

**SUPPLEMENTAL INFORMATION  
No. 1**

For Planning Commission Agenda of:  
February 20, 2020  
Item No. H-2

Re: Applicant: Samoa Pacific Group  
Case Number: FMS-13-003, PDP-13-001  
APN: 401-031-055, 401-031-070

Attached is a letter received today from the Humboldt Bay Municipal Water District (HBMWD). The letter requests that the Samoa Pacific Group "work with the District to install a new six-inch meter in their six-inch water service lateral supply line." In addition, HBMWD requests that the Samoa Pacific Group field verify the size of the lateral past the District's meter to be a consistent diameter of six inches.

The following condition of approval will be added to the project to address HBMWD's concerns:

Samoa Pacific Group will work with HBMWD on the potential need to upgrade the existing water meter from four inches to six inches, and field verify the size of the lateral past the District's meter to be a consistent diameter of six inches, as may be necessary. A letter from HBMWD will be required stating that this condition has been met.



## HUMBOLDT BAY MUNICIPAL WATER DISTRICT

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JOHN FRIEDENBACH



February 20, 2020

Humboldt County Planning Commission  
3015 H Street  
Eureka, California 95501

**RE: Samoa Pacific Group Final Map Subdivision and Planned Development Permit**  
Case Numbers FMS-13-003, PDP-13-001  
Application Number 8827  
Assessor Parcel Numbers 401-031-055 and 401-031-070  
Samoa Area

Dear Commissioners,

Humboldt Bay Municipal Water District (District) provides the following comments for your consideration regarding the above referenced project.

On July 31, 2019 the District staff met with representatives from the Samoa Pacific Group to review the water supply connection and transmission line that supplies the applicant's property. The applicant's engineer for the project was also present during that meeting. The water supply demand and on-site infrastructure upgrades were discussed. We have confirmed with Planning staff that the Applicant will have a 300,000-gallon storage tank on site. It was confirmed during a field visit immediately following the July meeting that the current water supply line originating from the District is a six inch ( 6 inch) lateral line originating near the District's Samoa Booster Pump Station on New Navy Base Road. The lateral line flows through a four inch ( 4 inch) meter inserted in the lateral.

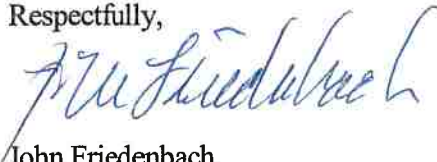
During our discussions, it was concluded that in order to supply adequate flow to the proposed new water storage tank, the four inch meter should be upsized to a six inch meter so that the flow would not be restricted. Consequently, the District requests that the Commission impose an additional condition on the Applicant that they be required to work with the District to install a new six inch meter in their six inch water service lateral supply line.

To put this into perspective, assuming a 300,000-gallon storage tank, it will take 4 hours to fill this size tank through the existing 4 inch meter. However, it will take only 1.77 hours to fill the same 300,000-gallon tank through a six inch meter on the six inch lateral supply line. This is a dramatic difference in assumptions for fire flow calculations and in our opinion, should not be overlooked.

Additionally, there were discussions with the applicant during our field visit on July 31, 2019 that the size of the lateral past the District's meter would be field verified to in fact be a consistent diameter of six inches. This would ensure that the fire flow and tank fill rates as calculated by the applicant's engineer were accurate. The District suggests that the Planning Commission also factor this into your decision making regarding approval of the project.

Unfortunately, I will be out of town this evening and not able to attend your meeting. The District appreciates your consideration of our public comments regarding the proposed project.

Respectfully,

A handwritten signature in blue ink, appearing to read "John Friedenbach". The signature is fluid and cursive, with a large initial "J" and "F".

John Friedenbach,  
General Manager

Cc: Dan Johnson