



# rpc

SCIENCE & ENGINEERING

921 College Hill Rd. Fredericton, NB Canada E3B 6Z9  
150 Lutz St. Moncton, NB Canada E1C 5E9

## Methane, Ethane and Propane Analysis in Water

**M**ethane, ethane and propane belong to a subgroup of molecules called hydrocarbons. Hydrocarbons are very energetic molecules and are therefore known as excellent sources of fuel in the energy sector. Natural gas, for example, is a very valuable source of energy that consists primarily of methane with smaller amounts of ethane and propane.

Methane may exist naturally in small amounts in soil, either from methane producing bacteria or from other natural sources. However, a large amount of methane in a well system may indicate contamination from a non-natural source. RPC's air quality laboratory is accredited by the Standards Council of Canada for the analysis of methane, ethane and propane in water. If you feel that your well water may contain any of these molecules, it is recommended that you have your water tested.

### Qualifications

RPC's analytical services laboratories hold accreditation with the Standards Council of Canada (SCC) for the determination of methane, ethane and propane in water. The laboratory accreditation program is based on the continued demonstration of performance as evaluated through laboratory site audits. SCC accredited laboratories are required to conform to the International Laboratory Standard ISO/IEC 17025:2005, "General Requirements for the Competence of Testing and Calibration Laboratories".

### Contact

If you have questions or wish to request a quotation, please contact us:

Diane Botelho  
Air Quality Services Manager  
Tel: 506.460.5659  
Fax: 506.452.1395  
diane.botelho@rpc.ca

Air Quality Laboratory  
Tel: 506.452.1204  
E-mail: [airquality@rpc.ca](mailto:airquality@rpc.ca)



*RPC's Quality Management System is registered to ISO 9001:2008.*

[www.rpc.ca](http://www.rpc.ca)