

From: Kevin McLaughlin <kevinmcl@live.com>
Sent: Thursday, March 21, 2024 5:16 PM
To: vannary.tan@stantec.com; david.glen@stantec.com
Subject: 47 Main Street 40B Abutters Concerns

Hello Gentlemen,

My name is Kevin McLaughlin I live at 52 Main Street in Upton (directly across the street from where the proposed road for the Upton 40B apartments will be cut in) I was at last nights ZBA meeting with a few questions. I understand the reason Stantec was not in attendance was because there was not enough time for you guys to go over the recent changes submitted by the developer. I was hoping that by reaching out directly, you guys will be able to include my concerns in your review. My main concern is that there are two sources of water that flow to the head wall/ culvert (that was detailed on all the drainage maps.) on the North side of RT.140. It was my suspicion that because the existing catch basin was not detailed on any of the drainage documents or maps (before the 2/21 meeting) it was not figured into the water studies. The developers engineer (Mr. Lavoie) in attendance last night confirmed my suspicion that the existing catch basin on the North side of Rt. 140 was not taken into account. This is very concerning to me because there is a 15" pipe (that runs under the state highway) that connects the headwall and catch basin on the North side directly to the headwall that is on my property on the South side. This will send all the water at full clip, unmitigated, and uncleaned approx. 30 feet downhill from CB1 and CB2 from the proposed road and sidewalk directly onto my property. This does not seem to comply with your recommendations from your Civil Stormwater Review 2/16/24 with regards to Stormwater Management. Here is what was stated in the report:

STORMWATER MANAGEMENT SYSTEM The Comprehensive Permit Preliminary Residential Development Plans submittal provides a layout of the proposed open and closed storm drainage system facilities, including drain manholes, **catch basins**, piping, stormwater basins, and subsurface infiltration chamber system. We offer the following comments on the proposed stormwater management system, specifically for compliance with the ten performance standards as outlined in the MassDEP Stormwater Management Standards. **1. No new stormwater conveyances (e.g., outfalls) may discharge untreated stormwater directly to or cause erosion in wetlands or waters of the Commonwealth.** February 16, 2024 Page 4 of 8 Reference: Comprehensive Permit Application (40B) 149 Main Street (Route 140) **The project is designed with no untreated stormwater discharge.** We recommend the applicant provide rip-rap sizing calculations to confirm no erosion or scouring occurs at the drainage pipe outfalls and subsurface infiltration chambers. The design storm peak flow should be indicated on the calculations and in agreement with the HydroCAD analysis.

This is very concerning to me, I am also concerned about the additional volume of water this will introduce to my property. It is my understanding that the volume of water introduced onto my property cannot be increased by 1 gallon. It was stated that the drainage area sending water my way was cut from approx..21,000 square feet to 8,000 square feet. The documents publicly available (here's the link <https://www.uptonma.gov/DocumentCenter/View/3548/j-016-final-plan-set-for-zba-meeting-2-21-24pdf>) show basically the same area preconstruction as post construction. Both documents have the same scale. My concern is if you reduce an area on 2 maps with the same scale by almost 2/3 shouldn't the outline of the area somewhat reflect that?

My last concern is when I met with engineers from MA DOT District 3 and one of the first things they stated, was that they show an underground spring (on their drainage maps for the state highway) that

the Upton fire department used to use to source water? The engineer's name was Ross Goodale, should that be taken into consideration?

My last question you may or may not know is, will the working drawings with field verified elevations be made available to the public?

I want to thank you in advance for taking the time to go over my concerns, this project seems to be moving so fast, I just wanted to make sure Stantec had an opportunity to review these issues. Thank you.

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