

Tracy Subbasin GSP Coordination Committee Meeting

Thursday February 15, 2023
3:00 PM to 4:00 PM

Teleconference Meeting Only

Teleconference Link: <https://stantec.zoom.us/j/98333216975>

Phone Number: +1-669-900-6833

Meeting ID: 983 3321 6975

The following options are available to members of the public to listen to these meetings and provide comments to the Committee Members before and during the meeting:

CALL-IN

Members of the public are encouraged to use the call-in number, which will allow them to fully participate in the meeting without having to be present in person. **Once connected, we request you kindly mute your phone.** Please note, however, that calling in will prevent you from seeing any materials shown by those joining the meeting from a computer. Meeting packets are distributed through the [interested parties database](#) and posted to the Tracy Subbasin website in advance of the meeting.

PUBLIC COMMENT

If you wish to make a written comment on a specific agenda item ahead of time, please submit your comment via email at least 48 hours prior to the meeting. Please submit your comment via email to Fritz Buchman, San Joaquin County, at fbuchman@sjgov.org. Your comment will be shared with the Tracy Subbasin Groundwater Sustainability Agencies members and placed into the record at the meeting. Every effort will be made to read comments received during the meeting into the record, but some comments may not be read due to time limitations. Comments received after an agenda item will be made part of the record if received prior to the end of the meeting.

DISABILITY-RELATED MODIFICATIONS

If you need disability-related modification or accommodation in order to participate in this meeting, please call (916) 418-8277 at least 48 hours prior to the start of the meeting.

AGENDA

I. Opening of Meeting/Roll Call

- A. Call the Meeting to Attention and Conduct Introductions for all Present

II. Scheduled Items

- A. Approval of the January 18 GSP Coordination Committee Meeting Minutes – *Action Item*
- B. GSA Status Updates – *Round Robin Discussion*
 - 1. Current Groundwater Conditions, Projects and Management Actions, Funding, and General Updates

- C. GSP Implementation Updates
 - 1. WY23 Annual Report – *Discussion Item*
 - 2. TSS Update – *Discussion Item*
- D. Inter-basin Coordination – *Discussion Item*
 - 1. Adjacent Basin Updates
 - i. Eastern San Joaquin – *Alex Chetley*
 - ii. Delta Mendota – *Lea Emmons*
 - iii. East Contra Costa – *Ed Pattison*
- E. DWR Status Report – *Discussion Item*
- III. **Public Comments**
 - A. Receive Comments And Questions Not Captured Within The Agenda From Members Of The Public In Attendance
- IV. **Agency Comments**
 - A. Receive Comments And Questions Not Captured Within The Agenda From GSA Representatives
- V. **Next GSP Coordination Committee Meeting Anticipated for March 21, 2024**
 - A. Confirm Group Availability
- VI. **Adjournment**

Tracy Subbasin GSP Coordination Committee Meeting

Thursday January 18, 2024

3:00 PM to 4:00 PM

DRAFT MINUTES

I. Opening of Meeting/Roll Call

The meeting was called to order at approximately 1:04 PM. Roll call found the following Sustainable Groundwater Management Act (SMGA) Groundwater Sustainability Agency (GSA) representatives for the Tracy Subbasin (Tsb) present via teleconference for the regular Groundwater Sustainability Plan (GSP) Coordination Committee (Committee) meeting:

- John Chapman, Stewart Tract GSA
- Lea Emmons, City of Tracy GSA
- Greg Gibson, City of Lathrop GSA
- Greg Young, Byron Bethany Irrigation District (BBID)
- David Weisenberger, Banta-Carbona Irrigation District (BCID)
- Bob Granberg, San Joaquin County GSA (representing interim plan manager Alex Chetley)

Other Attendees Included:

- Emily Finnegan, Stantec
- Richard Shatz, GEI
- Bill Brewster, California Department of Water Resources (DWR)
- Karen Morgan
- Nader Shareghi
- George Hartman
- Khandriale Clark, Stantec

II. Scheduled Items

- A. Approval of the December 13 GSP Coordination Committee Meeting Minutes – *Action Item*

RESULT: APPROVED

MOVER: David Weisenberger

SECONDER: Lea Emmons

AYES: All

NOES: None

ABSENT: None

ABSTAIN: None

EDITS: There are no comments on the notes. They are approved for finalization and publication as is.

- B. GSA Status Updates – *Round Robin Discussion*

1. Current Groundwater Conditions, Projects and Management Actions, Funding, and General Updates
 - City of Tracy - (Lea): The City and BCID have done some research on Corral Hollow. Nothing more to report at this time.
 - City of Lathrop - (Greg): Nothing to report at this time.
 - BBID - (Ed): Nothing to report at this time.
 - BCID - (David): BCID met with DWR to discuss the Technical Support Services Grant for Monitoring Well 204 and had a separate meeting with DWR's California Environmental Quality Act specialist. The District had their well permit signed so that the driller could proceed with work. Mr. Shatz will update the TSS application and forward it to the County.
 - Stewart Tract - (John): Nothing to report at this time.
 - SJ County - (Bob): Nothing to report at this time.

- C. GSP Implementation Updates

1. GSA Invoicing Through GSP Implementation – *Discussion Item*
 - Mr. Shatz asked the group if everyone had received their invoices as discussed during the last meeting. All but the City of Lathrop confirmed receipt of the invoices. BBID and BCID stated that checks

for the invoices had been mailed out; Stewart Tract stated that their check would be in the mail soon.

2. WY23 Annual Report – *Discussion Item*

- Groundwater elevation levels have been posted and OpenET calculations are in progress. Mr. Shatz anticipates reviewing that data as well as groundwater pumping data with the group during the February meeting. The water supply tables have been updated and were supplied to GSAs in PDF attachments.
- Mr. Shatz has created new water supply summary tables based on new guidance from DWR. The guidance dictates that groundwater extraction and production in the upper and lower aquifers must be separated. They have requested that at least one previous water year be included in the summary tables for comparison with the most recent water year. Mr. Shatz will be including the two previous water years in the updated tables. All of this will be appendices of the Annual Report but will eventually be replaced with simpler tables requested by DWR.
- A Committee member asked if there were detailed enough drilling logs to identify upper vs lower pumping. Mr. Shatz replied that he has all the detail at this time. For example, the City of Lathrop is all upper aquifer pumping and the City of Tracy is all lower aquifer pumping. Small community systems are also now classified by aquifer pumping. There is also 20 thousand acre-feet of unknown aquifer pumping. Mr. Pattison noted it would be nice to know what the interval depth/range is for each aquifer (number of feet). He noted that there is one large capacity deep well that BBID uses and received monthly reads from. There is a lack of clarity surrounding why the well is not replenishing as the District used 100% Central Valley Project water in the previous year. Mr. Emmons, offered to review past meeting notes in hopes of finding an answer as there might be a correlation with wells in the same area but within the City of Tracy that have replenished.
- Mr. Shatz asked if the group had any information regarding an older listing for CAS Patterson Park as they are no longer listed on the

Department of Drinking Water list. Mr. Emmons confirmed that it is in their area and utilizes surface water, not groundwater. Mr. Shatz and Mr. Emmons will confer about it more offline.

- Mr. Shatz asked if Maurland Manor Water System was still a system as it was also no longer included in the Department of Drinking Water list. No one new; Mr. Shatz will follow up with Mr. Emmons and Mr. Granberg to try and find out more.
- Mr. Gibson believes the Sharpe Army Depot may be supplying the California National Guard Discovery and the Army Office with water resources but will confirm this since he is unsure if they are using the City Lathrop's water system anymore and does not have a good contact identified at this time. Mr. Gibson and Mr. Shatz to confer about this offline. Mr. Pattison may also have a contact for the Tracy Amy Depot to continue on this thread of information discovery.
- It was mentioned that the Deuel Institute used to pump a lot of groundwater.
- Mr. Weisenberger also confirmed that the local prison is closed, so that should not be requiring any water supply, but there is no knowledge amongst the group at this time regarding how that infrastructure is going to be used in the future.
- JR Simplot is supplied drinking water by Lathrop. They also have their own well for industrial processed water. However, their Lathrop facilities are being shut down. Mr. Gibson will reach out to them for more information with some guidance from Mr. Shatz.
- Pescador (Reclamation District 2058) and Nagely Burke Irrigation district are believed to only be using surface water at this time. However, Mr. Shatz is working on better understanding the relationship between the two. Mr. Pattison can provide Mr. Shatz with a point of contact for the District. John Herrick of South Delta Water Agency may have a point of contact for Pescador. Additionally, DWR has introduced "reused water" as a new category needing consideration in the Annual Report which may apply to Pescador.

- The County has reported for five small community water systems that the group has data access for. The data on these systems currently ends in 2022 with several months in 2023 that do not have totals. Mr. Granberg will connect with the County about the remaining 35 water systems in the area.
- In discussions about specific properties, Mr. Weisenberger commented that he was amenable to listing those surface water deliveries within BCID's service areas reported as managed recharge.
- In discussions about surface water supplies for two other Reclamation Districts, Mr. Emmons suggested that Mr. Shatz reach out to Mr. Herrick for more information.
- Mr. Shatz commented on a need for an outreach and engagement table to include in the Annual Report that denoted activities conducted, comments and feedback received, committee meetings, workshops, and communications supporting GSP implementation. Additional inclusions would be board meetings where GSP implementation was discussed. For example, the BCID Board meeting in which their receipt of the DWR grant was announced.
- Mr. Shatz needs groundwater levels for ORL-1W, 0203E01D00M and 1S04E as there has been no data available for them the last three years. Mr. Pattison will connect with Mr. Brewster regarding next steps on getting that data.
- The following important dates were related to the group:
 - Draft Estimated Agricultural Groundwater Pumping – Feb 15, 2024
 - Draft Annual Report Release to GSAs – March 4, 2024
 - Comments Returned from GSAs to GEI – March 18 2024
 - Comments incorporated and discussed – March 21, 2024
 - ❖ Technical Committee meeting, Action Item: Approval to Submit to DWR
 - Annual Report Submitted to DWR – Week of March 25, 2024
 - DWR required Submittal date - April 1, 2024

3. TSS Update – *Discussion Item*

- Mr. Emmons is working on signing DWR access agreements.
- BBID and Mountain House CSD are in the process of reviews with their legal teams and are approaching completion.

4. Groundwater Conditions – *Discussion Item*

No additional notes.

D. Inter-basin Coordination – *Discussion Item*

1. Adjacent Basin Updates

i. Eastern San Joaquin – *Alex Chetley*

- The Eastern San Joaquin Groundwater Authority Board met during the previous week to consider a proposal from Woodard and Curran to update the GSP for 2025. There are significant upgrades that need to be made to the plan, therefore, it is estimated that the work will cost upwards of \$1.1M to conduct and would result in an increase in dues for Authority members.
- The Authority's Steering Committee presented a well mitigation program. It was not presented to the Board, but it will be next month. The presentation will touch on the outcomes of wells impacted by subsidence.

ii. Delta Mendota – *Lea Emmons*

- It appears that the Subbasin received a grant for the drilling of monitoring wells, which is slated to occur sometime in the next year. They are currently in the budget development process and are planning a tour for the State Water Resources Control Board and DWR. Mr. Emmons will try to find out more information regarding where these wells will be located.

iii. East Contra Costa – *Ed Pattison*

- Nothing to report at this time.

E. DWR Status Report – *Discussion Item*

- DWR is striving to get through TSS contracting as quickly as possible.
- Contact Mr. Brewster if there are any questions regarding GSP determinations.

- California well standards are anticipated to be released in Fall 2025. Discussions with the County well permitting agency are ongoing but will need to include how they are applying setbacks for surface water and groundwater dependent ecosystems.

III. Public Comments

No additional notes.

IV. Agency Comments

No additional notes.

V. Next GSP Coordination Committee Meeting Anticipated for February 15, 2024

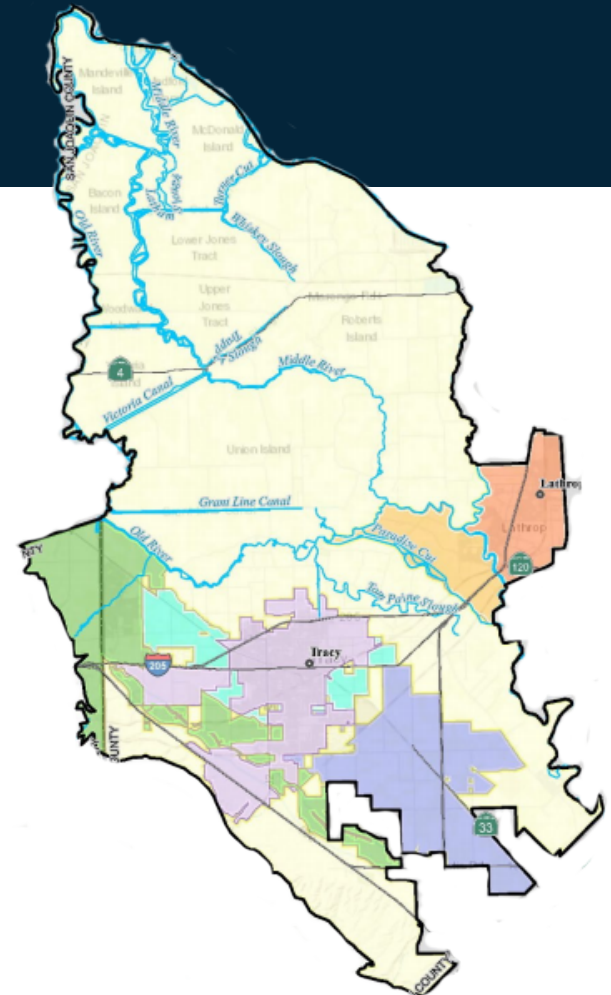
No additional notes.

VI. Adjournment

The meeting adjourned at approximately 5:03 PM.

February 15, 2024

Item C.1. WY 2023 Annual Report



WY 2023 Estimating Agricultural Pumping

- Used OpenET and eeMetric method
- Updated to use agricultural parcels using DWR 2021 Land IQ data
- Continued to use Riparian parcel designations
- Last year only had 3 diversion reports. This year obtained 22 diversions from SWRCB. However, WY2023 not available, therefore used WY2017 data. Estimated 44,800 AF mostly in San Joaquin GSA area.
- RD1007 not supplying irrigation water

Estimated Ag Groundwater Pumping

Table D-10

Estimated Agricultural Groundwater Pumping (AF)														
GSA	Acres	2022-2023												
		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Water Year Total
Banta- Carbona ID GSA	13,999	(926)	39	2,253	4,410	164	1,685	(1,777)	488	484	(57)	(499)	(1,287)	(2,694)
Byron-Bethany ID GSA - TSb	9,944	477	14	1,663	3,163	114	749	(782)	957	886	840	(13)	(348)	(1,130)
City of Lathrop GSA	1,026	(92)	(5)	164	339	18	83	(236)	(159)	(165)	(222)	(221)	(173)	(1,272)
City of Tracy GSA	1,374	(149)	(61)	29	43	(90)	(165)	(239)	(162)	128	19	111	(31)	(896)
County of San Joaquin GSA - TSb	21,526	(1,766)	360	4,509	7,775	1,303	4,374	(2,690)	726	1,660	1,458	883	551	1,182
Stewart Tract GSA	673	(23)	49	210	296	31	164	(114)	(71)	(84)	(105)	(122)	(96)	(616)
Total														(5,426)

Notes:

Negative values indicate groundwater pumping because deficient surface water supplies.

Estimated Groundwater Pumping (AF) = diversions + precip + surface water supply + metered groundwater pumping - Non-Riparian Fields ETC

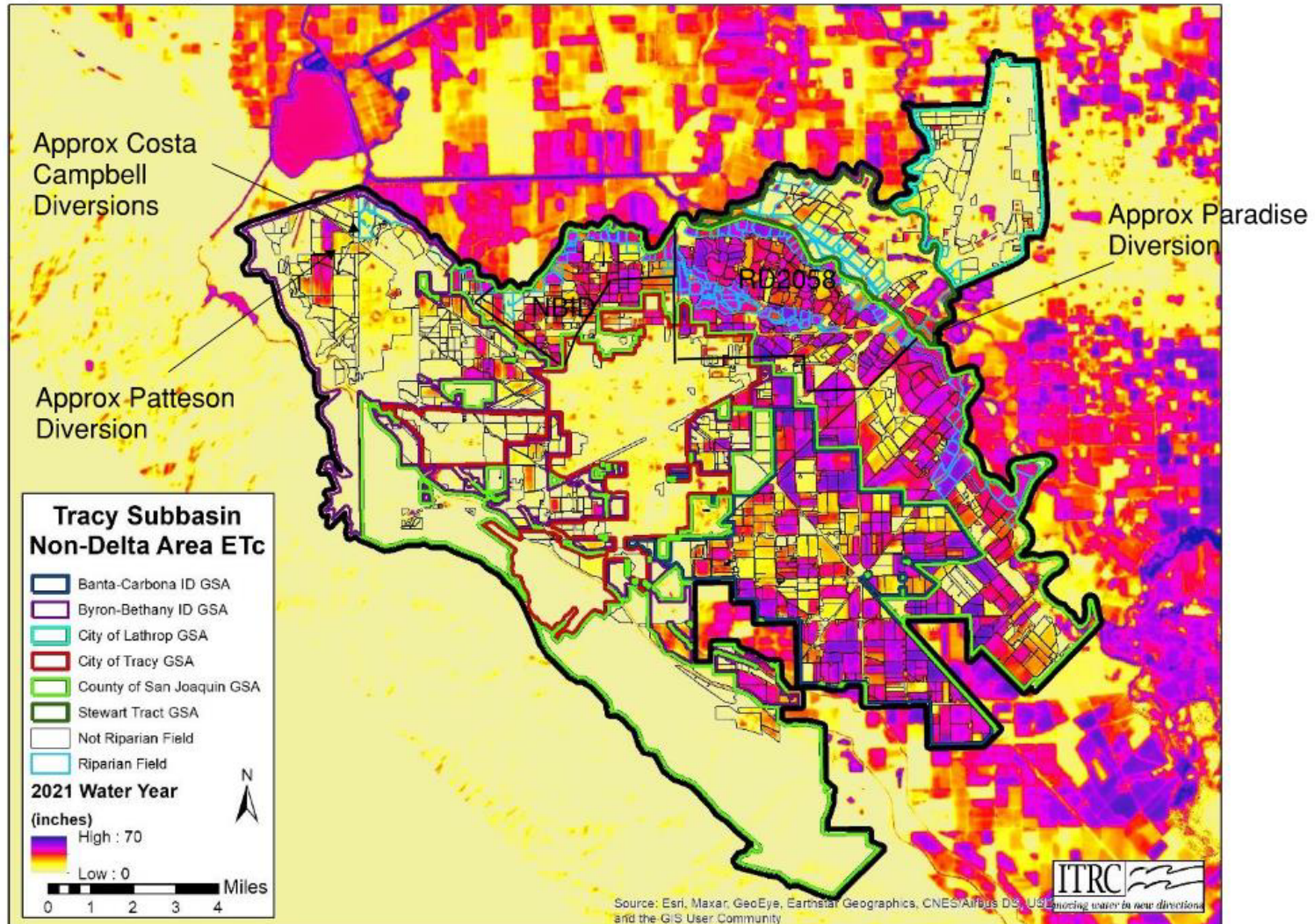
Table D-11

Modified Estimated Agricultural Groundwater Pumping (AF)														
GSA	Acres	2022-2023												
		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Water Year Total
Banta- Carbona ID GSA	13,999	-	-	-	-	164	1,685	-	488	484	(57)	-	-	(57)
Byron-Bethany ID GSA - TSb	9,944	-	-	-	-	114	749	-	957	886	840	-	-	-
City of Lathrop GSA	1,026	-	-	-	-	210	83	-	(159)	(165)	(222)	-	-	(545)
City of Tracy GSA	1,374	-	-	-	-	(90)	(165)	-	(162)	128	19	-	-	(416)
County of San Joaquin GSA - TSb	21,526	-	-	-	-	1,303	4,374	-	726	1,660	1,458	-	-	3,844
Stewart Tract GSA	673	-	-	-	-	-	-	-	-	-	-	-	-	-
Total		-	-	-	-	1,702	6,726	-	1,851	2,994	2,038	-	-	2,825

Negative values indicate groundwater pumping because deficient of surface water supplies. Water year total only summing negative values, no carry over from previous

Potential Double Counting

Figure D-3 ETc by Field and Estimated Riparian Parcels



Water Supply – Questions Status

- **CSA 50 Patterson Park** – Surface water from BBID.
- **Maurland Manor Water System** – DDW records say well sold – are they still a system or have they been incorporated into someone's system? – Unresolved.
- **Sharpe Army Depo** – Have made contact. Waiting for potable wells pumping. Data has been provided for remedial groundwater pumping and disposal of treated water.
- **Tracy Army Depo** – Have made contact and obtained potable and remedial groundwater pumping and disposal of treated water.
- **Status of Deuel Institute** – using zero groundwater pumping

Water Supply - Questions

- **JR Simplot** – Potable groundwater pumped obtained for WY2023. Facility being deactivated in 2024.
- **RD1007, Pescador (RD 2058) and NBID:**
 - Local contacts made
 - WY 2023 data not reported to SWRCB until April 1, 2024

Water Supply - Questions

- **Small Community Water Systems (total 40)**
 - No WY2023 totals by well from County - for 5 systems (Corral Hollow, Fair Oaks, Par Estates and Santos Ranch)
- **Remaining 35 Systems**
 - Estimated water use from standard values from State available typical water use by activity.

Annual Report Needs:

Stantec to provide: Table listing Public Outreach and Engagement activities – summarize public comments and feedback – yet to be provided.

Groundwater Levels:

Any progress towards:

ORL-1W monitoring well – Complete transfer from DWR to BBID

0203E01D001M and 1S04E31P005M – BBID to obtain access agreement to monitor wells previously measured by Alameda County or require Alameda County to resume monitoring

Complete before April and obtain groundwater level measurements, spring and fall

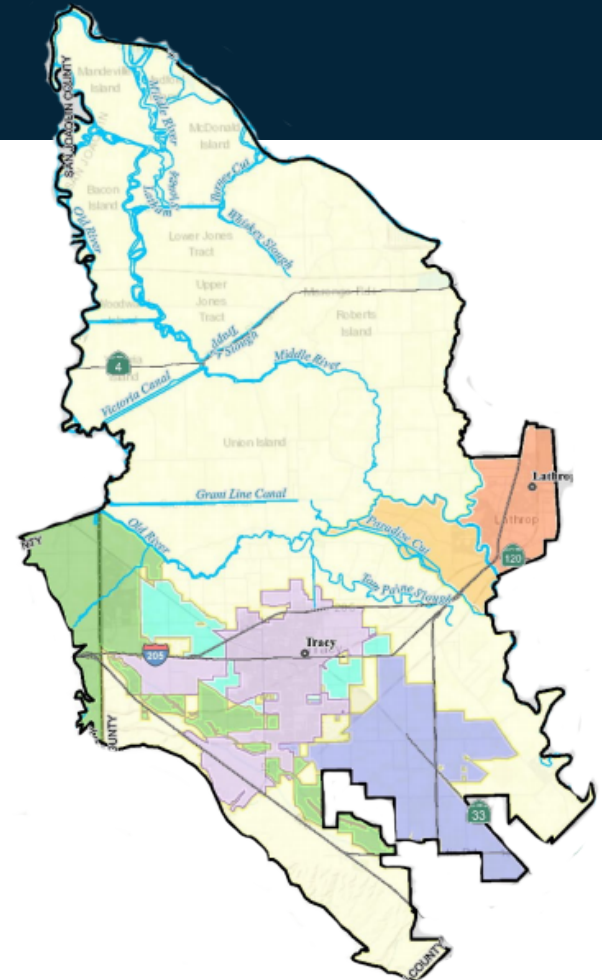
Schedule

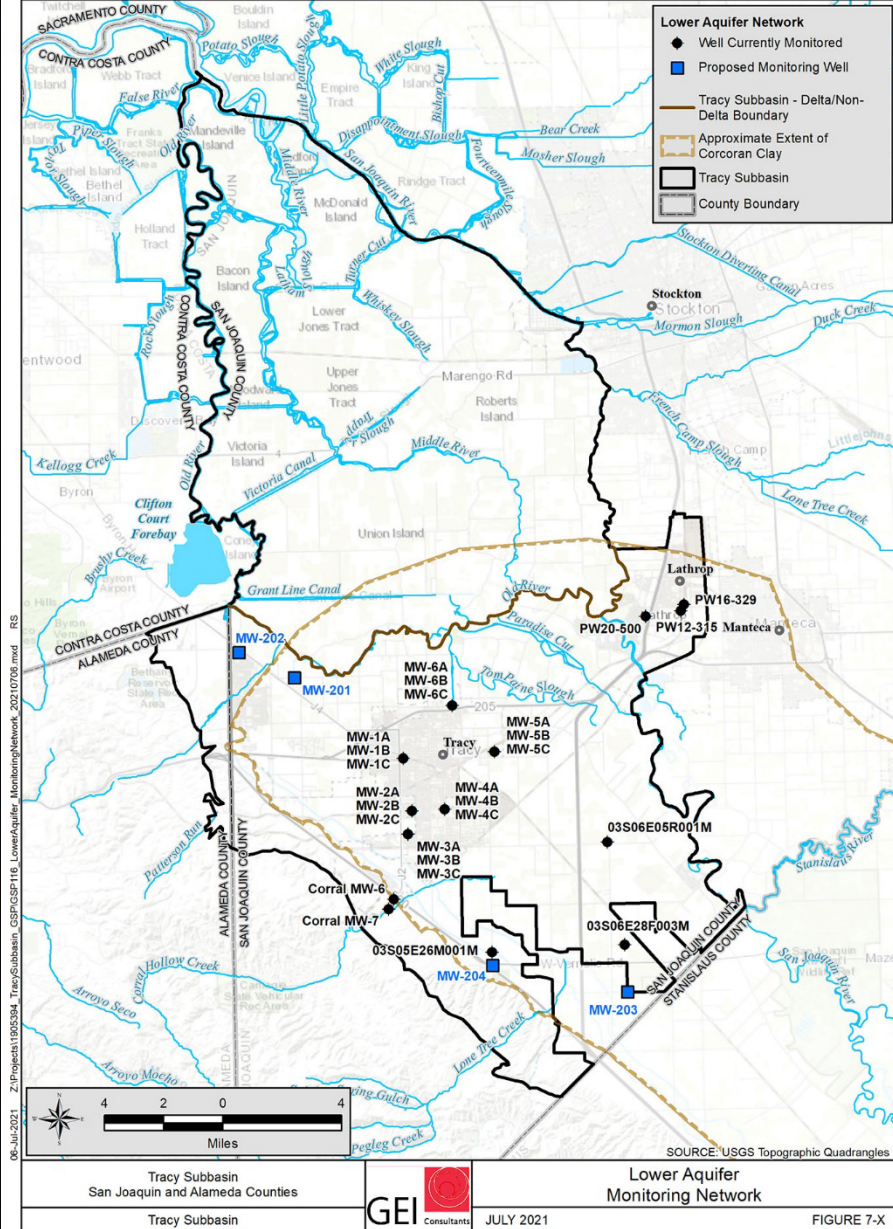
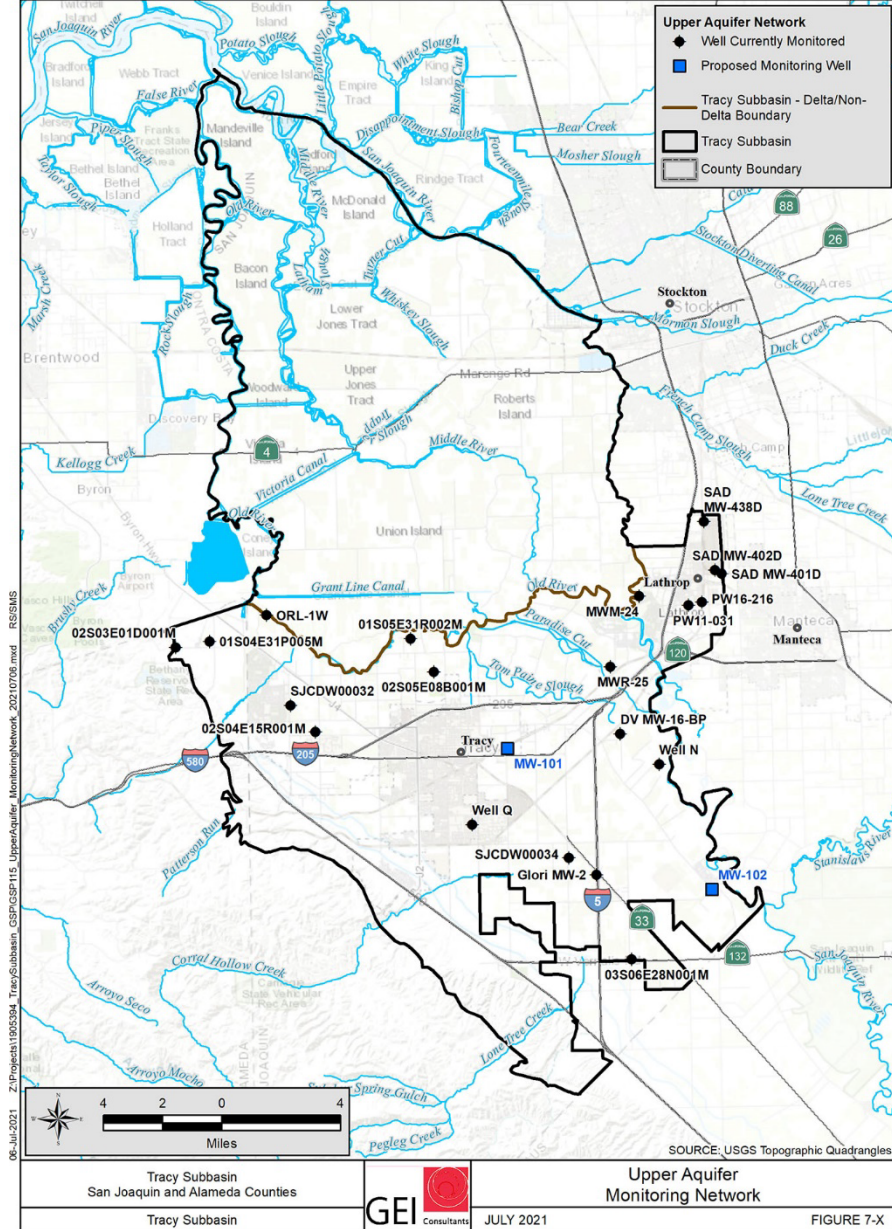
- Draft Estimated Agricultural Groundwater Pumping – Feb 15, 2024 (Tech Comm Meeting)
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- Comments Returned from GSAs to GEI – March 18, 2024
- Comments incorporated and discussed at March 21, 2024 Technical Committee meeting, Action Item: Approval to Submit to DWR
- Annual Report Submitted to DWR – week of March 25, 2004
- DWR required Submittal date - April 1, 2024

February 15, 2024

Item C.2.

Technical Support Services (TSS)





Current Status

- Construction of MW-204 to be completed end of this week.
- Drill rig to be moved to northern California, but if this is delayed mobilize to MW-202
- MW-101 waiting on signature to DWR agreements
- Submittal to SJCEMD by February 16, 2024 (MW-201 and -202)

Monitoring Well Name	Agency	DWR Agreement Signed	Permit Status				
			Draft Permit	Draft Workplan	DWR to acquire Drilling Contractor Signature	Submit to SJCEHD	Permit Approved
MW-101	City of Tracy		X	X			
MW-102	BCID	Land to be acquired					
MW-201	BBID						
MW-202	Mtn. House	X					
MW-203	BCID	X	X	X	X	X	X
MW-204	BCID	X	X	X			