From: Wetmore, Cynthia
To: Phuong Ly
Cc: Shu-Fang Orr (Shu-Fang.Orr@waterboards.ca.gov); Scott Warren (Scott.Warren@dtsc.ca.gov); Mayer, Kevin; Barton, Dana
Subject: Re: DDW Requests for Cal Water Well 279-01 Sampling
Date: Friday, January 16, 2015 7:11:49 AM

Good Morning Shu-Fang,

I just directed CH2MHill to contact you before going out. The d/g production well sampling is critical path because of a Court hearing next week on this issue (and a few others). I got word from Ch2MHill that they have secured a lab - so all is left is getting in the field. It may be this Monday. I will try to add those two wells you suggested, especially the MAdrona #2. Since it is a WRD well, I am confident of getting access the same time as the CWS well (thanks Phuong!)

Just so you are aware, the injection wells that are located between the Site and the Madrona Well #2 were sampled in the Fall of 2014 and were all non-detect for pCBSA. In fact, I have the updated pCBSA plume maps from the 2014, and some of the uncertainties of location of pCBSA that Scott mentioned in the meeting have been resolved. Also, although we are re-injecting side-gradient of the Site, we will concurrently be extracting, so some the injected water will be recaptured.

As Phuong may have told you, we plan on having a more comprehensive sampling event in April/May concurrent to the semi-annual sampling. CWS Well 219 and any other well you suggest can be sampled at the time.

Feel free to call anytime - 415-972-3059

Cynthia W.

From: Phuong Ly <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.
Hydrogeology Department
Water Replenishment District of Southern California
4040 Paramount Blvd.
Lakewood, CA 90712
Tel/Fax: 562-275-4246
E-Mail: ply@wrd.org
Website: www.wrd.org