

Sudbury Water District of Sudbury, Massachusetts

August 11, 2016

John F.X. O'Brien, Esq., Chairman  
Zoning Board of Appeals  
278 Old Sudbury Road  
Sudbury, MA 01776

Re: Sudbury Water District Further Comments regarding the Villages of Sudbury Station Development

Dear Mr. O'Brien,

As you know, the Sudbury Water District has reviewed and commented on the Water Impact Report (WIR) submitted by Bristol Engineering Advisors, Inc. on behalf of the Villages of Sudbury Station. As noted, this development will utilize a significant portion of the Water District's remaining allowed daily water usage under its Water Management Act Permit.

Specifically, our calculations indicate that the recently approved project at 528 Boston Post Road, together with the planned residential component proposed by Avalon Bay, will draw approximately 30% of the District's remaining capacity of allowable daily water usage. If the Villages at Sudbury Station are constructed as currently planned, the Water District estimates it will draw another 17-20% , such that all three new developments together may draw as much as 50% of the Water District's remaining capacity of allowable daily water usage .

The District does not have an unlimited water supply and every large project brings us closer to limits imposed by the State. The problem is exacerbated by the conditions, such as the current drought, which further tax the Water District's flexibility and resources. Thus, the Water District requests that the following mitigation measures be required if this project is approved:

1. Although the irrigation water will come from on-site wells, it is nonetheless within the same watershed, and therefore should be subject to the same outdoor watering restrictions implemented by the Water District.
2. Water reuse should be required for all feasible purposes.
3. Landscaping vegetation should be drought resistance species and lawn area requiring irrigation should be minimized.
4. The waste water treatment should utilize Best Available Technology with a nitrate nitrogen target limit of 5 mg/l.

If you have any questions regarding this matter, kindly contact me at (978) 443-6602.

Sincerely,



Rebecca McEnroe, P.E.  
Superintendent