From:	Mary Lucas McDonald
To:	Tran, Michael (PUC)
Cc:	Kern, Chris (CPC); joyce@orionenvironment.com; Paul Mitchell
Subject:	Pump Station Information Needed for Warriors EIR
Date:	Thursday, January 15, 2015 11:02:57 AM

Hi Michael,

I am trying to wrap up the utilities and water quality sections of the Warriors EIR for submittal on January 26 and need help with some information about the Mission Bay Sanitary and Mariposa Pump Stations of the combined sewer system as well as Pump Station SDPS-5 that is now under construction as part of the separate stormwater system. Could you please help with this information or direct me to the correct person to get what we need for the EIR? I need this information by January 21 to meet our next deadline.

Also, just a reminder that prior to our January 26 submittal we will need a revised and citable reference for the information you provided in your December 24, 2014 email stating that the Mariposa Pump Station is at capacity, stating that flows from the project would require upgrades to the Mission Bay Sanitary Pump Station, and describing needed upgrades.

Thanks for your help, and my information needs are included below.

Mary

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Mariposa Pump Station

For the Mariposa Pump Station I have pieced together a lot of information from different sewer system documents, but sometimes the information is inconsistent and it would be helpful if you could confirm or provide accurate information regarding the following:

Year Built: 1954 and rebuilt in 1993.
Dry Weather Pumping Capacity: 1.5 mgd
Average Dry Weather Flows: 0.4 mgd
Peak Dry Weather Flows: ?
Maximum Dry Weather Flows Transported to SEWPC: 1.2 mgd
Wet Weather Pumping Capacity: 13 mgd

Do combined sewer discharges in this basin occur when the wet weather capacity of 13 mgd and

the volume of the 0.7 million gallon transport and storage box are exceeded?

The report titled "Draft Southeast Water Pollution Control Plant (SEP) and Bayside Facilities, 2014/2015 Operations" indicates that new wet weather pumps were installed in 2014. What was the purpose of the new pumps? The report also states that in 2014/2015, the SFPUC expects to connect the dry weather force main to the wet weather force main which would increase the capacity of the dry-weather pump station to 3.0 mgd in dry weather conditions. Has this connection been made? If it hasn't, when do you expect to make the connection?

Mission Bay Sanitary Pump Station

For the Mission Bay Sanitary Pump Station, I have not been able to locate any information. Could you please provide:

Year Built:
A Description of Dry Weather Pumping Facilities:
Dry Weather Pumping Capacity:
Average Dry Weather Flows:
Peak Dry Weather Flows:
A Description of Wet Weather Pumping Facilities:
Wet Weather Pumping Capacity:
Conditions that Trigger Combined Sewer Discharges when Wet Weather Pumping Capacity is Exceeded:

Storm Drain Pump Station No. 5

The stormwater memorandum prepared by BKF described the operations of SDPS-1, but not SDPS-5. Could you please provide:

Number of Pumps:

Design Flow Rate of Pumps: