

# David McCarty, REM

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## Professional Licenses, Registrations and Appointments

**Registered Environmental Manager (REM)**, #12439, National Registry of Environmental Professionals

## Employment History

Environmental Scientist, Dougherty Sprague Environmental, Inc. (**dse**), Richardson, Texas, 2002 - Present

Environmental Scientist, V-tech Environmental Services, Inc., Lubbock, Texas, 2002

Quality Control Scientist, Entact, Inc., Grapevine, TX, 2000-2001

## Professional Experience

Mr. McCarty has over seven years experience in the field of environmental science, and has over a year of experience working as a chemist in a wet chemistry laboratory. He has been called on to provide regulatory support for federal, state, local, and industrial clients in areas of sampling, analysis, design, oversight, and technical support.

### Emergency Response

He has conducted over 140 emergency response investigations for the EPA Region 6 START-2 and START-3 programs. Examples of response work included conducting site investigations; air monitoring; air, soil, and water sampling; Level A, B, and C entries; and providing technical support and proper documentation for such activities. High profile responses included the Hurricanes Katrina/Rita Response and Recovery and the Columbia Space Shuttle STS 107 Response.

Recent key projects include:

- **Hurricanes Katrina/Rita Response and Recovery**, he was the Emergency Response Group Supervisor and Branch Director within the Emergency Response Branch of the Incident Command System Structure, and led a team of 50 technical field personnel.
- **Columbia Shuttle Response and Recovery**, he led a team of 60 technical field personnel at the Hemphill/Jasper, Texas, field office. His responsibilities involved training and management of the team to conduct hazard screening and documentation of material recovered after the Space Shuttle Columbia incident.
- Other key responses included but were not limited to chemical plant explosions, waste incinerator facility fires, potentially contaminated water supplies, warehouses suspected of illegally storing and disposing of chemicals including identification of the chemicals utilizing Hazard Categorization Field Screening (HAZCAT®), train derailments where hazardous materials were released.
- He has participated in 12 emergency response exercises combined for the EPA Region 6 START-2 and START-3 programs including participation in the design of a multi-day exercise to evaluate EPA progress toward meeting the National Approach to Response Policy goals. The exercise included over 20 federal, state, and local agencies with close cooperation among the EPA-Criminal Investigation Division, the FBI, and the North Texas Joint Terrorism Task Force.

Site Assessments and Remediation

Examples of additional work he has performed include various multi-agency requirements for site assessments, water sampling projects under the National Pollution Discharge Elimination System (NPDES) program, and CERCLA (Superfund), mold sampling and remediation activities, as well as internal QA/QC activities for the cleanup of National Priority List Superfund sites.

Recent key projects include:

- USEPA - Office of Inspector General (OIG), various sites nationwide. Mr. McCarty assisted with sampling of groundwater and surface water for various analytes including Metals, Cyanide, volatile organic compounds (VOCs), and semi-volatile organic compounds (SVOCs). He also assisted with general site inspection, photographs and documentation. The primary goal of the assessments was to monitor the remedial action effectiveness and to validate previous sampling results at the sites.

**Education**

2000, Texas A&M University, Corpus Christi, Corpus Christi, Texas

**Master of Science**

- Environmental Science, Emphasis-Environmental Regulatory Compliance

1998, Lubbock Christian University, Lubbock, Texas

**Bachelor of Science**

- Environmental Science, Emphasis-Chemistry

**Relevant  
Continuing  
Education**

Forty-Hour Hazardous Waste Operations and Emergency Response, National Spill Control School, Corpus Christi, TX, 1999

Oil Spill Management using Incident Command System (ICS), National Spill Control School, Corpus Christi, TX, 2000

Ten-Hour OSHA Construction Safety and Health, 2002

Weapons of Mass Destruction, Awareness/Operational Levels, U.S. Coast Guard National Strike Force, 2002

Dangerous Goods Shipping Procedures Course, 2002

Confined Space Entry, Separation Systems Consultants, Inc., 2002

Hapsite (Portable GC/MS) Training & Field Use; Inficon, Inc., 2002

American Heart Association Workplace CPR/AED, 2002

Advanced Radiation Training, EPA Environmental Response Training Program, 2003

American Heart Association Adult CPR, Texas CPR Training, January 2005

5-Day HAZCAT@WMD Training Course, HazTech Systems, Inc., 2005

Radiation Safety and Health Protection, EPA (Nevada Technical Associates), 2005

H<sub>2</sub>S Certification, Arkansas Oil and Gas Commission, 2005

8 hour OSHA Supervisor Training, Hazmat School, 2006

8 hour Site Manager and Supervisor Training Course, Weston Solutions, Inc., 2006

Confined Space Entry-Entrant, Attendant, Non-entry Rescue Training Course, Weston Solutions, Inc., 2006

Hazardous Waste Management and Shipping for Environmental Professionals, Eduwhere, 2006

**David McCarty, REM (continued)**

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Function-Specific Dangerous Goods Shipping Procedures Training Course, 2002, 2004, 2006, 2007

8 hour HAZWOPER refresher training, Various Sources, 2000-2007

Blood Borne Pathogen (BBP) initial and refresher training and practices, Various Sources, 2003-2007

Workplace CPR, Various Sources, 2005, 2007

Basic Workplace First Aid, Various Sources, 2001, 2004, 2006, 2007

Phase I and Phase II Environmental Site Assessment Training, Dougherty Sprague Environmental, Inc., 2008

Incident Management, I-100, I-200, I-700, and I-800, Federal Emergency Management Agency Emergency Management Institute

Advanced Incident Management Program, I-300, I-339, and I-400 level, Incident Management Training Consortium, L.L.C. through the EPA Environmental Response Training Program