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:

April 29th, 2022: Received stamped document along with conduit analysis documents from Operator. Following data submitted to WB review.

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

May 11th, 2022: Received WB review and feedback. Three (3) additional P&A wells were identified as potential conduits. Eleven (11) idle wells identified as not meeting standard (Pressure tests, Fluid level Etc). Under review at CalGEM.

May 18th , 2022: Met with WB and discussed P&A and idle wells. One P&A well (0402989140) was added to the does not meet standard list.

May 20th ,2022: Submitted a revised idle well testing and compliance list to WB. Awaiting WB final evaluation.

Anticipated Next Steps :

- Meet with Operators and share final evaluation.
- Create a Work plan to address problematic wells and submit to WB for review.

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:

April 28th, 2022 : WB identified 4 idle wells could act as conduits to overlying beneficial use aquifers and must be mitigated. Additionally, Water Boards are requesting 8 wells submit current mechanical integrity pressure tests for review. Also identified 12 plugged an abandoned wells that could act as conduits to overlying beneficial use aquifers and must be mitigated.

May 5th, 2022: CRC confirmed two idle wells SEC 13 WD-1 and SEC 13 WD-2 are scheduled to be abandoned in 2024. Chevon to provide work plan for the remaining wells.

Well Status	CalGEM conduit analysis: Kern River		
	Meets Standard	Does not meet standard, requires review	Sum
Idle	11	3	14
P&A	54	10	64
Sum	65	13	78

May 8th 2022: One additional P&A well 0402963679 was identified as problem well by WB.
Meeting scheduled with Chevron on 6/20 to discuss monitoring and mitigation plan for wells identified by conduit analysis.

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.

Anticipated Next Steps :

Cease injection on MON 760 and continue review of the AE application.

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 July 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.

Anticipated Next Steps:

With SWB concurrence of documents, Northern District will work with US EPA for submission.

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 Aug 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.

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	CalGEM send AE application package to EPA
Lompoc	Sep-22

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

- On track due to few comments received. 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.

Anticipated Next Steps:

OLRA and Legal will begin grouping like comments and answering non-technical comments. Northern District will work with the operator and SWB to answer any technical comments.

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:

May 13, 2022: A total of 28 comments received. 24 written and 4 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.

Anticipated Next Steps:

OLRA and Legal will begin grouping like comments and answering non-technical comments. Northern District will work with the operator and SWB to answer any 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: 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

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

Conduit Analysis Status: Behind 2 months

Current Activities:

May 9, 2022: Non-Active operator data was shared with SWB and RWQCB for review. Transitioned one engineer off of conduit analysis back to the Sacramento office to help with backlog of work. The remaining 2 AOGEs will continue with the second review of operator supplied data.

June 13, 2022: Data package for CRC wells was shared with SWB and RWQCB for review. District is in close contact with operators to finalize remaining data.

Anticipated Next Steps :

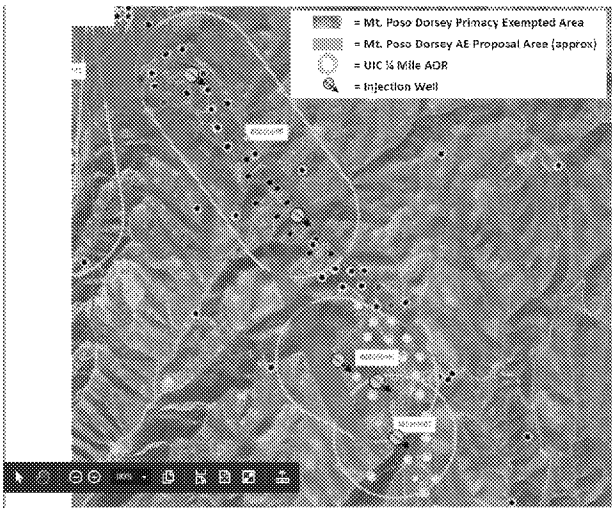
- Conducting second review of operator supplied data.
- District is working closely with operators to finalize data packages. Meetings occurring nearly weekly for updates and corrections.

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.