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Long-Term Low-Level Radioactive Waste Management Peer Review

Municipality of Port Hope Peer Review Team Port Hope Area Initiative

Hardy Stevenson and Associates Limited (HSAL) is a multi-disciplinary firm of land use planners, engineers, technical and environmental specialists, and socio-economic specialists. Since 1990, Dave Hardy and HSAL staff and associates have successfully completed approximately twenty five peer reviews. HSAL in association with Terraprobe Limited, Shoreplan Engineering Limited, the Niblett Environmental Associates, iTrans Consultants, AMEC, Eberline Services and individual associates are assisting Port Hope with peer review and technical advice on the Port Hope Project. The Firm is also assisting the Municipality of Clarington.

The Port Hope team is managed by [Anthony Hobbs](#). Anthony is a Professional Geologist who graduated with a Bachelor of Science in geology from the Boston College and has over fifteen years of project experience, including waste management projects. Anthony's specialties include: Project Management, environmental site assessments, industrial and radioactive waste remediation, and stakeholder consultation.

Scope and Purpose of Peer Review

The Port Hope Area Initiative proposes to clean up and implement the long term management of low level radioactive material and marginally contaminated soils in the Municipality of Port Hope. This peer review encompasses detailed technical review of reports and studies prepared as part of the federal environmental assessment and licensing process



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***The following team members are supporting the peer review and providing technical advice for the Municipality of Port Hope:
We have assembled a team of experts who are knowledgeable and intimately familiar with the areas of expertise required to carry out the tasks associated with this Project.***

Our Team

David R. Hardy, M.E.S., M.C.I.P., R.P.P., Project Director and the Principal of Hardy Stevenson and Associates Limited (HSAL), is a Social Scientist and Environmental Planner with twenty five years of nuclear waste management experience specific to public consultation and facilitation, socio-economic impact assessment and land-use analysis. He is an expert on the socio-economic impacts and public consultation approaches to low and high level nuclear waste.

Dr. Murray Finkelstein, Ph.D, MDCM, CCFP, is a physician-epidemiologist with twenty five years experience in the design, conduct, analysis, and reporting of epidemiologic studies of the health effects of occupational and environmental exposures. For twelve years, he was Ontario's representative on Atomic Energy Control Board of Canada's Medical Adviser's Committee, and spent fifteen years as a member of Ontario Nuclear Emergency Technical Advisory Committee. Murray has lectured at the universities of McMaster and Toronto, on the health effects of ionizing and non-ionizing radiation.

Dr. Robert Murphy, Ph.D, has over 25 years of experience in the fields of health physics, radioactive/mixed waste management and environmental protection. His areas of competence include identification of regulatory requirements for radiation protection and waste management, development of operational programs; implementation of radiological controls; design, maintenance and operation of radiation measuring instrumentation and systems; and instruction of classes on radiological subjects including development of course material and lectures.

Dr. Tony van der Vooren, Ph.D., P.Eng., QEP, is the senior manager at AMEC E&C Services responsible for all aspects of air resources and risk assessment. He has been involved in environmental issues for over twenty years in all industrial sectors. His expertise includes industrial air pollution control, permitting, regulatory review, risk assessment, environmental assessment and impact modeling. He has served as an expert witness on numerous occasions.



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STEVENSON
AND ASSOCIATES**

Paul Bowen, P.Eng., is a Principal of Terraprobe Limited and an expert in geotechnical engineering, hydrogeology, technical policy development, waste management and treatment, peer review and expert consultations, and environmental site assessments. He has completed numerous landfill studies, including an inventory of 120 abandoned landfill sites in Ontario that involved a detailed review of local and regional hydrogeologic conditions and detailed site inspections.

Nathalie Baudais, P.Eng., is a Transportation Engineer and Project Manager at HDR/ITRANS with over eight years of expertise in Environmental Assessments. Nathalie has been involved in over 10 Environmental Assessments which involved extensive coordination and consultation with many stakeholders, agencies and the public. Nathalie has been the project coordinator for complex and controversial environmental assessment studies. Her recent EA experience includes: Rymal Road Planning Area (ROPA 9) Master Plan EA (City of Hamilton), 16th Avenue EA (York Region), Special Policy Area 'C' EA (City of Hamilton), Trinity Church Corridor EA (City of Hamilton), Rymal Road and Regional Road 56 EA (City of Hamilton) and Trinity Neighbourhood Collector EA (City of Hamilton).

Milo Sturm, P.Eng., is the President of Shoreplan Engineering Limited and has over twenty years of experience in coastal engineering. He has managed a number of multidisciplinary waterfront studies and shoreline management plans. He has participated in a number of studies in close proximity to the study area

Chris Ellingwood, B.E.S., Mr. Ellingwood is the president and senior terrestrial and wetland biologist for Niblett Environmental Associates. Mr. Ellingwood has over 20 years experience as a biologist working for environmental consulting firms, non-government organizations and the Canadian Wildlife Service in Ontario and the Maritimes. Since joining NEA in 1996, he has conducted environmental impact studies and biophysical inventories (botany, birds, herptiles and mammals) for over 900 projects including urban developments, severances, golf courses, aggregate pits and quarries, road projects, pipelines, water mains, conservation lands, secondary plans, recreational facilities, wetland and amphibian compensation projects, hydroelectric projects and wind power projects.

Dr. Charlotte Young, Ph.D. brings to this assignment 20 years of experience in policy and organizational development in the nuclear energy, natural resources and environmental field. She has an international reputation as a social impact specialist and a public consultation practitioner, researcher, and facilitator. In addition, Charlotte has analyzed socio-economic conditions for environmental assessment and related programs.

Hardy Stevenson and Associates Limited

364 Davenport Road,

Toronto, Ontario, Canada , M5R 1K6

www.hardystevenson.com

Toll Free: 1.877.267.7794

Tel: 416.944.8444

Fax: 416.944.0900