

Thomas J. Walsh

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Summary

More than 25 years of experience in all phases of environmental science and waste engineering: Environmental Scientist, Project Engineer, Compliance Manager, Program Manager and Project Manager. Performed waste management functions and compliance activities at several large National Priorities List (NPL - Superfund) facilities and environmental monitoring at the Three Mile Island Nuclear Station. Provided leadership to over two hundred employees involved in remediation and compliance activities. Offers a unique blend of innovative, technical and leadership skills necessary in challenging work situations. "Combines excellent technical abilities with a very pragmatic approach to problems AND is very good with people."

Professional Highlights

2002 - Present

ENVIRONMENTAL ANALYSIS AND SOLUTIONS, LLC Hamilton, OH General Manager (Company Owner)

Established and manages a consulting business specializing in providing managerial and technical support to clients on waste, remediation and environmental issues.

Function as Subject Matter Expert on regulatory and waste management issues at a U.S. Department of Energy (DOE) facility for Restoration Services Incorporated (RSI), Oak Ridge, TN (2008 - ongoing)

Provided an environmental assessment and waste management support of a scrap tire-to-energy facility for North American Energy Services, Carneys Point, NJ (2008 – 2009)

Wrote response action work plans, closeout reports and regulatory section of successful bid submittal for remediation activities at a U.S. DOE facility for Accelerated Remediation Company (ARC), Miamisburg, OH (2006 – ongoing)

Performed multi-media environmental audits at Gibson Generating Station (3rd largest coal-fired plant in the U.S.) and General Motors (GM) Bedford Foundry which included EPA Risk Management Plan (40 CFR 68) requirements, Hazardous Waste/Used Oil Storage Areas, Landfill Disposal Facility Permit, Spill Prevention, Control and Countermeasure (SPCC) Plan, Storm Water Pollution Prevention Plan (SWPPP) and National Pollutant Discharge Elimination System (NPDES) Permit for MGSG, LPA, Cincinnati, OH (2007-2008) *Wrote contractual requests for equitable adjustments totaling \$15 million, performing radiological and chemical data review and analysis, and waste profile development tasks at a U.S. Department of Energy (DOE) facility for **Closure Services**, Columbus, OH (2004 - ongoing).*

*Completed a Waste Minimization Plan, Implementing Strategy and Schedule at a remediation site for **British Nuclear Group**, Sellafield, United Kingdom (2005).*

*Completed radiological/chemical waste characterizations, profiles and successful waste management bid proposal submittal for **Duratek Federal Services (DFS)**, Oak Ridge, TN (2004 - 2005).*

*Completed waste management strategy, radiological/chemical waste characterizations and profile documents at a DOE remediation site for **Fluor Fernald**, Cincinnati, OH (2005 - 2006).*

*Provided technical support for Decontamination and Decommissioning, Waste Management and Environmental Compliance activities at the DOE Paducah, KY and Oak Ridge, TN facilities undergoing remediation/closure for **StrataG**, Knoxville, TN (2005 - 2006).*

*Completed a comprehensive Waste Management Assessment at the DOE Oak Ridge, TN facility for **Pro2Serve**, Oak Ridge, TN (2004).*

*Reviewed Phase I/II documents, providing technical and environmental remediation support to **Kevin J. Hopper Co., LPA**, Cincinnati, OH and **Tedia Co., Inc.** (2006 – ongoing).*

*Provided technical, cost analysis and strategy support on government bid proposals and transition planning activities to **Environmental Quality Management**, Cincinnati, OH (2004).*

1987 - 2004

**FLUOR/WESTINGHOUSE - Cincinnati, OH
Program/ Project Manager, Senior Staff Engineer**

Managed a group of waste engineers and environmental professionals responsible for hazardous and radioactive waste management and compliance at a U.S. Department of Energy facility undergoing environmental remediation.

Completed over 15 facility profiles for radioactive and hazardous waste inventories shipped to treatment and disposal facilities across the United States.

Responsible for completing over 5000 waste determinations on inventory which was previously uncharacterized and the shipment of 3000 mixed waste containers.

Saved company and government over \$1.5 million dollars by integrating regulatory requirements and streamlining processing operations.

Responsible for completing the site's RCRA Part B Permit Application.

Completed over 450 air emission permits and 25 stack sampling tests.

Served as member of the facility's Independent Safety Review Committee and functioned in roles of Emergency Duty Officer, Environmental Advisor, Health & Safety Support and Meteorologist.

1985 - 1986 **ILLINOIS POWER COMPANY - Clinton, IL**
Project Engineer

Responsible for developing and implementing an environmental monitoring program at a nuclear power plant during startup operations.

Wrote the Clinton Power Station 1985 Annual Environmental Report.

1979 - 1986 **GENERAL PUBLIC UTILITIES NUCLEAR CORPORATION Middletown, PA**
Environmental Scientist

Developed meteorological, groundwater, hydrological and environmental sampling programs implemented at the Three Mile Island Nuclear Station following the Unit 2 Reactor accident.

Education UNIVERSITY OF CINCINNATI, Cincinnati, Ohio
2001 - M.S., Environmental Science
PENNSYLVANIA STATE UNIVERSITY, Middletown, PA
1984 - MEPC, Master of Environmental Pollution Control
PENNSYLVANIA STATE UNIVERSITY, University Park, PA
1979 - B.S., Meteorology

Affiliations

- Air & Waste Management Association
- American Meteorological Society
- American Association for the Advancement of Science
- Greater Hamilton Chamber of Commerce
- City of Fairfield – Community Forest Commission (Appointed Position – 2005 to 2009)
- American Solar Energy Society

Certifications

- Institute of Professional Environmental Practice, Qualified Environmental Professional (QEP #07950041) since 1995
- Radiological Worker II (Portsmouth Gaseous Diffusion Plant)

Awards

- Tri-Star Safety Award (Fluor, 2002)
- Who's Who in America, (Marquis, 2004, 2005)
- Employee Cost Savings Idea Award (Fluor, 2001)
- Employee Incentive Award (Fluor, 1996 and 1997)
- Outstanding Personnel Award (Westinghouse, 1991)
- Gemstone Quality Award Nominee (Westinghouse, 1989)
- Quality Achievement Award (Westinghouse, 1987)

Special Training

- 15th and 17th Annual Business and Industry's Environmental, Health and Safety Symposium (Manufacturer's Education Council)
- Ohio Brownfield Conference (Ohio Environmental Protection Agency)

- Mastering Microsoft Project (CompuMaster)
- 2006 Tri-State Green Industry Expo (Ohio State University Extension)
- Maximizing Returns on Materials (International Electronics Recyclers Institute)
- Legislative Update (International Electronics Recyclers Institute)
- Leadership in Technical Organizations (Institute of Advanced Manufacturing Sciences)
- Advanced Hazardous Material Shipper Certification Training (HMTTC Training & Consulting)
- Basic Hazardous Waste Transportation Training (HMTTC Training & Consulting)
- Federal Motor Carrier Safety Regulations (TurnKey Transportation Services, LLC)
- Basic Hazardous Material Transportation Training (HMTTC Training & Consulting)
- Advanced Radioactive Material Shipper Certification Training (HMTTC Training & Consulting)
- Basic Radioactive Material Transportation Training (HMTTC Training & Consulting)
- Mold, Moisture and Remediation Workshop (American Conference of Governmental industrial Hygienists)
- Safety Leadership Training (DU PONT)
- Safety Operations Management Training (Du Pont)
- LEED Intermediate and Advanced Workshops (U.S. Green Building Council).
- Management Development for Middle-Level Managers (Westinghouse)
- Total Quality for Managers and Supervisors (Westinghouse)
- How to Teach Adults (Miami University)
- Management and Supervisor Training (GPU Nuclear)
- Control of Gaseous and Particulate Emissions (Air Pollution Training Institute)
- Advanced RCRA Regulations (Westinghouse)
- OSHA Compliance (U. S. DOE)
- Westinghouse/DOE School for Environmental Excellence
- Effective Permit Writing (Air Pollution Training Institute)
- Communicating Under Pressure (Communication Counsel of America)
- Meteorological Modeling (Advanced Studies Institute)
- Effective Technical Writing (Miami University)
- Statistics for Industrial Research (Center for Professional Advancement)
- Zenger-Miller Supervision (GPU Nuclear)
- Systematic Development of Informed Consent (Institute for Participatory Management & Planning)
- Groundwater Pollution and Hydrology (Princeton Associates)
- Harvard/ERT Joint Course in Air Pollution (Harvard University)
- Technical and Safety Reviewer (Fluor)
- Integrated Safety Management (Fluor)
- Positive Employee Discipline (Fluor)

- Drug Free Workplace (Fluor)
- EEO Issues (Fluor)
- Environmental Compliance for Government Contractors (Government Institute)
- Technical Reviewer (Fluor)
- Real Estate Development From Beginning To End (Lorman Education Services)
- Continuous Process Improvement (Westinghouse)
- Emergency Preparedness (Westinghouse)
- Conduct of Operations (Westinghouse)
- HAZWOPER Supervisor Training (Fluor)
- Project Controls System Training (Fluor)
- Managing Safety: Systems that Work for Operations Managers (Du Pont)
- Workplace Safety Walkthrough Training (Fluor)
- Positive Employee Discipline (Fluor)
- Chemical Accountability (Fluor)
- Three Mile Island Systems Training (General Public Utilities)
- Visible Emissions Training – Method 22 (Fluor)
- Visible Emissions Training – Method 9 (Eastern Technical Associates)
- Polychlorinated Biphenyls (PCB) Awareness (Bechtel-Jacobs Company)
- Resource Conservation and Recovery Act Waste Characterization (Bechtel-Jacobs Company)
- Effective Leadership in Technical Organizations (University of Cincinnati, College of Business Administration)
- Qualified Safety Reviewer (Fluor)
- SARA Title III Overview (Du Pont)
- Fundamentals of Effective Permit Drafting (EPA Air Pollution Training Institute)
- Advanced Speaker Training and Communications (Science Applications International Corporation)
- Asbestos Awareness (Westinghouse)
- Air Permits Seminar (Manufacturer's Education Council)
- Emergency Duty Officer Training (Fluor)
- Operations Assurance (Fluor)
- Natural Resource Workshop (Fluor)
- Management and Systems Training – Leadership and Communications (Westinghouse)
- Facility Owner Training (Westinghouse)
- Energy Control – Lock and Tag (Westinghouse)
- Quality Assurance Handbook For Air Pollution Measurements Systems, Volume IV (Meteorological Standards Institute)
- Confined Space Awareness (Westinghouse)

- Emergency Life-Saving Apparatus (ELSA) Training (Westinghouse)

Papers

- *Proposed Communication System Provides Real-Time Weather Information During Snow/Ice Events*, Presented at the Midwest Extreme and Hazardous Weather Regional Conference, Champaign, IL 2003
- *Do Green Buildings Sell?*, Presented at 96th Annual Conference & Exhibition of the Air & Waste Management Association, San Diego, California, 2003
- *Environmental Engineering Management Opportunities for the Automotive Industry in the United States*, University of Cincinnati, Ohio, 2000
- *Environmental Risk Assessment Case Study: Beryllium and compounds*, University of Cincinnati, Ohio, 2000 *Case Study: Innovation at 3M Corporation*, University of Cincinnati, Ohio, 2000
- *How Important Is Strategic Planning For Research And Development Organizations*, University of Cincinnati, Ohio, 2000
- *How Unique Is Leadership In Research and Development Organizations*, University of Cincinnati, Ohio, 2000
- *Availability of Risk Management Plans on the Internet*, University of Cincinnati, Ohio, 1999
- *Toxic Substances In The Workplace: A Case Study Of Conjugated Estrogens*, University of Cincinnati, Ohio, 1999 (Bonnell and Walsh)
- *International Perspectives on Environmental Policy*, University of Cincinnati, Ohio, 1998
- *Environmental Assessment on the Kyoto Protocol*, University of Cincinnati, Ohio, 1998
- *Compliance With the New PM2.5 Standard – Attainment or Non-Attainment?*, 91st Annual Meeting & Exhibition of the Air & Waste Management Association, San Diego, California, 1998
- *Long-Term Temperature Trends for Selected Reporting Stations in North America*, 77th American Meteorological Society Annual Meeting, Long Beach, California, 1997
- *An Evaluation of the Effectiveness of an HVAC Filtration System in Reducing Indoor Concentrations of Bioaerosols (Fungi)*, University of Cincinnati, Ohio, 1997
- *Mixed Waste Management Plans at the Fernald Environmental Management Project*, 89th Annual Meeting & Exhibition of the Air & Waste Management Association, Nashville, Tennessee, 1996 (Sattler and Walsh)
- *RCRA and CERCLA Regulations Affecting Cleanup Activities at a Federal Superfund Site*, 87th Annual Meeting & Exhibition of the Air & Waste Management Association, Cincinnati, Ohio, 1994.
- *Remediation Activities at the Fernald Environmental Management Project*, 89th Annual Meeting & Exhibition of the Air & Waste Management Association, Nashville, Tennessee, 1996. (Danner and Walsh)
- *The Use of Lightning Detection Systems For Industrial and Recreational Applications*, 76th American Meteorological Society Annual Meeting, Atlanta, Georgia, 1996
- *CERCLA and RCRA Requirements Affecting Cleanup of a Hazardous Waste*

Management Unit at a Superfund Site: A Case Study, 88th Annual Meeting & Exhibition of the Air & Waste Management Association, San Antonio, Texas, 1995.

- *RCRA and CERCLA Regulations Affecting Cleanup Activities at a Federal Superfund Site*, 87th Annual Meeting & Exhibition of the Air & Waste Management Association, Cincinnati, Ohio 1994