## FOR DISCUSSION

| Count | Aquifer Exemption (Approved and Still Under Process) | Exemption Criteria CFR 146.4 | Status as of Thursday, April 16, 2020 | Comments |
|---|---|---|---|---|
| 1 | Round Mountain | | Approved by EPA | |
| 2 | Fruitvale | | Approved by EPA | |
| 3 | Tejon | | Approved by EPA | |
| 4 | Mount Poso | | Approved by EPA | |
| 5 | Jasmin | | Approved by EPA | |
| 6 | Kern Front (Vedder) | | Approved by EPA | |
| 7 | Elk Hills Phase 1 | | Approved by EPA | |
| 8 | Elk Hills Phase 2 | | Approved by EPA | |
| 9 | Poso Creek | | Approved by EPA | |
| 10 | Kern Front (Chanac) | | Approved by EPA | |
| 11 | Cymric | | Approved by EPA | |
| 12 | McKittrick | | Approved by EPA | |
| 13 | San Ardo/McCool Ranch | | Approved by EPA | |
| 14 | Arroyo Grande | | Approved by EPA | DOGGR Received ROD and AE enclosures 4/30/2019. |
| 15 | Edison Phase 1 | | Approved by EPA | DOGGR Received ROD and AE enclosures 5/15/2019. |
| 16 | Lost Hills 1 | (a), (b)(1) | Approved by EPA | DOGGR Received ROD and AE enclosures 5/21/2019. |
| 17 | North Belridge | (a), (b)(1) | Approved by EPA | DOGGR Received ROD and AE enclosures 6/7/2019. |
| 18 | Midway-Sunset (Deeper Formations) | (a), ( c) | Approved by EPA | DOGGR Received ROD and AE enclosures 5/31/2019. |
| 19 | Edison - Phase 2 | (a), (b)(1) | Approved by EPA | DOGGR Received ROD and AE enclosures 7/1/2019. |
| 20 | South Belridge - Western Area | (a), (b)(1) | Approved by EPA | DOGGR Received ROD and AE enclosures 3/13/2020. |
| 21 | Lynch Canyon - Lanigan | (a), (b)(1) | Submitted to EPA - DOGGR responding to EPA questions | 09/04/19 Final Transmittal letter at DOGGR HQ for signing.<br>10/29/19 Uploaded entire package for Agency review to Box.com<br>2/26/2020 Submitted Package to EPA with transmittal letter.<br>04/02/20 Working with operator to answer questions from US EPA. |
| 22 | Sespe | (a), (b)(1) | WB issued Final Concurrence Letter. District finalizing AE document for submission. | Coastal waiting for GIS documentation from operator (Carbon California), expected on mid-April 2019. District received updated Vertices Map and is reviewing.<br>5/13/2019: Will contact GIS for new shapefile before sending out next week.<br>7/7/2019 Waiting for review by HQ DOGGR.<br>07/18/19 Final Transmittal letter from the State to USEPA ready for signature.<br>08/01/19 Final Transmittal letter at DOGGR HQ for signing.<br>10/29/19 Uploaded entire package for Agency review to Box.com |
| 23 | Coalinga/Jacalitos | (a), (b)(1) | WB issued Final Concurrence Letter. District finalizing AE document for submission. | 4/29/2019: (JB/SWB) Inland received SWB comments/questions (#2) that still remain regarding Table 5.1.1. Also unclear if a ground survey was conducted for water wells not associated with oil field water wells (as listed in Appendix 5-I) and, if not, how some of the information was determined without a ground survey.<br>6/04/2019: (JB w/SWB) SWB has reviewed and agrees with the updated documents (Table 5.1-1, Addendum text and response to comments). There is still data missing from the water well survey. DOGGR will look at adding language in the application that "an effort was made to collect information" referencing ground survey.<br>6/15/2019: (JB w/SWB) Confirms DOGGR has adequately amended the Addendum by updating narrative to explain efforts made to identify the missing information and those efforts included database searches and aerial image review.<br>6/15/2019: (MVG) SWB will now prepare a Final Concurrence Letter.<br>9/16/2019: (WB-JZ) WB Final Concurrence Letter approvals in process, WB review internally moving forward.<br>10/2/2019 (MVG) WB requests stamp. Matt evaluating technical review.<br>11/01/2019: (MVG) Discuss/define w/ SWB, DOGGR responses assoc. w/ letter #2 dated February 2, 2017, that require validation (Stamp).<br>11/20/2019: (MVG): DOGGR review under process prior to validation(Stamp) and submitting to WB.<br>1/8/2020:(MVG):CalGEM forwarded stamped memos ,cross sections and original documents to WB for review.<br>2/26/2020 Final Water Board Concurrence<br>04/01/2020:(MVG): Preparing response to EPA questions. |
| 24 | Cat Canyon | (a), (b)(1) | Public hearing complete, comments answered and reviewed. | 5/13/2019: Preparing documentation to be posted to our website. District is working on handouts (FAQs) for hearing.<br>6/5/2019 Held hearing<br>7/7/2019 Working on responses in Legal and ORLA units. Approximately 100 unique comments (received 100s of form letters). District has not received any specific requests to comment from HQ.<br>01/21/20 District is working with the 3rd party contractor to complete the technical comment answers.<br>02/06/20 All comments have been answered and reviewed by the District, Legal, and SWB. Awaiting upper management direction.<br>03/19/2020 Comments and responses have been passed along to WB for reivew. |
| 25 | Oxnard | (a), (b)(1) | WB issued Preliminary Concurrence Letter. Preparing for public hearing. | An integrated AE package (with WB's questions and responses) is being finalized with operator. To be sent to EPA for informal review.<br>5/13/2019: Still with the operator, has been occupied with other priorities.<br>7/7/2019 Prepared responses to EPA preliminary comments. Updating tables and figures. Also waiting on operator to review changes and approve edits.<br>07/18/19 Application ready for SWB review prior to submitting to USEPA for an informal preliminary review.<br>08/20/19 Application submitted to SWB for review.<br>10/10/19 DOGGR received USEPA's Preliminary Review and is currently working on answers and updates. SWB will have an opportunity to review and respond prior to going to public comment.<br>01/21/20 District is working on completing public comment period documents and setting up a public comment hearing.<br>02/06/20 District is working on completing an enhanced water well survey.<br>04/02/20 District has shared preliminary State responses to US EPA questions with SWB and is working with operators to complete responses. |



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| 26 | Holser | (a), (b)(1) | WB issued Preliminary Concurrence Letter. Preparing for public hearing. | AE package sent to WB for review 4/3/19. District has updated the package into one document, ready to send to US EPA for an informal review.<br>5/13/2019: Shared informal with EPA on Friday 5/10<br>7/8/2019 Working on responses to EPA comments. Also change in groundwater basin map may require update to that figure.<br>07/18/19 Operator has updated the figures and is now completing table data cleanup and responses to USEPA comments.<br>10/17/19 DOGGR shared the complete updated package with SWB.<br>10/28/19 PG stamped updated AE package shared with SWB.<br>01/21/20 District is working on completing public comment period documents and setting up a public comment hearing.<br>04/02/20 District shared an updated AE package with SWB. |
| 27 | Lompoc | (a), (b)(1) | District finalizing AE document after WB review and comments | District has received material and is working with operator to complete. Should received the rest of the data week of 5/6/2019.<br>5/13/2019: Meeting has been set up with Operator.<br>7/8/2019 Operator has plugged back wells. Working on application data.<br>10/17/19 Operator has a PG completing their review and the package will be reviewed at the District prior to sharing with SWB.<br>11/04/19 Coastal District received the PG stamped updated Lompoc AE package and is currently reviewing it.<br>11/04/19 Coastal District received the PG stamped updated Lompoc AE package and is currently reviewing it.<br>11/13/19 Coastal District shared the updated PG Stamped AE package with SWB for review |
| 28 | Midway-Sunset II (Tulare) | (a),(c) | SWB define/discuss issues with Tulare B & L. Tulare at Operator meeting. | Ongoing discussions to finalize exemption criteria [(b)(1) or ( c)]. ~~Target Preliminary Concurrence from WB on June 2019.~~<br>5/13/2019: Meeting scheduled with WZI for 5/14/2019.<br>5/31/2019: (AVZ) Inland responds to qestions/comments submitted to DOGGR from SWB.<br>6/10/2019: WB reviewing the comments.<br>9/16/2019: (WB-JZ) Arranging meeting w/ DOGGR to discuss AE boundary related to (b)(1) condition.<br>10/30/2019: (SWB) Held meeting to define/discuss issues with Tulare B & Lower Tulare that need to be addressed for Preliminary Concurrence to be granted.<br>11/20/2019:(AVZ) WB responded as they are not in a concurrence with current boundary because the presence of commercial hydrocarbon. WB will provide a shape file for the new boundary.<br>1/20/2020:( AVZ)Operators met with CalGEM to discuss proposed (lower and upper)Tulare boundary.<br>02/5/2020: (AVZ) CalGEM updated WB on discussions they had with the Operators.<br>02/19/2020:(AVZ): Operators seeking follow up meeting on 02/25/2020.<br>04/01/2020:(AVZ) : Reviewing maps submitted by the operators. |
| 29 | Kern River | (a), (b)(1) | DOGGR recieves draft KR Preliminary Concurrence. Operator updating application. | Revised capture radius (make use of updated water demand data on some water wells) memo sent to WB 3/25/19.<br>4/04/2019: (XX) Water Board received and reviewing Kern River AE Water Well Capture Radius Analysis.<br>5/13/2019: WB still 1-2 weeks out from draft letter<br>5/29/2019: (MVG) Inland send Memo to SWB regarding Supplemental maps to March 22, 2019 Water Well Capture Analysis memo.<br>6/10 WB is working through draft concurrence letter still working towards June 2019.<br>6/12/2019: (EG w/SWB Legal) DOGGR recieves draft KR Preliminary Concurrence. Under review by DOGGR legal.<br>7/22/2019: (DOGGR Legal) State Water Board is concurring with the proposed exempted area below the C-Silt. The updated draft is a partial concurrence.<br>8/28/2019: (MVG) Chevron has completed revision of App.to only extend up to the C-Silt and not above.<br>9/8/2019: (MVG) Organizing a review of revised App. w CVX/WB/DOGGR.<br>9/17/2019: (MVG) DOGGR/CVX/WB met to discuss aspects of revised app. Will make changes as required for WB Review.<br>10/16/2019: (MVG) DOGGR sends to WB app. docs & app. wording describing "Top proposed Exemption' and CVX is modifying application accordingly.<br>10/20/2019 :(MVG) Held meeting (11/18/19) with WB, Inland, HQ and CVX on proposed exempt area. CVX group taken the information for their internal discussion. CVX plan to meet with DOGGR on (12/5/2019) for update at 3 PM.<br>12/13/2019: (MVG) Held meeting with WB to convey operator agreement to the proposed boundary by WB, water well survey revised to reflect 1017 submission and to define the bottom of AE zone .<br>02/5/2020: Waiting on revised application from Chevron.<br>02/19/2020:(MVG) Received the shapefiles from Chevron. Under review by CalGEM.<br>03/10/2020:(MVG) Operator preparing revised application. Proposed draft map by CalGEM with location of the water wells shared with WB.<br>04/01/2020:(MVG) Operator technical team met with CalGEM team to discuss deliverables. |

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| 30 | Mt. Poso (Dorsey Area) | (a), (b)(1) | | Received AE document 4/2/19 but needed revisions. Sent back 4/11/19. No Change-Waiting for official application.<br>5/16/2019 (WM) DOGGR received application from EnviroTech, returned to operator for further edits.<br>8/12/2019: (WM) EnviroTech submitted revised app#2 to DOGGR on July 18, 2019. DOGGR almost finished reviewing application. Demonstration of hydrocarbons in zones being proposed for exemption & expansion has not yet occurred. Working with Operator on App Edits.<br>11/01/2019: (CC) District reponses to Jason M. & Bill B. Inquiry. (WTL) establish Operator/DOGGR meeting for Nov 18th to discuss application status and address any issues.<br>11/20/2019: (WM) Met with consultant 11/15/19 to communicate the urgency to submit documents required to show hydrocarbon distribution on proposed area and communication between upper and lower sands. Awaiting updated cross sections and documents prior to a follow up meeting with Operator.<br>12/04/2019: (WM) Working with consultant on what additional data, figures, graphs, and diagrams are needed to satsify criteria for proposed exemption area. Requested a timeline for delivery of work products from consultant on 12/03/2019. Waiting for reply from consultant on expected timeline of additioanl analysis that is needed.<br>1/21/2020:(WM) A key well(API :029-12043 Signal Bishop 22-1) with significant hydrocarbon show located outside the AE boundary was identified by operator and verified by CalGEM. The well now is incorporated with proposed AE boundary. Cameron and the AE team met consultant on 1/10/2020 to discussed urgency in updating new maps, figures, text etc.<br>02/19/2020: (WM): Consultant working on the project conveyed last week that, they will be submitting the application. As of today,no application received by CalGEM. A reminder was sent today.<br>03/02/2020:(WM) Received updated application. Currently under review by CalGEM. Scheduling meeting with WB to present the application.<br>04/01/2020:(WM): Received application from Operator. Setting up meeting with WB on 04/07/2020 to brief.<br>04/07/2020:(WM).Presented overview of the application to WB . Waiting on the corrections and forward to WB. |
| 31 | Lynch Canyon - Santa Margarita | | No concurrence from the WBs. For phase-out of any existing injection | For phase-out. Met with operator at SWB 10/25/18. Discussion within WB to develop document (letter) to be signed by Harris and Bishop outlining basis for decision and steps needed for phase out.<br>6/13/2019 Operator met with DOGGR and WB and received approval on proposed wells to convert from Lanigan to D sands for collection of water sample.<br>10/17/19 Coastal will be sending a letter requiring the phase out of injection with a reasonable timeline and workplan to achelve compliance.<br>11/13/19 Letter to terminate injection has been sent to Eagle Petroleum.<br>02/06/20 A letter to respond to the operator's response to November letter has been drafted and reviewed by SWB. The letter has been submitted to upper management for direction.<br>2/19/2020 Letter sent to operator with details of deliverables and deadlines for water sampling, phase out plan, and alternative contingency plan<br>3/18/2020 Alternative Plan due date extension granted at operators request<br>04/02/20 Operator has requested an extension for 90-days to all request due to low oil prices and COVID-19 issues. |
| 32 | South Belridge - SE Area | | No concurrence from the WBs. For phase-out of any existing injection | For phase-out. Discussion within WB to develop document (letter) to be signed by Harris and Bishop outlining basis for decision and steps needed for phase out. Meeting with operator on Nov. 8, 2018. DOGGR with the operators are in discussion with CA Fish & Game for CEQA discussions on phase-out and re-piping/facilities plans.<br>3/12/2020 Phase Out Plan joint approval letter sent to operator |
| 32 | Elk Hills - southeast area | | No concurrence from the WBs. For phase-out of any existing injection | 4/15/2020: (MS) Operator working on application to phase out injection from Upper Tulare |

**Summary**

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|---|---|---|
| Already approved by EPA (1-20) | 20 | 67 |
| Submitted, waiting for Approval by EPA (21) | 1 | 3 |
| Being prepared for Submission (22-24) | 3 | 10 |
| On Public Comment (-) | 0 | 0 |
| Being prepared for Public Comment (25-26) | 2 | 6 |
| Being reviewed, needing WB Preliminary Concurrence Letter (27-30) | 4 | 13 |
| Not expecting a C. L.; for phase-out of any existing injection (31-32) | 3 | 0 |
| Total | 30 | 100 |



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| Count | Additional Aquifer Exemptions | Exemption Criteria CFR 146.4 | Status as of | Thursday, April 16, 2020 |
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| 1 | Livermore | (a), (b)(1) | Approved by EPA-DOGGR Received ROD and AE enclosures 5/7/2019. | |
| 2 | Casmalia | (a), (b)(1) | WB sent comments to District 2/21/19. Proponent and consultant is targeting May 1, 2019 to submit updated package to Coastal. Did not receive, new target date is end of May.<br>10/17/19 Operator's consultant is completing the AE package and hopes to have something to DOGGR by the end of October.<br>01/21/20 The 3rd party contractor is completing the application and has a PG working on it.<br>04/02/20 If District does not get a response by the end of April, will request fluid front calculations of wells within approved area and if they exceed the boundary, orders to shut in will be produced. | |
| 3 | Deer Creek | (a), (b)(1) | District responded to WB questions 1/28/19. Concerns on containment and water well issues. Operator/Consultant (WZI) and Inland working on it. 4/08/2019: (JS) District researching fluid level data for "D" marker. Location and production for high capacity wells. 5/13/2019: DOGGR has reached out to the WB.<br>5/29/2019: (AVZ) Conferred w/ WZI on necessary action items and requested additional data from WZI in support. Working through Questions/Comments from DOGGR & SWB meeting 3/14/2019. DOGGR needs to identify the 3 high capacity water wells in Sec. 33, T 22S, R 27E.<br>9/4/2019: (AVZ) Meeting with WZI to discuss the project's current status, pending requests, and questions. DOGGR will schedule a meeting with the Waterboard to get more information about the remaining water well and discuss the Waterboard's concerns about the D Marker.<br>10/28/2019: (AVZ) Meeting planned Thursday, Nov 7th with SWB to discuss marker "D" & high capacity water well locations.<br>11/20/2019 :(AVZ) Recived water well survey list from SWB on (11/19). Under review by DOGGR.<br>04/01/2020:(AVZ) Continue to evaluate high-grade water wells that need to be validated with in AE area . | |
| 4 | Round Mountain (South Area) | (a), (b) (1) | Submitted package to WB for review 3/7/19.<br>HQ sent comments to Inland 2/21/19. Presentation to WBs 3/7/19.<br>5/13/2019: WB get back to DOGGR in 3weeks (early June)<br>5/23/2019 (JZ w/ SWB) District recieves 1st round of Preliminary Review questions/comments from SWB.<br>6/11/2019: (MVG) Notified Operator that Inland had received WB Questions/comments, solicited assistance to address. Will review w/ operator 6/18/2019.<br>6/18/2019: (MVG) Meet w/ operator to review WB questions and begin formulating a response.<br>8/12/2019: (M VG) Working with Operator to aquire additional details to respond to WB Questions.<br>9/6/2019: (MVG) Review project status internally w/ Cameron Campbell - addressing WB questions.<br>9/9/2019: (MVG) send project docs to Cameron Campbell for review and forwarding to WB.<br>9/30/2019: (MVG) Cameron sent response to WB.<br>12/4/2019: (MVG) Matt updating water Well Survey.<br>(WTL) review/confirm proposed vertical exemption zone.<br>02/05/2020:(MVG): Discussed with Operator on the vertical extent. The operator expressed that there are no confining barriers in the sand to reduce the vertical extent.<br>04/01/2020: (MVG) . Preparing response to WB | |
| 5 | Northeast Edison | a) b) 1 | On pause from operator due to other priority. 4/24/2019: (WM) Review project status & send inquiry to operator regarding interest level - App text needs updating. 5/13/2019: Submitted complete app on 5/6/2019.<br>5/20/2019: (WM) DOGGR sends response back to Hathaway w/ recommended comments for further App modifications.<br>8/13/2019: (WM) Operator submitted app#2 to DOGGR on 5/3/2019. DOGGR reviewed app and sent feedback on 5/20/2019. No update since | |
| 6 | Lost Hills Phase 2 | | Updated AE document not yet received. No Change-Waiting for official application | |
| 7 | Kern Bluff | | AE document (from Citadel E&P) not yet received No Change-Waiting for official application | |



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| 8 | Blackwell's Corner | a) b)1 or c) | AE document (from E&B Natural Resources) not yet received. 4/25/25: (WM) Operator update District regarding Application changes - working on Tulare Top Seal. 5/13/2019 No Change.<br>5/16/2019: (WM) Operator writing application.<br>8/13/2019: (WM) Operator working on writing application. Communication from 6/6/2019 indicated operator was having well logs digitized so they can better characterize the Tulare seal throughout the field. No update since.<br>9/12/2019: (WM) Met with operator and discussed possible additional modifications to App., Application not ready for submittal.<br>12/04/2019: (WM) Last communicated with operator on 10/24/2019. Operator has been working on demonstration of clay content in Tulare and also digitizing additional well logs to the north end of the proposal area to validate extent of Tulare seal. Application not ready for submittal. | |