

From: [REDACTED]
To: [Coreena Smith](#)
Subject: FW: Bruce County Council application C-2023-004 Z-2023-056 Carson Rollnumber: 411044000203700
Date: Wednesday, November 13, 2024 4:07:01 PM

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Dear Coreena, I am making application to speak in regard to the Carson's Supply application at the Public Meeting for County Official Plan file C-2023-004, scheduled for November 21, 2024

Focus of my topic, taken from planning report

[4398_Planning_Report_Public_Meeting_Z56_Carson_file.pdf](#)

A concrete batching plant would also be added as a permitted use through the site-specific amendment. Concrete batching plants are prohibited throughout the zoned area of the Town, either alone or in conjunction with other uses, unless specifically listed as a permitted use in a specific zone.

Adverse health effects of concrete batching plant exposure have been found in occupational contexts but are less defined for the general population living near plants. Almost all the studies found positive associations between cement plant exposure and respiratory diseases and symptoms. An excess risk of cancer incidence and mortality in both children and adults mainly concerning respiratory tract cancers was also reported in some studies. Higher values of heavy metals and of a biomarker of renal toxicity were found in the exposed compared to unexposed populations. (Cited by [Cardiorespiratory diseases in an industrialized area: a retrospective population-based cohort study](#). Bustaffa E, Mangia C, Cori L, Bianchi F, Cervino M, Minichilli F. BMC Public Health. 2023 Oct 18;23(1):2031. doi: 10.1186/s12889-023-16925-9

I will be brief but I want to bring up the dangers of emissions from a concrete batching plant, these have been well documented but there is science suggesting that the danger zone for these emission reaches further than the just the vicinity of the proposed plant. These emissions can cause health threats to an area of 30 km with the most sensitive being children and seniors as well as people with lung conditions.

If we just look at what is under a five km radius of this proposed site, we will be including two public schools, two long term care facilities, a nursery school and our local hospital. Also approximately a 1000 residents fall into the five km radius of this site.

This decision will be impacting our most vulnerable population, I just want to make everyone aware the long term effect this amendment can have on our community.

Respectfully submitted

Martha Bennett



Southampton

