Ex. 5 - Deliberative Process

From: Coffman, Joel
Sent: Tuesday, May 17, 2016 11:47 AM
To: Dermer, Michele <Dermer.Michele@epa.gov>
Cc: Albright, David <Albright.David@epa.gov>
Subject: FW: Tulare Formation Aquifer Exemption in Midway-Sunset Field

F.Y.I.

From: Jones, Chris@DOC [mailto:Chris.Jones@conservation.ca.gov]
Sent: Tuesday, May 17, 2016 11:32 AM
To: Coffman, Joel <Coffman.Joel@epa.gov>
Subject: RE: Tulare Formation Aquifer Exemption in Midway-Sunset Field

Hi Joel,

I checked our maps, but they do not show the Sunrise wells and we do not have a map similar to the one you provided from Fruitvale.

Regards,

Chris

Chris Jones, C.E.G., G.E.

Senior Oil & Gas Engineer, South Area

Department of Conservation

Division of Oil, Gas, & Geothermal Resources

4800 Stockdale Hwy. #100

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From: Coffman, Joel [mailto:Coffman.Joel@epa.gov]
Sent: Tuesday, May 17, 2016 9:53 AM
To: Jones, Chris@DOC <Chris.Jones@conservation.ca.gov>
Subject: RE: Tulare Formation Aquifer Exemption in Midway-Sunset Field
Importance: High

Hello Chris:

I was wondering if you might have some maps that depict the Sunrise Class I Wells as they relate to the shaded area (exempt aquifer) of the Midway-Sunset Field. We were able to get some from DOGGR that relate to the Fruitvale Aquifer Exemption (attached) as they relate to wells at the Alon and San Joaquin refineries. I have also attached a document I created from your Well Finder Application that shows the wells as they relate to the administrative field boundary. Do you have anything like the maps I have attached from the Fruitvale AE that you could share with us?

Thanks,

Joel Coffman, EPA Region 9

From: Jones, Chris@DOC [mailto:Chris.Jones@conservation.ca.gov]
Sent: Thursday, March 03, 2016 9:42 AM
To: Coffman, Joel <Coffman.Joel@epa.gov>
Cc: Albright, David <Albright.David@epa.gov>; Dermer, Michele <Dermer.Michele@epa.gov>
Subject: RE: Tulare Formation Aquifer Exemption in Midway-Sunset Field

Good morning Joel,

From your maps, it appears that your site is within the area that is currently planned to be part of the Tulare Class II AE application. However, if your area of interest extends outside of the administrative boundary of Midway-Sunset field, that part would not be included in the application. The administrative field boundaries appear to be correct on page 1 of the maps you emailed me, but if you need to check, you can use the Well Finder application on our website and choose "Find by Oil/Gas Field."

http://www.conservation.ca.gov/dog/Pages/Wellfinder.aspx

Best regards,

Chris

Chris Jones, C.E.G., G.E.

Senior Oil & Gas Engineer, South Area

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From: Coffman, Joel [mailto:Coffman.Joel@epa.gov]
Sent: Wednesday, March 2, 2016 2:05 PM
To: Jones, Chris@DOC <Chris.Jones@conservation.ca.gov>
Cc: Albright, David <Albright.David@epa.gov>; Dermer, Michele <Dermer.Michele@epa.gov>
Subject: RE: Tulare Formation Aquifer Exemption in Midway-Sunset Field
Importance: High

Thanks for your reply Chris. Perhaps you can help a bit. I am including details of our Class I

well locations in hope that you could tell me whether these wells are within the area you are evaluating for Class II AE of the Tulare Fm. within the Midway-Sunset field. I hope this helps show exactly the location I am working with. Please let me know if you think the AE you will be working on will or will not include this area. Any assistance you can give me at all would be a huge help.

Thanks again,

Joel Coffman ***Groundwater UIC Office***

P.G./Physical Scientist 415.972.3530

U.S. EPA Region 9 I 75 Hawthorne Street (WTR-3.2) I San Francisco, CA 94105

United States Environmental Protection Agency

From: Jones, Chris@DOC [mailto:Chris.Jones@conservation.ca.gov]
Sent: Tuesday, March 01, 2016 3:39 PM
To: Coffman, Joel <Coffman.Joel@epa.gov>
Subject: RE: Tulare Formation Aquifer Exemption in Midway-Sunset Field

Hi Joel,

We are currently reviewing a preliminary rough draft of the aquifer exemption application package for Midway-Sunset. It will be subject to an iterative review and revision process for the next few months.

Unfortunately, I do not have a map of the proposed aquifer exemption limits that is ready to share. The limits of the proposed aquifer exemption, along with the supporting data, still need to undergo review from our District, HQ, and the State Water Board.

Best regards,

Chris

Chris Jones, C.E.G., G.E.

Senior Oil & Gas Engineer, South Area

Department of Conservation

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From: Coffman, Joel [mailto:Coffman.Joel@epa.gov]
Sent: Tuesday, March 1, 2016 1:41 PM

To: Jones, Chris@DOC <Chris.Jones@conservation.ca.gov>
Subject: Tulare Formation Aquifer Exemption in Midway-Sunset Field

Hello Chris:

I got your name off a spreadsheet provided by CDOGGR recently that shows CDOGGR staff that are working on the various aquifer exemption (AE) packages for Class II injection throughout the state. I am contacting you as I manage the Class I UIC Permit here at EPA Region 9 for the Sunrise Power Plant, located near Fellows, California, within the Midway-Sunset field. Sunrise has recently applied for a renewal of their existing permit to continue injection Class I waste into injection wells we previously permitted. During the renewal process, it has come to our attention that none of the injection zone (Tulare formation) has been exempted for either Class I or Class II injection.

My questions are:

Do you know when you will receive the AE package for the Tulare Formation of the Midway-Sunset Field?

Do you have a current map of the Tulare Formation within the Midway-Sunset Field that is being proposed for AE so that I may look to see if the Sunrise Power Plant project and their Class I wells are included in that area proposed for AE?

Thanks, and if you have any questions, please call.

Joel Coffman *Groundwater UIC Office*

P.G./Physical Scientist 415.972.3530

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United States Environmental Protection Agency