From: Wetmore, Cynthia
To: Phuong Ly
Cc: Mayer, Kevin
Subject: RE: New Golden State Water Company Well Dalton 2 Near Montrose/Del Amo Superfund Sites
Date: Wednesday, January 21, 2015 9:09:00 AM
Attachments: image005.png
image006.png
image001.png

Great. Thank you.

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

From: Phuong Ly [mailto:ply@wrd.org]
Sent: Wednesday, January 21, 2015 8:45 AM
To: Wetmore, Cynthia
Cc: Mayer, Kevin
Subject: RE: New Golden State Water Company Well Dalton 2 Near Montrose/Del Amo Superfund Sites

The Tesoro wells are owned and pumped by Tesoro for their refinery operations. They are not drinking water wells, but they are active production wells. By the way, we have an online GIS map that you can access to look up well locations, well construction, water levels, groundwater production, and water quality. You can look up wells by their owner or search for all WRD groundwater monitoring wells and production wells on a GIS map. Just click on the link below and set up a password. Feel free to call me if you have any questions.
http://gis.wrd.org/wrdmap/login.asp

Phuong Ly, P.E.
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Website: www.wrd.org

From: Wetmore, Cynthia [mailto:Wetmore.Cynthia@epa.gov]
Sent: Wednesday, January 21, 2015 7:46 AM
To: Phuong Ly
Cc: Mayer, Kevin
Subject: RE: New Golden State Water Company Well Dalton 2 Near Montrose/Del Amo Superfund Sites

Thank you. We are scheduled to sample two wells today – the closest downgradient operating well, and Madera #1 well, at the request of Shu-Fang. Results expected Friday afternoon.

I have a question though. What are the TESORO wells located east of Montrose? Are they drinking water wells?

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From: Phuong Ly [mailto:ply@wrd.org]
Sent: Tuesday, January 20, 2015 3:52 PM
To: Wetmore, Cynthia; MARTINEZ, YARISSA; Shu-Fang Orr (Shu-Fang.Orr@waterboards.ca.gov); Scott Warren (Scott.Warren@dtsc.ca.gov); Mayer, Kevin
Cc: Everett Ferguson
Subject: New Golden State Water Company Well Dalton 2 Near Montrose/Del Amo Superfund Sites

Hello,
I just found out from Kate Nutting of Golden State Water Company that they just constructed a new drinking water well (Well Dalton 2) adjacent to their existing Well Dalton 1. As shown on page 6 of the attached maps, Well Dalton 1 is located approximately 1 mile north of the Montrose and Del Amo Superfund Sites and thus, is the nearest drinking water well to the Del Amo and Montrose Superfund Sites. Well Dalton 2 is currently being equipped and is expected to begin pumping at a rate of approximately 2,500 gpm in early 2016. Golden State Water Company expects to be pumping both wells at the same time. If you need more information, below is the contact information for

Kate Nutting.

Kate Nutting
Golden State Water Company
1600 W. Redondo Beach Blvd, Ste. 101
Gardena, CA 90247
(310) 767-8200 x500
knutting@gswater.com

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From: Wetmore, Cynthia [mailto:Wetmore.Cynthia@epa.gov]
Sent: Friday, January 16, 2015 9:34 AM
To: Phuong Ly; MARTINEZ, YARISSA; Shu-Fang Orr (Shu-Fang.Orr@waterboards.ca.gov)
Cc: Scott Warren (Scott.Warren@dtsc.ca.gov)
Subject: RE: DDW Requests for Cal Water Well 279-01 Sampling

Hi again Shu-Fang,

Thanks for calling me this morning. CH2MHill is now scheduled to sample on Tuesday – assuming coordination for access works out. They will call you today to coordinate.

Attached is the draft map of pCBSA in the Gage Aquifer from the 2014 sampling event. I have not received the formal report, but was told that the Lynwood had pCBSA in the single digits. I need to confirm this. The furthermost contour line on the attached map is the 1 ppm pCBSA level. As I mentioned, the western monitoring wells were non-detect, which is why I feel confident that the Madera #2 well and the CWS well near there will also be non-detect.

The second attachment is the groundwater model run for the extent of the pCBSA plume in the Gage (the unit where it will be re-injected) one year after operation of the treatment system as it was originally designed – i.e. re-inject at 25 ppm. The model was run to the 10 ppm contour (this is an old run when 25 ppm was considered protective, and we wanted to step out a little from that.) As you can see, the pCBSA stays within about a block of the injection well. I do not have a

run for the '5-day+" test because the model step is one year, but this can give a feel about how local the pCBSA reinjection extent will be after a short test.

Thanks, Cynthia

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From: Phuong Ly [mailto:ply@wrd.org]
Sent: Thursday, January 15, 2015 7:18 PM
To: Wetmore, Cynthia
Cc: Shu-Fang Orr (Shu-Fang.Orr@waterboards.ca.gov); Scott Warren (Scott.Warren@dtsc.ca.gov)
Subject: DDW Requests for Cal Water Well 279-01 Sampling

Hi Cynthia,
Shu-Fang Orr of the SWRCB Division of Drinking Water (DDW) called me today and requested that I pass along the following information to you. Feel free to contact Shu-Fang directly, since I have cc'd her on this e-mail and previously sent you her contact information.

1. Shu-Fang would like to be kept in the loop as you are coordinating sampling of Cal Water Well 279-01, since DDW would like to collect split samples at the same time that CH2MHILL plans to collect samples from this well.
2. As Shu-Fang requested, I revised our well maps (see attached) to show the approximate locations of the Montrose/Del Amo extraction wells and reinjection wells, with respect to the nearby production wells and WRD monitoring wells. As you can see, the two drinking water wells located closest to the reinjection wells are Cal Water Well 232-03 and WRD Well Madrona #2 (this is a production well owned by WRD that is treated with reverse osmosis membranes and delivered to the City of Torrance as drinking water). In order to have background concentrations, Shu-Fang recommended that you

consider sampling these wells if you plan to reinject any treated water as part of your startup pilot testing of the Montrose/Del Amo groundwater treatment system.

3. With regards to the downgradient Cal Water Well 219-02, which is inactive, Shu-Fang reported that Cal Water plans to reactivate the well within the next 5 years. Cal Water also plans to collect water quality samples from this well sometime this year.
4. Shu-Fang stated that the SWRCB Division of Drinking Water is still determining if there is sufficient data available to establish a Notification Level for pCBSA.

Feel free to give me a call if you have any questions.

Phuong Ly, P.E.
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