From: Tran, Michael
To: Kern, Chris (CPC)
Cc: Freeman, Craig (PUC)
Subject: RE: GSW - SWPS #1, MB Sanitary, Construction Dewatering
Date: Friday, March 27, 2015 11:05:38 AM

Hi Chris,

Sorry I'm getting back to you late; this email must have gotten lost in my inbox. I do not believe our Operations and Pretreatment staff are currently OK with the volume of water proposed. It is my understanding the GSW team will reach out the regional board for a separate discharge directly to the bay.

Also I want to clarify a few questions regarding SWPS #1 and SWPS #5. SWPS #1 has been built ~12-13 years ago but has not been accepted by the City for ownership/maintenance; this was discussed in detail during our initial December 2014 meeting. At that time, it was generally agreed that volumetric testing is needed to verify the station's performance because the City would not have access to maintenance or performance data. After our meeting with BKF/GSW this past Tuesday 3/24, they recall that the City requested for volumetric testing of SWPS #1 because there was uncertainty if the station is performing as intended. Is this still the case and does BKF/GSW need to test SWPS #1 specifically for the EIR?

As for SWPS #5, it is currently under construction and will not be fully complete until after the EIR is published. I believe Planning Department is OK with using the assumed design numbers.

Please let me know if you have any questions or concerns.

Thanks,
Michael

From: Kern, Christopher (CPC) [mailto:chris.kern@sfgov.org]
Sent: Wednesday, March 18, 2015 9:13 AM
To: Tran, Michael
Subject: RE: GSW - SWPS #1, MB Sanitary, Construction Dewatering

Hi Michael,
Thanks for keeping me in the loop on this, but I'm not sure if I need to attend this meeting. Can you provide a bit more information re the agenda? The latest draft of the EIR addresses construction dewatering as follows:

Construction dewatering is expected to last approximately nine months. The initial estimated and peak water discharge rate is 1,850 gallons per minute (gpm) and would last three to four days.[1] By the end of the first week, the discharge rate would reduce to about 300 gpm, and by the end of the second week, to about 100 gpm. By the end of the initial 45-day construction period, the discharge rate would reduce to approximately 30 to 40 gpm, and this rate is expected to last the duration

of the dewatering period, approximately seven and a half months. The three potential construction dewatering discharge options are: (1) directly discharging to the City's combined sewer system; (2) installing an on-site dewatering treatment system and discharging the treated water to the Bay if the capacity of the Mariposa Pump Station would be exceeded with the discharge; and (3) a combination of the first two options.

If discharged to the combined sewer system, the discharges would be subject to the City's Industrial Waste Ordinance, adopted in 1992. This ordinance is found in Article 4.1 of the *Public Works Code*, as supplemented by Order No. 158170, which regulates the quantity and quality of discharges to the combined sewer system. In accordance with Article 4.1 and Order No. 158170, the discharge permit would contain appropriate discharge standards and may require installation of meters to measure the volume of the discharge. Although the groundwater could contain contaminants related to past site activities, as well as sediment and suspended solids, the construction contractors would be required to treat the groundwater as necessary to meet permit requirements prior to discharge, and discharge rates would be controlled so that the capacity of the sewer system would not be exceeded.

If discharged directly to the Bay, the discharges would be subject to permitting requirements of the RWQCB under the VOC and Fuel General NPDES permit, described in Section 5.9.4.2, State Regulations, which specifies water quality criteria and monitoring requirement s for discharges under the permit. Accordingly, under this option, sediment would be removed in settling tanks and the discharges would be treated on-site for hydrocarbons and metals. A treatability study would be conducted prior to discharge to demonstrate that the treatment system can successfully meet the discharge limitations.[2] The treated water would be discharged through a stormwater swale or outfall pipe downstream of Pump Station SDPS-5 (part of the Mission Bay South separate stormwater system) shown on Figure 5.7-2. Regular influent and effluent water quality monitoring would be conducted to demonstrate permit compliance.

The combined option could include directing a portion of the initial discharges to the Bay as described above until flows have subsided to the point that they are within the capacity of the Mariposa pump station. Discharges to both the Bay and the combined sewer system would be subject to the same permitting requirements as described above. With discharge to the combined sewer system in accordance with regulatory requirements, or discharge to the Bay in accordance with the VOC and Fuel General NPDES permit, water quality impacts related to a violation of water quality standards or degradation of water quality due to discharge of groundwater produced during construction-related dewatering would be *less than significant*.

Does SFPUC have concerns regarding the accuracy or adequacy of this discussion for CEQA purposes?

Chris Kern
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From: Michael Tran (via Doodle) [mailto:mailer@doodle.com]
Sent: Wednesday, March 18, 2015 8:07 AM
To: Kern, Christopher (CPC)
Subject: GSW - SWPS #1, MB Sanitary, Construction Dewatering

Michael Tran invites you to participate in the Doodle poll "GSW - SWPS #1, MB Sanitary, Construction Dewatering."

Hi there,

Michael Tran (mitran@sfwater.org) invites you to participate in the Doodle poll "GSW - SWPS #1, MB Sanitary, Construction Dewatering."

> Michael Tran says:
> Please confirm which dates are best for you.

Participate now

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[1] Shipman, Dorinda and Kimbrel, Elizabeth, Langan Treadwell Rollo, 2015. Memorandum to Kate Aufhauser, Golden State Warriors and Clarke Miller, Strada Investment Group regarding Construction Dewatering Discharge Options, Golden State Warriors Arena, San Francisco, California. February 17, 2015.

[2] *Ibid.*