



Meeting Summary: ECC GSP

East Contra Costa GSP Model Meeting

When: Thursday June 9, 2021, 10:00 a.m. to 11:00 a.m.

Where: Zoom call

Attendees: Aaron Trott, Dan Muelrath, Debbie Cannon, Faithe Lovelace, Jackson Cook, James Wolfe, Lisa Beutler, Maggie Dunton, Marilyn Tiernan, Megan, Murray, Nacho Mendoza, Paul Seger, Ryan Hernandez, Scott Buenting, Tom Elson, Vicki Kretsinger

ACTION ITEMS June 2021

ITEM	OWNER	DUE
1. Check to see if DWR has plans to release a transport model that is compatible with the current ECC Model	Jackson Cook	Done
2. Provide budget for a transport model development	LSCE	July 14th
3. What are mechanisms for drains in model?	LSCE	July 14th
4. Provide model input for GSA wells.	LSCE	Done

1. **Meeting Summary** Tom provided a recap on the ECC groundwater flow model from May 27th presentation and updates on GSP Sections 6-8.
 - a. Tom asked the group if they would be fine posting the model presentation to the ECC website.
 - i. Ryan and Dan were in favor and no others objected.
 - b. Tom informed the group that the sea level rise estimates used in the ECC modeling and water budgeting and those employed by the Delta Conservancy are from the same National Research Council (NRC) source. Per DWR guidance, the ECC model uses a guidance that is based on the median estimates for sea level rise.
 - c. Tom reported that bid prices have been requested to install new monitoring wells at two Shallow Zone data gap sites located with DWD and TODB service areas. The Antioch site and a proposed monitoring well site along Old River is planned to be installed late summer.
 - i. Dan asked if we are not able to find a suitable site along Old River if we might install one near the Byron Airport. Dan let the group know DWD is concerned about contamination being mobilized at that location and negatively impacting water supply in other GSAs.
 1. Ryan informed the group that the Environmental Impact Report is not yet available to the public. He stated that the report will include a Water Supply Assessment. He also provided contact information for the Planner (Daniel Barrios, Senior Planner) of the airport expansion project for any follow up questions by GSAs.
 - a. Email: daniel.barrios@dcd.cccounty.us
 - b. Phone Number: 925-655-2901

2. Tom let the group know that depending on bid results, an additional Shallow Zone well in the airport vicinity might be possible under the project budget and if the GSAs prioritize it.
 2. Debbie gave an overview of the schedule for finalizing the GSP.
 - a. Ryan said the GSAs will be having a final meeting regarding implementation costs and will provide comments to LSCE.
 3. Lisa gave updates on the Public Meeting on June 23rd, let the group know the time has changed to 3:30 to 5:30.
 - a. Ryan provided notice to various newspapers local to ECC regarding the public meeting.
 - i. Paul Seger (DWD) requested that the notice be sent to him for background leading up to the June 23rd public meeting.
 - b. Lisa let the group know that DWD uses inserts in customer bills for public outreach and has already received feedback and interest for meeting.
 - c. Lisa encouraged GSAs to get Board members to participate in the Public Meeting.
 - i. Paul will participate and be one of the speakers representing elected officials.
 - ii. Ryan is working with Supervisor Burgis to participate.
 - d. Lisa and Megan have created generalized and tailored emails regarding the public meeting for the various interested parties in the Subbasin.
 - i. Paul requested to see the emails and also cited the way that the North American Subbasin website is structured as a model to engage interested parties.
 4. Dan informed the group that a local newspaper would like to do a follow-up piece on the GSP activities.
 - a. Lisa suggested that an article on AEM and that LSCE might provide maps for the article.
 5. Jackson gave an update on various DWR items.
 - a. DWR has released four assessments of submitted GSPs two of which were approved and two were not approved due to deficiencies.
 - i. DWR has a FAQ sheet and an upcoming webinar on the various regulations: [Registration \(gotowebinar.com\)](https://www.gotowebinar.com)
 - b. The governor's revised budget includes additional funds for GSP implementation.
 - i. Aaron asked for more clarification on funding and Jackson directed the group to the Budget website: [The 2021-22 Budget: Initial Comments on the Governor's May Revision \(ca.gov\)](https://www.ca.gov)
 - ii. Debbie raised the point that the funding was for PMA Implementation and not necessarily general GSP implementation.
 1. Jackson replied that is a question better suited to the grant department, specifically Kelly List.
 6. Next meetings:
 - a. Tuesday June 15th, 11 am to noon, Communications Meeting
 - b. Wednesday June 23rd 3:30-5:30 pm: Public Meeting
 - c. Wednesday June 14th, 10 am to 11:30 am, ECC GSP Working Group



Agenda: ECC GSP
East Contra Costa GSP Working Group and
Communications Committee Meeting
When: Wednesday June 9, 2021, 10:00 a.m. to 11:30 a.m.

Zoom link: <https://zoom.us/j/93403665275?pwd=VTd0N2hFdWcyMFdLT21aVkRKa3A2UT09>

Purpose

1. GSP Sections: Sections 5, 7, 8, 9
2. Outreach and Communications

Agenda

#	Item	Presenter
1.	<p>GSP Updates</p> <ul style="list-style-type: none"> ▪ Draft Section 5-Model <ul style="list-style-type: none"> ▪ Presentation to Working Group on May 27th, 10am. <ul style="list-style-type: none"> • OK to post technical presentation to the website? ▪ Section 5 to GSAs by mid- June ▪ Section 6: New Monitoring Well Location-review of data gap areas ▪ Draft Section 7-Sustainable Management Criteria <ul style="list-style-type: none"> ▪ To GSAs by June 11 ▪ Draft Section 8-Projects and Management Actions- <ul style="list-style-type: none"> ▪ To GSAs by June 11 ▪ Draft Section 9-Plan Implementation: <ul style="list-style-type: none"> ▪ Draft sent to Working Group on May 25th to return by June 15. ▪ Working Group budget and funding meeting status? 	<p style="text-align: center;">Tom</p> <p style="text-align: center;">Ryan</p>
2.	<p>GSP Outreach & Communication:</p> <ul style="list-style-type: none"> • GSA outreach documentation: submit to Stantec--status. • Post Modeling Meeting presentation on ECC GSP website? • Sections 7 and 8 outreach: Post to website Mid-June and need outreach, newspaper, email blast, survey created by Stantec? • Communications meeting Tuesday June 15 11-11:45 to review public meeting agenda. • Public Meeting (Virtual): Wednesday June 23rd, 4-5:30. Presentation on: Sections 3-9) • Website-updates 	<p>Megan/ Lisa/Ryan</p>
3.	<p>GSP Schedule</p> <ul style="list-style-type: none"> • See Table 1 below with current timeline. • NOI to adopt a GSP: DWR states that it is up to the GSAs to decide who to send it to. Sent no later than July 1st. Please provide a copy of the letter(s) and proof of sending (certificate if available?) to Faithe (LSCE). 	<p>Debbie</p>

#	Item	Presenter
4.	Grants <ul style="list-style-type: none"> PR10 was submitted on April 22 and the City of Brentwood signed on April 28th. Payment received? 	Debbie/ James
5.	DWR Updates	Jackson
6.	Upcoming Meetings: Tuesday June 15, 11-11:45 am: Communications Meeting: to review public meeting agenda Wed. June 23rd 4-5:30 pm: Public Virtual Meeting Wed. July 14, 10-11:30 am: GSP Working Group Meeting Mid-September, Public Meeting for final entire GSP	

Table 1 GSP Schedule (6/5/2021)

GSP Section	To GSAs for review	Post to ECC Website	Public Comment Period/ Due Date
1. Introduction to East Contra Costa GSP		April 2020	April to July 2020
2. Plan Area			
3. Basin Setting		October 2020	10/30/2020 to 1/15/2021
4. Historical, Current, and Projected Water Supply		November 2020	11/2020 to 1/15/2021
5. Water Budget	June 14 2021	June 2021	June 2021 to July 2021
6. Monitoring Network, Data Management System and Reporting	Jan 26-Feb 25 2021	April 8, 2021	4/8/2021 to 5/3/2021
7. Sustainable Management Criteria (SMC)	April 25-May 24	June 11 ^a	6/11 to 7/11/2021
8. Projects and Management Actions (PMA)	April 25-May 24	June 11 ^a	6/11 to 7/11/2021
9. Plan Implementation	May 25-June 15		
10. Notice and Communications		July 5, 2021 ^a	7/15/2021 to 8/15/2021
11. References			

90 Day Notice of Intent to Adopt	7/1/2021 to <u>9/28/2021</u>
Public Draft GSP with Public Meeting (all public comments due by 9/30/2021)	9/1/2021 to 9/30/2021
Submit Board package with final GSP	<u>10/15/2021</u>
Board adoption by each GSA and "Public hearing" ^b	11/16/2021 or Dec
Submit to DWR	Final date <u>1/31/2022</u>

Blue text indicates document has been submitted.

a. **Public Outreach:** 1) June 23, 4-5:30 pm virtual public meeting (Section 5 to 9), 2) September 2021 public meeting (entire GSP).

b. All GSAs adopt the same GSP. The GSP cannot be changed after the first GSA adoption. The Board adoption/public hearing will be after final public comments are due (9/30/2021), any comments on the GSP after this date can be made to DWR.

ACTION ITEMS May 2021

ITEM	OWNER	DUE
1. Return comments on Draft Section 8	All GSAs	June 9th
2. Set a Public Meeting Date	Megan/Lisa	Done
3. GSAs provide outreach updates to Lisa Beutler	All Working Group Members	Monthly
4. ECC Subbasin Tribal Outreach	Lisa	June 9
5. Check on list of wells in subbasin (septic database?)	Ryan	June 9th
6. Updated budget with cost details as requested by GSAs	Debbie	Done

Attachment 1 Notice of Intent to Adopt a GSP

Attachment 1

Notice of Intent to adopt a GSP

A GSA may adopt a GSP only after a public hearing is held with at least 90 days' advance notice to the city or county within the area of the proposed plan or amendment.

Regulation:

10728.4. ADOPTION OR AMENDMENT OF PLAN FOLLOWING PUBLIC HEARING

A groundwater sustainability agency may adopt or amend a groundwater sustainability plan after a public hearing, held at least 90 days after providing notice to a city or county within the area of the proposed plan or amendment. The groundwater sustainability agency shall review and consider comments from any city or county that receives notice pursuant to this section and shall consult with a city or county that requests consultation within 30 days of receipt of the notice. Nothing in this section is intended to preclude an agency and a city or county from otherwise consulting or commenting regarding the adoption or amendment of a plan.

Suggested letter of notice to adopt. Example from Paso Robles Subbasin:

GSA Letterhead

Date (before July 1st)

Name (City or county within the area of the proposed plan or amendment)

Address

Subject: Notification of Proposed Groundwater Sustainability Plan for the East Contra Costa Subbasin

Dear ___:

In accordance with California Water Code Section 10728.4, this letter serves as written notification for the East Contra Costa Subbasin – "Name of GSA" (GSA) to adopt a Groundwater Sustainability Plan at the conclusion of a public hearing held at least 90 days from providing this notice. California Water Code Section 10728.4 also requires the GSA to review and consider any comments received from the County in response to this notice, and to consult with the County if requested within thirty days of receipt of this notice.

If you have any questions, please free to contact ____

Sincerely,



East Contra Costa Subbasin GSP Development GSP Status

Working Group Meeting

Tom Elson and Debbie Cannon

LSCE

June 9, 2021

This presentation is for discussion purposes only. The content is preliminary and reflects work-in-progress for the East Contra Costa Subbasin GSP.



- **Water Budget/Modeling (Section 5)**
 - Presentation to Working Group on May 27th
 - OK to post technical presentation to the website?
 - Draft to GSAs by late June
- **New monitoring well installations (Section 6)**
 - Status update
- **Sustainable Management Criteria (Section 7)**
 - Revised draft to website by June 11
- **Projects and Management Actions (Section 8)**
 - Revised draft to website by June 11

Model presentation and other follow-up

1. Provide input pumping to GSAs for verification of extraction rates and sources
2. Check sea level rise assumptions compared to those used by other groups
3. Checking calibration, especially in areas of greatest pumping (i.e., near RMPs)
4. Assessing model for guiding MT selection
5. Internally reviewing **Section 5, Water Budget**

Sustainable Yield Scenario

- Reduced surface water deliveries and increased groundwater pumping until undesirable results arise for sustainability indicator(s)
- Scenarios indicate that basin outflow and stream depletion occur before storage and water level declines

Sustainable yield scenario(s)

Groundwater Budget Flow Component	Base Period (WY 1997-2018)	Water Year 2015	Minimum Annual Base Period Value	Maximum Base Period Value	Future Land Use Scenario (WY 2019-2068)	Sustainable Yield Run: Reduce SW Deliveries by 75%	Sustainable Yield Run: Reduce SW Deliveries by 50%	Sustainable Yield Run: Reduce SW Deliveries by 48%	Sustainable Yield Run: Reduce SW Deliveries by 45%	Sustainable Yield Run: Reduce SW Deliveries by 40%
Drains	-68,460	-62,757	-108,993	-51,735	-83,060	-33,823	-56,134	-54,585	-54,355	-56,523
Surface Water Features										
Deep Percolation	18,560	25,480	10,135	31,887	12,591	28,728	20,075	19,509	18,818	17,644
Small Watershed Baseflow	88,720	93,545	49,915	180,801	94,414	94,152	94,637	94,660	94,691	94,736
Small Watershed Percolation	976	572	498	2,320	880	880	880	880	880	880
Diversion Recoverable Loss	2,260	0	0	26,702	2,051	2,051	2,051	2,051	2,051	2,051
Pumping	17,779	17,081	14,568	22,330	16,969	6,965	11,514	11,866	12,319	13,096
Net Subsurface Flow										
Net Storage Change	-53,961	-51,691	-64,017	-38,557	-29,095	-117,559	-77,601	-74,504	-70,526	-63,694
	-7,197	-7,362	-14,840	-2,972	-12,895	11,656	-2,208	-3,057	-4,077	-5,767
	-199	14,869	-43,310	63,407	3,119	-241	1,979	2,091	2,234	2,464

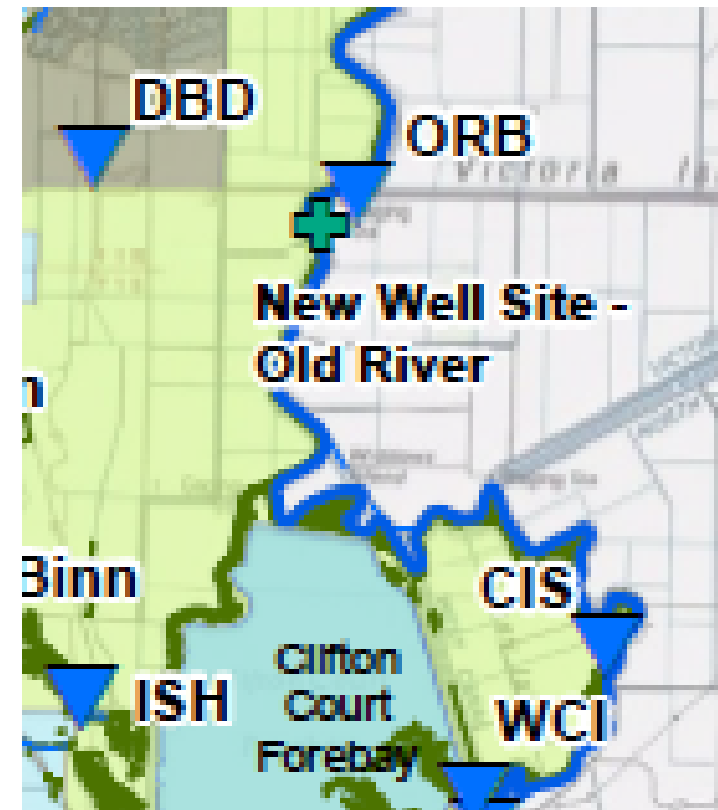
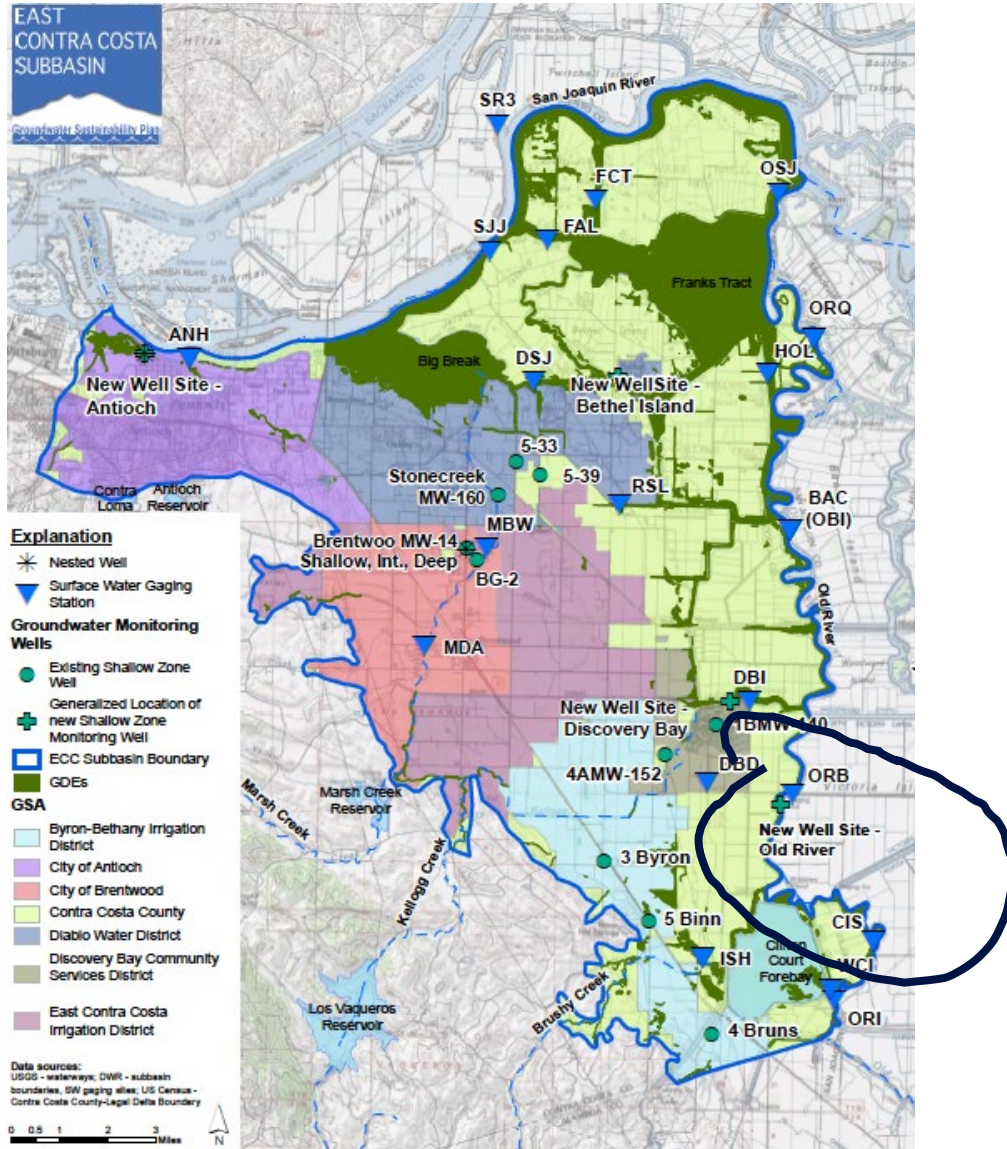
Sustainable Yield Estimate = 74,500 AFY
(with urban land use growth and a reduction of SW deliveries by 48%)

New monitoring well installations

Data gap in shallow zone monitoring (Section 6)

- Three site visits conducted in May
- Design and contracting documents for two installations (DWD and TODB sites) sent to four contractors this week; bids due June 17
- Third and fourth sites to be installed later in the year in accordance with funding
- Fourth location TBD

4th Monitoring Well Location



Target location

Sustainable Management Criteria

- Revised version to website by June 11

Section 8 Projects and Management Actions

- Sent revised version on June 7 and asked for 2-day turnaround
- Added transport model project (placeholder)
- Added section on coordination of new well permitting between GSAs and Contra Costa County (tentative – waiting on County review)