Midway Sunset II (Tulare) Conduit Analysis

Problem well Identification Goals	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22
MWSS - Idle and Plugged wells review. Data submission to CalGEM									
MWSS - CalGEM Review									
MWSS - Water Board Review									

Conduit Analysis Status: **On Track**

Current Activities:

March 22nd, 2022: Received completed data with requested additional details.

April 5th, 2022: CalGEM completed the review and shared information with Operators.

April 7th, 2022: Met with Operators and discussed problematic wells that can act as conduits. Awaiting on Operators to provide the final stamped document. Below is the summary of review.

Well Type	Meets Standard	Does not meet standard, Well within AOR	Does not meet standard, well outside AOR	Sum:
PIPE	22	0	7	29
PMA	11	6	80	97
Sum:	27	6	87	126

Anticipated Next Steps :

- CalGEM to submit 126 wells to WB for review by third week of April 2022 .

Kern River 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											
Kern River - Idle and Plugged wells review, Data submission to CalGEM											
Kern River - CalGEM Review											
Kern River - WaterBoard Review											

Conduit Analysis Status: **On Track**

Current Activities:

March 9th, 2022: review of 77 wells (95%) completed. Currently performing deep dive of 20% wells. Two wells 35H (0403062881) and 34H (0403062884) identified on list have only conductor set at around 40', however not drilled to a target depth of 2700'.Operfor confirms , the wells are in que for pulling out the conductor and site restoration.

March 15th, 2022: CalGEM review staff will meet and discuss on 15th March. So far 12 wells are identified for further review. Within the 12 wells , 2 wells (idle) are leased by CRC and 11 wells are owned by Chevron.

April 13th, 2022: Meeting with WB scheduled for the week of 18th April 2022.

Well Type	Meets Standard	Does not meet standard, Wells within AOR	Does not meet standard, wells outside AOR	Sum
Idle	11	3	0	14
P&A	55	9	0	64
Sum	66	12	0	78

Anticipated Next Steps :

- Completion of conduit analysis.

Mt Poso Dorsey Conduit Analysis

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:

containment within the Upper Vedder formation.

Feb 22 ,2022: Received the revised application. Completed initial review and shared with WB on 28th Feb 2022.

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.

Anticipated Next Steps:

- Internal meeting with CalGEM operation group, and HQ in implementing measures so that AOR does not expand the current AE boundary.

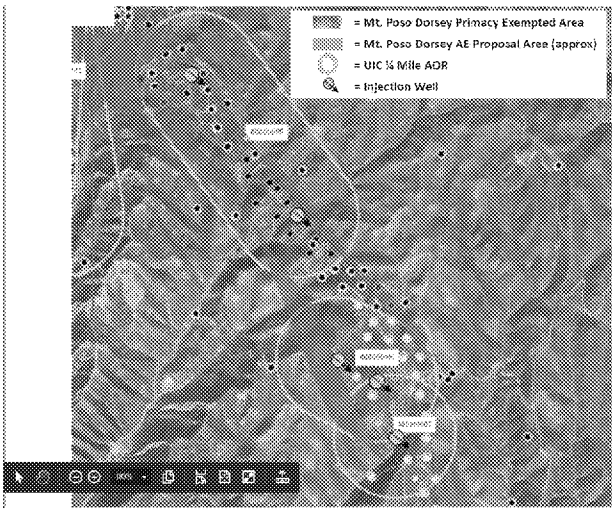
Revised Mt Paso AE area

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.



Aquifer Exemption Proposal Status

Lynch Canyon

AE Application	EPA reviews technical information and supporting data. EPA makes a ruling in the aquifer exemption status
Lynch Canyon - Lanigan	Dec-21

Status: *Complied requested data.*

- Behind Schedule by 4 months

Current Activities:

April 18, 2022: *Northern District will share completed updates to US EPA questions with CalGEM HQ and SWB by April 25.*

Anticipated Next Steps:

Northern District will complete revisions from HQ and SWB comments and work with US EPA to finalize document, including the "Uduak Letter".

Aquifer Exemption Proposal Status

Sespe

AE Application	CalGEM send AE application package to EPA	EPA reviews technical information and supporting data. EPA makes a ruling in the aquifer exemption status
Sespe		Apr-22

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

- On Track

Current Activities:

April 18, 2022: *Operator completed responses to US EPA questions. District is reviewing and adding additional data. Package will be shared with CalGEM HQ and SWB by April 25.*

Anticipated Next Steps:

Northern District will compile any changes from CalGEM HQ and/or SWB and submit responses to US EPA soon after.

Aquifer Exemption Proposal Status

Lompoc

AE Application	EPA preliminary review	Public review and comment on the Aquifer exemption proposal
Lompoc	Dec-21	Feb-22

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

- Behind Schedule by 2 months

Current Activities:

***April* 12, 2022:** Public comment hearing held. ~27 attendees and 2 commenters.

Anticipated Next Steps:

Public comment period ends April 27. OLRA will compile all comments and provide answers to common comments. CalGEM will work with SWB to respond to technical comments.

Aquifer Exemption Proposal Status

Holser

AE Application	Public review and comment on the Aquifer exemption proposal	State agencies review and address comments and concerns illuminated through public scrutiny
Holser	Feb-22	Aug-22

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

- Behind Schedule by 2 months

Current Activities:

March 29, 2022: Public hearing held. ~30 attendees and about 4 commenters.

April 13, 2022: Public comment period ended. OLRA will compile and group similar comments.

Anticipated Next Steps:

OLRA and DOC Legal will begin answering common comments. CalGEM and SWB will work on technical comments.

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: **Behind Schedule 2 months**

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 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											
Cat Canyon - Idle and Plugged wells review. Data submission to CalGEM											
Cat Canyon - CalGEM Review											
Cat Canyon - WaterBoard Review											

Conduit Analysis Status: **On Track**

Current Activities:

March 14, 2022: Requests for updates/corrections and outstanding deliverables sent to active Cat Canyon operators.

April 18, 2022: Northern District engineers have completed the data review for non-Active operators. We will review the package and send the data to SWB for their analysis.

Deep Dive Analysis:
10 P&A wells
4 idle wells

Anticipated Next Steps :

- Updated packages received from 2 operators (Vaquero and B.E. Conway)
- Held a meeting with Team Operating on resubmission.