

July 25, 2017
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Martha Company
c/o Mr. Mark Reed
42 Greenbank Avenue
Piedmont, CA 94611

Re: Geologic and Geotechnical Site Conditions
Proposed Lower Water Tank
Easton Point Subdivision
Tiburon, California

As requested, we reviewed the topographic, geologic and geotechnical conditions in the vicinity of the proposed new lower water tank – roughly a tank base elevation 283 (per MMWD’s July 13 letter to the County). The mapped geology at the proposed site is colluvial soils over Franciscan sandstone bedrock. Subsurface exploration and laboratory testing has not been performed at the proposed site. The existing topography is steep hillside terrain.

Based on the exhibits in the MMWD letter, the tank would be roughly 60 feet in diameter, with 15-foot-wide access roads to and around the tank. An approximately 40-foot-tall retaining wall would be required on the uphill side of the tank pad and a retaining wall on the downslope of the access road.

The proposed tank site is technically feasible, but given the large size of the structure(s), significant subsurface exploration and laboratory testing will be required to evaluate subsurface conditions that will be the basis of structural design and cost estimating. We judge this exploration and further analysis could be performed at precise development plan and tentative map stage.

We trust that this letter contains the information you require at this time. Please call if there are any questions or if you need additional information.

Yours very truly,
MILLER PACIFIC ENGINEERING GROUP



Scott A. Stephens
Civil Engineer No. 50482
Geotechnical Engineer No. 2398
(Expires 6/30/19)