

CALEDON GETS READY TO REVIEW THE LIMEBEER PIT PROPOSAL

Lafarge is applying for a Category 1, Class A, Pit Below water - licence to mine aggregate in Caledon, on the last piece of unmined property that is adjacent to Green Lake south of Hwy#24 (Charleston Road). The licence application is for 111 acres.

Green Lake is a narrow, 35-1/2 acre kettle lake made up of open water surrounded by more marshy lands - together occupying about 123-1/2 acres in all. 34 acres of the area to be licensed falls within this 123-1/2 acre area according to the proponent's hydrogeological and hydrological report.

Kettle lakes were formed as a result of glacial deposits during the last ice age and are quite rare in southern Ontario. According to the Natural Heritage Information Centre of the Ministry of Natural Resources, Green Lake is dependent on surface run-off from the surrounding slopes as well as a perched water table [perched=set up high above the water table]. Water levels drop significantly in the summer.



GREEN LAKE CALEDON, ON

Green Lake is connected to wetlands on the north side of Charleston Sideroad by a culvert under the highway and these wetlands in turn connect to Caledon Creek at a point less than 500 metres from where it flows into the Credit River. There is a hydrological connection between Green Lake and the Credit River and its intermediary surface water features. What happens to Green Lake happens to all its downstream relatives.

Green Lake is a designated "provincially significant wetland". It is also an ANSI - Area of Natural and Scientific Interest - and is protected by regional and local environmental designations. The marshes contain a variety of vegetative species, and are usually flooded in the spring and early summer and

at the water's edge by late summer. Seventeen privately owned cottages surround the eastern and western banks of the lake accessed by a right of way from Charleston along a Lafarge owned private road.

Currently Lafarge owns more than 1435 acres of interlocking properties with operating pits from Cataract Road to Hwy 10, south of Charleston SDRD. The Limebeer site along the western edge of Green Lake is the remaining parcel of land where it hopes to extract an estimated 5,200,000 metric tonnes of aggregate - 1,000,000 tonnes per year [1 metric tonne=1.102 ton].

In its proposal material for Limebeer, Lafarge declares that it does not plan to extract aggregate below the water table but will stop 5 ft (1.5 metres) above it. MNR requires that pit operations that intend to excavate in such close proximity to the water table require below-water licences and undergo a more rigorous investigation.

Lafarge describes the Limebeer Pit as a feeder pit to existing operations. There will be no processing of aggregate or dewatering activities onsite. One extraction loader and some trucks will be required to remove aggregate for processing elsewhere within the existing Lafarge pit complex. The traffic studies that support the application can be confusing but it appears that off road truck traffic between Limebeer and the processing area will generate about 10 return trips per hour. The overall estimate is that Limebeer's aggregate will add 12 more trucks per hour at peak times to the traffic travelling through Lafarge main gates at Hwy 10.

The Limebeer Pit proposal POPA 14-05 & RZ 14-08 is available on the Town of Caledon website: [Lafarge Canada Limebeer Pit - Town of Caledon](#)

For news reports about public information meetings (PIM) in Caledon view: [Lafarge announces expansion plan for Caledon Village pit](#)