



Carter Redding, CHMM
Project Manager
Oscar Larson & Associates

REGISTRATION: Certified Hazardous Materials Manager, 2003, #12242

EDUCATION: M.S., Earth Science (Summa cum Laude), Case Western Reserve University, Cleveland, Ohio, 1976
B.A., Geology (cum Laude), Case Western Reserve University, Cleveland, Ohio, 1973

INTRODUCTION:

Mr. Redding has over 10 years of experience in the fields of hazardous materials, regulatory compliance and emergency planning management and training. He has more than 25 years of experience in the general fields of research, engineering, and applied science. His foundation disciplines in geology and geochemistry have been used to develop treatment technologies, provide individual customer solutions using standard industrial technologies, and as a basis for his engineering work. His specialty is in bringing his diverse experience to produce unique solutions for his clients' problems, and being able to work and manage different personnel from different groups in a team setting.

Mr. Redding's main work is in the areas of hazardous material and hazardous waste storage. His passion is managing these environments to help clients provide a safe environment for their workforces and the neighborhoods surrounding their facilities. To that end, he participates in and manages safety program and emergency planning and response activities for his clients. He was certified as a Hazardous Materials Manager (CHMM) in 2003.

EXPERIENCE:

OSCAR LARSON & ASSOCIATES

Mr. Redding is the principal person in the Roseville Office for evaluating client regulatory exposure in the areas of fire safety, hazardous material storage and usage, and hazardous waste storage. He manages a team that evaluates these issues and provides training for Hazardous Materials First Responders at the awareness, operations, and industrial technician level.

Mr. Redding is responsible for implementing comprehensive hazardous materials risk assessment, regulatory program responses, and management overview of client sites. A partial list of this work includes: site investigations and the development and preparation of Hazardous Materials Business Plans; Injury and Illness Prevention Plans (IIPP), development of Program 2 and 3 Risk Management Programs and Process Safety Management Plans; including the specialized documentation required for Hazard Reviews and Process Hazard Analyses; and development of ancillary programs such as SPCC and SWPPP/SWMP plans.

This work includes developing the documentation needed for regulatory compliance, developing the emergency response planning necessary to mitigate the effects of the chemical or other hazards, and developing and providing the training plans necessary to effectively implement the response plans. In addition Mr. Redding provides clients with inspections and mock OSHA inspections to gauge their level of compliance and help them prepare for regulator visits.

Finally, Mr. Redding is part of an experienced team that performs physical and chemical security vulnerability assessments. As with hazardous material risk assessments, this work has three phases: The vulnerability assessment, the development of the emergency response plan, and the training program to effectively implement it.



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MACKAY AND SOMPS

Mr. Redding's experience as a team member was in infrastructure plans for land development, including residential and commercial, development. His responsibilities included design and preparation of production documents, including construction drawings, details, grading quantity estimates, and specifications under the direction of a project engineer.

HELMICK & LERNER

Mr. Redding's responsibilities were for the preparation of engineering designs, construction drawings, and specifications under the direction of a project engineer for a variety of municipal infrastructures, including water systems, drainage systems, storm drainage, wastewater treatment plant projects, and contamination investigation and mitigation projects.

ENVIRO-BUBBLE FLOTATION, INC.

Mr. Redding was the Production Manager for the company's proprietary products for use in industrial and municipal wastewater treatment facilities. He also engaged in research and development of commercial scale methods for the generation of aphron emulsions used in the company's products.

WEST LABORATORIES

Mr. Redding was an analytical chemist with responsibilities for laboratory and pilot scale development of treatment processes used to remove lead and lead byproducts from soils. The techniques that he developed were subsequently used in multiple successful remediation efforts.

RECENT PUBLICATIONS:

Hydrocyclone having an unconstrained vortex breaker. U.S. Patent 6,849,182. Issued 2/1/2005.

ADDITIONAL CERTIFICATIONS: CSTI First Responder Awareness, Operations,
Industrial Technician & Decon
OSHA Authorized 10 and 30 hour General Industry Outreach
Safety Instructor
ARC Instructor for US DOT Emergency Response

MEMBERSHIPS: Academy of Certified Hazardous Materials Managers
President Sacramento Regional Citizens Corp Council (SRCCC)
SAWWA

OTHER: Lecturer Monterey County CUPA on various Hazardous Materials topics 2004-2006