

# Tracy Subbasin Technical Committee Meeting

Thursday, March 18, 2021  
1:00 PM to 3:00 PM

## Teleconference Meeting Only

Teleconference Link: <https://stantec.zoom.us/j/92863298104>

Phone Number: +1 (669) 900-6833

Meeting ID: 928-632-981-04#

### **NOTICE: CORONAVIRUS COVID-19**

On March 18, 2020, Governor Gavin Newsom issued Executive Order N-29-20 recognizing that COVID 19 continues to spread throughout our community resulting in serious and ongoing economic harm. Governor Newsom has therefore waived certain requirements of the Ralph M. Brown Act relating to public participation and attendance at public meetings.

Based on guidance from the California Department of Public Health and the California Governor's Officer, **effective immediately** and while social distancing measures are imposed, members of the Tracy Subbasin Groundwater Sustainability Agencies and staff will be participating in this meeting remotely from multiple locations. In order to minimize the spread of the COVID 19 virus, 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**

Member 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.***

#### **PUBLIC COMMENT**

If you wish to make a comment on a specific agenda item, please submit your comment via email by 5:00 p.m. on the Wednesday prior to the meeting. Please submit your comment via email to Michael Callahan, San Joaquin County, at [mcallahan@sjgov.org](mailto:mcallahan@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 1 (209) 468-3089 at least 48 hours prior to the start of the meeting.

**AGENDA**

- I. Opening of Meeting/Roll Call**
- II. Scheduled Items**
  - A. Review of February 18 Coordination Committee Meetings Minutes – *Discussion Item*
  - B. Public Outreach and Engagement Activities – *Discussion Item*
  - C. Approval to Release Draft GSP Chapters 7 (Management Areas), 8 (Monitoring Networks), and 9 (Sustainable Management Criteria) for Public Review – *Action Item*
  - D. Projected Water Budgets With and Without Climate Change – *Discussion Item*
  - E. Projects and Management Actions – *Discussion Item*
  - F. Groundwater Sustainability Plan Development Schedule – *Discussion Item*
- III. Public Comment**
- IV. Agency Comments**
- V. Next Technical Committee Meeting – April 15, 2021**
- VI. Adjournment**

# **Tracy Subbasin Groundwater Sustainability Plan Coordination Committee Meeting**

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**1:00 PM to 3:00 PM**

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## **MINUTES**

### **I. Opening of Meeting/Roll Call**

The meeting was called to order at 1:06 PM.

Roll call found the following Groundwater Sustainability Agency (GSA) representatives present via teleconference:

- David Weisenberger, Banta-Carbona Irrigation District GSA
- Greg Gibson, City of Lathrop GSA
- Lea Emmons, City of Tracy GSA
- Matt Zidar, San Joaquin County GSA
- Ryan Alameda, Stewart Tract GSA

Other Attendees:

- Nick Janes, Byron-Bethany Irrigation District GSA
- Bill Brewster, California Department of Water Resources (DWR)
- Ashlee Casey, GEI
- Mike Cornelius, GEI
- Richard Shatz, GEI
- George Hartman, Member of the Public
- Kirsten Pringle, Stantec

### **II. Scheduled Items**

- A. Approval of November 19 Coordination Committee Meeting and December 17 and January 21 Technical Committee Meetings Minutes

**RESULT: APPROVED**

**MOVER:** David Weisenberger, Banta-Carbona Irrigation District GSA

**SECONDER:** Matt Zidar, San Joaquin County

**AYES:** Banta-Carbona Irrigation District GSA, City of Lathrop GSA, City of Tracy GSA, San Joaquin County GSA, Stewart Tract GSA

**NOES:** None

**ABSENT:** Byron-Bethany Irrigation District GSA

**ABSTAIN:** None

B. Public Outreach and Engagement Activities

There were updates on public outreach and engagement activities.

C. Summary of Public Comments from January 21 Workshop and Coordination Committee Meeting

Kirsten Pringle, Stantec, provided a summary of GSA and public comments on the draft Sustainable Management Criteria (SMC) provided at the January 21 Groundwater Sustainability Plan (GSP) Coordination Committee Meeting and public workshop. The comments addressed topics such as management areas, groundwater quality, and water quality in the Delta. Greg Gibson, City of Lathrop GSA, requested that the terminology for the management areas be revised to clarify that the Non-Delta area is within the secondary zone of the legal Delta.

D. Status of Draft Groundwater Sustainability Plan Chapters

Richard Shatz, GEI, provided an update on the status of the draft GSP chapters. Mr. Shatz noted that he received draft lists of projects and management actions from the cities of Lathrop and Tracy. Ryan Alameda, Stewart Tract GSA, requested that Mr. Shatz send a summary of comments received on the draft chapters to the GSA representatives.

E. Water Budgets

Ashlee Casey, GEI, presented on the approach to and results of the historical water budget analysis. Discussion topics included the approach to selecting the base period, historical inflows and outflows, and differences in the historical

water budget in the two management areas. The initial modeling results show an approximate 130,000 acre-feet (AF) cumulative gain during the 2003 – 2013 base period. The average annual change in storage was 12,230 acre-feet per year. Deep percolation was the largest inflow. Pumping was the biggest outflow. Subsurface flows also contributed to both inflows and outflows. Ms. Casey noted that outflows were generally consistent in the two management areas; however, inflows were different. The C2VSIM model shows greater pumping occurring in the Delta Management Area and increased subsurface outflows in the Non-Delta Management Area.

Mr. Gibson asked if the Tracy Subbasin GSAs will need to reconcile differences in inter-basin flows with the adjacent subbasins, and if the change in storage is calculated basin-wide or by management area. Mr. Shatz noted that a majority of the production wells within the subbasin are in the Non-Delta Management Area.

#### F. Projects and Management Actions

Mr. Shatz requested a draft list of project and management actions from each of the GSAs. Mr. Gibson stated that some projects and actions, such as increasing water conservation and the use of recycled water, are accounted for in the baseline, but would contribute to the goals of the GSP. Mr. Gibson requested exploring options to incorporate these types of projects and actions into the GSP.

Greg Young, Byron-Bethany Irrigation District GSA, joined the meeting around 2:00 PM.

#### G. Sustainable Management Criteria

Mr. Shatz provided a summary of GSA comments provided on the draft GSP Chapters 7, 8, and 9. Discussion topics included the nomenclature for the two management areas, wells included in the monitoring network, and the SMC for chronic lowering of groundwater levels and groundwater quality.

Mr. Gibson requested adding clarifying language at the beginning of each chapter explaining how the management areas are defined.

The group discussed the monitoring well operated by the Deuel Vocational Institution, which is closing. Mr. Shatz requested contacts at the Institution to determine whether groundwater monitoring will continue at the location.

Greg Young, Byron-Bethany Irrigation District GSA, requested that the GSP include additional information on how the SMC will be applied to ensure that isolated incidents do not trigger the Minimum Thresholds (MT). Mr. Gibson asked whether wells are provided time to recover prior to groundwater measurements being taken.

Mr. Young stated concerns establishing MTs for chronic lowering of groundwater levels using domestic well depths.

The group discussed the SMC for groundwater quality and decided to set SMC for boron.

#### H. Groundwater Sustainability Plan Development Schedule

There were no updates on the GSP development schedule.

### III. **Public Comment**

There were no comments from members from the public on items not on the agenda.

### IV. **Agency Comments**

The group discussed the key takeaways from the February 18 Joint DWR - State Water Resources Control Board webinar on groundwater sustainability planning.

Mr. Shatz noted that DWR will be conducting Airborne Electromagnetic (AEM) flight surveys. The information from the surveys could provide additional detail on subsurface aquifer layering.

### V. **Next Groundwater Sustainability Plan Coordination Meeting Date – March 25, 2021**

### VI. **Adjournment**

The meeting was adjourned at 2:58 PM.

**DRAFT Tracy Subbasin GSP Preliminary Projects List**

**Date: 3-15-21**

Project No.	Owner	Project Description	Concept	Planned	Complete CEQA/NEPA	In Design	Under Construction	Potential Implementation Time (yrs)	Consider as Potential Project	Potential Recharge (AF)	Potential Cost Capital Cost (\$1,000)	Comments
<b>Upper Aquifer</b>												
U-1	San Joaquin County	Corral Hollow. Conversion of RMC Lonestar gravel pit to stormwater detention basins. Analysis did not include potential recharge benefits to Subbasin	X	X						6,850/2 yrs	\$7,000	CEQA completed in 2004, but would likely have to redo. 2005 cost. Issue with attaction of birds near airport.
U-2	BCID	Service Area Expansion. Conjunctive Use	X									
U-3	Tracy	Stormwater detention basin, in Tracy Hills. Design future detetion basins as percolation basins.	X									
U-4	BBID	Service Area Expansion. Conjunctive Use	X									
U-5	Tracy	Recycled water pipeline extension.	X	X					Possible			Pipeline to extend to treatment plant near airport, water to be dropped into DM canal. Are currently providing Naglee Burke ID, leased from City, water ? Naglee Burke ID uses wells? Expansion of planned turnouts to BBID canals.
U-6	Lathrop	Recycled water expansion	X	X								Ctiy is already in process to expand its use of recycled water under the General Order for RW use for permitted uses such as landscape irrigation, construction, street sweeping, etc.
U-7	Lathrop	Water conservation program expansion	X									City would develop and expand its water conservation program and include as update to its UWMP and other water planning documents
U-8	?	CV-SALTS participation and coordination						50+				Coordinate with CV-SALTS and the CVSC to develop projects to address salinity issues in Tsb
U-9	?	GDE conservation and enhancement										Identify GDEs that are at-risk and develop projects to conserve and enhance them, perhaps in coordination with other environmental/ nature conservancy NGOs.
<b>Lower Aquifer</b>												
L-1	City of Tracy	Expand use of Production Well 8	X	X	X				Possible	1,000		May not have SSJID allocation to inject.
L-2	City of Tracy	Convert Production Wells 5, 7, Lincoln Well to ASR	X						Possible	3,200		Well 5 yes. May not have SSJID allocation to inject.
L-3	City of Tracy	Convert Production Well 6 to ASR	X						Low Possible	1,000		May not have SSJID allocation to inject.
L-4	City of Tracy	New wells equipped for ASR in new development northwest of Tracy	X	X	X				Possible	1,000		May not have SSJID allocation to inject.
L-5	City of Tracy	Convert Production Wells 1 through 4 to ASR	X						Low Possible	4,000		Does not have SSJID pipeline to these wells. Have to modify ASR permit to inject DM water.
L-6	San Joaquin County	Corral Hollow. Conversion of 4 Granite gravel pits to stormwater detention basins. Analysis did not include potential recharge benefits to Subbasin	X							4,900/2 yrs	\$6,000	CEQA completed in 2004, but would likely have to redo. 2005 cost. Issue with attaction of birds near airport.
L-7	San Joaquin County	Lone Tree Creek	X									
L-8	San Joaquin County	Deep Gulch	X									
L-9	?	Mitigate wells that allow cross-contamination between the Upper and Lower aquifers.										Identify wells in Tsb that allow potential cross-contamination between the Upper and Lower aquifers and develop projects to abandon or remediate them

## DRAFT TSb GSP Preliminary Management Actions List

Date: 3-15-21

Project No.	Owner	Management Actions	CEQA Status	Potential Recharge (AF)	Potential Cost (\$1,000)	Comment
Upper Aquifer						
MA-1	County	Surface Water Depletion - Ordinance - Minimum sanitary seal and screen level requirements near rivers.			\$0	Maintains current density and location of wells
MA-2	County	Well permit requirement - Well spacing requirements for high capacity wells. Irrigation and municipal provide location of existing wells within one mile of proposed well. Provide estimate of potential drawdown at wells. If greater than 20 feet, provide mitigation.			\$30	Prevents potential local impacts to domestic well owners
MA-3	Tracy	Modify ASR Permit - to allow injection of treated Delta-Mendota water			\$30	Only to modify permit
MA-4	Tracy	Stormwater detection basin, in Tracy Hills. Design future detention basins as percolation basins.				Modify building codes to require dual use where possible.
MA-5	TSB GSAs	Work with DWR to clean-up and update its well completion report database				
MA-6		Consultations for wells constructed within a 1/2 mile of GSP representative monitoring wells				Prevents potential local exceedance to MTs and not sustaining MOs
Lower Aquifer						
MA-1	?	Update well standards to prohibit construction of wells that allow construction between the upper and lower aquifers				Well standards may already be in-place, but could develop program to further monitor and enforce, perhaps working with the County Environmental Health Dept.
MA-2	?	Work with DWR to clean-up and update its well completion report database				
MA-3		Consultations for wells constructed within a 1/2 mile of GSP representative monitoring wells				Avoid exceedance of MTs