



266021

December 12, 2018

Mr. Robert Golledge, Jr.  
Golledge Strategies & Solutions, LLC  
95 University Avenue  
Westwood, Massachusetts 02090

**RE: Proposed Ramshead Development  
Response to Follow Up Sewer Information**

Dear Robert:

I have received your letter dated December 10, 2018 regarding a follow up to the Merrimac Wastewater Sewer Information requested in your letter August 15, 2018 and provided in our response dated October 30, 2018. I have reviewed the additional information requested and provided the available information below. For clarity, the original request is in bold text.

- 1. We need the size (shape and depth) of the chambers(s) associated with the Merrimacport Pump Station.**

A plan and section view of the pump station wetwell is attached.

However regardless of what changes are made to the Merrimacport Pump Station, it is not known if the Town will be able to maintain its permit compliance with the additional wastewater flow generated by the Ramshead Development. As of December 2017, the average flow at the wastewater treatment facility (WWTF) had exceeded 80% of the Town's National Pollutant Discharge Elimination System (NPDES) Permit flow limit of 450,000 gpd. Because the Town exceeded 80% of the permit limit, additional permit requirements were enforced including a requirement for the Town to submit a report specifying further expected flow increases and how the Town will maintain compliance with permit flow limits. It should be noted that several developments are currently under construction which will contribute additional wastewater flow as well.

- 2. Although flow data would be helpful also, we have been told that the information is not available.**

The Town currently records the hour meter data for each pump at the Merrimacport Pump Station daily. To meet the Town's current reporting requirements, the monthly and yearly wastewater flows are approximated using the daily hourly meter records. At this

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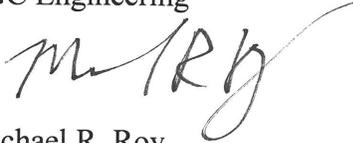
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time daily flows are not calculated. The monthly flows for 2017 and 2018 were provided in our letter to you dated October 30, 2018.

The daily flows can be approximated using the data we have. We estimate that it will take 2 days (\$1,600) to prepare the daily flow data for the last 2 years.

I will be pleased to address any additional questions you may have.

Sincerely,  
SGC Engineering



Michael R. Roy  
Senior Engineer

CC: Robert Sinibaldi, Director of Public Works  
Mike Buzzell, Chief Operator  
Earl Baumgardner, Chair of Zoning Board of Appeals

