

Resumé:

KATE GIBSON

Ms. Gibson is an experienced environmental scientist with expertise in environmental, health and safety regulatory compliance, environmental due diligence, insurance, and site remediation. For over 20 years, she has managed and conducted regulatory environmental compliance audits and multi-site environmental due diligence projects. Ms. Gibson has over 20 years of experience in supporting insurance companies and claimants and in conducting site investigation and remediation projects.

Education

- B.S., Environmental Science, Rutgers University, 1987

Registrations and Certifications

- Certified Professional Environmental Auditor, Environmental Management Systems - ISO 1400
- Certified Professional Environmental Auditor, Environmental Compliance
- The Auditing Roundtable
- National Association of Environmental Professionals

Continuing Education

- OSHA Hazwoper 40-hour training, 2007 (update)
- OSHA 40-hour health and safety training with current 8-hour refresher training

Fields of Competence

- Environmental Compliance
- Environmental Management Systems
- Regulatory Analysis
- Liability Estimating/Modeling
- Environmental Insurance Evaluations
- Insurance Estimating/Modeling
- Environmental Due Diligence
- Environmental Remediation

Key Projects

Environmental Compliance

Managed and performed multi-site environmental compliance audits at a wide-range of manufacturing facilities in the US, EU, Asia and the Caribbean, including foundries, chemical plants (adhesive manufacturing;

chlorine production, paint;, metal working facilities; secondary lead and aluminum smelters; quarries; machine and assembly plants; gas exploration and production facilities; hydro-electric plants; liquefied natural gas (LNG) plants; nuclear energy plants; co-generation plants; municipal and hazardous waste to energy plants; alternative energy production facilities; and treatment, storage, and disposal facilities. These audits included developing recommendations to achieve and maintain compliance, improve environmental management, and to limit potential environmental liabilities.

Environmental Management Systems

Conducted environmental management audits for chemical manufacturers, energy companies, manufacturing, and meat processing facilities. In addition, Ms. Gibson wrote and implemented the first scope of work for an environmental management system audit to be accepted as a Supplemental Environmental Project (SEP) as part of penalty negotiation under a USEPA settlement agreement. Ms. Gibson has conducted ISO 14001 compliance audits at printed circuit board and chemical manufacturing facilities, as well as at nuclear power plants.

Environmental Due Diligence

Ms. Gibson has managed multi-million and billion dollar due diligence efforts for international corporations and bank consortiums. These have included evaluation of beryllium and clay mining and processing

KATE GIBSON (continued)

facilities, steel mills, iron and steel foundries, airports, electronics, gold and silver plating operations, alternative and traditional energeneration facilities, movie theaters, aircraft component manufacturers, communication and data storage and recovery repositories, and office buildings, as well as many other industries.

International Regulatory Analysis

Directed regulatory analysis project for a supplier of electronic parts to the EU, assessing product-related environmental, health, and safety regulatory requirements (RoHS) in the EU and China.

Liability Estimating/Modeling

Participated in projects supporting cost recovery activities for owners of former manufactured gas plants, using innovative modeling techniques and provided technical assistance in support of SEC disclosures for private clients.

Managed EHS liability assessment for site ranging foundries, chemical plants, metal working facilities, secondary lead smelters, quarries, machine and assembly plants, and scrap metal yards.

Environmental Insurance Underwriting Support

Managed two insurance programs supporting the underwriting programs at two major insurers.

Audited and evaluated the maximum potential risks associated with an EU aluminum manufacturer to supports its PPC permit.

Developed a corporate environmental risk management program for a US agricultural cooperative.

Created a model for estimating SEC financial requirements for a major California utility. The model was used to update quarterly and annual SEC disclosures

Managed Ohio VAP remediation project. Obtained first NFA with groundwater contamination in the program's history.

Remediation Strategy

Managed remediation of fuel oil contamination at residential homes throughout the Northeast. The work was conducted for insurance companies under homeowners policies.

Publications and Speaking Engagements

Gibson, K. 2010. Pharmaceuticals and personal care products (PPCPs): Disposal, scientific, and regulatory challenges. Environmental Quality Management. Autumn

Gibson, K. and Pula, D. (2009), Nanoparticles: Environmental risk and regulation. Environmental Quality Management, Spring

Illaszewicz, J. and Gibson, K. (2009), Green and sustainable remediation: Creating a framework for environmentally friendly site cleanup. Environmental Quality Management. Summer

Gibson, K. 2005. Environmental management systems: How successful are they? Environmental Quality Management, Spring.

Gibson, K. and Martin, B. 2004. Demonstrating Value through the Use of Environmental Management Accounting. Environmental Quality Management. Spring.

Gibson, K. 2003. The Endocrine Disruptor Screening Program: How EPA Plans to Select an Initial Group of Chemicals for Screening. Environmental Quality Management. Autumn.

Gibson, K. and Adams, K. 1997. Recent Developments in Cleanup Technologies. Remediation.

Gibson, K. and Crider, S.D. 1996. Recent Developments in Cleanup Technologies. Remediation.

KATE GIBSON (continued)

Gibson, K. and Crider, S. D. 1996. Managing and Minimizing Hazardous Waste to Save Money. In: Seemer, S., ed. Environmental ROI. John Wiley & Sons.

Simon, J. and Gibson, K. 1995. Recent Developments in Cleanup Technologies. Remediation.

Gibson, K. and Shea, D. 1994. Emerging Technical and Regulatory Developments. Environmental Claims Journal.