



# TERRATHERM

10 Stevens Road  
Fitchburg, MA 01420  
Phone: (978) 343-0300  
Fax: (978) 343-2727

[jbierschenk@terratherm.com](mailto:jbierschenk@terratherm.com)  
[www.terratherm.com](http://www.terratherm.com)

## JOHN M. BIERSCHENK, P.G. CEO and President

### PROFESSIONAL HISTORY

TerraTherm, Inc.	(2000 – Present)
ENSR Consulting, Engineering, and Remediation	(1991 – 2000)
Hydro-Environmental Technologies, Inc.	(1990 – 1991)
Ground Water Technology, Inc.,	(1987 – 1990)
ORS Environmental Equipment Division	

### EDUCATION

M.B.A.	Regis College	Finance and Management
B.S.	University of New Hampshire	Geology

### BOARDS AND AFFILIATIONS

Certified Professional Geologist	Pennsylvania
TerraTherm, Inc.	Board of Directors

### SUMMARY OF EXPERIENCE

Mr. Bierschenk has 28 years of technical, strategic and business management expertise. He has held executive, project, financial and operational management positions within the environmental and energy fields. He is a named co-inventor on several patents related to thermal treatment of soil and groundwater.

**TerraTherm, Inc.** Fitchburg, MA. **CEO** (2010 – present); **President and General Manager** (2000-2010)

Co-founder, CEO and President. Overall responsibility for management of TerraTherm, Inc. including: executive, strategic, legal, financial, and operational aspects. Mr. Bierschenk has also served as the Project Manager on select TerraTherm projects. Representative project management experience includes both high and low temperature ISTD projects:

Southern California Edison Co. (SCE) – ISTD at a Former Wood Treating Site in Alhambra, CA. TerraTherm treated 16,500 CY of creosote-contaminated soil, for which the contaminants of concern, PAHs, PCP and dioxins were treated to residential cleanup standards, to a maximum depth of 105 ft beneath former treatment tanks and piping. Mr. Bierschenk was the Project Manager directing and contributing to the preparation of design and regulatory work plan documents, including all permits issues by regulatory agencies (e.g., DTSC, the SCAQMD, and City of Alhambra). TerraTherm provided the ISTD treatment on a turnkey basis saving the client millions over alternative treatment methods. The work included design, construction, and

operation. The ISTD system was comprised of 785 thermal wells, Air Quality Control, Continuous Emissions Monitoring, and electrical distribution, control and monitoring equipment. Site treatment was conducted in two phases in a span of several years. A letter of No Further Action, allowing for unrestricted land use, was issued by DTSC in February 2007.

Confidential Client Chlorinated VOC Site Located in Southern California – Remedial Design, Construction, Operation. Project Manager responsible for the design, permitting, construction and operation of an ISTD system for the remediation of 6,700 CY of soil containing 1,1-DCA. Site soils consisted of low-permeability, dense clays located below the water table. Clean up objectives achieved included attaining 1 mg/kg of 1,1-DCA in soil within treatment zone and reducing concentrations in groundwater in underlying permeable aquifer. The turnkey project was completed in less than two years.