit of a major aerospace semiconductor electronics facility in Manhattan Beach.
  - Successfully obtained exemptions from compliance with SCAQMD Clean Air Act, Title V permit requirements for a citrus processing facility and a pharmaceutical manufacturing facility.
  - Conducted a comprehensive environmental compliance assessment and assessed applicability of all sections of the Clean Air Act Amendments to an oil and gas processing facility located in Southern California.
  - Participated as a team member in developing Clean Air Act, Title V compliance strategies appropriate for a major aircraft manufacturer located in the SCAQMD jurisdiction.
  - Completed a Ventura County APCD rule applicability assessment and VOC emissions estimate for a printed circuit board manufacturer.
  - Prepared a permit application for a surface coating facility with a multi-paint spray booth conveyORIZED system located in Nevada.
  - Developed numerous air emissions inventories for oil and gas exploratory drilling operations and for the underground installation of pipelines.
  - Conducted several indoor air quality assessments of commercial and residential structures, attempting to identify sources. EPA guidelines contained with “Building Air Quality”, December 1991 were implemented. Interacted with industrial hygienists to complete air sampling when necessary.

### **ENVIRONMENTAL ASSESSMENTS / CONTAMINATED PROPERTY MANAGEMENT**

- Managed and conducted Phase I Environmental Assessments for over 300 properties, including heavy industrial, shopping centers, ranches, vineyards, oil and gas production facilities, hospitals, undeveloped lands, commercial and multi-unit residential locations. Many were conducted as multi-site projects with accelerated schedules.
- Served as Project Manager for several property and underground tank owners located in Santa Barbara and Los Angeles County to develop Request for Proposals, select contractors, oversee tank removal activities, submit agency reports, prepare Cleanup Fund reimbursement requests, and submit requests for site closure.
- Served as Principle Investigator for literature search and air and wipe sample collection for the interior of a residence allegedly contaminated with residue from Dursban, a pesticide intended for exterior use.

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- AFFILIATIONS** Air & Waste Management Association (AWMA) –Board Member  
 Society of Women Engineers – Former Board Member  
 California Waste Association – Former Board Member  
 American Public Works Association (APWA) – Former Officer  
 Community Awareness & Emergency Response (CAER) – Former officer / Active Member
- GUEST PRESENTER**
- Introduction to Engineering, SBCC, 1995 – present (quarterly)
  - Society of Women Engineers, November 2006
  - EZ Environmental Solutions Annual Dealer Meeting, San Francisco, February 24, 2000
  - Santa Barbara City College, Entrepreneur Class, 1999
  - International Right-of-Way Association, Santa Barbara Chapter, Tenant Environmental Audits, 1999
  - International Facility Manager’s Association, Compliance Issues, 1998
  - Exhibitor at Environmental Career Fair, UCSB, 1998
  - Career Opportunities for Senior Environmental Studies Students, UCSB, 1997
  - Environmental Audits, Glendale HazMat Training Program, 1996
  - Green Building Standard, American Institute of Architects and Air & Waste Management Association, Channel Islands Chapter, February 1995
  - Environmental Framework / Issues Associated with High-Rise Hotel, Introduction to Property Management, Santa Barbara City College, Fall 1994
  - Registered Environmental Assessors: Pros and Cons, Environmental Audit Forum, San Diego, 1993
- INSTRUCTOR**
- SARA Title III, Emergency Planning and Community Right to Know Act (EPCRA), Government Institutes, Inc. Environmental Laws and Regulations Compliance Course, April 1996
  - Environmental Programs for the Printing Industry, Community Environmental Council, June 1994
- PUBLISHED**
- Various private (Custom Environmental Services ) and trade association newsletter articles (A&WMA, SWE)
  - “California Waste Bills”, BLR Environmental Compliance newsletter (Region 9 edition), June 2002
  - “Options for California Contaminated Property Restoration”, BLR Environmental Compliance newsletter (Region 9 edition), October 2001
  - “Changes to California Hazardous Waste Code System”, BLR Environmental Compliance newsletter (Region 9 edition), September 2001
  - “New California Underground Storage Tank Requirements”, BLR Environmental Compliance newsletter (Region 9 edition), August 2001
  - “Cyanide Treatment Regulations To Be Eased, BLR Environmental Compliance newsletter (Region 9 edition), July 2001
  - Appointed consulting editor to BLR, Environmental Compliance newsletter
  - “Hazardous Waste Exemptions on Horizon Under Revamped HWIR-Waste Proposal”, Environmental Manager’s Compliance Advisor, BLR, February 17, 2000
  - “Proposed RCRA Burden Reduction: Problematic or Welcome Relief to Generators and TSDFs? ”, Environmental Manager’s Compliance Advisor, BLR, July 23, 1999
  - “Metal Product Manufacturers Next in Line for EPA’s Effluent Guidelines”, Pollution Engineering, Cahnrs Publishing, March 1999
  - “Liability Protection for Property Tenants and Owners”, Environmental Manager’s Compliance Advisor, BLR, January 4, 1999
  - “Metal Product Manufacturers Next in Line for EPA’s Effluent Guidelines”, Environmental Manager’s Compliance Advisor, BLR, May 1997.
  - “Tenant Environmental Audits”, Santa Barbara Realtor, 1994
- LANGUAGES** English, Italian, Conversational knowledge of Spanish