

# Analytical Chemist / Membrane Interface Probe Operator

## Location

Vermont, with travel throughout the United States.

## Position Summary

The Analytical Chemist/Membrane Interface Probe (MIP) Operator works with all aspects of established analytical chemistry methods and testing procedures that are associated with our MIP program. The MIP technique is a direct sensing tool that is used to assess levels of volatile organic compounds (VOCs) in the subsurface. It combines the use of direct push environmental drilling with up-hole analytical chemistry procedures. Primary analytical methods are gas chromatography (GC); however, experience with GC/mass spectrometry is a plus. Strong mechanical and electrical troubleshooting skills are required for this position. Technical and analytical leadership is expected from this position, as well as familiarity and fluency with advanced scientific concepts within the particular discipline. Record keeping, data management, data analysis, interpretation, and presentation as well as competent technical writing skills are required.

The position involves periods of extended travel for field work in New England, throughout the United States, and several international locations. As much as 50 to 75% of the work may be located outside of Vermont.

## Responsibilities

The person performing this job will be responsible for the following functions:

- Perform MIP testing in accordance with defined methodology and standard operating procedures.
- Maintain and repair various components of Stone's MIP program.
- Report analytical results to investigation team.
- Manage analytical data.
- Able to travel for 5 to 10 days continuously.

## Required Skills

The following skills are required:

- Analytical instrument calibration, maintenance, troubleshooting, and repair.

- MIP testing, maintenance, troubleshooting, and repair.
- Analytical reference standards preparation.
- Quality control of all data generated.
- Data preparation and compilation.
- Data presentation and analysis.
- The ability to work as a member of a team in a fast-paced, dynamic setting.
- Driver's license and ability to pass a Department of Transportation physical exam.

### Experience and Education

Minimum requirements for this position are a Bachelors degree in chemistry or a related field, or three years of previous experience in an analytical chemistry field.

### How to Apply

Please send your résumé by post or e-mail to:

Ms. Joanne Perry  
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535 Stone Cutters Way  
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*Stone Environmental, Inc. is a 45-person environmental science and geographic information systems (GIS) consulting firm founded in 1992. Stone offers a wide variety of services to local, national, and international clients. Our team of multidisciplinary professionals is organized into four distinct groups that share a common theme: water quality. These groups are Agrochemical Fate & Exposure, Integrated Site Investigation Services, Water Resources Management, and Applied Information Management. Stone is based in Montpelier, Vermont, a New England state admired for its quality of life and strong environmental values. This desirable location has enabled us to recruit some of the best scientists and professionals in the industry. Stone offers competitive wages and benefits, and a relaxed work environment with a great group of talented people.*