



The Proposed Upper's Quarry

Information Book

Walker has been operating Walker Brothers Quarries at Taylor Road and Thorold Townline Road for many years. Stone from this quarry has been used to help grow the Niagara Region into what it is today.

Based on continued growth of the Niagara Region, additional stone is needed. Walker is proposing a new quarry to meet the demands for critical infrastructure, construction and community development projects in the coming years as Niagara continues to grow and prosper.

The proposed quarry site is a plot of land owned by Walker between Thorold Townline Road and Beechwood Road, south of Beaverdams Road. Studies have been conducted to collect information to support the application for a quarry licence at this location.

Who we are.



A fifth generation family-owned company with over 1200 employees across North America.

Operating for over 130 years.

Diversified service offering



Committed to our communities

by giving back to social, mental and public health through corporate giving, community partnerships and employee volunteer days.



Committed to the environment

through our **EARTH 1st** principles:

- Efficiently operate
- Acknowledge our part
- Reduce our impacts
- Take time to plan
- Higher environmental performance
- 1st Innovation & leadership



Committed to health & safety

by focusing on education and training for all levels of management and employees, providing updated programs and training tools and subsidizing employees' fitness and wellness efforts.



What are aggregates used for?

Every Ontarian uses **14 tonnes** of stone, sand and gravel each year. That's almost an entire dump truck full of stone.

Aggregates from Walker Brothers Quarries have been used to create local infrastructure such as homes, roads and highways, hospitals, schools, offices and commercial buildings, sports fields, the wall structure along the Welland Canal, local wastewater treatment plants and the reservoir for the Niagara hydro-electric generating station, to name just a handful of examples. Agricultural lime from the quarry has also been used by local farmers as a soil supplement to support the region's rich agricultural industry.

Support infrastructure

- Roads
- Bridges
- Sidewalks
- Schools
- Hospitals

> Building foundations, bricks, stucco, insulation, drywall, roofing, shingles, home interior (tiles, sinks, paint, mirrors, etc.)

Support residents

- Home building
- Paving
- Water
- Landscaping
- Recreation

> Roads, driveways, sidewalks, curbs, storm drains, street lamp bases

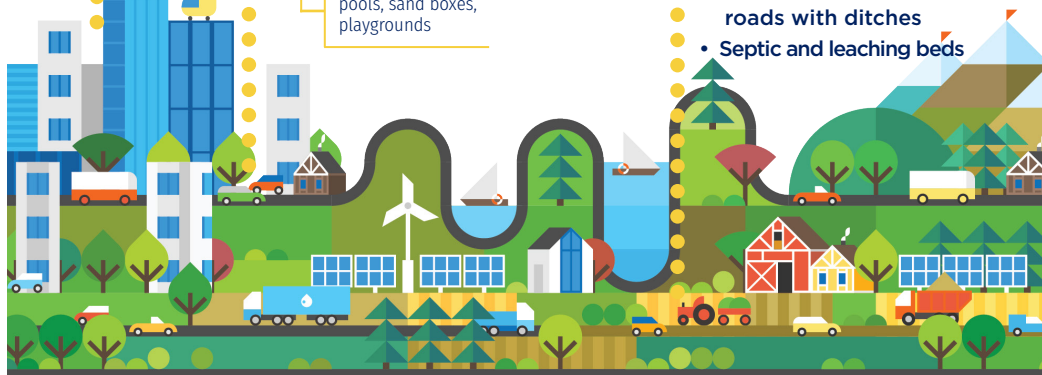
> Municipal water filtration

> Armour stone, retaining walls, ponds, patios, walkways, decorative mulch

> Swimming pools, sand boxes, playgrounds

Support farming

- Agricultural lime
- Fertilizers
- Water filtration
- Roadway servicing
- Culverts on open roads with ditches
- Septic and leaching beds





Why Here?

The Ministry of Natural Resources and Forestry has identified the Upper's site as one with a good quality reserve of aggregates that can be easily accessed. Not all stone can be used in construction applications, but the stone at the proposed site has the superior quality necessary to support essential construction needs.



Very few areas in the province have aggregate of a quality and in a quantity suitable for locating a quarry. This site is ideal based on its proximity to major roadways to support efficient transportation. Having an aggregate source close to the market where it will be used is an important factor in reducing environmental impacts such as greenhouse gases and carbon emissions for truck travel. It also ensures that this vital resource is provided at a reasonable cost to taxpayers who indirectly support local infrastructure development.

The Proposed Site

The "Upper's Quarry" would provide high quality limestone and granular stone that can be used in a wide variety of construction applications.

263
acres 

Walker Industries owns approximately 263 acres of land between Thorold Townline Road and Beechwood Road just south of Beaverdams Road in Niagara Falls. The proposed quarry site area will have a minimum of 30 metres of land set back from Beechwood Road and Thorold Townline Road.

40-50
years of
resources

The proposed quarry is estimated to provide 40 to 50 years' worth of limestone depending on market conditions.



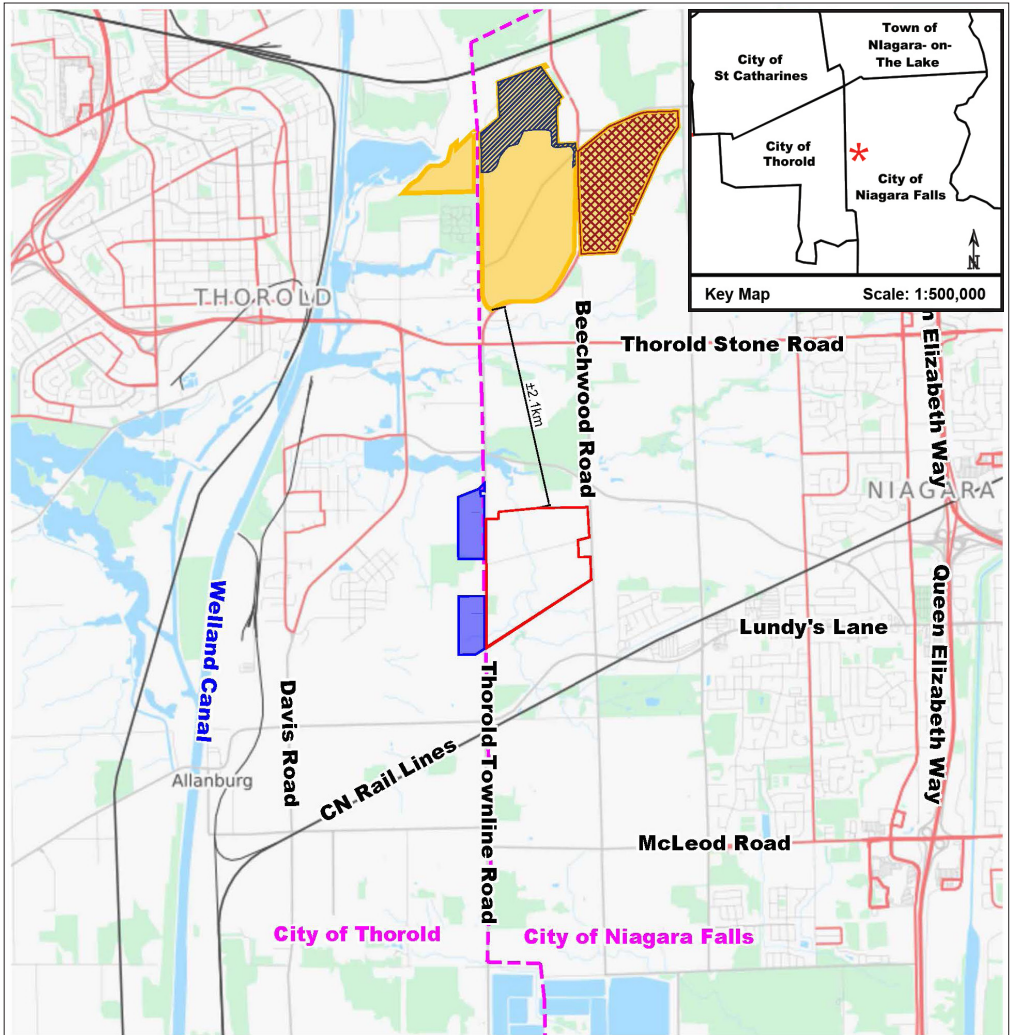
The planned route for trucks to enter and leave the site is via **Upper's Lane** and / or **Thorold Townline Road**. There will be no entrance / exit onto Beaverdams Road.

The licensing process is guided by multiple acts, regulations and policies which require Walker to conduct multiple studies concerning the natural environment, community safety and cultural heritage.

The proposed site, lies outside of the Greenbelt Area and is not designated as part of the provincial natural heritage system.

Quarry operations are regulated by the Ministry of the Environment, Conservation and Parks (MECP) to ensure that the noise, dust and blast vibration levels are within its defined parameters.

The proposed Upper's Quarry site



Data Source: Open Street Map 2019

Figure 1

Location Map

Upper's Quarry,
City of Niagara Falls,
Region of Niagara

LEGEND

- Subject Lands (± 106.3 ha)
- Other Buffer Lands (± 31.6 ha) Owned by Walker
- Municipal Boundary
- Existing/Former Walker Brothers Quarry
- Existing Walker Brothers Quarry (Licence 1175)
- Existing Walker Brothers Quarry (Licence 4457)

DATE: December 10, 2019

SCALE: 1:50,000



MHBC PLANNING
URBAN DESIGN
& LANDSCAPE
ARCHITECTURE
233-7050 WESTON ROAD, WOODBRIDGE, ON L4L 8G7
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Licence application

under the
Aggregate Resources Act

STEP
01

Feasibility

Initial studies and consultation, i.e. does it make sense?

Submission & Compliance

Application is submitted. MNRF reviews application for completeness.

STEP
02

STEP
03

Notification & Circulation

MNRF posts public proposal notice and circulates notice to pertinent agencies.

Community Consultation

Public information session and opportunity for public commentary.

STEP
04

STEP
05

Consultation Review

Collaborate with community members to review concerns and discuss solutions.

Decision Process

Community feedback and potential resolutions provided to MNRF for review.

STEP
06

Acts, Regulations and Policies to be Addressed

- Places to Grow Act
- City of Niagara Falls Official Plan and zoning by-laws
- Provincial Policy Statement
- Endangered Species Act
- Growth Plan for the Greater Golden Horseshoe
- Fisheries and Oceans Canada regulations/approvals
- Aggregate Resources Act
- Environmental Protection Act
- Region of Niagara Official Plan
- Ontario Water Resources Act



The Regulatory Environment

Numerous conditions must be satisfied in order to proceed including meeting provincial, federal and regional government regulations and ensuring there are no environmental impacts that cannot be satisfactorily mitigated.



Stakeholders and Regulatory Bodies to be Engaged

The following groups are among those who will receive information about the proposed quarry and be invited to participate in open dialogue throughout the application process:

- Indigenous communities
- Regional and local municipalities
- Niagara Peninsula Conservation Authority
- Neighbours of the site
- Nearby businesses
- Ontario Ministry of Agriculture, Food and Rural Affairs
- Ministry of Tourism, Culture and Sport
- Fisheries and Oceans Canada
- Ministry of Natural Resources and Forestry
- Ministry of the Environment, Conservation and Parks

Studies Conducted

Walker's consultants have conducted a variety of studies including the following:




- Archaeological Assessment
- Water Study
- Natural Environment Assessment
- Agricultural Impact Assessment
- Air Quality Study
- Traffic Study
- Blasting Impact Assessment
- Planning Justification Report and Aggregate Resources Act Site Plans
- Cultural Heritage Assessment
- Visual Impact Assessment
- Economic Impact Assessment


Studies are publicly available and posted on the Upper's Quarry Proposal website: www.upperquarry.ca.



Contact us for more information

For information about the proposed Upper's Quarry:

-  www.uppersquarry.ca
-  Information Line: 1-844-907-3731
-  info@uppersquarry.ca

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To learn more about Walker Industries, visit www.walkerind.com.

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Resources and Forestry**
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Niagara Falls, ON L2E 6X5
905-356-7521

Niagara Region
Planning and Development Services
1815 Sir Isaac Brock Way
P.O. Box 1042
Thorold, ON L2V 4T7
905-980-6000

Have your say

Nearby neighbours and interest groups will be provided information about the application through newsletters, open houses, meetings and information on the Upper's Quarry website.

As a member of the Niagara community Walker also wants to hear your thoughts. We need to develop a quarry that works for everyone, building our neighbours ideas and concerns into an overall plan that supports Niagara.