

**ENVIRONMENTAL AND LANDS TRIBUNAL ONTARIO  
LOCAL PLANNING APPEAL TRIBUNAL**

**PROCEEDING COMMENCED UNDER** subsection 34(11) of the *Planning Act*, R.S.O. 1990, c. P. 13, as amended

Applicant and Appellant:	Colacem Canada Inc.
Subject:	Application to amend Zoning By-law No. 2000-75 – Refusal of Application by Township of Champlain
Existing Zoning:	Rural Zone (RU)
Proposed Zoning:	Industrial Heavy – Special Zone (MG-3) and Industrial Heavy – Special Exemption Zone (MG-4)
Purpose:	To permit a cement plant and accessory structure
Property Address/Description:	Lot 217, Plan M-100, County Road No. 17
Municipality:	Township of Champlain
Municipal File No.:	Z-7-2016
LPAT Case No.:	PL170192
LPAT File No.:	PL170192
LPAT Case Name:	Colacem Canada Inc. v. Champlain (Township)

**PROCEEDING COMMENCED UNDER** subsection 17(36) of the *Planning Act*, R.S.O. 1990, c. P. 13, as amended

Appellant :	Action Champlain
Subject:	Proposed Official Plan Amendment No. 30
Property Address/Description :	Lot 217, Plan M-100, County Road No. 17
Municipality:	Township of Champlain
LPAT Case No. :	PL170756
LPAT File No. :	PL170756
LPAT Case Name :	Action Champlain v. Prescott and Russell (United Counties)

**REPLY WITNESS STATEMENT OF Alain Bernard**

**June 29, 2018**

**I. INTRODUCTION**

1. I have reviewed the Witness Statement of François Duhaime.
2. While the groundwater and stormwater issues and all technical details related to water issues will be presented in Golder's expert evidence, there are a number of factual elements pertaining to groundwater I will testify upon in response to Dr. Duhaime.

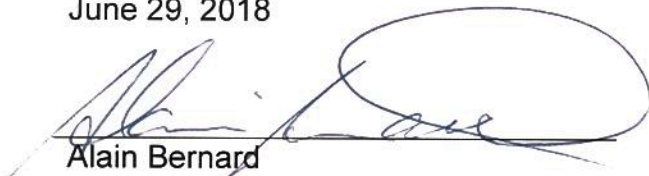
**A. Water Pumping at the Quarry**

3. I will testify on the circumstances and the context in which water is currently pumped at the l'Original quarry.
4. In particular, I will describe that water is currently only being pumped when it is necessary to conduct extraction activities. The water is of no use for the quarry and is directed into the Charlebois Drain.
5. The quarry also undergoes dewatering in the winter: only the first three feet of water is frozen and the water underneath can be discharged.
6. Thus, there is at times no need to pump water for several weeks if extraction activities are conducted closer to the surface (water usually accumulates in deeper areas of the quarry) or if the quarry is operating at reduced capacity.
7. In other words, the levels of dewatering are related to operational needs, rather than levels of available water.

**B. Sump Height**

8. Colacem intends to rely entirely on the quarry sump discharge water (in addition to minor water volumes collected from the runoff within the Petcoke Storage Area) to supply the proposed cement plant. This will significantly limit the volume of excess quarry sump water that Colacem discharges to the Charlebois Drain.
9. At this point in time, a significant part of the quarry is currently, on average, at a height of 1.31 meters.
10. However, Colacem is considering deepening a portion of the quarry up to 10 meters in height, which it is permitted under its current operating permit. This can be done quickly and efficiently through controlled rock blasting, a process already used as part of normal quarry operation.
11. This deepening could significantly increase the water reserve capacity of the quarry and ensure continuous operation of the cement plant.

June 29, 2018



Alain Bernard