DAVID ROBINSON
SENIOR VICE PRESIDENT

EDUCATION

M.S.	Chemistry University of Vermont	1989
B.S.	Chemistry Muhlenberg College	1986

REGISTRATION AND CERTIFICATION

Certified by NJDEP as a Temporary Licensed Site Remediation Professional (LSRP) — LSRP #507620

Completed 40 Hour OSHA Training Course and Annual Updates

HMCRI – Hazardous Materials Shipping

RESPONSIBILITY AND EXPERIENCE, WHITMAN

Mr. Robinson joined Whitman in October 2005. He has more than 16 years of experience in the environmental and chemical fields, including implementation of in situ advanced technologies, due diligence in support of insurance/real estate development projects, program management, environmental laboratory management, chemical treatment of hazardous wastes, technology development, methods development, quality control/quality assurance, and sales and marketing. Mr. Robinson is a recognized leader in the environmental field and in the use of innovative technologies. His responsibilities will include the design, evaluation and application of innovative technologies to remediate complex environmental issues at industrial, commercial and Brownfields redevelopment projects.

Some of his recent professional assignments include:

- Performing pre-acquisition due diligence, site investigation, risk analysis, remediation and closure, and regulatory negotiations including cleanup levels and NRD for an industrial real estate developer for numerous sites in New Jersey, Pennsylvania and California.
- Serving as Program Manager for an international environmental insurance company. Responsible for oversight of various remedial activities that included a review of engineering designs, costs, technology selection, and total remedial costing/cost-cap estimation.

- Managing various projects for a local government entity focusing on investigation, remediation, and redevelopment of open space purchases.
- Instructor for multidisciplinary course: "Innovative Technologies for Site Remediation", Rutgers University.

SUMMARY OF OTHER PROFESSIONAL EXPERIENCE

Environmental Resources Management **1999-2005**
Ewing, New Jersey

Project Director

Responsibilities included site investigation and remediation, technology development and implementation, and Brownfields redevelopment projects.

Fluor Daniel GTI **1996-2005**
Robbinsville, New Jersey

Project Manager

Responsibilities included site investigation and remediation, technology development, and treatability laboratory.

Inchcape Testing Services **1991-1996**
Burlington, Vermont

Group Manager

Managed gas chromatography laboratory for the analysis of VOCs and pesticides/PCBs.

PROFESSIONAL ASSOCIATIONS

American Chemical Society

Society for Applied Spectroscopy

Federation of Analytical Chemistry and Spectroscopic Societies

International Society of Environmental Forensic Chemistry

PATENTS

Brown, Lute, Robinson, Skladany and Nelson	US Patent 7 427 177, 2008
Block, Sethi, Brown and Robinson	US Patent 7 473 372, 2009

SELECTED PUBLICATIONS AND PRESENTAITONS

Robinson, D., and Angyal, G, *Use of Mixed Technologies to Remediate Chlorinated DNAPL*, Remediation, page 41, Summer 2008.

Robinson, D. and Findley, A, *Use of Mixed Technologies to Remediate Chlorinated DNAPL,* The Sixth International Conference of Oxidation and Reduction Technologies, November 2008.

Brown, R., Robinson D., Skladany S. and Dablow J, "Treatment of Recalcitrant Organics with In Situ Ozonation: An Examination of Mechanisms," The Fourth International Conference of Oxidation and Reduction Technologies, October 2005.

Tomlinson, D., Smoot, P., Newman, D. and Robinson, D., "Cost Effective Application of Chemical Oxidant for Herbicide Remediation within Fractured Bedrock," The Fourth International Conference of Oxidation and Reduction Technologies, October 2005.

Brown R., Robinson D. and Block, P., "Simultaneous Reduction and Oxidation: Combining Sodium Persulfate with Zero Valent Iron", The Third International Conference on Oxidation and Reduction Technologies for In-Situ Treatment of Soil and Ground Water, October 2004.

Dablow, J., Robinson, D. and Rowland, K., "Pulsed Ozonation to Remediate MGP Residuals and Dicyclopentadiene at a Former MGP Site", The Third International Conference on Oxidation and Reduction Technologies for In-Situ Treatment of Soil and Ground Water, October 2004.

Robinson, D., Brown, R., and Dablow, J., "Chemical Oxidation of MGP Residuals and Dicyclopentadiene at a Former MGP Site," The Fourth International Conference on Remediation of Chlorinated and Recalcitrant Compounds," May 2004.

Block, P., Brown, R., and Robinson, D., "Novel Activation Technologies for Sodium Persulfate In Situ Chemical Oxidation," The Fourth International Conference on Remediation of Chlorinated and Recalcitrant Compounds," May 2004.

Brown, R., Robinson, D., and Skladany, G., "Treatment of 1,4-Dioxane," The Fourth International Conference on Remediation of Chlorinated and Recalcitrant Compounds," May 2004.

Robinson, D., and Brown R., "Response to Naturally Occurring Organic Material: Permanganate Versus Persulfate," The Fourth International Conference on Remediation of Chlorinated and Recalcitrant Compounds," May 2004.

Robinson, D., Dablow, J. and Rowland, K., Chemical Oxidation of MGP Site", Natural Gas Technologies II Conference, February 2004.

Robinson, D. and Dick Brown, "In Situ Oxidation of Monochlorobenzene, DDT, DDE, and DDD in Ground Water Using Sodium Persulfate", The Second International Conference on Oxidation and Reduction Technologies for In-Situ Treatment of Soil and Ground Water, November 2002.

Robinson, D. and Richard Brown, "Ozone Treatment of Polynuclear Aromatic Hydrocarbons in Soil Beneath a Residential Property", The Second International Conference of Oxidation and Reduction Technologies for In-Situ Treatment of Soil and Ground Water, November 2002.

Robinson, D., et. Al., "In Situ Treatment of Copper Contamination Using Direct Injection of Lime Slurries", The Second International Conference on Oxidation and Reduction Technologies for In-Situ Treatment of Soil and Ground Water, November 2002.

Robinson, D., Richard Brown, George Skladany, Jim Lute, "The In-Situ Ozonation of PAHs in Soil," Site Remediation Technologies & Environmental Management Practices Conference, Orlando, FL, December 2000.

Robinson, D., Richard Brown, George Skladany, Jim Lute, "A Comparison of Oxidants for the In-Situ Oxidation of MGP Waste", Site Remediation Technologies & Environmental Management Practices Conference, Orlando, FL, December 2000.

Robinson, D., A. Linenberg, R. Davis, "Hazardous Waste-Site Measurements of Low Levels of Chlorinated Hydrocarbons", Hazardous Materials Controls, May/June 1999.

Robinson, D. and Joel Goldberg, "Parametric Studies of Emission from a Plasma Gun Source for Atomic Spectrometry", Spectrochimica Acta, Part B, 50F, 885, 1995.

J.M.. Goldberg and D.S. Robinson "Initial Characterization of A Plasma Gun Source for Atomic Spectrometry", Analytical Chemistry, 63, 2357, 1991.

D.S. Robinson, K.J. Mason, F.L. Dorman and J.M. Goldberg, "Evaluation of a Commercially Available Laser-Scanning Microdensitometer for Emission Spectrographic Measurements", Applied Spectroscopy, 44, 1584, 1990.