

Cosumnes Groundwater Authority
Meeting of the Board of Directors
Agenda

When: 9:00 am – 12:00 pm, Monday, December 19, 2022

Where: Galt Police Department Community Room
455 Industrial Drive
Galt, CA 95632

Zoom: Via Zoom: <https://us02web.zoom.us/j/84089828104>
Meeting ID: 840 8982 8104
Call in Number: 1-669-900-9128

PUBLIC COMMENT – Any member of the public may address the Board concerning any matter on the agenda before or during its consideration of the matter. Public comment is limited to three (3) minutes per person. For good cause, the Board Chair may waive these limitations.

ACCESSIBILITY - If you have a disability and require a reasonable accommodation to fully participate in this event, please contact Austin Miller (CGA Secretary) before the day of the meeting via email [info@CosumnesGroundwater.org] or telephone [916-526-5447] to discuss your accessibility needs.

Call to Order

1. Introductions (*5 minutes*)
 - 1.1. Determine if Quorum is Present
 - 1.2. Agenda Overview
 - 1.3. Three-month look ahead

Action Items

2. Consent Items (*5 minutes*)
 - 2.1. Agenda – December 19, 2022
 - 2.2. Minutes – November 17, 2022
 - 2.3. Minutes – November 21, 2022
 - 2.4. Minutes – December 5, 2022
 - 2.5. Consideration of Findings Related to Remote Meetings Pursuant to AB 361
 - 2.6. Financial Report – December 2022
3. Resolution 2022.12.19.01 – Resolution Honoring Don Nottoli for Service to the Cosumnes Subbasin (5 minutes)
4. Draft Long Term Funding Study Presentation (35 minutes)
5. Outreach and Engagement Update (35 minutes)
6. Board Governance (*15 minutes*)

Informational Items *(15 minutes)*

7. CGA Staff Report
8. DWR North Central Regional Office Update
9. Upcoming Agenda Items
10. Director/Member GSA Comments
11. 2023 CGA Meeting Dates

Public Comment on Non-Agenda Items *(Limit of 3 minutes per speaker.)*

12. Public Comment

Comment will be received for items not on the agenda, but within the jurisdiction of the agency. The Board will hear comment but may not act on issues raised on non-agenda items.

Adjourn Meeting

**Cosumnes Groundwater Authority
Board of Directors Meeting**

Meeting Minutes
November 17, 2022 - 9:00am

Call to Order: 3:05 pm

- 1) Introductions / Determine if Quorum is Present
 - a. Directors in Attendance: Rick Wohle, Herb Garms, Gary Thomas, Mike Selling, Leo VanWarmerdam
- 2) Public Comment
- 3) Cosumnes Groundwater Authority's Grant Application for the California Department of Water Resources Sustainable Groundwater Management Grant Program Round 2 Funding
The Board provided direction on the development of the CGA grant application.

Adjourn Meeting

Vice Char Stretar adjourned the meeting by consensus at 5:03pm

DRAFT

**Cosumnes Groundwater Authority
Board of Directors Meeting**

Meeting Minutes
November 21, 2022 - 9:00am

Call to Order: 9:04 am

- 1) Introductions / Determine if Quorum is Present
 - a. Directors in Attendance: Rick Wohle, Don Notolli, Lindsey Carter, Gary Thomas, Mike Selling, Leo VanWarmerdam, Mark Stretars
- 2) Public Comment

Action Items

- 3) Consent Items
 - a. Agenda – November 21, 2022
 - b. Minutes – October 17, 2022
 - c. Consideration of Findings Related to Remote Meetings Pursuant to AB 361
 - d. Financial Report – November 2022

Director Thomas moved to approve all consent items.
Director Wohle seconded the motion.
The motion passed with all in favor.
- 4) Board Elections
The Board discussed officer elections and by consensus agreed to move this item to the December agenda.
- 5) DWR Sustainable Groundwater Management Grant
The Board provided direction on the development of the CGA grant application and directed Staff to schedule a special meeting to finish the application.
- 6) Review of Draft Long Term Funding Study
The Board agreed to move this item to the December regular meeting.
- 7) Outreach and Engagement
The Board agreed to move this item to the December regular meeting.
- 8) Draft Audit Services Request for Proposals
Director Thomas moved to approve the RFP for audit services and directed Staff to prepare received proposals in January 2023.
Director Wohle seconded the motion.
The motion passed with all in favor.
- 9) Delta Conveyance Project Draft EIR
Director Nottoli approved the drafted comment letter on the Delta Conveyance Project Draft EIR.
Director Thomas seconded the motion.

The motion passed with all in favor.

Information Items

10) CGA Staff Report

CGA Staff provided an update on other activities not covered on the agenda.

11) DWR North Central Regional Office Update

DWR Staff provided a monthly update on DWR activities

12) Upcoming Agenda Items

The Board identified the following topics for future discussion:

- Board/Public Comment Process
- Urban Community Drought Relief Grant
- Outreach (Farmer Survey)

13) Director Comments

Adjourn Meeting

Vice Chair Stretars adjourned the meeting by consensus at 12:11pm

DRAFT

**Cosumnes Groundwater Authority
Board of Directors Meeting**

Meeting Minutes
December 5, 2022 - 9:00am

Call to Order: 9:05 am

- 1) Introductions / Determine if Quorum is Present
 - a. Directors in Attendance: Rick Wohle, Don Nottoli, Lindsey Cartner, Gary Thomas, Jay Vandenburg, Leo VanWarmerdam
- 2) Public Comment
- 3) Cosumnes Groundwater Authority's Grant Application for the California Department of Water Resources Sustainable Groundwater Management Grant Program Round 2 Funding
 - a. Resolution 2022.12.06 – Resolution Authorizing CGA to Submit a DWR Grant
*Director Vandenburg moved to adopt Resolution 2022.12.05.
Director Thomas seconded the motion.
The motion passed with all in favor.*

Adjourn Meeting

Chair Carter adjourned the meeting by consensus at 10:58am

Cosumnes Groundwater Authority

Financial Report

December 2022

<u>Expenses</u>		
Description	Vendor	Amount
Staff Support (SRCD, November)	Sloughhouse RCD	\$ 6,400.00
Staff Support (SSCAWA, November)	SSCAWA	\$ 6,380.00
Legal Services (Novemeber)	Downey Brand	\$ 5,851.50
Monitoring Professional Services (November)	MLJ Environmental	\$ 1,092.50
Technical Support - Annual Report	EKI Environmental	\$ 3,861.00
Technical Support - Project Scoping	EKI Environmental	\$ 4,722.00
Fee Study Development	SCI Consulting	
Total Monthly Expenses		\$ 28,307.00

<u>Revenue</u>		
Description	Source	Amount
Total Monthly Revenue		\$ -

Monthly Change	\$	(28,307.00)
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**Cosumnes Groundwater Authority
Board of Directors Meeting**

Agenda Date: December 19th, 2022

Agenda Item #: 3
Agenda Item Subject: Resolution Recognizing Don Nottoli's Service

To: CGA Board of Directors
From: CGA Staff

Background

- After 28 years of service on the County of Sacramento's Board of Supervisors, Don Nottoli will be retiring.
- Supervisor Nottoli has been a strong advocate for the Cosumnes Subbasin since before implementation of the Sustainable Groundwater Management Act.
- District 5 Supervisor-elect Pat Hume will be sworn into office on January 10, 2023.

Staff Recommendation

- Approve Resolution 2022.12.19.01 Honoring Don Nottoli for Service to the Cosumnes Subbasin.

**BOARD OF DIRECTORS
COSUMNES GROUNDWATER AUTHORITY**

RESOLUTION NO. 2022-12.19.01

HONORING DON NOTTOLI FOR HIS SERVICE TO THE COSUMNES SUBBASIN

WHEREAS, the State of California adopted the Sustainable Groundwater Management Act legislation which became effective in 2015, and

WHEREAS, under the leadership of **Don Nottoli**, Sacramento County has placed a high priority on Countywide groundwater management and empowering local agencies to play an active role in the process, and

WHEREAS, Sacramento County created the position of Groundwater Sustainability Manager to facilitate groundwater management in the four subbasins that are within the county, and

WHEREAS, Don engaged in groundwater issues in the Cosumnes Subbasin, and participated in the formation of the Cosumnes Subbasin Working Group, and

WHEREAS, Don continuously provided County resources, both financial and personnel, to the collaborative effort of developing a Groundwater Sustainability Plan (GSP) and funding plan for the Cosumnes Subbasin, and

WHEREAS, Don's dedication has been an optimistic example for the entire subbasin, and

WHEREAS, Don's leadership and engagement in the development of the Cosumnes GSP is a large part of the reason for the success in this Subbasin, and

WHEREAS, Don Nottoli has served on the County of Sacramento Board of Supervisors since 1994, dedicating more than 28 years to the constituents of South Sacramento County, and

WHEREAS, Don helped develop the Cosumnes Groundwater Authority (CGA), and has served on the CGA Board since its inception.

NOW, THEREFORE, the Cosumnes Groundwater Authority congratulates **Don Nottoli** on his well-deserved retirement from County service and recognizes his outstanding contribution to the Cosumnes Subbasin and to sustainable groundwater management Countywide. The CGA wishes to thank Don for his service and wish for happiness and health as he begins his retirement adventure.

PASSED AND ADOPTED by the Board of Directors of the Cosumnes Groundwater Authority, this 19th day of December, 2022, by the following vote:

AYES:

NOES:

ABSENT:

CGA Secretary - Austin Miller

CGA Chair – Lindsey Carter

**Cosumnes Groundwater Authority
Board of Directors Meeting**

Agenda Date: December 19th, 2022

Agenda Item #: 4

Agenda Item Subject: Long Term Funding

To: CGA Board of Directors

From: CGA Staff

Background

Ryan Aston with SCI Consulting gave an introductory presentation on the development of a fee study at a CGA Board Workshop in October. Following that workshop, Mr. Aston and the SCI Consulting team have worked with CGA Staff to put together a first draft of a funding study for the Cosumnes Subbasin. While important feedback was provided at the October Workshop, CGA has not yet decided on an approach to a potential new fee structure. Therefore, the draft funding study provides multiple options intended to be further refined by the CGA Board.

Attachments

- Draft Cosumnes Subbasin Funding Study Presentation (SCI Consulting)

Staff Recommendation

- Provide direction on the Draft Cosumnes Subbasin Funding Study development.

Cosumnes Groundwater Authority

Draft Fee Structures



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Presentation Goals

- Provide the Board with high-level estimates of potential rates
- Solicit feedback from the Board on a preference of methodology going forward
- Discuss any other relevant preferences the Board has pertaining to fee structure

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Update on Progress

- SCI team is developing the database that will be used to inform the fee methodology
- CGA Staff has provided a draft budget through fiscal year 2026-27
 - Draft budget adapted from GSP based on recent Board discussions
- Today’s draft fee structures reflect this draft budget and the database as they stand today
 - Both will be honed and refined in the coming months

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Cosumnes Groundwater Authority Draft Budget

Draft Long Term Cosumnes Groundwater Authority Expenses				
Activity	FY23-24	FY24-25	FY25-26	FY26-27 (GSP Year 5)
Regulatory and Operational Expenses				
Funding Exploration	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000
Monitoring	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
Data Management System	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Public Outreach	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Legal	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
Financial Audit	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
Personnel	\$ 175,000	\$ 175,000	\$ 175,000	\$ 175,000
Data Gaps	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
Annual Report	\$ 48,000	\$ 48,000	\$ 48,000	\$ 48,000
5-Year Update	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Address State Comments	\$ 50,000	\$ -	\$ -	\$ -
Post-GSP Fee Establishment	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Misc.	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Contingency	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
Regulatory and Operational Expenses Totals	\$ 528,000	\$ 478,000	\$ 478,000	\$ 478,000
Projects and Management Actions Expenses				
Supply Augmentation	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000
Demand Management	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
Other PMAs	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
Projects and Management Actions Expenses Totals	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000
Total Estimated Expenses	\$ 1,128,000	\$ 1,078,000	\$ 1,078,000	\$ 1,078,000

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Data

- Irrigated acreage is estimated using LandIQ’s 2019 dataset
- Estimated pumping is derived from the CoSANA Model
 - Model uncertainty is +/- 20%, we are working to refine this data
- Data will be applied at the parcel level in the coming months

Source Data
FY 23-24 Revenue Need: \$1,128,000
Total Irrigated Acreage Estimate: 50,525
Total Estimated Extraction Estimate: 110,625 AF
Total Parcels: 19,522

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Draft Rate Structures



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Irrigated Acreage

- Attributes a GW use based on irrigated acreage **per parcel**
- Same approach as current fee program

$$\frac{\text{Revenue Requirement (\$\$)}}{\text{Irrigated Acres}} = \text{Rate} \quad \text{Parcels Charged Based on Irrigated Acres}$$

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Irrigated Acreage

$$\frac{\$1,128,000}{50,525 \text{ Irrigated Acres}} = \$22.33$$

Source Data
FY 23-24 Draft Revenue Need: \$1,128,000
Draft Irrigated Acreage: 50,525

Examples
Parcel with no Irrigated acres Acreage Fee: \$0*
Parcel with 2 Irrigated acres Acreage Fee: \$45
Parcel with 10 Irrigated acres Acreage Fee: \$223
Parcel with 100 Irrigated acres Acreage Fee: \$2,233

*Note: Residential GW users could potentially be charged a minimal fee

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Irrigated Acreage: Pros and Cons

Advantages:

- Simpler:
 - Easier to convey to public
 - Easier to update
- Familiarity (fee structure already in place)

Challenges:

- Potentially less equitable
- Different crop types charged the same
- Standard irrigated acreage methodology does not account for residential use*

*Note: Residential GW users not captured in current fee structure could be assigned a minimal fee in an updated irrigated acreage methodology

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Estimated Extraction

- Attributes a GW use based on estimated AF extracted **per parcel**

$$\frac{\text{Revenue Requirement (\$\$)}}{\text{Acre Feet Pumped}} = \text{Rate} \quad \textit{Parcels Charged Based on Allocated AF}$$

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Estimated Extraction

$$\frac{\$1,128,000}{\$110,625 \text{ AF}} = \$10.20$$

Source Data
FY 23-24 Draft Revenue Need: \$1,128,000
Draft Estimated Extraction: 110,625 AF

Examples
Parcel using .5 AF Acreage Fee: \$5
Parcel using 4 AF Acreage Fee: \$41
Parcel Using 10 AF Acreage Fee: \$102
Parcel using 200 AF Acreage Fee: \$2,039

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Estimated Extraction: Pros and Cons

Advantages:

- Equitable
 - More pumping = Higher fee
 - Crop dependent
- Credit for surface / recycled water use

Challenges:

- Requires multiple datasets; availability of updated data varies
 - Crop mapping/land use
 - Crop usage rates
 - Surface water use
 - Recycled water use
 - Public water system boundaries
 - Assessor use codes
 - Rural residential & urban well pumping
- More complex; more difficult to convey to public
- Incomplete well location data
- Limited extraction data available
 - Extraction must be modeled
- Appeals
 - More data = more challenges

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Hybrid Model

- Blend of a broad parcel fee and either irrigated acreage fee *or* estimated extraction fee
- Charges placed on Direct GW users **and** all Subbasin parcels
- Utilize DWR Priority Point Allocation to assign portions of GSP implementation costs to two buckets:
 - Direct GW users
 - All parcels within Subbasin

Example Breakdown of Priority Point Allocation

Criteria	All Parcels	GW Users
1 Population	X	
2 Population Growth	X	
3 # Public Supply Wells	X	X
4 Total # Wells		X
5 Irrigated Acres		X
6 Reliance on GW	X	X
7 Basin Impacts	X	X
8 Habitat	X	

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Hybrid Model

Example Priority Point Allocation Breakdown

Criteria	DWR Score	All Parcels	GW Users
1 Population	1	1	
2 Population Growth	2	2	
3 # Public Supply Wells	2	1.5	0.5
4 Total # Wells	3		3
5 Irrigated Acres	3		3
6 Reliance on GW	4.5	1	3.5
7 Basin Impacts	2	0.5	1.5
8 Habitat	2	2	
TOTALS	19.5	8	11.5
Percentage		41.0%	59.0%

Budget	All Parcels	GW Users
\$1,128,000	\$462,769.23	\$665,230.77

Note: Priority Point Allocation subject to Board Input

Rate Scenarios

$$\frac{\$462,769.23}{19,522 \text{ Parcels}} = \$23.71 \text{ Parcel Fee}$$

Plus

$$\frac{\$665,231}{50,525 \text{ Irrigated Acres}} = \$13.17 \text{ Irrigated Acreage Fee}$$

Or

$$\frac{\$665,231}{110,625 \text{ AF}} = \$6.01 \text{ Estimated Extraction Fee}$$

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Hybrid Model

Examples: Parcel + Irrigated Acreage

Parcel with 10 Irrigated acres	
Parcel Fee:	\$23.71
Acreage Fee:	\$131.66
Total:	\$155.37

Parcel with 100 Irrigated acres	
Parcel Fee:	\$23.71
Acreage Fee:	\$1,316.64
Total:	\$1,340.34

Parcel with no Irrigated acres	
Parcel Fee:	\$23.71
Acreage Fee:	\$0.00
Total:	\$23.71

Examples: Parcel Fee + Estimated Extraction

Parcel using .5 AF	
Parcel Fee:	\$23.71
Extraction Fee:	\$3.01
Total:	\$26.71

Parcel Using 4 AF	
Parcel Fee:	\$23.71
Extraction Fee:	\$24.05
Total:	\$47.76

Parcel Using 100 AF	
Parcel Fee:	\$23.71
Extraction Fee:	\$601.34
Total:	\$625.04

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Hybrid: Pros and Cons

Advantages:

- Spreads costs out to all parcels, lessening burden on larger GW users
 - All parcels may benefit from GW sustainability

Challenges:

- Legally untested
 - SCGA implemented this, but did not charge parcels directly
- Parcel fee is flat, not proportional
 - Difficult for non-GW users to accept a fee
 - Parcels with smaller irrigated acreage would see a larger increase (\$23 parcel fee)

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Cosumnes Groundwater Authority

Questions and
Discussion



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Considerations Moving Forward

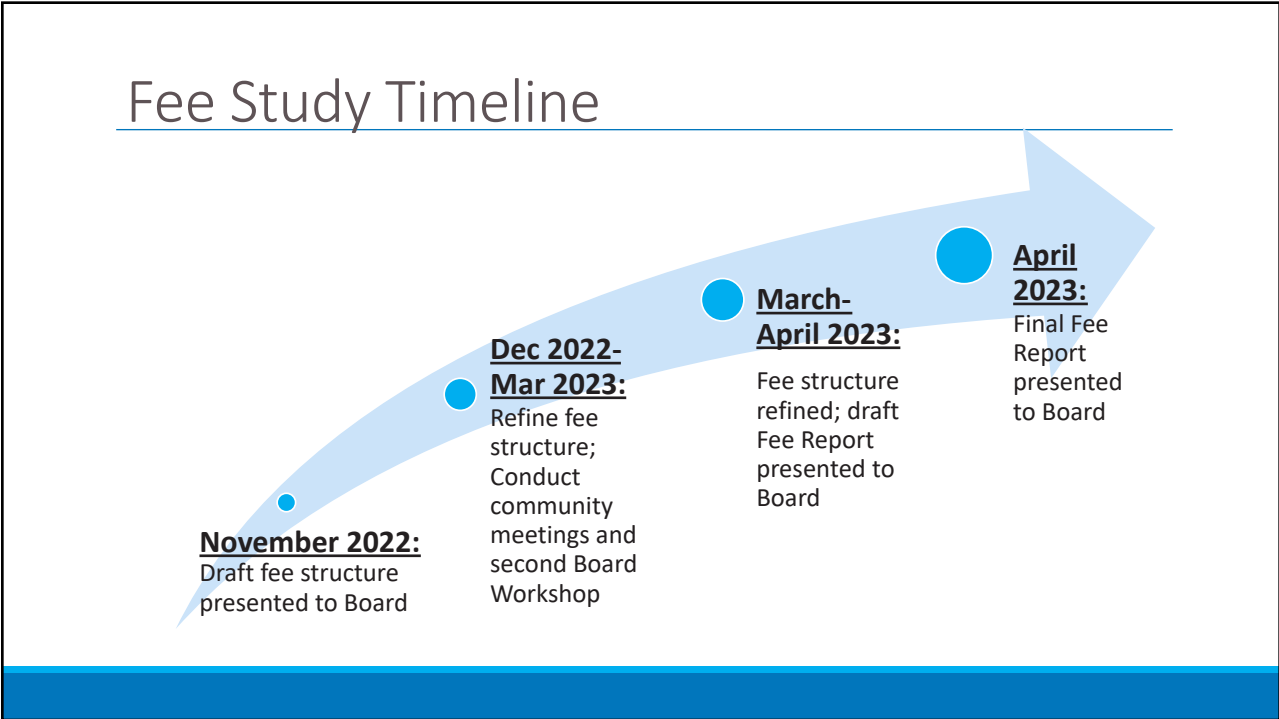
Budget:

- Appeals
- Grant funding

Outreach:

- Coordination of outreach messaging and community meetings

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**Cosumnes Groundwater Authority
Board of Directors Meeting**

Agenda Date: December 19th, 2022

Agenda Item #: 5
Agenda Item Subject: Outreach and Engagement

To: CGA Board of Directors
From: CGA Staff

Background

Farmer Survey:

- The main purpose for the survey is to assess the interest of farmers/ranchers in participating in efforts to reduce water use as well as parallel efforts to increase water supply by engaging in managed aquifer recharge. We would also like to understand the types of incentives farmers would consider in exchange for their participation. The information gained from the survey will be used to help identify approaches/options to reduce groundwater pumping in the Cosumnes Subbasin that are consistent with the interests of farmers/landowners.
- The survey is completely confidential, and you are not obliged to answer all the questions.
- Link: <https://forms.gle/CTXJLDV3VBX56UMaA>

Workshops:

- Wednesday, January 25th, 2023, 4pm-6pm, Herald Fire Hall
- Saturday, February 4th, 2023, 10am-12pm, Wilton Community Center
- We have tentatively scheduled public workshops to engage the community on a variety of groundwater sustainability topics. Interested community members and stakeholders will learn more about project planning efforts and the Cosumnes Groundwater Authority's first year as an organization.

Staff Recommendation

- Promote the Farmers Survey to help inform project development.
- Promote the January and February public workshops.
- Consider GSA specific outreach activities (formal/informal workshops with constituents, letter to the editor, mailers, etc.) coordinated with CGA efforts.

**Cosumnes Groundwater Authority
Board of Directors Meeting**

Agenda Date: December 19th, 2022

Agenda Item #: 6
Agenda Item Subject: Board Governance

To: CGA Board of Directors
From: CGA Staff

Background

- The CGA Board will need to select a Chairperson and Vice-Chairperson to lead in 2023.
 - “A Board Chairperson and Vice-Chairperson shall be elected from the membership of the Board.”
 - “The Vice-Chairperson will serve as Board Chairperson in the Board Chairperson’s absence.”
 - Time commitment: In addition to regular and special meetings of the Board, ideally the CGA Chair also attends at least 1 planning call with staff and consultants ahead of regular meetings.

Staff Recommendation

- Appoint Board Chairperson and Vice-Chairperson.
- Direct an executive ad hoc committee to work with staff to develop recommend policies and procedures for Board consideration.

**Cosumnes Groundwater Authority
Board of Directors Meeting**

Agenda Date: December 19th, 2022

Agenda Item #: 7
Agenda Item Subject: CGA Staff Report

To: CGA Board of Directors
From: CGA Staff

Watershed Coordinator Report

- Watershed Coordinator, Stephen Julian, hosted a group of approximately 30 attendees of the California Association of Resource Conservation Districts at the Laguna Del Sol Dry Well Recharge site on November 30, 2022.
- Ongoing coordination with DWR and USDA on OHWD’s Laguna Del Sol Recharge Project – technical expertise, well diagnostics, geophysical and hydrological data gathering
- The CARCD DOC Multibenefit Land Repurposing Grant application is continuing to be developed. Public comments on the Draft Round 2 Land Repurposing Program Guidelines are being accepted until December 30, 2022. The grant application window is now expected to be open in mid-January and close March 15, 2023. CGA will be asked to provide a letter of support to the CARCD proposal.

Water Forum

Links: [Water Forum Website](#) | [Water Forum 2.0 Information](#)

- CGA Staff met with Water Forum Staff to discuss the Water Forum 2.0 agreement. There was great interest in having more representation from the Cosumnes Subbasin/South Sacramento County. CGA Staff will begin to attend Water Caucus meetings to better understand how CGA and the Cosumnes Subbasin GSAs may be engaged moving forward.

Cosumnes Groundwater Authority

8698 Elk Grove Blvd., Elk Grove, CA 95624

CosumnesGroundwater.org



Board of Directors 2023 Meeting Dates

January 23, 2023*

February 17, 2023*

March 20, 2023

April 17, 2023

May 15, 2023

June 19, 2023

July 17, 2023

August 21, 2023

September 18, 2023

October 16, 2023

November 20, 2023

December 18, 2023

The Cosumnes Groundwater Authority Board of Directors meet regularly on the 3rd Monday of each month at 9:00a.m. at the City of Galt Police Department's Community Room (455 Industrial Way, Galt, CA).

Zoom/call in information and changes to this meeting schedule will be posted online at

CosumnesGroundwater.org

Indicates a deviation from the regularly scheduled meeting date due to holidays