

## **Kay Hawthorne**

### **Managing Partner's Chief executive officer and co-founder**

As the managing partner's chief executive officer for H<sub>2</sub>A Environmental Ltd., Kay Hawthorne manages multi-disciplinary environmental and hazardous waste projects for both industrial clients and government agencies.

Hawthorne launched her career as an environmental scientist with Augeas Corp., where she implemented environmental compliance programs for petroleum industry clients. Hawthorne then moved to Ebasco Environmental (now Foster Wheeler Environmental), where she served as manager of environmental services. In this job, Hawthorne developed her project management and staff supervision skills while overseeing large-scale environmental and hazardous waste projects.

Next, Hawthorne took a position as a senior scientist and risk assessor for KEI Consultants Ltd., where she conducted risk assessments on sites contaminated by crude oil and refined fuels.

In 2000, Hawthorne formed H<sub>2</sub>A with the goal of applying superior technology and service to the environmental remediation industry. At H<sub>2</sub>A, she oversees the firm's financial management, personnel, technical operations and marketing.

Hawthorne earned a bachelor's degree in earth science from Baylor University, where she graduated summa cum laude and gained membership to Phi Beta Kappa. She then obtained a master's degree in environmental management and protection from the University of North Carolina at Chapel Hill, where she earned the Environmental Science Achievement Award.

Hawthorne has been designated a registered environmental manager. She has undergone extensive technical training on environmental auditing, human health risk assessment, industrial hygiene and occupational health and safety, hazardous materials handling, and site sampling and analysis.

For more information or to arrange an interview, contact Roy Miller at 972-716-4070 x235, or via e-mail at [rmiller@transsynergy.com](mailto:rmiller@transsynergy.com).

## **Michael Hawthorne**

### **Principal geologist and co-founder**

Michael Hawthorne serves as principal geologist and co-founder for H<sub>2</sub>A Environmental Ltd., where he oversees high vacuum and conventional remediation services.

Hawthorne began his career as a geologist and project manager for Groundwater Technology Inc., where he conducted site assessment and remediation projects. He then spent six years with Texaco Refining & Marketing Inc., as an environmental specialist. At Texaco, Hawthorne directed the assessment and remediation of more than 225 sites in Texas and Louisiana. He co-founded the Texas Mid-continent Oil & Gas Association's environmental subcommittee for petroleum distribution facilities and worked as an industry advisor for the development of state and federal regulations.

Hawthorne then took a position as regional manager for KEI Consultants Ltd. There he had sole management responsibility for the Dallas-Fort Worth regional office and oversaw comprehensive environmental cleanup and compliance programs.

In 2000, Hawthorne co-founded H<sub>2</sub>A with the goal of applying superior technology and service to the environmental remediation industry. At H<sub>2</sub>A, Hawthorne specializes in high-vacuum remediation, conventional remediation, multimedia compliance issues, litigation support, enforcement defense and management at facilities including refineries, pipelines, airports and industrial firms.

Hawthorne earned both bachelor's and master's degrees in geology from Baylor University. He then performed post-graduate work in groundwater hydrology at Wright State University. Hawthorne is a registered environmental manager and a licensed professional geologist.

He has undergone extensive training on environmental laws and regulations, air quality regulations and permitting, crude oil pipeline release response and statistical analysis of site sampling programs. Hawthorne also teaches training seminars on high vacuum remediation to regional and national companies and organizations interested in this leading-edge remediation technology.

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## **James Mosley**

### **Risk assessment services manager and co-founder**

A co-founder of H<sub>2</sub>A Environmental Ltd., James Mosley acts as the firm's risk assessment services manager. He conducts human-health and ecological risk assessments and developed the firm's groundbreaking software programs.

Mosley has attained nearly two decades of experience in the environmental industry. He launched his career as a sales engineer, designing commercial solar products for Cole Solar Systems. Mosley then worked as a staff engineer for Espey, Huston & Associates, where he modeled and designed major utilities for subdivision development.

Mosley then moved into the public sector, where he developed in-depth expertise in the state's environmental programs. As a senior engineer for the Texas Natural Resource Conservation Commission, Mosley worked in the agency's Petroleum Storage Tank Division. He managed all phases of investigative and corrective action at more than 200 sites, including more than 20 with direct impact on drinking water supplies or with explosive vapor conditions.

In 1995, Mosley joined KEI Consultants Ltd., as a senior risk assessor, where he conducted studies of sites in Texas and New Mexico.

Five years later, Mosley co-founded H<sub>2</sub>A with the goal of applying superior technology and service to the environmental remediation industry. At H<sub>2</sub>A, Mosley specializes in risk assessment, software development, and statistical data analysis. Mosley also provides engineering support to the firm's risk-based remediation programs.

Mosley earned a bachelor's degree in civil engineering and environmental studies from Princeton University, plus a master's degree in solar engineering from Trinity University. He is a registered professional engineer in the state of Texas, as well as a registered corrective action project manager. Mosley has undergone extensive training in risk assessment, accelerated site assessment techniques, remediation technologies and hazardous waste operations.

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