

About the Author

This report was prepared by a team of consultants at Resource Environmental Associates Limited (REA). REA is a professional firm of 30 personnel established in 1991 that specialises in occupational and environmental health and safety, and has significant experience in environmental / non-pharmaceutical infection control.

The principal author of this paper is John H. Murphy, President, Resource Environmental Associates. Mr. Murphy holds Bachelor of Science, Master of Health Science (Occupational Hygiene), and Master of Business Administration degrees from the University of Toronto. He is a Certified Industrial Hygienist, Registered Occupational Hygienist, and Graduate Member of the United Kingdom Institute for Occupational Safety and Health. He has been a full-time practising occupational hygienist since 1985, during which time he has also published and presented on a variety of technical and public policy subjects in occupational health and safety, and served as a member on various professional and governmental advisory bodies, including the Ontario Workplace Safety and Insurance Board's Occupational Disease Panel, and the Ontario Minister of Labour's Joint Steering Committee on Hazardous Substances in the Workplace. He is currently a member of the advisory council for the Centre for Research Expertise for the Prevention of Musculo-Skeletal Disorders based at the University of Waterloo.

Mr. Murphy's personal experience in the subject matter of this paper is summarized below :

- Qualified by the Ontario Labour Relations Board as an expert witness on respiratory protection.
- Respiratory protection program consultant, and project manager in charge of respiratory fit testing clinics for several SARS Alliance hospitals in the Greater Toronto Area, during the 2003 SARS outbreak.
- Consulting team project lead for investigation and remediation of the only two health care sector Legionnaire's disease outbreaks in Canada over the past two decades (Grand River Hospital, 2002, and Seven Oaks Home for the Aged, 2005).
- Project consultant on numerous environmental infection risk assessment and control assignments undertaken for several hospitals and homes for the aged in southern Ontario.
- Project lead for a workplace influenza transmission risk assessment undertaken under contract to the Ontario Ministry of Government Services (2008), and principal author for the project report entitled *Protecting Personnel from Pandemic Influenza* (REA Project 13188, August 2008).
- Advisor to school boards, municipalities and private sector corporations on environmental control measures for reducing risks of influenza transmission.
- Thought-leader advisor to a major multinational manufacturer of health care supplies.
- Various speaking engagements and presentations on environmental infection control topics (including pandemic influenza, Legionnaire's disease, aspergillosis), to professional audiences at conferences and seminars organized by the American Industrial Hygiene Association and the Occupational Hygiene Association of Ontario.