From:	Warren, Scott@DTSC
To:	Wetmore, Cynthia
Cc:	Phuong Ly (ply@wrd.org)
Subject:	RE: revised maps
Date:	Thursday, January 15, 2015 9:58:29 AM
Attachments:	image001.png

A primary concern here is …is pCBSA reaching the drinking water wells. I don't know what a Division of Drinking Water Response Level (RL) may be. For all I know a RL could be 5 ppb. I'm trying to get a handle on the lateral and vertical extent of the overall plume. We can always refine it to cleanup goals etc.

From: Wetmore, Cynthia [mailto:Wetmore.Cynthia@epa.gov]
Sent: Thursday, January 15, 2015 9:54 AM
To: Warren, Scott@DTSC
Subject: RE: revised maps

Why 100 ug/L line? EPA usually just plots the cleanup level. In this case, I chose 1 ppm which is less than the 2-5 ppm range that Gina from Cal-EPA suggested may be a new NL.

Cynthia Wetmore, Technical Support Section
US.EPA, Region IX, Superfund Division
75 Hawthorne Street, San Francisco, 94105
(415)972-3059

From: Warren, Scott@DTSC [mailto:Scott.Warren@dtsc.ca.gov]
Sent: Thursday, January 15, 2015 9:49 AM
To: Wetmore, Cynthia
Cc: Phuong Ly (ply@wrd.org)
Subject: revised maps

Revised maps

From: Wetmore, Cynthia [mailto:Wetmore.Cynthia@epa.gov]
Sent: Thursday, January 15, 2015 9:04 AM
To: Warren, Scott@DTSC
Subject: RE: sorry I missed you call.

I'm sorry, I just realized the WRD wells you were discussing were monitoring wells. Is that true?

Cynthia Wetmore, Technical Support Section
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75 Hawthorne Street, San Francisco, 94105
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From: Wetmore, Cynthia
Sent: Thursday, January 15, 2015 9:01 AM
To: 'Warren, Scott@DTSC'; Phuong Ly
Subject: RE: sorry I missed you call.

Oh great! John Lyons specifically sked for downgradient active production wells to be sampled immediately. (Or as soon as I can). It looks like WRD wells are upgradient and cross-gradient, so I am good.

We will analyze them in April, as well as the inactive one – and any other one you suggest.

Thanks for working with me. (P.S. I think I am going to modify your map of pCBSA for the 2014 data. I'll forward when done. It is a good map and shows wells.

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From: Warren, Scott@DTSC [mailto:Scott.Warren@dtsc.ca.gov]
Sent: Thursday, January 15, 2015 8:40 AM
To: Wetmore, Cynthia; Phuong Ly
Subject: RE: sorry I missed you call.

Cynthia,

Sorry I forgot to mention in the earlier email that I included the figure from

our presentation showing wells in the area. The black and yellow wells are production wells and the teal colored wells are WRD multiport monitoring wells with screens in the Gage, Lynwood and Silverado.

Scott

From: Warren, Scott@DTSC
Sent: Thursday, January 15, 2015 8:28 AM
To: 'Wetmore, Cynthia'; Phuong Ly
Subject: RE: sorry I missed you call.

Cynthia,

Sorry we missed you as well. It looks like you and Phuong are talking about sampling the wells. Should we all get on the phone at 10 AM to discuss?

Below is a part of email I sent to Barbara Lee. I highlighted areas in red that may come your way:

As I understand it, USEPA may be able to request a temporary one-time National Pollutant Discharge Elimination System (NPDES) permit to dispose of the Water generated during the 5 day test. The one-time-discharge NPDES may be good for 90 days. Perhaps tank contents could be tested on overnight turn around and storage tank contents discharged in batches. Run part of the 5 day test, analyze and then discharge; then repeat. There is a cost associated with this based on gallons pumped. *I suggest asking for an emergency review in a letter ASAP.*

My guess is that the treatment system can be run for a limited time without discharging contaminated water. Stringfellow is discharging 30-100 PPM pCBSA into an industrial sewer, so may be able to discharge some into this sewer. Alternatively, we could add a Liquid Phase Activated Carbon (LGAC) to the end of the treatment train to polish the discharge if necessary or even better, we may be able to recycle the treated water through the Montrose treatment system (including the HiPOX) and retreat it during down time between the periodic treatment system tests. *I suggest a letter and a Call to USEPA asking for their brief analysis of this option immediately.*

We should get pCBSA results from the Drinking Water Wells to confirm pre reinjection conditions. If pCBSA is in the wells we want to document that before the system is turned on. *I suggest a letter asking USEPA and Water Replenishment District (WRD) test the wells ASAP.*

From: Wetmore, Cynthia [mailto:Wetmore.Cynthia@epa.gov]
Sent: Thursday, January 15, 2015 8:11 AM
To: Warren, Scott@DTSC; Phuong Ly
Subject: sorry I missed you call.

Yesterday was a little crazy.

Phuong, thank you for talking with Natasha – and coordinating for Ch2mHill

to collect samples. We are definitely collecting a sample from CWSV 279. John Lyons asked about the WRD wells. I don't remember you discussing them – or where they are. If they are further out from CWSC 279, maybe we can wait until April to sample.

Thanks, Cynthia W.

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