

Tracy Subbasin Groundwater Sustainability Plan Technical Committee Meeting

Thursday, December 17, 2020

1:00 PM to 3:00 PM

Teleconference Meeting Only

Teleconference Link: <https://global.gotomeeting.com/join/280332525>

Phone Number: +1 (646) 749-3112

Access Code: 280-332-525

AGENDA

I. Introductions

II. Scheduled Items

- A. Review of November 19 Groundwater Sustainability Plan Coordination Meeting Minutes – *Discussion Item (5 min)*
- B. Discussion on Pending Consolidation of West Irrigation District and Byron-Bethany Irrigation District – *Discussion Item (10 min)*
- C. Update on Draft Chapter 5 Release – *Discussion Item (5 min)*
- D. Public Outreach and Engagement Activities – *Discussion Item (10 min)*
- E. Update on Delta-Mendota Subbasin Groundwater Contouring Wells – *Discussion Item (5 min)*
- F. Update on DWR Monitoring Wells– *Discussion Item (5 min)*
- G. Discussion on Chapter 9, Sustainable Management Goals, Criteria, and Thresholds – *Discussion Item (30 min)*
- H. Discussion on Chapter 6, Water Budgets – *Discussion Item (5 min)*
- I. Discussion on Chapter 10, Projects and Management Actions – *Discussion Item (20 min)*
- J. Discussion on Groundwater Sustainability Plan Development Status and Schedule – *Discussion Item (5 min)*

III. Public Comment

IV. Agency Comments

V. Next Groundwater Sustainability Plan Technical Committee Coordination Meeting and Public Workshop Date – January 21, 2020

Tracy Subbasin Groundwater Sustainability Plan Coordination Meeting

Thursday, November 19, 2020

1:00 PM to 3:00 PM

Teleconference Meeting Only

Teleconference Link: <https://global.gotomeeting.com/join/773528605>

Call-In Number: +1 (224) 501-3412

Access Code: 773-528-605

MINUTES

I. Opening of Meeting/Roll Call

The meeting was called to order at 1:02 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
- Lemar Saffi, City of Tracy GSA
- Michael Callahan, 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)
- Richard Shatz, GEI
- George Hartman, Member of the Public
- Hamid Parsa, Mountain House Community Services District
- Nader Shareghi, Mountain House Community Services District

II. Scheduled Items

- A. Approval of August 20 GSP Coordination Meeting and September 17 and October 15 Technical Committee Meetings Minutes

RESULT: APPROVED

MOVER: David Weisenberger, Banta-Carbona Irrigation District GSA

SECONDER: Ryan Alameda, Stewart Tract

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

NOES: None

ABSENT: Byron-Bethany Irrigation District GSA, City of Lathrop GSA, West Side Irrigation District GSA

ABSTAIN: None

B. Public Outreach and Engagement Activities

Kirsten Pringle, Stantec, provided updates on the status of the Tracy Subbasin newsletter, next public workshop, and website revisions. Ms. Pringle stated that the date for the next workshop will be Thursday, January 21, 2020.

C. Approval to Post Draft Groundwater Sustainability Plan Chapter 5 for Public Review

Richard Shatz, GEI, stated that comments from the GSA representatives were incorporated into the draft Groundwater Sustainability Plan (GSP) Chapter 5. George Hartman asked if data from the Open ET project is being used to develop the subbasin water balance.

RESULT: APPROVED

MOVER: Matt Zidar, San Joaquin County

SECONDER: Lemar Saffi, City of Tracy

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

NOES: None

ABSENT: Byron-Bethany Irrigation District GSA, City of Lathrop GSA, West Side Irrigation District GSA

ABSTAIN: None

Following the motion, Mr. Shatz and Ms. Pringle noted that the chapter will be available for public review and comment for 30 days on the Tracy Subbasin website.

D. Discussion on DWR Monitoring Wells

Mr. Shatz stated that DWR is in the process of reassigning CASGEM wells and considering destroying some monitoring wells located in the Tracy Subbasin. In the Delta region of the subbasin, there are eight shallow wells and four deep wells identified for elimination or destruction. Mr. Shatz recommended eliminating the shallow wells and two the deep wells and keeping the remaining two deep wells. Mr. Hartman asked for clarification on the purpose of the monitoring wells in the tidal Delta. Bill Brewster, DWR, asked if the information from the wells has been used to develop the subbasin model or water balance. Greg Gibson, City of Lathrop, asked if they could wait to decide on the wells until the representative monitoring network was developed. The GSA representatives decided to wait to decide whether to keep or eliminate the wells until the GSP is further developed.

Mr. Shatz stated that there is also wells in the non-Delta area of the subbasin that DWR is considering eliminating. Mr. Shatz recommended asking DWR to continue monitoring one of the wells. Matt Zidar, San Joaquin County, agreed that the well should be kept.

Mr. Shatz provided an overview of purpose, discussion, and next steps from inter-basin coordination meeting with Delta-Mendota Subbasin held on November 6. He recommended pursuing an additional well in the southern portion of the subbasin bear the boundary with the Delta-Mendota Subbasin. Nader Shareghi, Mountain House Community Services District, noted that there is an existing well near the community of Mountain House installed by a developer that may no longer be used.

E. Discussion on Management Areas, Monitoring Networks, and Sustainable Management Criteria

Mr. Shatz provided an update on the establishment of management areas for the Tracy Subbasin and how other basins are addressing sustainable management criteria for the portions of the basins in the Delta. Mr. Hartman asked clarifying questions on how the boundary for the Delta area was set.

Mr. Shatz provided an overview of Sustainable Management Criteria and the approach for setting minimum thresholds and measurable objectives.

Mr. Shatz described the purpose of the representative monitoring network and approach for selecting the representative monitoring wells. This approach includes using groundwater levels as proxy and selecting wells to monitor groundwater levels for sensitive beneficial users for each principal aquifer. This would entail monitoring in areas of the subbasin near groundwater dependent ecosystems; domestic well owners, particularly in disadvantaged communities; areas solely dependent on groundwater; and surface water bodies. In addition, monitoring would be conducted for groundwater levels in the lower aquifer. Mr. Shatz noted that in many cases the wells will be monitored for multiple purposes.

F. Discussion on Groundwater Sustainability Plan Development Status and Schedule

Mr. Shatz provided an update 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**

There were no agency comments from the GSA representatives.

V. **Next Groundwater Sustainability Plan Coordination Meeting Date – December 17, 2020**

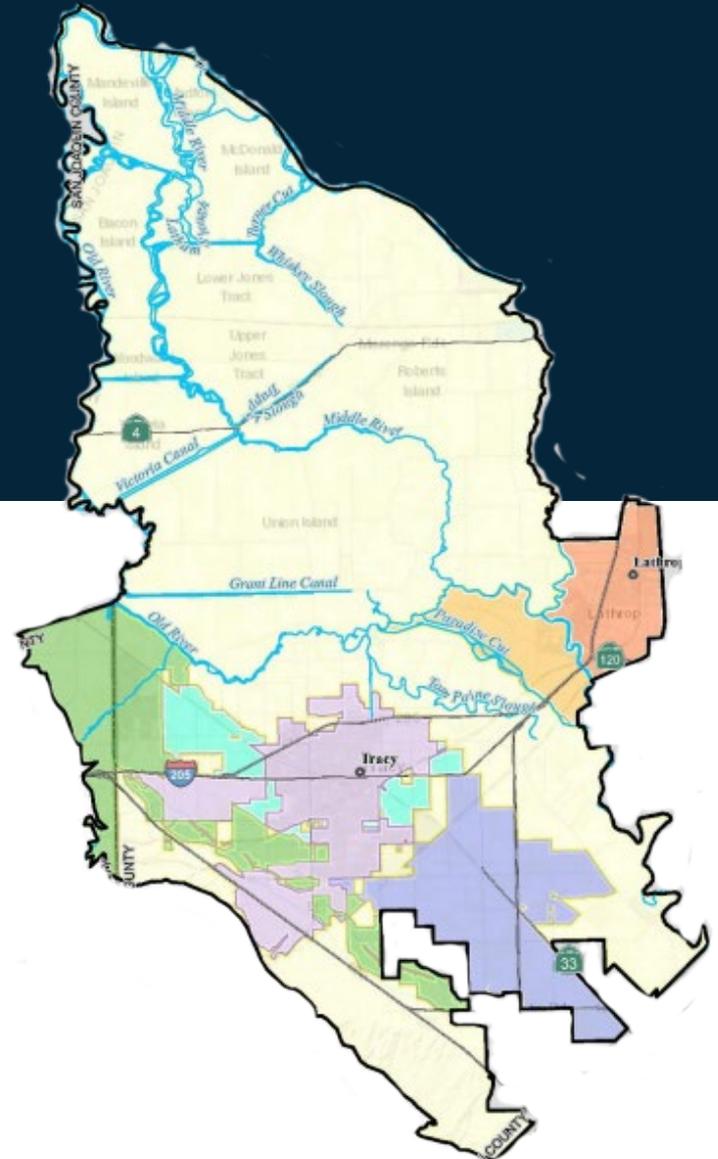
Mr. Pringle noted that the next GSP Coordination Meeting is on December 17 and will focus on sustainable management criteria.

VI. **Adjournment**

The meeting was adjourned at 2:45 PM.

December 17, 2020

Tracy Subbasin Technical Committee Meeting

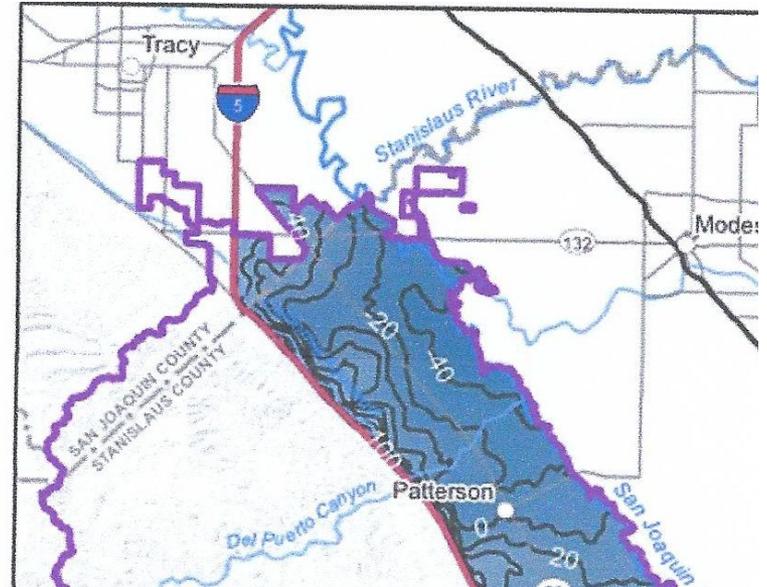


Item E

Update on Delta-Mendota Subbasin Groundwater
Contouring Wells

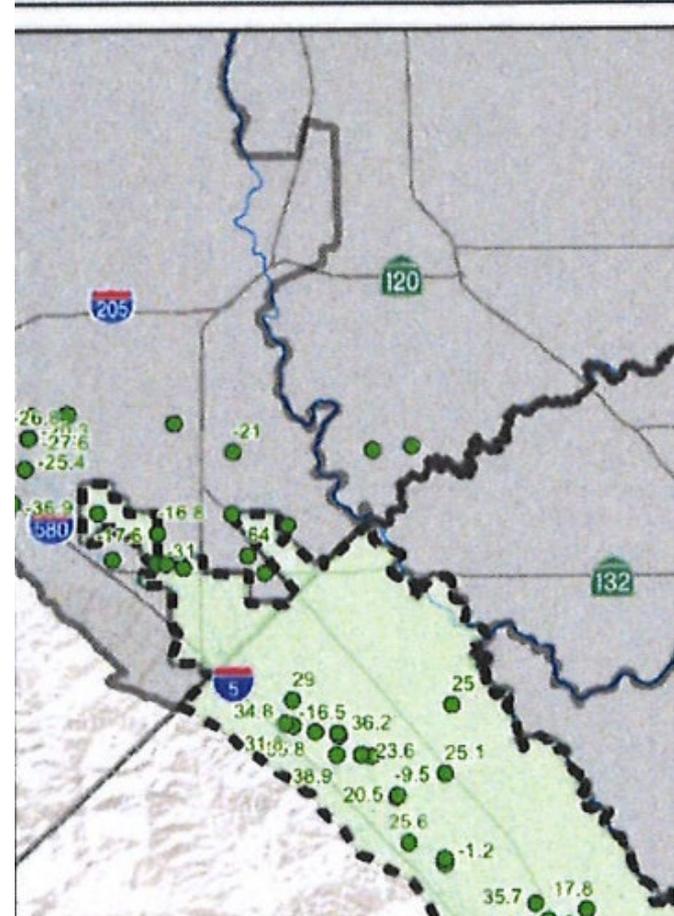
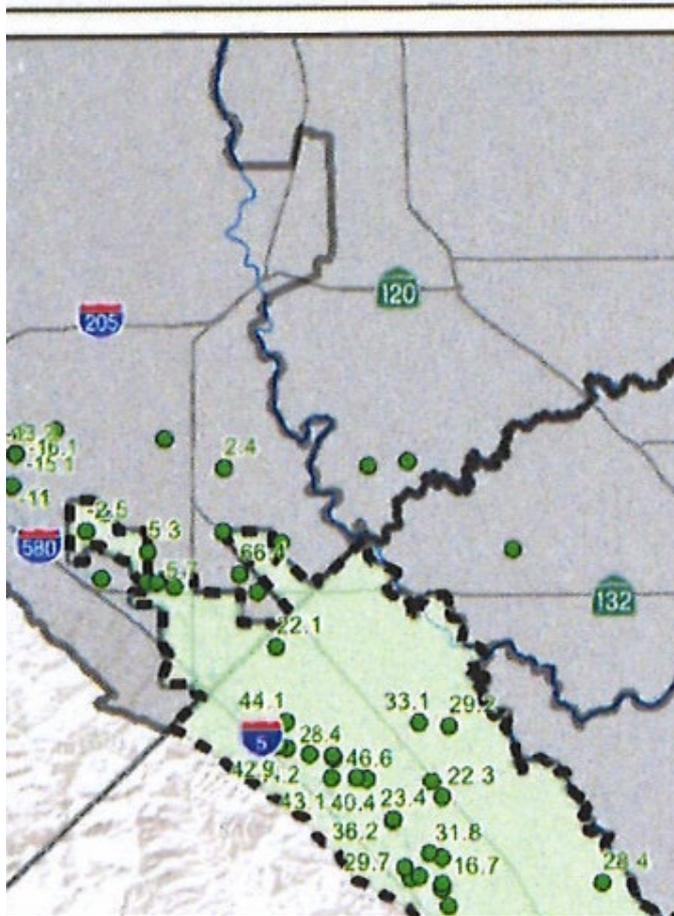
Update on Delta-Mendota Subbasin Groundwater Contouring Wells

- Issue: Resolve groundwater flow directions at subbasin boundary jointly
 - Steep Contours – 60 difference at northern Delta-Mendota Subbasin area
 - Flow from Tracy Subbasin into northern Delta-Mendota Subbasin
- Status: Ongoing



Groundwater Contours – Delta-Mendota Subbasin Lower Aquifer

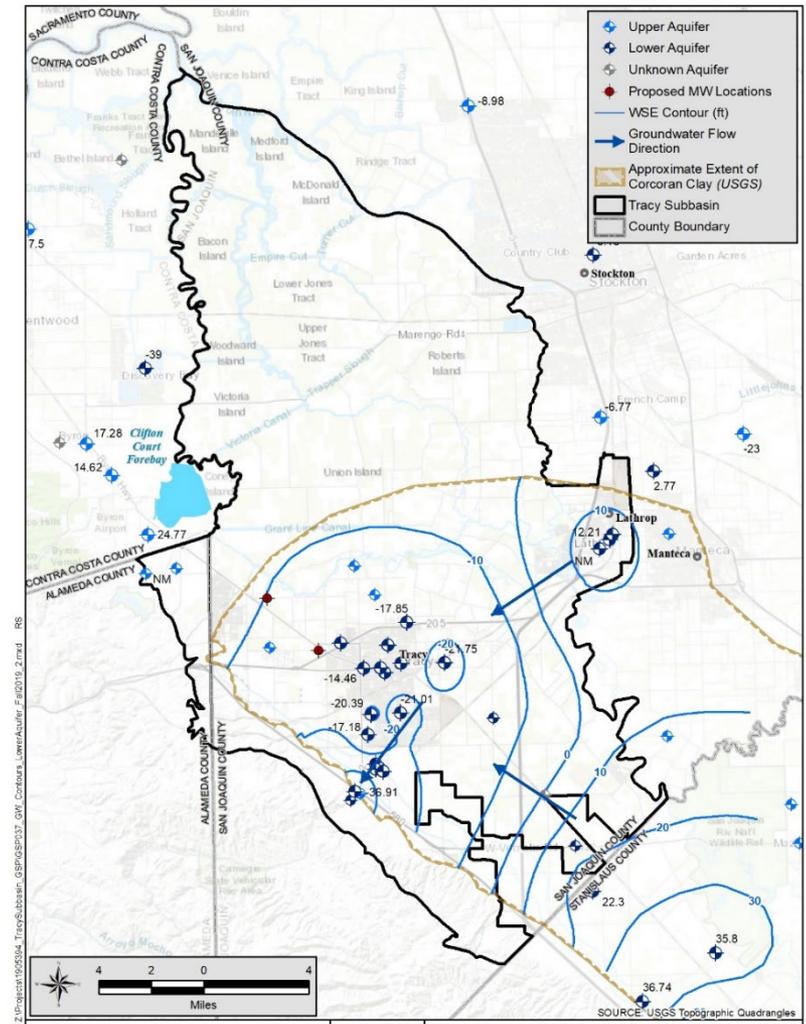
Spring
and Fall
2019



Tracy Subbasin

Lower Aquifer Contours

- What Has Been Done
 - Asked for list of upper and lower aquifer wells used for contouring and annual reporting
 - Pointed to specific well to for consideration
- Status: Ongoing



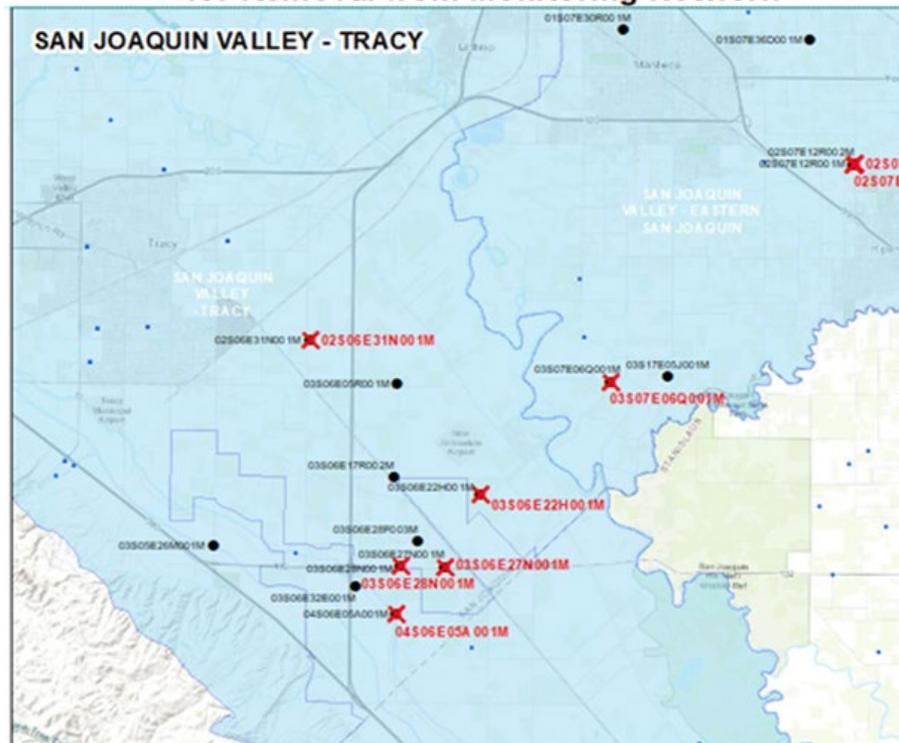
Item F

Update on DWR Monitoring Wells

Update on DWR Monitoring Wells

Well Number (SWN)	Reason For Dropping Well	Accessible to Camera? Yes/No	Basin or Subbasin	Basin	Well Use Type	Perforation	Years Monitored	Local Well Name
04S06E05A001M	No WCR	No	Delta-Mendota	San Joaquin Valley	Unknown		59.3	<Null>
02S06E31N001M	No WCR	No	Tracy	San Joaquin Valley	Irrigation	50	500	63.9 02S06E31N001
03S06E22H001M	No WCR	No	Tracy	San Joaquin Valley	Unknown		60.3	<Null>
03S06E27N001M	No WCR	Yes	Tracy	San Joaquin Valley	Residential	100	300	8.3 03S06E27N001
03S06E28N001M	No WCR	No	Tracy	San Joaquin Valley	Unknown	107	128	7.2 <Null>

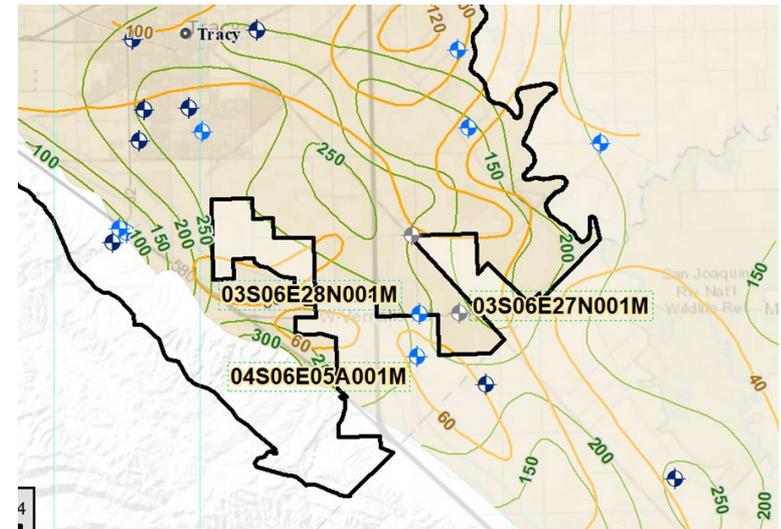
Map of DWR Monitored Wells and Wells Selected for Removal from Monitoring Network



Tracy Subbasin

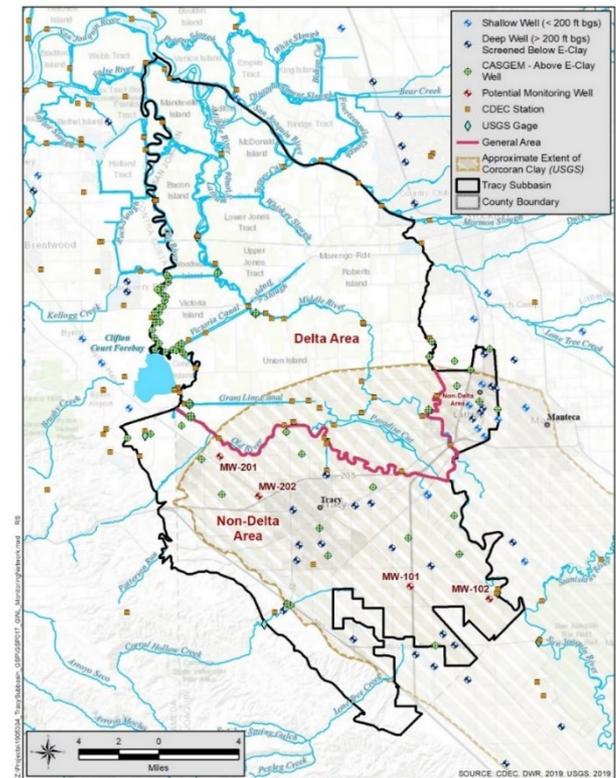
Steps Required to Keep Monitoring Wells

1. BCID - Talk to the property owner and get them to sign a Temporary Entry Permit document (DWR to provide sample)
2. Supply DWR with a written document certifying the minimum well construction details
 - Must be done by a well driller or professional geologist
 - Can be done via video logging or tagging
 - May be on pump installer daily report



DWR Monitoring Wells – Next Steps

- BCID contact landowner(s)
- Obtain access agreement from either County or DWR
- Get well depth
- Obtain property owner signature



Item J

Discussion on GSP Development Schedule

GSP Development Status

GSA Internal Review Schedule TSb GSP		
Revision Date: November 12, 2020		
GSP Development/Chapters	Start Date	End Date
Intent to Prepare a GSP (Tracy and Lathrop)		
Chapter 1: Introduction	3/10/20	4/9/20
Chapter 2: Agency Information		
Chapter 3: Description of Plan Area		
Chapter 4: Hydrogeologic Conceptual Model	5/9/20	6/8/20
Chapter 5: Groundwater Conditions		
Chapter 7: Management Areas	12/15/20	1/15/20
Chapter 8: Monitoring Network		
Chapter 9: Sustainability Criteria and Goals		
Chapter 6: Water Budgets		
Chapter 10: Projects and Management Actions	2/1/21	2/28/21
Chapter 11: Notice and Communications		
Public Draft GSP Review	5/18/21	6/17/21
Review Draft GSP with Public Comments	9/1/21	9/8/21
90 Day Notice of Intent to Adopt	6/25/21	9/23/21
Adoption by each GSA	9/24/21	11/23/21
Release to DWR	11/24/21	11/26/21
Regulatory Final Date to Submit		1/31/22

Proposed Public Workshops	Proposed Public GSP Review	
	Start Date	End Date
Proposed Public Workshops Mar 3 (Tracy) Mar 9 (Lathrop)		
Jul-20	7/7/20	8/6/20
Jan-21	1/21/21	2/28/21
Mar-21	3/17/21	4/15/21
Jul-21	7/18/21	8/17/21