

Where to Get More Information

More information can be obtained by reviewing the following legislation:

- Aggregate Resources Act
- Planning Act
- Endangered Species Act
- Environmental Protection Act
- Provincial Policy Statement
- Environmental Registry
- Peterborough County Official Plan
- Municipality of Trent Lakes Official Plan
- Municipality of Trent Lakes Comprehensive Zoning By-law

To find locations of all pits and quarries in Ontario, as well as aggregate operation information, visit <https://www.ontario.ca/environment-and-energy/find-pits-and-quarries>

Subscribe to get notifications by visiting the Municipality of Trent Lakes website www.trentlakes.ca

Cottagers Associations

You can also get information from local associations:

- Big Bald Lake Cottagers Association www.bbica.ca
- Cavendish Ratepayers Association www.cavendishcommunitycentre.wordpress.com/ccrai
- Crystal Lake Cottagers Association www.crystallakecottagers.ca
- North Pigeon Lake Association www.npla.ca
- Federation of Ontario Cottagers' Associations www.foca.on.ca

Contact Information

Ministry of Natural Resources and Forestry

Bancroft District Office (all lands North of County Road 36)

106 Monck St
Bancroft ON K0L 1C0
Tel: 613-332-3940

Peterborough County Office

470 Water Street
Peterborough ON K9H 3M3
Tel: 705-743-0380

Municipality of Trent Lakes Office

760 County Road 36
Trent Lakes ON K0M 1A0
Tel: 705-738-3800

Kawartha Region Conservation Authority

277 Kenrei Road
Lindsay ON K9V 4R1
705-328-2271

Peterborough District Office (all lands South of County Road 36)

300 Water St, 5 North
Peterborough ON K9J 3C7
Tel: 705-755-2001



Pit and Quarry Development in Trent Lakes

The Municipality of Trent Lakes is blessed with an abundance of natural beauty and splendor in the form of rivers, lakes, plants and wildlife species. Trent Lakes also has many natural resource deposits (i.e. limestone, aggregate, graphite, etc.) with a number of approved pits and quarries located across the Municipality of Crown and private land. This guide is intended to provide citizens with general information on aggregates, the approval process and sources for additional information.

What are Aggregates?

- Aggregates are usually sand, gravel, clay, earth and bedrock.
- It's a non-renewable resource which we use and benefit from every day.
- We live and work in buildings built with aggregate.
- Our children go to schools built with aggregate.
- We reach our destinations on roads and highways constructed from aggregate.
- The water we drink is filtered and purified by aggregate.

Use of Aggregates

- Over 440 tonnes of aggregate are used in the construction of every house. Aggregate is used for foundations, concrete blocks, brick, mortar, shingles, steel, glass and asphalt.
- A small school uses approximately 13 000 tonnes of aggregate.
- An office tower uses 16 000 tonnes of aggregate.
- The construction of one kilometer of a six-lane expressway requires 51 800 tonnes of aggregate.

Some Aggregate Fast Facts

- Ontario consumes an average of 170 million tonnes of aggregate annually.
- The projected consumption of aggregate in Ontario for the next 25 years is 4 billion tonnes.
- Over 50% of aggregate produced in Ontario is used by the public sector.
- 60% of the cost of aggregate is transportation.
- Every extra kilometre of roadway added to the average GTA haul increases annual greenhouse gases by 3 500 tonnes and consumes an additional 2 million litres of fossil fuel.
- Don't make gravel travel. It makes economic and environmental sense to use close-to-market aggregate deposits.

What's the Difference Between a Pit and a Quarry?

- A pit is where loose material, such as sand and gravel, is removed and is either crushed or screened to make various products like gravel for your driveway or sand for a beach.
- A quarry is where solid bedrock, such as limestone and granite, is either blasted from a rock face or picked mechanically by heavy equipment from the surface or a rock ledge. It is used to make clear stone or landscaping rock, among other products.

Approval Requirements

To operate a pit or quarry on Crown Land or to extract Crown-owned aggregate or topsoil, a permit is required under the Aggregate Resources Act. The permit is issued by the Ministry of Natural Resources and Forestry and, similar to licence approvals on private land, is guided by the *Aggregate Resources of Ontario: Provincial Standards*. Unlike private land, no Planning Act approvals are required, however, municipal input is sought.

On private land, a licence is required under the Aggregate Resources Act. Licences are issued by the Ministry of Natural Resources and Forestry. The mandatory requirements and the process for obtaining a licence is outlined in the *Aggregate Resources of Ontario: Provincial Standards*. A Class B licence is required if less than 20 000 tonnes of aggregate is removed annually. If more than 20 000 tonnes of aggregate is removed annually, a Class A licence is required.

Public authorities, like the Ministry of Transportation and municipalities, may obtain a wayside permit to extract aggregate for temporary road construction or maintenance projects.

On private land, municipal approval is required by Council through an Official Plan Amendment and Zoning By-law Amendment. The Planning Act outlines the notification requirements, however, Trent Lakes Council has passed a policy that requires an increased notification distance of 500 metres, notice published in the Kawartha Lakes and Peterborough This Week, increased signage requirements, and an increased mailing period of 30 days.

For both types of approvals, a number of documents and reports are required. These are available for review by the public at the Municipal Office or Ministry of Natural Resources and Forestry District

Did You Know?

One truckload of aggregate is the equivalent of 20 tonnes.



*For illustration purposes only

How to Participate in the Approvals Process

The opportunity to participate in the process is available for both Provincial and Municipal approvals. The key to successful participation is to keep informed of local events and news. This can happen through groups or clubs, cottage association meetings or newsletters, the local newspaper or blogs, attending local meeting of Municipal Council, monitoring the Municipal website, among others.

Future Growth and Supply

Consumption of aggregate generally reflects economic growth in the province. Ontario's economy depends on maintaining a competitive supply of high quality aggregate at a reasonable cost and close to market.

As our population grows, so too will our demand for aggregate. We will need affordable places to live and work.

We are using aggregate faster than we can develop available supplies for the future. We face the prospect of aggregate shortages. The result will be a dramatic increase in cost of Ontario consumers.

Roads, schools and houses aggregate will always be one of our basic necessities and helps form the foundation of our everyday life. We must ensure that, as one of our non-renewable natural resources, aggregate is managed and used wisely to meet a variety of needs. Managed responsibly, aggregate will continue to be the foundation of our society and economy well into the future.

