Aquifer Exemption Proposal Status

Lynch Canyon

AE Application	EPA makes a ruling on the aquifer exemption status
Lynch Canyon - Lanigan	

Status: *Complied requested data.*

- On track - Anticipate reverting data package to EPA by end of Sep 2022.

Current Activities:

May 13, 2022: *Additional requested information loaded to Box.com and will be transmitted to SWB May 13.*
June 13, 2022: District to meet with SWB to discuss data package.
July 2022: Discussed remaining deliverables with SWB. No new data created.
August 15, 2022: Responses shared with US EPA informally.
September 9, 2022: Engineer is finalizing updates to US EPA review. District will meet with US EPA next week with an updated data.

Anticipated Next Steps:

Once responses have been reviewed by US EPA, Northern District will share the package with HQ to have Uduak sign the "Uduak Letter" and then formally submit the package to US EPA.

Aquifer Exemption Proposal Status

Sespe

AE Application	EPA makes a ruling on the aquifer exemption status
Sespe	

Status: *US EPA comments have been shared with the operator.*

- On track - Anticipate reverting data package to EPA by Sep 2022.

Current Activities:

May 13, 2022: *Northern District is trying to get one last copy of an original file. The new operator did not generate the AE package.*

June 13, 2022: Discussed package with District staff and will transmit data to SWB by end of week.

July 18, 2022: Met with US EPA and SWB over recent Sespe AE comments.

August 15, 2022: Responses to US EPA comments to be shared with SWB by 08/22/22.

September 9, 2022: SWB has reviewed responses and provided feedback.

Anticipated Next Steps:

District will review SWB feedback and have a meeting with US EPA to discuss responses prior to formal submittal. (1-2 weeks)

Aquifer Exemption Proposal Status

Lompoc

AE Application	CalGEM send AE application package to EPA
Lompoc	Sep-22

Status: *Public comment period documents created by District.*

- On track. Expected to send package to EPA this year.

Current Activities:

May 13, 2022: A total of 7 comments received. 6 written and 1 from the public hearing.

June 13, 2022: DOC Legal will take a first look at all public comments and will share any technical comments with the district to answer.

July 18, 2022: Northern District received comments back from Legal and has worked on the technical comment responses.

August 15, 2022: Responses to the technical comments have been completed by Northern District and will be sent back to DOC Legal for approval on 08/16/22.

September 9, 2022: Responses to public comment have been shared with DOC Legal.

Anticipated Next Steps:

UIC program will share responses to public comment with SWB for review.

Aquifer Exemption Proposal Status

Holser

AE Application	CalGEM send AE application package to EPA
Holser	Dec-22

Status: *Comments on public comment period documents received from SWB.*

- On track due to few comments received. Expected to send package to EPA this year.

Current Activities:

June 13, 2022: DOC Legal will take a first look at all public comments and will share any technical comments with the district to answer.

July 18, 2022: Northern District has received the comments from DOC Legal and will be working on responding to the technical comments.

August 15, 2022: DOC Legal has shared the responses to public comment with SWB.

September 9, 2022: SWB has reviewed and provided feedback to responses to public comment. District is working with DOC Legal on finalizing responses.

Anticipated Next Steps:

Northern District will update the public comment responses with feedback from SWB. If SWB approves of the comments and the AE package, they will then work to draft a Final Approval letter. With the Final SWB Approval letter, the AE package can be reviewed by the Natural Resources Agency for approval to send to US EPA.

Oxnard Conduit Analysis

Problem well identification Goals	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22
Oxnard - Operator's Idle and Plugged wells review. Data submission to CalGEM									
Oxnard - CalGEM Review									
Oxnard - WaterBoard Review									

Conduit Analysis Status: Letter has been sent to CalNRG ensuring no injection in this area. No longer a non-compliant AE. A formal update letter will be sent to EPA after suspension of injection in Mt. Poso.

Current Activities:

April 15, 2022: CalGEM HQ completed and signed a "Notice to Suspend Injection" letter to CalNRG for the steam injection project in the Oxnard field.

Anticipated Next Steps :

- Northern District has reassigned the engineer working on the Oxnard conduit analysis to the Cat Canyon conduit analysis. CalNRG will continue to work on the conduit analysis documents. Northern District will return to the Oxnard conduit analysis once the Cat Canyon conduit analysis is complete.

Cat Canyon Conduit Analysis

California Department of Conservation

Problem well Identification & Remediation/Monitoring Plan	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
Cat Canyon - Idle and Plugged wells review. Data submission to CalGEM									
Cat Canyon - CalGEM Review									
Cat Canyon - WaterBoard Review									
Meeting with Operators to discuss identified problem wells									
Operator submits the remediation/monitoring plan									

Conduit Analysis Status: Behind 3 months

Current Activities:

July 18, 2022: Final data packages from 3 operators expected within 1-2 weeks. The final operator (Cat Canyon Resources) has communicated it may take them up to 3 months to complete their data updates to the standard other operators have been held to. CalGEM will continue to work with Cat Canyon Resources to identify opportunities to condense the schedule, including a plan to submit data in batches until all data is received.
August 15, 2022: Updated packages received from Team Operating and B.E. Conway. Northern District is reviewing now.
September 9, 2022: Data packages received from B.E. Conway, Cat Canyon Resources, and Vaquero. District engineers are currently reviewing.
September 13, 2022: Water Board completed the review of data for 14 wells owned by non-active operators.

Anticipated Next Steps :

Northern District anticipates sharing B.E. Conway package with SWB in 1-2 weeks and Vaquero soon after.

Midway Sunset II (Tulare) Conduit Analysis

California Department of Conservation

Problem well Identification & Remediation/Monitoring Plan	Nov-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22
MWSS - Idle and Plugged wells review. Data submission to CalGEM											
MWSS - CalGEM Review											
MWSS - WaterBoard Review											
Meeting with Operators to discuss identified problem wells											
Operator submits the remediation/monitoring plan											
CalGEM/WB : review and concur with operator's remediation/monitoring plan											

Conduit Analysis Status: **On Track**

Current Activities:

Well Status	Conduit analysis : MWSS		
	Meets Standard	Does not meet standard, requires review	Sum
Idle	27	3	30
P&A	9	87	96
Sum	32	94	126

June 30th 2022: Received the final review from WB. One additional well (API #0402966654) that is a concern to the Water Boards. In addition, one Idle well (API # 0403034631 was identified by WB.

June 30th ,2022: Met with Operators and shared the final review and discussed the monitoring plan due by August 1st, 2022.

July 29th ,2022 : Met with WB to discuss monitoring plan. Follow up meeting with Operators representative and discussed requirements for monitoring plan.

August 10th,2022: Shared with Operator spreadsheet to populate problematic wells with proposed monitoring plan.

September 1st ,2022: Operators confirmed the data is being worked on and to be reviewed by Professional Geologist prior to submission.

Anticipated Next Steps :

- Create a monitoring plan to address problematic wells and submit to WB for review.

Kern River Conduit Analysis

Problem well Identification & Remediation/Monitoring Plan	Nov-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22
Kern River - Idle and Plugged wells review- Data submission to CalGEM											
Kern River - CalGEM Review											
Kern River - Water Board Review											
Meeting with Operators to discuss identified problem wells											
Operator submits the remediation/monitoring plan											
CalGEM/WB review and concur with operator's remediation/monitoring plan											

Conduit Analysis Status: **On Track**

Current Activities:

Well Status	CalGEM conduit analysis: Kern River		
	Meets Standard	Does not meet standard, requires review	Sum
Idle	13	1	14
P&A	54	10	64
Sum	65	13	78

ified as problem well by WB.

July 14th ,2022: Operator working on a monitoring plan. A draft plan was received ,CalGEM has provided feedback.
July 29th ,2022 : Met with WB to discuss monitoring plan. Follow up meeting with Operator and discussed requirements for monitoring plan.
August 10th ,2022: Shared with Operator spreadsheet to populate problematic wells with proposed monitoring plan.
August 30th,2022: Operator submitted a draft of the monitoring plan. CalGEM provided the feedback.
September 6th, 2022: Operators confirmed the data is being worked on and to be reviewed by Professional Geologist prior to submission.

Anticipated Next Steps :

Create a Work plan to address problematic wells and submit to WB for review.

Mt Poso Dorsey Conduit Analysis

California Department of Conservation

Problem well Identification Goals	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22
Meeting with Operators											
Mount Poso - Idle and Plugged wells review. Data submission to CalGEM											
Mount Poso - CalGEM Review											
Mount Poso - WaterBoard Review											

Conduit Analysis Status: **Complete- CalGEM and WB concur on results. 5 of 6 wells identified as problematic. 1 well meets standards.**

Current Activities:

March 7th, 2022: Verbally conveyed to the Operator regarding issues with AOR radius of the well Mon 760 (029-73394) being outside the AE boundary and need to cease injection.

April 4th ,2022: Met with Cimarron Oil LLC agent .Communicated our concern of AOR review and migration of injection water outside the approved AE.

April 12th ,2022: Sent operator a letter for signature to voluntary cease injection on to MON 760. Operator expressed unwillingness to sign quoting pending litigation.

April 15th, 2022: Review various options such as current injection and radius of influence.

May 24th 2022: Met with SWB and RWCB to discuss application viability and timeline.

31st May 2022: Met with District leadership and forwarded recommendation for cease injection on MON 760 to HQ for review.

16th June 2022: Letter to suspend injection in Mon 760 has been drafted. Letter will be sent to operator in 1-2 weeks. A formal letter will be sent to EPA after suspension of injection in Mt. Poso.

July 8th. 2022: Cease injection letter sent to Operator. Operator representative acknowledge receipt.

July 16th, 2022: Water injection into Mon #760 has been terminated effective 7/16/2022.
July 19th ,2022:Field Unit verified injection lines disconnected.
August 11th, 2022.Operator and representative discussed with CalGEM the decision to cease injection on to MON 760 .

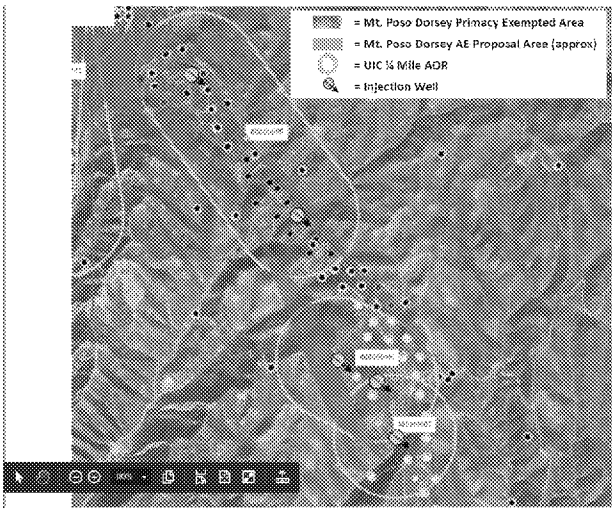
Anticipated Next Steps :
Continue review of the AE application.

California
Department of Conservation

Revised Mt Paso AE area

Modified proposal area which has been reduced from ~ 260 acres to ~ 144 acres.

AOR of the injection wells falls outside the current AE boundary.

The proposal is to convert from WD to WF.

No change to Conduit analysis.