

# rpc

SCIENCE & ENGINEERING

## Analytical Services

From our beginnings more than 60 years ago, we have become a respected and reliable provider of laboratory-based services within New Brunswick, across Canada and around the world. RPC is the only comprehensive fully-integrated laboratory in Atlantic Canada, offering microbiology, organic and inorganic chemistry, air quality testing and specialty analyses all out of one modern laboratory.

We serve over 1000 clients each year, two-thirds of these from New Brunswick. The analytical side of RPC accounts for about half of our revenue and half of our 160 member staff. Our clients include engineering and environmental consulting firms, a large proportion of New Brunswick's manufacturing and processing industries, New Brunswick cities and many towns and villages, as well as the provincial and federal government.

RPC service lines are managed by technical specialists experienced in operating efficient laboratories and appreciative of the client's need for dependable results and helpful assistance during special circumstances. Our people are the best and we equip them with the latest technologies.

### Delivering what you expect: **quality, value and efficient service!**

#### **Dedication to quality**

Our clients know the difference quality makes, and we set ourselves apart from many others by maintaining a comprehensive scope of fully-accredited services. We maintain broad accreditations from Standard Council of Canada (SCC), and as an organization RPC was the first in New Brunswick to be accredited to the ISO 9001 standard.

#### **Competitive pricing**

We handle thousands of samples each month using our Navision Laboratory Information Management System and streamlined laboratory processes. These volumes make it possible for us to compete with national laboratories, indeed with any lab offering comparably accredited services.

#### **Personalized service, on-time and on budget!**

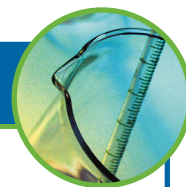
RPC staff takes great pride in being known for outstanding service amongst our loyal clientele. We have earned this reputation by providing 24/7 access for sample submission, responsive turn around of results, customized reporting and direct access to the technical experts carrying out your analysis.

### **Food for thought.**

Did you know RPC offers a full range of nutritional analyses related to food & food safety?



# Organic Chemistry



RPC's Organic Chemistry laboratory offers a wide and unique scope of analytical testing parameters. This includes a Hydrocarbon division capable of providing all testing requirements related to the field of petroleum hydrocarbon remediation and characterization. Outside of routine analyses, RPC is capable of analyzing for a broad range of persistent organic pollutants (PEPs) such as PAHs, PCBs, and Pesticides. RPC is fortified with the latest analytical equipment capable of pushing the critical boundaries of detection and characterization of organic compounds.

## RPC performs organic testing in the following fields:

- Atlantic MUST – TPH/BTEX and MTBE (including Low Level Detection for Potable Sites)
- TPH Fractionation
- EPA 624 and 625 – Volatile and Semi-volatile Organic Compounds (VOC/SVOC)
- PAHs
- PCBs (Total)
- Pesticides and Herbicides
- Analysis of Medical Marijuana

## For more information please contact:

Bruce Phillips  
Director, Organic Analytical Services  
Tel: 506.452.0584  
Email: [bruce.phillips@rpc.ca](mailto:bruce.phillips@rpc.ca)



# Inorganic Chemistry



RPC's Inorganic Chemistry Department offers a comprehensive selection of inorganic analytical services. We provide testing related to drinking water quality, surface and groundwater monitoring and industrial wastewater characterization. From the routine to the exotic, RPC also analyzes soils, sediments, vegetation, fish tissue and a variety of other sample matrices for a wide range of inorganic chemical constituents.

## RPC's Inorganic Chemistry lab offers testing in services in the following fields:

- General Inorganic Water Chemistry
- Trace Metals and Mercury (Regular and Low Level)
- Nutrient Analysis
- Acid-base accounting (ABA)
- Industrial Hygiene Analysis (Paint and Filters)
- Characterization of unknowns

## For more information please contact:

Peter Crowhurst  
Director, Inorganic Analytical Services  
Tel: 506.452.1309  
Email: [peter.crowhurst@rpc.ca](mailto:peter.crowhurst@rpc.ca)



# Microbiology



RPC's Microbiology laboratory provides diagnostic services to customers in the environmental, food, beverage, and feed industry. To keep pace with our customers' needs, we hold accreditation with the Standards Council of Canada (SCC) for the scope of testing as listed on the SCC website.

## We provide the following microbial analyses for a variety of matrices, on a regular basis.

- Total Bacteria Count
- Coliforms, *E.coli*, and/or Faecal Coliforms
- *Staphylococcus aureus*
- *Salmonella*
- *Listeria monocytogenes*
- Heterotrophic Plate Count
- *Pseudomonas aeruginosa*
- Yeasts and Mold
- Enterococci
- *Enterobacteriaceae*
- *Clostridium perfringens*
- *Bacillus cereus*
- Aerobic/Anaerobic sporeformers
- Lactic Acid Bacteria

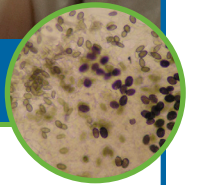
For non-standard analyses, we can develop a program to meet customer needs.

## For more information please contact:

Cathy Hay  
Lab Supervisor, Microbiology  
Tel: 506.452.1390  
Email: cathy.hay@rpc.ca



# Air Quality



The air quality analytical laboratory specializes in indoor air quality as well as breathing air analysis. RPC understands the urgency associated with air quality problems so rapid turnaround (1-2 days) is available in most instances.

## The air quality laboratory offers the following analytical testing:

- molds/fungi
- particle and dust analysis
- compressed breathing air analysis
- VOCs
- asbestos
- ambient air testing
- formaldehyde
- radon (C-NRPP Certified)
- dissolved gases in water

## Breathing Air and Medical Gas

RPC is recognized as an accredited laboratory by the Standards Council of Canada for the analysis of Compressed Breathing Air to the requirements of the CSA Standard CAN3-Z180.1-13, and Diving Gases (including Heliox and Nitrox) to the requirements of the CAN/CSA Z275.2-15 standard. We are also Atlantic Canada's only testing facility accredited by the Standards Council of Canada for inspection of non-flammable medical gas piping systems for compliance with the CSA Z7396.1-12 standard.

## For more information please contact:

Darren Tarr  
Supervisor, Industrial Hygiene  
Tel: 506.460.5656  
Email: darren.tarr@rpc.ca



# Client Services

RPC's centralized client services team will provide you with all the assistance required. Whatever the situation, we are here to help.

## Sampling supplies and advice

Our sample receiving group can provide you with sample containers and client specific sample submission sheets for your samples. Our knowledgeable staff can offer advice on the best way to store and ship your samples prior to arriving at RPC.

## Sample Receiving Hours

To further differentiate ourselves from other accredited laboratories, we receive samples each week day until 5pm, including Fridays.

## Emergency services

Samples can be submitted outside of regular hours by prior arrangement or by emergency call-in. An hourly charge with a one-hour minimum will apply to sample receiving by emergency call-in but not to after hours receiving by prior arrangement. Rush turn-around (with a surcharge) is available for most analysis other than microbiological. Turn-around of micro samples is 18 or 24 hours depending upon the analytical method used, and can't be 'rushed' beyond this. Weekend reporting of micro samples is available with a surcharge.

## Analyst consultation

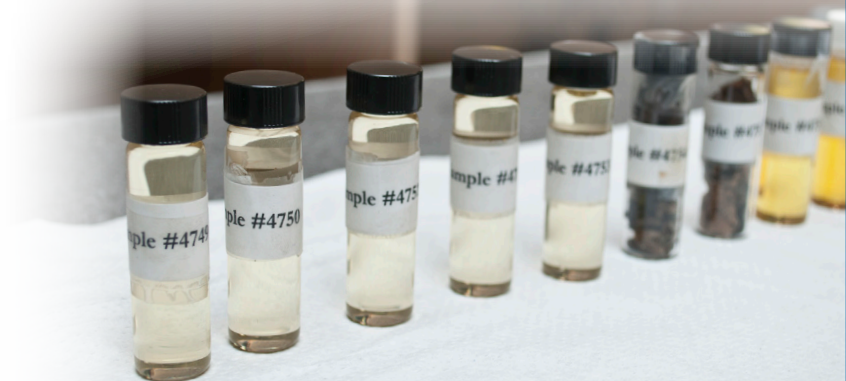
You will have direct access to the technical experts processing your samples, who will be pleased to provide general advice, information or interpretation of our reports.

## Reporting

Email reports are available as PDF documents or Excel spreadsheets and can be customized to your specification. Original hard copies of reports are available, and can be delivered either by mail or fax.

## For more information please contact:

Client Services  
Tel: 506.452.1212  
info@rpc.ca



# Contact Us

## RPC - Fredericton

921 College Hill Road, Fredericton, NB  
Canada E3B 6Z9  
Tel: 506.452.1212  
Fax: 506.452.1395  
Toll Free: 1.800.563.0844  
Email: info@rpc.ca  
Hours: Monday to Friday: 8:15am - 5:00pm

## RPC - Moncton

115 A Harrisville Blvd, Moncton, NB  
Canada E1H 3T3  
Tel: 506.855.6472  
Email: info@rpc.ca  
Hours: Monday to Friday: 8:15am - 5:00pm