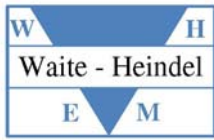


Exhibit CS-MW-1

Resume of Miles Waite



Waite - Heindel

Environmental Management

MILES E. WAITE, PhD, PG
Senior Hydrogeologist, Owner



Mr. Waite has been working in the environmental consulting industry for more than twenty years. He is the owner of Waite-Heindel Environmental Management and oversees all company operations. A portion of his work load includes clean water hydrogeology, where his areas of expertise include hydrogeologic investigations, water supply siting and permitting, wastewater system design and permitting, stormwater flow and drainage studies, land development (Act 250) permitting, and geothermal planning. He is just as frequently involved in contaminant projects, where he conducts environmental site assessments, Brownfields site assessments and contaminated site redevelopment, contaminated soil and groundwater management, remediation system design and installation, and soil vapor and air quality evaluations.

EDUCATION

B.A., Environmental Studies, Minor in Geology, University of Vermont, 1991.
Ph.D., Geology, University of Colorado, 1998.

PROFESSIONAL EXPERIENCE

- **Adjunct Lecturer, University of Vermont, Plant and Soil Science (2014 - present)**
Taught upper level class entitled *Soil and Groundwater Pollution and Bioremediation* (PSS 269)
- **President & Principal Hydrogeologist, Waite Environmental Management, LLC (2003-2012)**
Operated consulting company and managed projects involving environmental site assessments, wastewater, water supply, and land development permitting and expert testimony, and hazardous site investigation and remediation.
- **Senior Hydrogeologist, Griffin International, Inc., Williston, Vermont (2001 – 2003)**
Managed and conducted projects involving hydrogeologic investigations, groundwater supply development projects, environmental site assessments, Brownfield redevelopment, site remediation, and hazardous waste site management.
- **Senior Hydrogeologist, Heindel and Noyes, Burlington, Vermont (1998-2001)**
Managed a variety of projects with a focus on site investigation and remediation. Responsible for conducting and overseeing field investigations of hazardous waste sites, hydrogeologic investigations, design and operation of remediation systems, Phase I & II Environmental Site Assessments, and underground storage tank closure inspections.
- **Graduate Student, University of Colorado, Boulder, Colorado (1993-1998)**
Completed Ph.D. in Geological Sciences. Concentration of research was on computer modeling of water flow in fractured rocks. Employed by the University as a Research Assistant and as a Teaching Assistant.
- **Hydrogeologist/Geochemist, Shepherd Miller, Inc., Fort Collins, Colorado (1994)**
Analyzed groundwater and surface water quality data on several large-scale mining projects in Colorado. Specialized on surface water geochemistry and groundwater-surface water interaction.
- **Staff Geologist, McCulley, Frick & Gilman, San Francisco, California (1991-1993)**
Conducted field investigations of hazardous waste sites, groundwater sampling, remediation system operation and maintenance, data analysis, and report preparation.

PROFESSIONAL AFFILIATIONS & CERTIFICATIONS

Licensed Designer, Type B, State of Vermont #464
Licensed Professional Geologist, State of New Hampshire #745
40-Hour Trained OSHA 29 CFR 1910.120 Hazardous Waste Site Operations
Certified Class 2 Water System Operator
President, Executive Board - Vermont Environmental Consortium
Vice-Chairman – Burlington Conservation Board
Board of Directors – Burlington Country Club
Member - National Groundwater Association (contributor to the Aquifer Protection Group)
Member – American Institute of Professional Geologists
Member – Lake Champlain Regional Chamber of Commerce
Member – Renewable Energy Vermont Geothermal Working Group

MILES E. WAITE, PhD, PG
Senior Hydrogeologist, Owner

**PROFESSIONAL
DEVELOPMENT**

- NOWRA & VT ANR, Onsite Wastewater Systems Installer Training, March 2017
- Vermont Natural Shoreland Erosion Control Certification class, January 2016
- National Ground Water Association, *Conference on Fractured Rock*, Burlington, Vermont, September 2011, October 2013, September 2015
- Northeast Waste Management Officials' Association (NEWMOA), *Vermont Vapor Intrusion Updates*, Montpelier, May 2014.
- Vermont DEC Green Infrastructure Initiative, *Raising the Bar: Green Stormwater Infrastructure Planning and Design*, South Burlington, April 2014.
- Vermont Technical College and University of Rhode Island, *Innovative and Alternative Wastewater Technologies Workshop* (October 2012) and High Strength Wastewater Workshop (October 2013).
- National Ground Water Association, *Hydraulic Fracturing of the Marcellus Shale*, Baltimore, Maryland, May 2011.
- Wastewater Technologies, Inc., *AdvanTex Designer Training*, South Burlington, March 2010.
- Heatspring Energy Institute, *Geothermal Training for Building Professionals: Planning & Designing Systems*, Boston, February 2009.
- US EPA, *Triad Investigations, New Approaches and Innovative Strategies*, University of Massachusetts, Amherst, June 2008.
- National Ground Water Association, *Science and Myths of Indoor Inhalation Pathway*, Portland, Maine, September 2007.
- American Council of Engineering Companies, *Field Description of Soil Properties and Estimating Seasonal High Water Table* refresher course, May 2007.
- Lorman Education Services, *Stormwater Regulation in Vermont*, South Burlington, Vermont, November 2006.
- Lorman Education Services, *Navigating the Regulatory Rapids in a Changing Environment*, South Burlington, Vermont, October 2004.
- National Ground Water Association, *U.S. EPA/NGWA Fractured Rock Conference: State of the Science and Measuring Success in Remediation*, Portland, Maine, September 2004, 2007.
- Lorman Education Services, *Issues Affecting Brownfields Development Projects in Vermont*, South Burlington, Vermont, December 2002.

PUBLICATIONS

- Gaynor, Deborah, M. Waite, G. Noyes, and K. McKracken, *Working Together: How Effective Teamwork Improved the Quality and Usability of Air Monitoring Data*, paper presented at the National Environmental Monitoring Conference, Washington, D. C., August 2010.
- Waite, Miles E. and Deborah Gaynor, *Anticipating Data Needs for a Brownfields Site Assessment*, **New England's Environment**, vol. 10, no. 2, March/April 2004 .
- Waite, Miles. E, S. Ge., and H. Spetzler. *A New Conceptual Model for Fluid Flow in Discrete Fractures: An Experimental and Numerical Study*, **Journal of Geophysical Research**, vol. 104, no. B6, pp.13049-13059, June 1999.
- Waite, Miles E., Fluid Flow in Discrete Fractures: An Experimental and Lattice Gas Automata Modeling Study, Ph.D. Thesis, University of Colorado, July 1998.
- Waite, Miles E., S. Ge., H. Spetzler, and D. Bahr, *The Effect of Surface Geometry on Fracture Flow: A Case Study Using a Sinusoidal Fracture*, **Geophysical Research Letters**, vol. 25, no. 6, pp. 813-816, 1998.
- Waite, Miles E. and S. Ge, *Fluid Flow in a Sinusoidal Fracture: A Numerical and Experimental Investigation Into the Control of Geometry on Fracture Permeability*, **EOS Trans. AGU**, 78(46), Fall Meeting Supplement F453, 1997.

MILES E. WAITE, PhD, PG
Senior Hydrogeologist, Owner

EXPERT TESTIMONY IN COURT CASES
Through 2017

In Re: Champlain Oil Co., Inc. Ferrisburgh Conditional Use Application: Vermont Superior Court – Environmental Division, 89-7-11 Vtec, 2011.

Mr. Waite worked for appellants during pre-trial and in court to provide expert testimony on the adequacy and compliance of the proposed wastewater system design and stormwater system design. Mr. Waite reviewed engineering plans and documents, prepared reports, was deposed, and testified in court.

King v. Turner Estates, LLC: Vermont Superior Court – Docket No. S0438-11 CnC, 2012.

Mr. Waite worked for plaintiff during pre-trial to conduct a groundwater monitoring study on the property, and to provide expert testimony on the cause and effect of groundwater intrusion into basements in the housing development. Mr. Waite and his firm collected field data over an 8-month period, reviewed engineering plans and documents, prepared reports, and was deposed.

Brisson Stone, LLC v. Town of Monkton: Vermont Superior Court – Docket Nos. 24-2-13/34-3-13 Vtec, 2012-2014.

Mr. Waite worked for an intervenor-appellee during Town of Monkton zoning process related to a proposal for a large rock quarry and crushing operation. Mr. Waite reviewed the quarry plans, regulations, and provided expertise on gravel and rock extraction operations.

In Re: Costco Wholesale, Inc. Wetlands Determination: Vermont Superior Court – Environmental Division, 24-2-12 Vtec, 2014.

Mr. Waite worked for appellants during pre-trial and in court to provide expert testimony on the proposal to modify the stormwater management and drainage on the property and the potential effect on existing wetlands. During pre-trial Mr. Waite and his firm conducted a groundwater monitoring study to look as seasonal variation in groundwater elevations in and surrounding the wetland and stormwater system. Mr. Waite reviewed engineering plans and documents, conducted a groundwater modeling study, prepared reports, was deposed, and testified in court.

Cannizzaro v. Town of Berlin: Vermont Superior Court – Washington Civil Division Small Claims, Docket No. 514-12-13 Wnsc, 2014.

Mr. Waite worked for the Town of Berlin on a case involving Town road runoff onto a private property. Mr. Waite inspected the properties involved, conducted a topographical survey to understand local drainage patterns, reviewed climate data, was deposed, and testified in court.

In Re: Deso Leduc 12 Lot PUD Subdivision: Vermont Superior Court – Environmental Division, 16-12-16 Vtec, 2016.

Mr. Waite worked for the Town of Highgate to review a proposal for a 12 lot PUD in a reclaimed gravel pit. Mr. Waite reviewed Act 250 compliance, wastewater and potable water supply design, and provided expertise in the geology and hydrogeology in the vicinity of the proposed development.

Jordan Weinstein Family Trust v. TLPV Properties, LLC: Vermont Civil Division Docket No 3-1-17 Gicv, 2017.

Mr. Waite worked during pre-trial for a family trust that owned a housing development in Alburgh Vermont that was experiencing groundwater intrusion into the basements. During purchase of the property by the family trust from the contractor that constructed the housing development, there was no disclosure of the likelihood of groundwater intrusion even though it was widely known to be in a wet area with high water table. Mr. Waite conducted a hydro study that involved monitoring of groundwater levels around the building over several months, inspected soil conditions via test pits, reviewed maps and plans, and worked with a wetland scientist and civil engineer to develop an opinion and an expert disclosure report on the matter.