



roarengineering.com



Victoria E. Rochon, P.Eng., MBA

Consulting Engineer

Manager, Environmental & Chemical Engineering

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Education

**DEGROOTE SCHOOL OF BUSINESS
(MCMCASTER UNIVERSITY)**

2020

Master of Business Administration (MBA)

UNIVERSITY OF WESTERN ONTARIO

2015

Bachelor of Engineering Science (B.E.Sc.) in Chemical Engineering

Experience

ROAR ENGINEERING

2015 – PRESENT

**Manager, Environmental & Chemical Engineering
Consulting Engineer**

Conduct environmental assessments, chemical engineering, peer reviews, and fire and explosion investigations. Experience in court, arbitration and appraisal.

Complete environmental investigations regarding sites contaminated with mould, designated substances (ex. asbestos, lead, etc.), volatile organic compounds, combustion by-products, fuel products, and other hazardous materials. Conduct site evaluations to determine the cause and extent of contamination, collect samples for laboratory analysis, and complete environmental remediations of contaminated sites.

Determine the extent of environmental contamination on properties through site inspection, visual and olfactory evaluations, and soil and groundwater sampling. Prepare remediation programs, monitor site conditions and manage site activities. Ensure all work is conducted in accordance with the regulations set out by the Ministry of the Environment, Conservation and Parks.

Complete air quality testing to determine the existence of indoor air quality issues, determine the cause, and outline the necessary remedial activities to return the area to a healthy indoor environment.

Conduct site evaluations and sampling to determine the extent of water and/or moisture damage and the existence of mould growth. Certified in conducting mould inspections and experienced in analyzing non-viable air and surface samples. Outline the required cleaning and/or removal of mould-affected building materials. Assemble abatement protocols to assist the contractor in completing the necessary remedial activities. Include required procedures to ensure the health and safety of workers in accordance with Ontario regulations and industry standards.

Conduct Designated Substances Surveys in accordance with Ontario Regulation 490/09 and Ontario Regulation 278/05 of the Occupational Health and Safety Act. Collect bulk samples to determine if asbestos contamination is present in building materials. Collect bulk samples to determine if designated substances are present in building materials. Provide remediation procedures and sketches outlining the materials containing designated substances requiring removal. Complete clearance testing to confirm no contamination remains.

Complete smoke migration investigations and soot impact analyses. Determine the extent of smoke penetration through building layers using knowledge of the Ontario Building Code, visual and olfactory examinations, and laboratory analysis for the presence of combustion by-products. Assess smoke and soot damage to contents after a fire loss.

Complete peer reviews based on up-to-date knowledge of relevant Codes, Standards and Regulations. Provide a thorough analysis of the suitability and methodology of work conducted.

Investigate the origin and cause of fire explosions and failures based on analysis of physical evidence, examinations and testing, and reported information. Conduct investigations for residential, commercial, industrial and vehicle fires and explosions. Investigations completed in accordance with NFPA 921 "Guide for Fire and Explosion Investigations".

Coordinate and prepare comprehensive reports and studies for all of the above investigations and assessments.

STIKEMAN ELLIOTT LLP
Intern, Talent Management

2014

Coordinated and planned events.

Prepared interview questions and scheduled interviews.

Organized various human resources management tanks.

SLOAN ENTERPRISES INC.
Administrative Support

2013

Assembled Reports.

Developed Excel spreadsheets and organized data.



Mentored as an engineering student.

Obtained exposure to the field of forensic engineering.

Volunteering

Women in Insurance Cancer Crusade (WICC)

2018 – PRESENT

Ontario Board of Directors
Chair, Community Initiatives

Launched a new division of the organization, WICC NeXt Gen, focused on uniting and engaging young insurance professionals in WICC's endeavors to support cancer research and education, improve the lives of those affected, and put an end to cancer.

Professional Memberships

Professional Engineers Ontario (PEO)

National Association of Fire Investigators (NAFI)

Association of the Chemical Profession of Ontario (ACPO)

National Association of Mould Professionals (NAMP)

Canadian Society for Chemical Engineering (CSCHE)

Canadian Society of Safety Engineering (CSSE)

International Society of Environmental Forensics (ISEF)

National Ground Water Association (NGWA)

Women in Insurance Cancer Crusade (WICC)

Certifications

Consulting Engineer
Professional Engineers Ontario

Professional Engineer (P.Eng.)
Professional Engineers Ontario

Certified Fire and Explosion Investigator (CFEI)
National Association of Fire Investigators

Certified Mould Inspector
National Association of Mould Professionals



Associate Member

Association of the Chemical Profession of Ontario

Confined Space Awareness Certification

Occupational Safety Ground Inc.

Additional Qualifications

Experience in Court, Arbitration and Appraisal. Qualified as an Expert Witness in Ontario.

