

# **Gordon M. Johnson M.S.**

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## **SUMMARY OF EXPERIENCE:**

Extensive experience in both a professional industrial career in the energy business as well as an academic career as a university educator in energy resources, renewable energy, sustainability, and environmental impacts from energy usage.

Career in the energy business has encompassed management and technical and regulatory efforts in a variety of environmental areas: environmental permitting, wastewater treatment, hazardous waste reduction and minimization, groundwater recovery and remediation, and air pollution abatement systems. Established a network of resources and contacts with various environmental regulatory agencies, industry professionals, and academic leaders in conjunction with professional and academic pursuits.

## **EMPLOYMENT:**

**PBF Energy Resources - Martinez Refining Company LLC --2/2020 to 3/2022**

**Shell Oil Products US Martinez Refining Company --10/90 – 2/2020**

**Manager, Environmental Affairs Regulatory Department – 1/2016 – 3/2022**

Manage refinery regulatory department of 10 environmental engineers and technicians.

Responsible for overall management of refinery compliance. Emergency Response Public Liaison Officer.

**Environmental Permitting Engineer --5/2001 – 1/2016**

Coordinate application and permit development support for oil refinery environmental permits. Manage multiple consulting firms for permitting efforts and serve as primary contact to regulatory agencies.

Permitting efforts include developing and acquiring permits under agencies including Contra Costa County, Bay Area Management District (BAAQMD), Environmental Protection Agency (EPA), California Energy Commission (CEC), State Lands Commission, City of Martinez, Office of California State Fire Marshall, Department of Toxic Substances Control (DTSC), and San Francisco Bay Regional Water Quality Control Board (SFBRWQCB). Extensive experience with California Environmental Quality Act (CEQA) Land Use permitting and completion of two Environmental Information Reports (EIR), Trained in Public Affairs for Media and Community Emergency Response. Managed the facility's Independent Standards Organization (ISO14001) program.

**Campus Recruiter for Shell Oil at University of Colorado-Boulder -- 2004-2012.**

Served as lead for Engineering Recruiting Team (20+ members). Conducted 100+ interviews. Awarded "Outstanding Recruiter of the Year" out of approx. 250 candidates. Prepared and presented talks to student groups on topics including: "*Climate Change is Real and Here Now. So What Do We Do About it?*", "*World Energy Status, Challenges of an Energy Company in Today's Environment*", "*Renewable Energy - Current and Future Trends*", "*What does an Engineer Do for Shell Oil?*", "*How to Prepare an Effective Resume*", and "*How to Interview Successfully.*"

**Residuals and Groundwater Environmental Engineer -- 5/98-5/2001.**

Oversaw environmental compliance for refinery hazardous waste and groundwater remediation operations. Directly supervise three employees. Provide analytical chemistry support to both hazardous waste and groundwater testing.

**Process Engineer -- 10/95-5/98.**

Provided engineering and project management support to logistical department (oil product movement department in oil refinery.) Developed and initiated environmental process equipment upgrade projects (e.g., vapor recovery systems). Developed and initiated upgrade of groundwater remediation systems. Primary contact for San Francisco Bay Regional Water Quality Control Board for facility for NPDES compliance.

**Environmental Chemist & Lab Supervisor -- 10/90-10/95.**

Oversaw environmental compliance for NPDES compliance of refinery. Direct supervision of three employees. Provided analytical chemistry support for wastewater testing and hazardous waste testing. Designed and oversaw construction of aquatic bioassay testing facility. Supervised efforts to acquire California Environmental Laboratory Accreditation. Provided organic and analytical chemistry support to refinery Quality Assurance testing laboratory.

**University of San Francisco Environmental Management Program, San Francisco, CA, 4/98-Present.**

**Adjunct Faculty - Graduate Course Instructor**

Developed and teaches graduate university energy courses including “*Energy and the Environment*”, “*Renewable Energy and Sustainability*”, and “*Energy Resources and the Environment*” in the University of San Francisco Environmental Science program. Emphasis in courses is the development of skills to evaluate various energy systems and their impact on political, economic, environmental, and sustainable areas. Also developed and taught course “A Comparison of Environmental Management in the U.S. and China.”

**EDUCATION:**

University of San Francisco, San Francisco, CA – Masters of Science, 1998. Major in Environmental Management. Dissertation: *The Toxicity of a Petroleum Refinery Effluent to an Estuarine Shrimp*.

Oregon State University, Corvallis, OR– Bachelor of Science, 1990. Chemistry.

**PRESENTATIONS AND PROFESSIONAL AFFILIATIONS:**

**Participate, Earthwatch Institute, “*Climate Change in Fragmented Forests*,”** June 2013, Oxfordshire, UK. Worked with Oxford University staff on project to assess the influence of climate on plant and tree populations in different forest types.

**Participant, Earthwatch Institute, “*Restoring Easter Island’s Forests*,”** June 2012, Rapa Nui, Chile. Worked with University of Chile staff on project characterizing extent of Easter Island’s forest restoration viability and a project to identify locations to repopulate historic areas of habitation.

**Participant, Earthwatch Institute, “*Climate Change near the Arctic’s Edge*,”** October 2007. Churchill, Manitoba. Worked with University of Alberta and Churchill Northern Studies Center staff to establish climate change monitoring stations in Manitoba.

**Presenter, Sustainable Opportunities Summit 2007,** Denver, Colorado, Presentation: *Shell Oil and Sustainable Development in the Modern Age*.

**Presenter, Dissigno Energy Sustainability Seminar 2006,** San Francisco, CA: *Renewable Energy. Right Solution. Wrong Problem*.

**Presenter, Society of Environmental Toxicology and Chemistry National Conference,** Charlotte, North Carolina 1998. Presentation: *The Toxicity of a Petroleum Refinery Effluent to an Estuarine Shrimp*.

**MSEM Career Program Alumni Panel Facilitator,** University of San Francisco March 2022

**Member,** World Affairs Council, San Francisco Bay Area Chapter.

**Coach,** Leukemia and Lymphoma Society Team in Training Bicycling Team, 2004 to 2012.

**Various Affiliations:** East Bay Regional Parks, International Mountain Biking Association, Livestrong, Safeway Club Card holder, Friends of China Camp.