



Corning Subbasin Advisory Board



Tehama County Flood Control
and Water Conservation District

Members

Matt Hansen -- Dave Lester -- Steve Gruenwald -- Ian Turnbull (Alternate)
Grant Carmon -- Brian Mori -- Julia Violich -- John Amaro (Alternate)

Corning Subbasin Advisory Board Meeting

October 4, 2023 | 1:30 p.m.

In-Person Location:

City of Corning Council Chambers
794 Third Street
Corning, CA 96021

Due to limited parking for Corning City Hall, meeting attendees are asked to park their vehicles in the parking lot across from City Hall, next to the railroad tracks.

Alternate Meeting Location:

1177 Magnolia Ave., Larkspur, CA 95939

Remote Public Participation Option:

Microsoft Teams meeting

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1. Call to Order

The meeting will be called to order.

2. Roll Call

Staff will conduct roll call.

3. Meeting Minutes

a. *Approval of September 6, 2023 meeting minutes

The September 6, 2023 CSAB meeting minutes are attached.

Attachments:

- September 6, 2023 CSAB meeting minutes



Corning Subbasin Advisory Board



Tehama County Flood Control and Water Conservation District

Members

Matt Hansen -- Dave Lester -- Steve Gruenwald -- Ian Turnbull (Alternate)
Grant Carmon -- Brian Mori -- Julia Violich -- John Amaro (Alternate)

Corning Subbasin Advisory Board
September 6, 2023 | 1:30 p.m.
Location | 794 Third Street, Corning, CA 96021
And Teleconference

Meeting Minutes

1. Call to Order

Member Hansen called the Corning Subbasin Advisory Board (CSAB) meeting to order at 1:32 p.m.

2. Roll Call

Tehama County Flood Control and Water Conservation District (TCFCWCD)		Corning Sub-basin Groundwater Sustainability Agency (CSGSA)	
x	Steven Gruenwald	x	Grant Carmon
x	Dave Lester	x	Brian Mori
x	Matt Hansen	x	Julia Violich
x	Ian Turnbull (Alternate)	x	John Amaro (Alternate)

Other participants: Lisa Hunter (Glenn County Water Resources Coordinator), Justin Jenson (Tehama County Deputy Director of Public Works – Water Resources), Nichole Bethurem (Tehama County), Kaitlyn Murray (Glenn County), Latisha Miller (Paskenta Band of Nomlaki Indians), Del Reimers (landowner), Brandon Davison (Department of Water Resources), Ryan Fulton (LWA), Marisa Perez-Reyes (Stantec), Jenny Scheer (Water and Land Solutions), Martin Spannaus (landowner)

3. Meeting Minutes

a. *Approval of July 5, 2023 meeting minutes

Motion by Member Mori second by Member Gruenwald to approve the July 5, 2023 meeting minutes as presented.

Ayes: Members Gruenwald, Lester, Hansen, Carmon, Mori, Violich

Noes: None

Absent: None

b. *Approval of August 2, 2023 meeting minutes

Motion by Member Carmon second by Member Gruenwald to approve the August 2, 2023 meeting minutes as presented.

Ayes: Members Gruenwald, Lester, Hansen, Carmon, Mori, Violich

Noes: None
Absent: None

4. Period of Public Comment

Del Reimers shared correspondence from the California Cattlemen’s Association, Butte County Cattlemen's Association, Glenn-Colusa Cattlemen's Association, and Tehama County Cattlemen's Association Boards of Directors. The letter discusses concerns with the Groundwater Sustainability Agency fee structures in the region, specifically dry land farmers being charged the same as pumpers.

Mr. Reimers and the CSAB members discussed the Orland Unit Water Users not being members of the CSAB.

5. Groundwater Sustainability Agency Updates

Mr. Jenson provided the following report on the TCFCWCD:

- The Request for Qualifications for annual reports for all five subbasins in Tehama County, response to GSP comments from DWR, and implementation of Proposition 68 funding has been posted online, with responses due September 28, 2023.
In response to Member Hansen, Mr. Jenson stated representatives from Glenn and Tehama counties will be part of the consultant interview process.
- In response to Mr. Reimers, Mr. Jenson stated Tehama County is continuing to work on a fee structure.

6. Approve 2024 Corning Subbasin Advisory Board Meeting Schedule

Member Carmon spoke in support of bi-monthly meetings and scheduling special meetings as needed.

In response to Member Mori, Mr. Jenson stated there may be times when more frequent meetings are needed. Mr. Mori expressed support of option 2, with the ability to schedule additional workshops and meetings as needed.

Motion by Member Mori second by Member Carmon to approve meeting schedule option 2 (bi-monthly meetings).

Ayes: Members Gruenwald, Lester, Hansen, Carmon, Mori, Violich

Noes: None

Absent: None

7. Facilitation Support Services for the Corning Subbasin

a. Receive a presentation on Draft Corning Subbasin Operations Plan

Marisa Perez-Reyes (Ms. Perez-Reyes) provided a recap of the Facilitation Support Services program and the draft Corning Subbasin Operations Plan.

Ms. Perez-Reyes gave a presentation on the draft Corning Subbasin Operations Plan. The presentation included the following slides: How This Plan Will be Used, Draft Operations Plan is Ready for Your Review, Options for Providing Feedback, and Questions or Concerns.

Ms. Perez-Reyes stated comments on the draft plan will be compiled and shared with the CSAB at the October meeting.

In response to the presentation, Member Mori asked how the Operations Plan will encapsulate implementation and the direction ahead versus focusing on GSP development. Ms. Perez-Reyes responded that the plan is currently written to be operational for implementation, but would enjoy having feedback on what content should be included and if there is a desire to include development activities.

Member Mori stated the importance of communication to the public and quantifiable and tangible results, which give legitimacy to the process. Member Mori emphasized the public is less about the process and more about results.

Member Carmon asked how disputes will be resolved if the GSAs are at odds. In response, Mr. Jenson stated the intention is to follow past practice in which Corning Subbasin-specific items are presented to the CSAB, then the respective GSA Boards and disagreements at the GSA level come back to the CSAB for discussion.

Discussion ensued regarding the need to clearly define the dispute resolution process.

8. Discussion: Prioritization of basin-wide tasks

Mr. Jenson stated a list of landowners interested in project partnerships is being developed and staff hopes to have the start of a list developed for the consultant at the time of onboarding.

Mr. Jenson encouraged CSAB members to direct landowners with existing water rights to staff to discuss partnership opportunities. Member Mori discussed opportunities to engage with water districts, including smaller, lesser-known ones and their members.

Staff and CSAB members discussed the various types of projects, focus on recharge activities, enhancing the monitoring network, enhancing public outreach, filling data gaps, and potential information packets for interested landowners.

Member Gruenwald discussed hurdles in the first year of Glenn County's recharge project and asked if Tehama County has prepared for when high water is available. Mr. Jenson discussed the challenges and length of time to develop relationships with larger purveyors. Member Mori highlighted work done by Orland-Artois Water District and other Tehama Colusa Canal districts. Member Carmon stated there have been challenges with getting some on board, but it has been quite successful with two projects still going. Discussion ensued on various recharge projects and logistics necessary for success.

Member Mori discussed the public relations perspective for agricultural users participating in recharge programs.

Staff, CSAB members, and the public engaged in discussion about excess flows, short-term water rights, and conveyance issues.

Latisha Miller, Paskenta Band of Nomlaki Indians Tribal Vice Chairwoman, discussed Traditional Ecological Knowledge (TEK) projects near Chico and partnerships with California Open Lands and Resource Conservation District of Tehama County.

Ian Turnbull requested to see information on where Arundo has been treated in the way described by using TEK that has not come back and discussed historical invasive species issues on Stony Creek.

Member Gruenwald spoke of The Nature Conservancy herbicide projects on Arundo, noting the problems with scaling projects.

Following discussion, it was requested a TEK presentation be made at a future CSAB meeting.

Discussion ensued about the fees and labor associated with stock pond projects, various permitting requirements, the potential to streamline the process, and provide assistance to applicants.

9. Corning Subbasin Advisory Board Member Reports and Comments

Brandon Davison, Department of Water Resources, discussed the Sonoma Valley GSA [Groundwater Users Information Data Exchange \(GUIDE\)](#) which shows groundwater levels on properties and includes the option for landowners to update information if it's incorrect.

10. Next Meeting

The next CSAB meeting will be on October 4, 2023 at 1:30 p.m.

11. Adjourn

With no further business, the meeting adjourned at 2:35 p.m.

4. Period of Public Comment

Members of the public are encouraged to address the Corning Subbasin Advisory Board. Public comment will be limited to three minutes. No action will be taken on items under public comment.

5. Groundwater Sustainability Agency Updates

Groundwater Sustainability Agency staff and members may provide activity updates to the CSAB.

6. Facilitation Support Services for the Corning Subbasin

a. Receive update on Draft Corning Subbasin Operations Plan development

Stantec is working to support the Corning Subbasin on specific tasks through the Facilitation Support Services (FSS) program funded by the Department of Water Resources. Christy Clark and Marisa Perez-Reyes have been assigned by Stantec to work with the Corning Subbasin on these tasks, including a draft Corning Subbasin Operations Plan. Ms. Perez-Reyes provided an overview of the FSS program at the August 2, 2023 meeting.

At the September 6, 2023 meeting, Ms. Perez-Reyes shared the draft Corning Subbasin Operations Plan which documents the subbasin's organizational structure and operations, including description of the GSAs' governance and associated support bodies and delineation of those groups' roles and responsibilities to implement the Corning Subbasin Groundwater Sustainability Plan (GSP). Following discussion during the meeting, it was requested that feedback be submitted by September 22, 2023.

Stantec and/or GSA staff will review progress on the development of the draft Corning Subbasin Operations Plan and receive additional feedback.

7. Corning Subbasin Monitoring Network

a. Receive update on status of Corning Subbasin Monitoring Network

b. *Make a recommendation to the GSAs to approve changes to the Corning Subbasin Monitoring Network and include updates in the Annual Report.

The Corning Subbasin GSP identifies a groundwater level monitoring network consisting of 102 wells, 58 of which are included in the Representative Monitoring Station network, and are used to evaluate sustainability. Department of Water

Resources (DWR) measures many of these wells at least twice per year. DWR has recently notified staff that some of these wells will no longer be measured by DWR staff for a variety of issues including site safety, owner permission, or physical issues with the well's ability to be measured. These wells include:

- 23N03W04H001M
- 23N03W05G001M
- 24N02W20B001M
- 24N03W01B001M
- 24N03W14B001M

Staff recommends the wells be removed from the current network and for the monitoring network changes to be included in the Water Year 2023 Annual Report.

Attachments:

- GSP Figure 5-1. GSP Groundwater Level Monitoring Network
- GSP Table 5-2. Groundwater Level RMP Well Summary Data
- GSP Figure 5-2. Shallow Groundwater RMP Well Locations (less than 450 feet deep)
- GSP Figure 5-3. Deep Groundwater RMP Well Locations (greater than 450 feet deep)
- Summary Figure of Wells to be removed

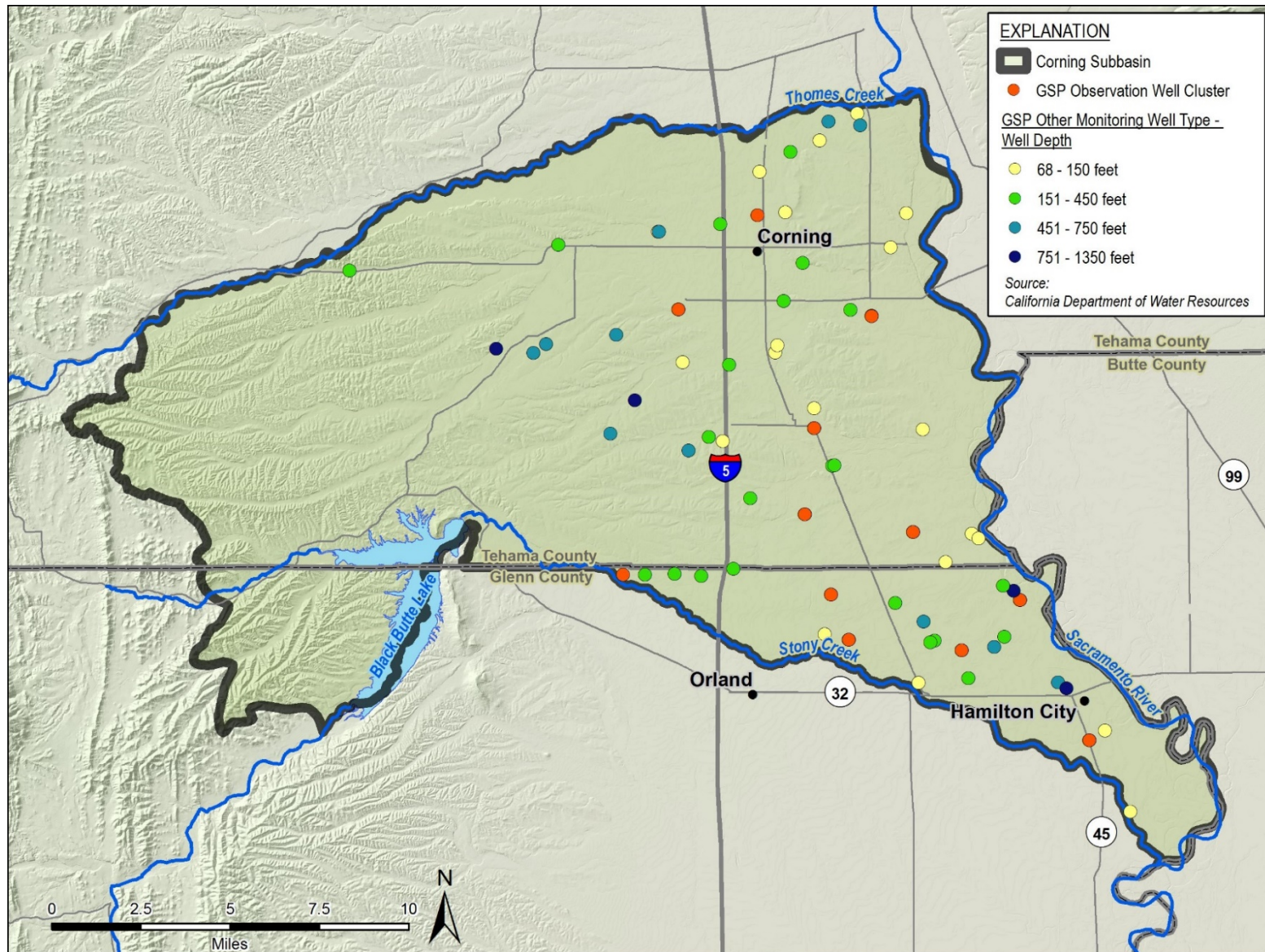


Figure 5-1. GSP Groundwater Level Monitoring Network

- 21 of the 45 GSP observation cluster wells were not included in the RMP well network as the groundwater level trends matched closely with other wells in the cluster. As such, 22 total wells were selected for the shallow and deep RMP networks from the 11 observation well clusters in the Subbasin.

Table 5-2 summarizes the well location data for the RMP monitoring wells. Figure 5-2 shows the locations of wells in the shallow RMP network, and Figure 5-3 shows the location of wells in the deep RMP network. Hydrographs showing groundwater elevations over time, well locations, surveyed elevations, and well screen information are included for each well in Appendix 5B (well information) and Appendix 5C (hydrographs). The RMP well network will be reviewed during each future 5-year update to fill data gaps, assess well conditions, and add or remove wells based on GSP monitoring needs. New wells can also be added during annual reports if they become available and deemed appropriate for GSP monitoring.

Table 5-2. Groundwater Level RMP Well Summary Data

RMP Network	State Well Number	Well Type	Total Well Depth (feet bgs)	Perforated Interval (feet bgs)	Latitude (NAD 83)	Longitude (NAD 83)	Reference Point Elevation (feet AMSL)
Shallow	21N01W04N001M	Domestic	100	--	39.69710	-121.98930	137.68
Shallow	22N01W19E003M	Irrigation	500	80 - 400	39.75002	-122.02669	157.79
Shallow	22N01W29N003M	Observation	400	189 - 380	39.72627	-122.01052	149.99
Shallow	22N02W01N003M	Observation	440	210 - 370	39.78356	-122.04614	161.50
Shallow	22N02W15C004M	Observation	258	210 - 220	39.76344	-122.07716	192.25
Shallow	22N02W18C003M	Observation	188	165 - 175	39.76820	-122.13645	225.54
Shallow	22N03W01R002M	Observation	314	270 - 280	39.78662	-122.14552	228.53
Shallow	22N03W05F002M	Irrigation	218	188 - 218	39.79560	-122.22780	298.89
Shallow	22N03W06B001M	Domestic	210	195 - 210	39.79527	-122.24339	309.90
Shallow	22N03W12Q003M	Domestic	124	112 - 123	39.77050	-122.14910	232.94
Shallow	23N02W16B001M	Irrigation	120	100 - 120	39.85339	-122.09629	186.53
Shallow	23N02W28N004M	Observation	205	100 - 170	39.81167	-122.10200	204.43
Shallow	23N02W34A003M	Irrigation	125	104 - 124	39.81079	-122.07105	171.01
Shallow	23N02W34N001M	Industrial	100	70 - 100	39.79930	-122.08500	185.92
Shallow	23N03W04H001M	Irrigation	270	200 - 270	39.88039	-122.19808	261.90
Shallow	23N03W13C006M	Observation	182	95 - 135	39.85430	-122.15350	215.59
Shallow	23N03W16H001M	Domestic	150	144 - 150	39.84932	-122.20168	278.08
Shallow	23N03W22Q001M	Irrigation	380	--	39.82597	-122.18757	235.97
Shallow	23N03W24A003M	Domestic	199	180 - 199	39.83915	-122.14301	207.44
Shallow	23N03W25M004M	Observation	155	120 - 130	39.81925	-122.15900	237.40
Shallow	24N02W17A001M	Domestic	140	120 - 140	39.94124	-122.10400	212.20
Shallow	24N02W20B001M	Domestic	120	100 - 120	39.92745	-122.11234	223.43
Shallow	24N02W29N003M	Observation	388	200 - 290	39.89962	-122.12275	213.76
Shallow	24N03W02R001M	Domestic	270	--	39.96665	-122.16465	257.95
Shallow	24N03W03R002M	Domestic	132	112 - 132	39.95860	-122.18120	279.46

RMP Network	State Well Number	Well Type	Total Well Depth (feet bgs)	Perforated Interval (feet bgs)	Latitude (NAD 83)	Longitude (NAD 83)	Reference Point Elevation (feet AMSL)
Shallow	24N03W14B001M	Industrial	140	130 - 140	39.94214	-122.16762	294.05
Shallow	24N03W16A001M	Irrigation	195	85 - 195	39.93760	-122.20210	290.97
Shallow	24N03W17M001M	Domestic	108	100 - 108	39.93460	-122.23490	316.48
Shallow	24N03W24E001M	Domestic	224	212 - 220	39.92147	-122.15879	298.45
Shallow	24N03W26K001M	Irrigation	245	103 - 175	39.90609	-122.16893	283.46
Shallow	24N03W29Q001M	Observation	372	130 - 360	39.90305	-122.22456	316.18
Shallow	24N03W35P005M	Domestic	120	100 - 120	39.88510	-122.17370	251.46
Shallow	24N04W14N002M	Domestic	180	--	39.92972	-122.28761	375.52
Shallow	24N05W23L001M	Stock	235	--	39.91976	-122.39783	530.90
Shallow	25N02W31G002M	Irrigation	115	93 - 113	39.98198	-122.12937	223.80
Shallow	Glenn TSS Well	Observation	TBD	TBD	39.79549	-122.25500	TBD
Shallow	Tehama CWT Well	Observation	TBD	TBD	39.94093	-122.18303	TBD
Deep	22N01W29N002M	Observation	670	549 - 641	39.72627	-122.01052	150.68
Deep	22N02W01N002M	Observation	730	700 - 710	39.78356	-122.04614	161.31
Deep	22N02W15C002M	Observation	825	760 - 781	39.76342	-122.07717	192.37
Deep	22N02W18C001M	Observation	1062	841 - 1029	39.76820	-122.13645	224.64
Deep	22N03W01R001M	Observation	515	470 - 480	39.78662	-122.14550	228.17
Deep	23N02W28N002M	Observation	580	550 - 570	39.81170	-122.10200	204.37
Deep	23N03W07F001M	Irrigation	790	240 - 790	39.86618	-122.24796	314.40
Deep	23N03W13C004M	Observation	835	815 - 825	39.85430	-122.15350	215.88
Deep	23N03W17R001M	Irrigation	720	360 - 720	39.84559	-122.21995	302.50
Deep	23N03W25M002M	Observation	513	470 - 500	39.81925	-122.15900	237.68
Deep	23N04W13G001M	Irrigation	560	--	39.85270	-122.26100	360.71
Deep	24N02W29N004M	Observation	741	590 - 710	39.89960	-122.12270	213.45
Deep	24N03W17M002M	Irrigation	505	315 - 495	39.93458	-122.23443	316.80
Deep	24N03W29Q002M	Observation	575	490 - 550	39.90305	-122.22456	315.76
Deep	24N04W33P001M	Irrigation	780	250 - 780	39.88760	-122.32070	424.56
Deep	24N04W34K001M	Irrigation	750	310 - 750	39.88933	-122.29434	421.50
Deep	24N04W34P001M	Irrigation	535	290 - 475	39.88578	-122.30107	440.10
Deep	24N04W36G001M	Irrigation	750	320 - 750	39.89290	-122.25731	362.20
Deep	25N03W36H001M	Irrigation	524	--	39.97888	-122.14458	241.00
Deep	Glenn TSS Well	Observation	TBD	TBD	39.79549	-122.25500	TBD
Deep	Tehama CWT Well	Observation	TBD	TBD	39.94093	-122.18303	TBD

TBD = to be determined

-- = not available

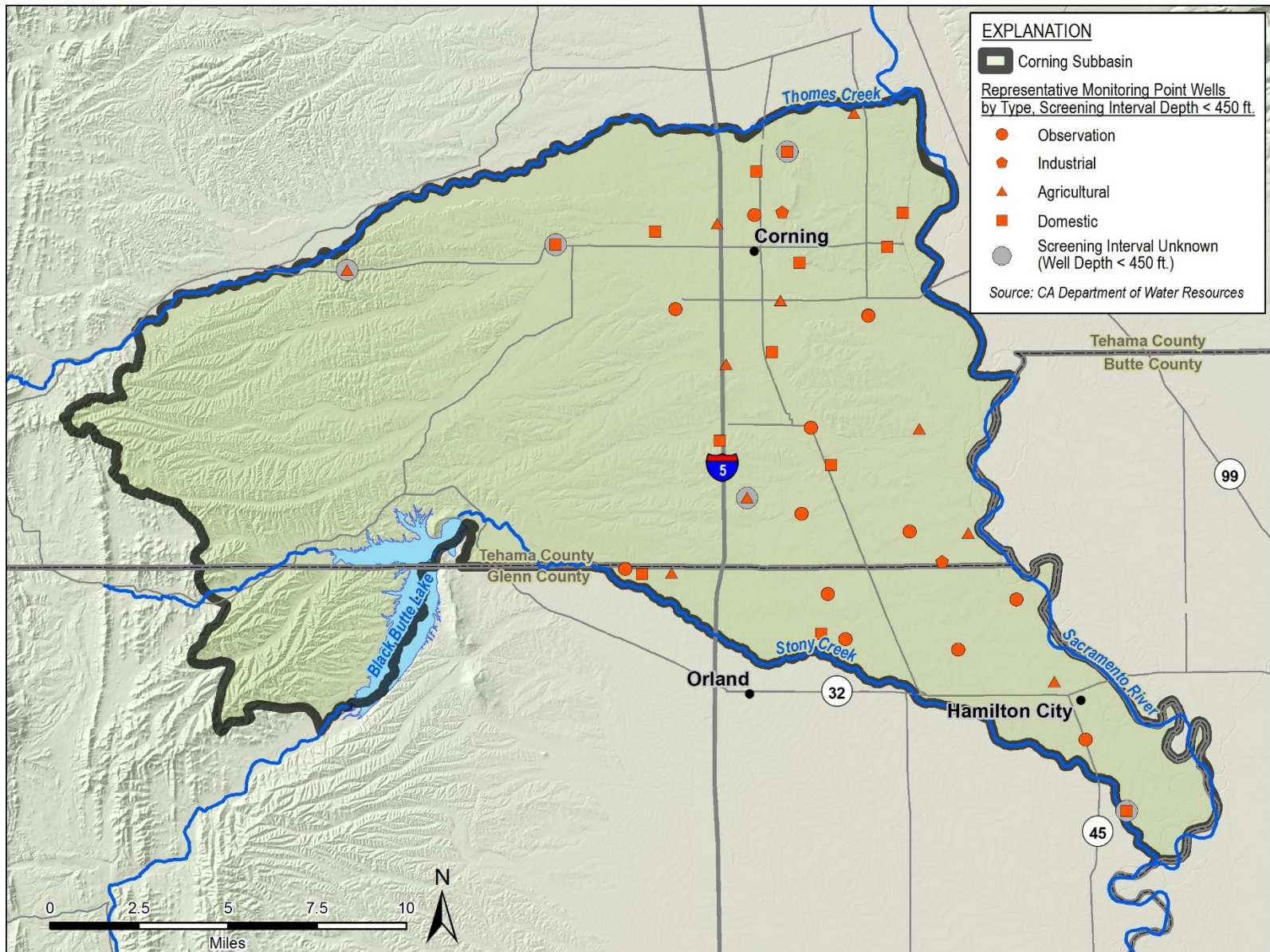


Figure 5-2. Shallow Groundwater RMP Well Locations (less than 450 feet deep)

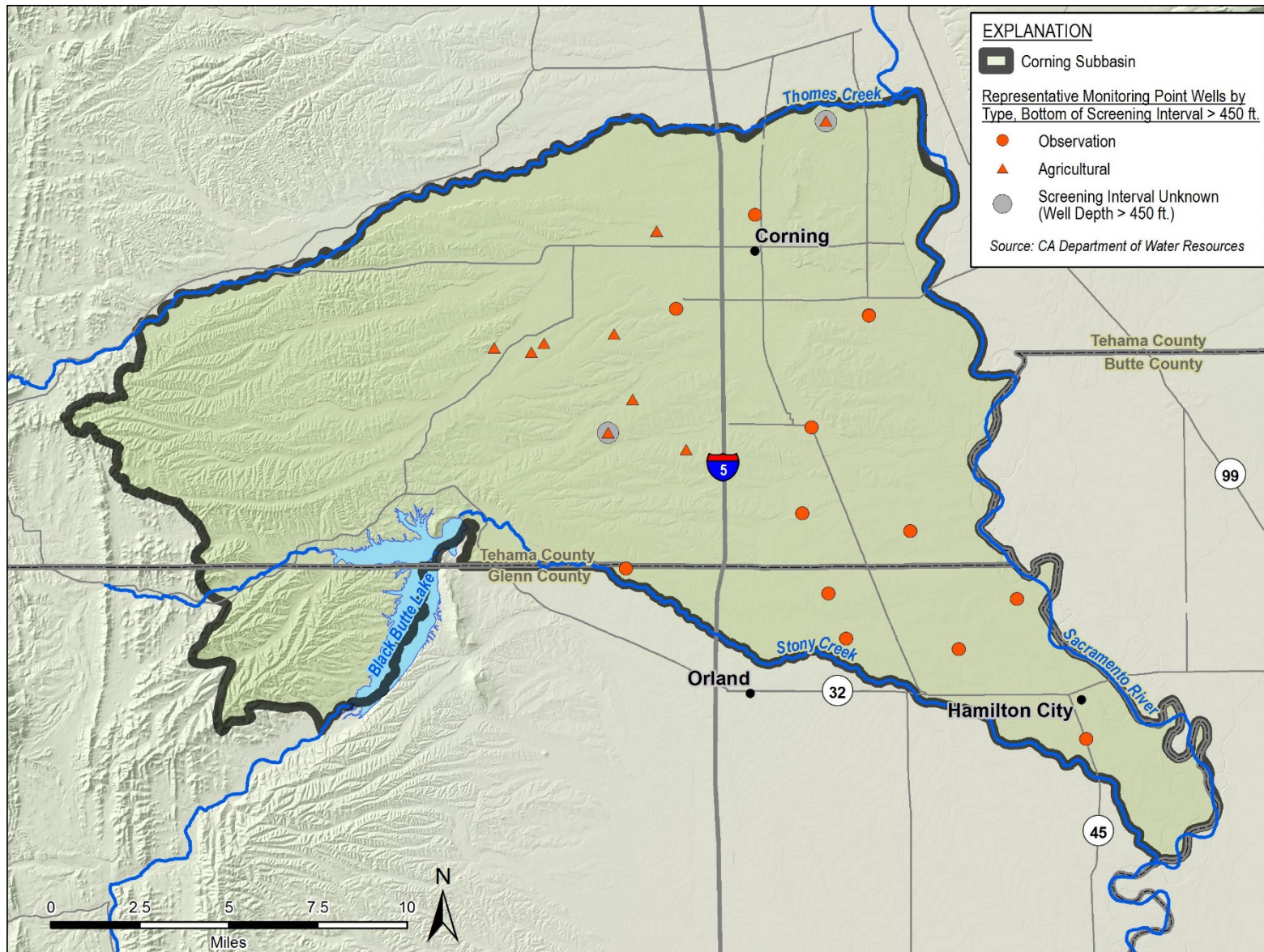
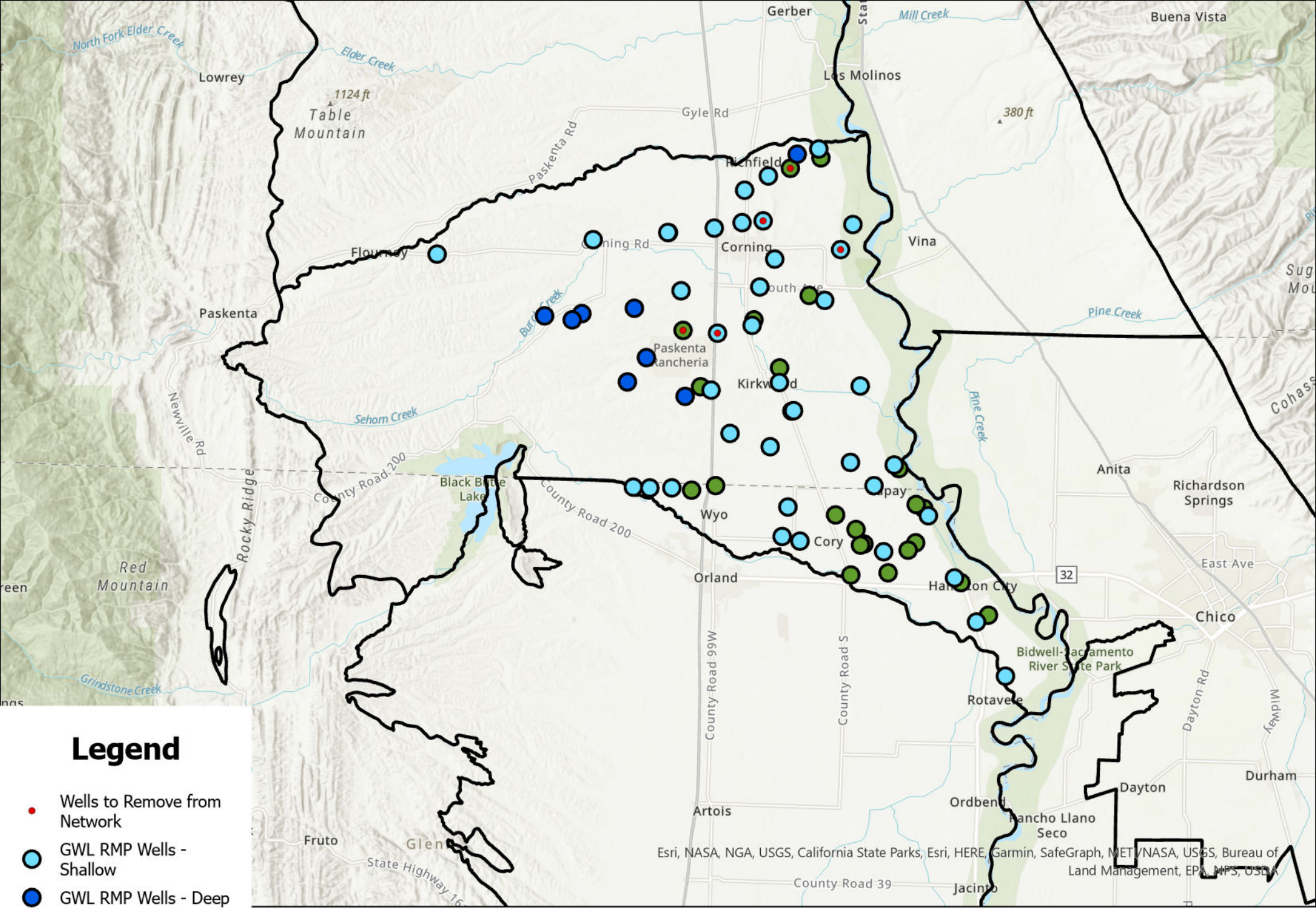


Figure 5-3. Deep Groundwater RMP Well Locations (greater than 450 feet deep)



Legend

- Wells to Remove from Network
- GWL RMP Wells - Shallow
- GWL RMP Wells - Deep
- GWL Monitoring Network
- GW_Basins

Corning Subbasin Monitoring Well Locations

CSAB | October 4, 2023



Esri, NASA, NGA, USGS, California State Parks, Esri, HERE, Garmin, SafeGraph, MET/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA

8. Discussion: Prioritization of basin-wide tasks

The Corning Subbasin GSP was approved by the CSGSA and TCFCWCD in December 2021. Two Annual Reports have been submitted (Water Years 2021 and 2022) by April 1 of the following year (2022 and 2023). The first five-year update will be due in early 2027.

Through the SGM, Round 2 grant application process, the CSAB and GSAs have begun prioritizing tasks to comply with SGMA. In the coming months, it would be helpful to prioritize and outline a work plan for basin-wide tasks to ensure the subbasin stays on track.

On July 5, 2023, the CSAB held initial discussion on how best to prioritize tasks and what information would be most helpful to bring forward in order to recommend a work plan to the GSAs. This item will remain a standing agenda item to continue the discussion as needed.

9. Corning Subbasin Advisory Board Member Reports and Comments

Members of the CSAB are encouraged to share information, reports, comments, and suggest future agenda items. Action cannot be taken on matters brought up under this item.

10. Next Meeting

The next regular meeting is scheduled for November 1, 2023 at 1:30 p.m.

11. Adjourn

The meeting will be adjourned.
