To: Dermer, Michele[Dermer.Michele@epa.gov]; Greenberg, Leslie[Greenberg.Leslie@epa.gov]; R9-Deep[R9Deep@epa.gov]
From: Janes, Elizabeth
Sent: Wed 11/26/2014 1:13:28 AM
Subject: California deep and permitted wells

I'm halfway done. I created a list of the facilities and wells, and show them which ones have lat/longs, which ones have permits, and which ones HQ considers "deep" but we just cover under rule authorization, of all the Class Is and 5s. DOGGR will have to id which ones are in or near oilfields based on whatever geodata we can provide. I should finish tomorrow.

Elizabeth Janes

Database Administrator, RCRAinfo, iWells, and Enforcement Tracker

USEPA Region 9 ENF-4-1

(415) 972 3537

From: Dermer, Michele
Sent: Tuesday, November 25, 2014 12:58 PM
To: R9-Deep; Janes, Elizabeth; Greenberg, Leslie
Subject: FW: Fruitvale Oilfield, Santa Margarita formation

See reqyest from DOGGR below. Can I get a list of the EPA Class I wells in California, I guess their name and location? I have no idea how we would know if they are in DOGGRs oil or gas fields, but they could figure that out from the location information. I don't think we have any Class V permitted wells except for PG&E's CAES test well and the three? LA wells?

From: Salera, Jerry@DOC [mailto:Jerry.Salera@conservation.ca.gov]
Sent: Tuesday, November 25, 2014 10:22 AM
To: Dermer, Michele
Cc: Albright, David; Robin, George; Habel, Rob@DOC; Geroch, John@DOC
Subject: RE: Fruitvale Oilfield, Santa Margarita formation

Hello Michele,

I would like to request a list of EPA permitted Class I or V wells in or near our oil and gas fields. We would like to locate these wells that may be operating in those areas and check if our database is correct and updated. We would also like to determine if wells we know are active and injecting are properly permitted. Thanks.

Jerry

From: Dermer, Michele [mailto:Dermer.Michele@epa.gov]
Sent: Monday, November 24, 2014 2:37 PM
To: Salera, Jerry@DOC
Cc: Albright, David; Robin, George; Habel, Rob@DOC; Gross, Warren@Waterboards; Greenberg, Leslie
Subject: RE: Fruitvale Oilfield, Santa Margarita formation

Hi Jerry,

Thank you for following up. We have no information on the San Joaquin Refining Company well you are describing. It is not in our database; we believe it is regulated by the Regional Board. I would also point out that the information we have regarding the injection formation information for the Alon well (W1-1) is different from the information you have. The Regional Board should be able to clarify.

Sincerely,

Michele

From: Salera, Jerry@DOC [mailto:Jerry.Salera@conservation.ca.gov]
Sent: Monday, November 24, 2014 10:09 AM
To: Dermer, Michele
Cc: Albright, David; Robin, George; Habel, Rob@DOC; Gross, Warren@Waterboards
Subject: RE: Fruitvale Oilfield, Santa Margarita formation

Hi Michele,

Thank you for your reply and the information on the Alon well. Our information show that this Class I well, "WI" 1, operated by Alon Bakersfield Property Inc., is an active WD well injecting into the Chanac/Lower Kernco formation/zone.

My subject of my inquiry is another well further to the NW of the Alon well. This well is shown in our records as a disposal well for refinery wastes and operated by San Joaquin Refining Company, Inc. Our database shows this as an active EPA Class V well injecting into the Chanac/Santa Margarita formations. The map from our public Well Finder site shows the 2 wells, with the Alon well indicated by a red arrow.

Do you have any information about the perf depths of the San Joaquin Refinery well and the TDS of the injection zone?

Thanks for any information.

Jerry

From: Dermer, Michele [mailto:Dermer.Michele@epa.gov]
Sent: Friday, November 21, 2014 5:12 PM
To: Salera, Jerry@DOC
Cc: Albright, David; Robin, George; Habel, Rob@DOC; Gross, Warren@Waterboards
Subject: Re: Fruitvale Oilfield, Santa Margarita formation

Hi Jerry,

I think you may be referring to a Class V well that is presently regulated by the Regional Water Quality Control Board under WDR 91-102. The operator is Alon. The RWQCB contact person is Warren Gross, I am copying him on this note. You can contact him for the most current information regarding the injection zone and associated TDS.

EPA does not have any more recent chemical analysis information, the operator sends monitoring reports to the Regional Board as required by the order.

I am also attaching a copy of a letter that we sent out in today's mail to Alon. We can certainly discuss your findings regarding the exempt status of the proposed injection formation for the the Class II disposal you've received.

Sincerely,

Michele

From: Salera, Jerry@DOC <Jerry.Salera@conservation.ca.gov>
Sent: Tuesday, November 18, 2014 1:16 PM
To: Dermer, Michele
Cc: Albright, David; Robin, George; Habel, Rob@DOC
Subject: Fruitvale Oilfield, Santa Margarita formation

Hi Michele,

We have received an application for a water disposal injection project in the vicinity of your Class V well "WD-1", API 030-03015 operated by San Joaquin Refining Company. The proposed wells are going to be located in Sections 14 & 23, T29S/R27E MD B&M, and will inject into the Santa Margarita formation. Based on information that we have, this portion of the Santa Margarita is non-hydrocarbon producing, but inside the "shaded area" in our Vol. I data sheets. The Santa Margarita is identified as a hydrocarbon producing formation/zone in the Main area of the Fruitvale oilfield.

We would like to request information on your Class V well as to injection zone and injection zone TDS. I believe that this well is injecting into the Santa Margarita based on well information we have, however, we don't know if this is the latest information. We would also appreciate if you can provide us information about the fluid chemical analysis of the injection zone of the Class V well. The application that we received provides a fluid chemical analysis of the Santa Margarita from the hydrocarbon producing area in Section 22 and has a TDS of 3,600 mg/L.

Thanks and regards,

Jerry Salera

Underground Injection Control (UIC) Program

CA Division of Oil, Gas and Geothermal Resources

801 K Street, MS 20-20

Sacramento, CA 95814

Tel: 916-323-1781

Fax: 916-323-0424

Jerry.Salera@conservation.ca.gov