

U.S. Department of the Interior
U.S. Geological Survey

Guidance on the Use of Passive- Vapor-Diffusion Samplers to Detect Volatile Organic Compounds in Ground-Water-Discharge Areas, and Example Applications in New England

By PETER E. CHURCH, DON A. VROBLESKY, and FOREST P. LYFORD,
U.S. Geological Survey, and RICHARD E. WILLEY,
U.S. Environmental Protection Agency

Water-Resources Investigations Report 02-4186

In cooperation with the
U.S. ENVIRONMENTAL PROTECTION AGENCY
Monitoring and Measurement for the 21st Century Initiative

Northborough, Massachusetts
2002

U.S. DEPARTMENT OF THE INTERIOR
GALE A. NORTON, Secretary

U.S. GEOLOGICAL SURVEY
Charles G. Groat, Director

For additional information write to:

Chief, Massachusetts-Rhode Island District
U.S. Geological Survey
10 Bearfoot Road
Northborough, MA 01532

or visit our Web site at
<http://ma.water.usgs.gov>

Copies of this report can be purchased from:

U.S. Geological Survey
Branch of Information Services
Box 25286
Denver, CO 80225-0286