



Ontario

Ministry of
Natural
Resources

Ministère des
Richesses
naturelles

APPLICATION FOR A LICENCE under the *Aggregate Resources Act*

- Application requirements as outlined in the Aggregate Resources of Ontario Provincial Standards must accompany this application form.
- Questions about this information should be directed to the Aggregate Inspector at the Ministry of Natural Resources District in which the site is located.
- All information in respect to this application including written concerns/comments, the names and address of any objector(s) is available for public review for the purpose of this application under the *Aggregate Resources Act*. In submitting a written concern/comment an individual consents under the *Freedom of Information and Protection of Privacy Act* to its disclosure for purposes of the application.

Type of Application: Class 'A' Licence (> 20,000 tonnes per year) Class 'B' Licence (20,000 tonnes or less per year) 3 Category

Type of Operation: Pit Quarry Both Pit and Quarry

Type of material to be removed: Sand and Gravel Crushed Stone Dimensional Stone
 Clay Other _____

Licence Area: 62.3 hectares **Quantity of material to be removed:** 1,000,000 tonnes/yr

Applicant: Name TRI-COUNTY AGGREGATES LTD
Address 92 KENHAR DRIVE
City NORTH YORK Prov. ONTARIO Postal Code M9L 1N2
Phone No. (416) 744 - 7400 Cell No. (416) 668-2348

Location:
UTM Zone: 17 Easting: 567,882 Northing: 4,856,748 Datum: NAD 83

Lot:	Concession:	Geographic Twp.	Local Municipality	County/Region/ District
<u>PT 2 & 3</u>	<u>18</u>	_____	<u>EAST GARAFRAXA</u>	<u>DUFFERIN</u>
_____	_____	_____	_____	_____

Signature of Applicant:  _____ **Date:** February 2015
Name and Title of Signing Officer: LARRY PEVATO, PRESIDENT

For Office Use Only:
Application Fee: \$ _____ Receipt No.: _____ Date: _____

ROBERT JAMES LONG, Senior Environmental Engineer and Planner

PERSONAL: Born, Brampton, Ontario
Married, 3 children

EDUCATION: University of Guelph, School of Engineering
B.Sc., Water Resources Engineering, 1971

Harvard Graduate School of Design, Land Resource
Analysis and Land Use, Summer 1976

University of Waterloo, Ontario Professional Planners Institute
Planning Program, 1996-97

REGISTRATION: Registered Professional Engineer, Ontario
Designated Consulting Engineer to 2019

Member, Canadian Institute of Planners &
Ontario Professional Planners Institute

AFFILIATIONS: Lambda Alpha International - Honourary Land Economics Society, 1994

TECHNICAL

PAPERS:

Water Supplies for Rural Subdivisions, Long, R.J. and Witbeck, W. O., Workshop Paper presented to Annual Meeting, Ontario Section, American Water Works Association, Sudbury, Ontario, May 1976

Beaver Valley Secondary Planning Study, an Alternative Niagara Escarpment Plan for the Beaver Valley, May 1982. Director of Grey County consulting team of 14 environmental specialists and 4 person Expert Witness Panel, presented to the Niagara Escarpment Plan Hearing Officers, June 1982

Proposed Revisions to the Niagara Escarpment Plan, submission for the Clay Brick Association of Canada, Principal Author for 7 Person Planning & Technical Committee, May 1991 & Principal Hearing Witness

Site Planning for Pits and Quarries, Workshop Presentation to the CCRS - Caledon Community Advisory Group, Caledon East, Ontario, September 1997

Rural Resource Protection - Shale Quarry Planning & Approval Process, Long, R. J. and Mott-Allen, N. E., Presentation to the Regional Planning Commissioners of Ontario, Kingston, Ontario, September 2007

Development Of A Private Communal Water System Through The Municipal Class Environmental Assessment Process, Koc, Oya; Long, Robert; and Rodriguez, Sandra, Annual Meeting, Ontario Water Works Association, Toronto, May 2009



PROFESSIONAL CHRONOLOGY

TRITON ENGINEERING SERVICES LIMITED, ORANGEVILLE

1971-74 Director and Principal Environmental Engineer

1974-78 President and Principal Environmental Engineer and Planner

Responsible for water resources engineering and planning, including: Ministry of the Environment sewage and water works projects in Orangeville, Beeton, Dundalk, Grand Valley and St. George; Conservation Authority studies for flood and erosion control for the Credit, Grand, Metro Toronto and Nottawasaga Valley Conservation Authorities; stormwater and wastewater management; environmental and site planning. Mr. Long was responsible for municipal and private land development projects, in many small municipalities and rural areas, including environmental appraisals, draft plans, municipal services, communal and private sewage and water works, environmental and stormwater management design and construction.

1975-82 ECOLOGICAL SERVICES FOR PLANNING LTD., GUELPH

Director of Environmental Consulting Firm

Founder and principal shareholder of environmental consulting firm. Management and organization of environmental assessment studies for drainage, aggregate resources and land development. Specific responsibility for water resources inventories, hydrologic impact, stormwater management and aggregate resources. Name changed to ESG International, now Stantec Consulting Ltd..

1978- LONG ENVIRONMENTAL CONSULTANTS INC., ORANGEVILLE
LONG ASSOCIATES CONSULTING LIMITED
Environmental Engineers and Planners

Environmental engineering and planning services for private development of land and mineral resources, specializing in the latter. Integrated land resource analysis; computer design and drafting; digital terrain modelling and information technology. The firm provides a complete environmental engineering and planning service, including resource appraisals, site plans, planning documents, design of environmental protection works, compliance assessment, permitting, operations advisory services, rehabilitation and monitoring, with associated consulting specialists, as required.

Mr. Long has been qualified, as a Senior Environmental Engineer, in the County, District and Supreme Courts of Ontario, on civil matters; and as a Senior Environmental Engineer and Planner, at the Consolidated Hearing Board, Ontario Municipal Board, the 3 Niagara Escarpment Tribunals and the National Energy Board Compensation Committee on mineral aggregate matters.



PROFESSIONAL EXPERIENCE - CONSTRUCTION AGGREGATES AND INDUSTRIAL MINERALS

Mineral resource development services provided by Long Environmental Consultants Inc. Have included studies to identify alternative sources of supply; surveys for new pits and quarries; site plan preparation; and modelling, monitoring and design for measures to mitigate adverse effects. The firm provides a complete environmental engineering and planning service, from initial project concepts and planning, through site analysis and design, planning document amendments, agreements, licences, permits and operations in association with supporting technical experts, as required. Services have been provided to resolve design, operating and permitting problems and as expert testimony, on behalf of proponents and selected opponents, before municipal councils, boards and hearing officers. Mr. Long has been retained to provide aggregate advisory services to the Towns of Caledon and Centre Wellington, the Region of Halton and the former County of Victoria.

CLAY BRICK ASSOCIATION OF CANADA

Retained to review January 1991 *“Proposed Revisions to the Niagara Escarpment Plan ”*, by Ontario's clay brick manufacturers. Coordinated a team of industry and consulting specialists in an examination of available shales resources, industry trends, proposed policies, map changes on clay products manufacturing and intervention in the Niagara Escarpment Plan Review. Long Environmental continues to be retained by Brampton Brick Limited and Hanson Brick Ltd., for compliance, licensing, permitting and planning matters. Mr. Long was recently involved, on behalf of Ontario's clay brick industry in the City of Brampton's Northwest Shale Resources Review; appeals of Halton Region Official Plan Amendments Nos. 25, 2004 and 38, 2009; submissions on the PPS, Greenbelt and Places To Grow, Growth Plans; the Niagara Hydro Tunnel Shale Re-use Committee, 2005-2006; the appeal of the Peel Region Official Plan Amendment No. 15, 2006-2007; and the Technical Advisory Committee for Halton Region's aggregate resources policy development, 2008-2009.

ONTARIO PITS AND QUARRIES

Mr. Long has been retained for more than 50 Ontario pits and quarries, by producers of building stone, construction aggregates and industrial minerals, since 1978. Several license applications were approved without referral to a hearing. He has acted as principal consultant for precedent setting applications, including Caledon Sand and Gravel's 80 hectare expansion; Brampton Brick's Cheltenham Quarry; and Canada Brick's Milton Brickworks development, within the Niagara Escarpment Plan Area; and in a variety of other jurisdictions, including Hanson's Aldershot Quarry and Brick Plant, 1999-2015; Strada Aggregates' Erin and Melancthon Pits, 2002-2009; Cambridge Aggregates North Dumfries Pits, 2003-2015; Hanson's Tansley Quarry, Burlington, 2003-2015; the Lowndes Mountsberg Quarry, Hamilton, 2003-2006; the Highlands Company Melancthon Mega Quarry, 2007-2010; Brampton Brick's Norval Quarry, 2007-2015; Cambridge Aggregates Ayr Pit, 2012-2015; and Tri-County Aggregates East Garafraxa and Markdale Pits, 2013-2015.

