

From: [REDACTED]
To: [Lindsey Green](#)
Cc: [Barbara Dobreen](#); [Jim Frew](#); [Jason Rice](#); [Michael Sherson](#); [Martin Shipston](#); [John Woodbury](#); [Brian Milne](#); [Clinton Stredwick](#)
Subject: Request to speak at April 21 meeting
Date: April 19, 2021 9:20:19 AM

Hi Lindsey. I would like to request that I be able to speak for a few minutes at the April 21st Council meeting re: Wilder Lake development.

In the spirit of giving everyone a heads up as to my message, I plan to highlight the following issues. First I wish to highlight what we know empirically:

1. Wilder lake has an existing algae problem.
2. Phosphorous content in lakes is a primary contributor to algae growth
3. Wilder lake has had measured phosphorous levels, over the last 10 years, similar to the Hanover lakes, who also have an algae problem. We don't want to get to their levels of algae.
4. Phosphorous is a major ingredient in fertilizer.
5. When development occurs, unfortunately, fertilizer is often applied by residents to improve their individual landscapes and we have no way to prevent that.
6. For each pound of additional phosphorous entering the lake via **RUN-OFF**, we can expect 700 pounds of additional algae. We don't have lots of room for error.

This is what we don't know:

1. The peer review by Burnside Engineering that is mentioned in the Staff Report has not been made public. The document posted to the Township website is an email from Burnside to Clinton Stredwick and Randy Bye. Is there a final Burnside report that addresses the run-off mitigation plan? Can this be made public?
2. How many additional pounds will enter the lake each year as a result of this development/run-off?

Until we have a clear answer to the last question, I don't see how we can recommend a draft subdivision plan because the answer to that question sets the plan for all the phosphorous mitigation efforts we plan to do. (e.g. population density, lot grading, etc)

I would like to propose that we defer any further advancements of approvals until we clearly understand how much additional phosphorous we expect to enter the lake and what our detailed mitigation plan is. Storm water ponds are only part of the solution. Specifically, there are many elevations of lakeside lots where run-off will flow to the lake directly unless we do something. How do we mitigate that?

Yours truly,

Robert Caprini