



AGENDA

Regular Meeting of the Cuyama Basin Water District

Wednesday, July 22, 2020 at 3:30 p.m. at

Call (559) 256-4200, Phone Bridge 4: PIN 0612 then #

NOTE: PARTICIPATION BY TELECONFERENCE

Due to the rise in severity of COVID-19 and consistent with Executive Order N-29-20 suspending provisions of the Brown Act to allow for public meetings to be conducted remotely, the Cuyama Basin Water District will hold its regular Board of Directors meeting by teleconference. There will be no meeting site open to the public. Public participation is encouraged using the teleconference information referenced above.

- 1. Call to Order**
- 2. Pledge of Allegiance**
- 3. Roll Call**
- 4. Self-Introductions**
- 5. Public Comment**—This portion of the meeting is set aside to provide the public an opportunity to bring to the attention of the Board members matters within the jurisdiction of the Board and which are not on today's agenda. No action will be taken on any matter discussed during this portion of the meeting. The total time allotted for this portion of the meeting may be limited and to no more than 5 minutes for each speaker.
- 6. Minutes**
 - a. June 24, 2020 Board Meeting Minutes – Board Approval Needed**
- 7. Financial Report**
 - a. YTD Financial Report and Accounts Payable – Board Approval Needed**
 - b. Assessments Status Report**
- 8. Management/Administration**
 - a. Status Report**

9. Groundwater Sustainability Agency (GSA) for Cuyama Basin

- a. Status Report on Cuyama Basin Groundwater Sustainability Agency
- b. Review potential CBGSA Agenda items and consider action providing any recommendations regarding agenda items.
- c. Review and possible action on delegated tasks from CBGSA
- d. EKI update on Technical Components

10. New Business—requests for items to be placed on next agenda

11. Announcements

- a. Next meeting August 26, 2020
- b. Future meetings: September 23, 2020 (potential push to Sept. 30)
 October 28, 2020

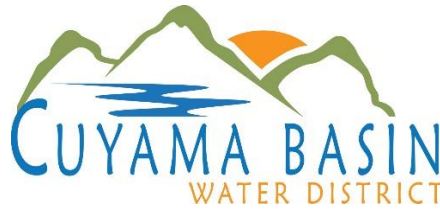
12. Adjournment

Americans with Disabilities Act of 1990: Under this act, a qualifying person may request the District provide a disability-related modification or accommodation in order to participate in any public meeting of the District. Such assistance includes alternative formats for the agendas and agenda packets used for any public meetings of the District. Requests for assistance shall be made in person, via telephone, or in written form to Matt Klinchuch at 661-616-5900, or mklinchuch@ppeng.com. Requests must be received at least 48 hours prior to a public meeting.

Acronyms*

AF	Acre-Feet
BMP	Best Management Practice
CBGSA	Cuyama Basin Groundwater Sustainability Agency
CBWD	Cuyama Basin Water District
CCSD	Cuyama Community Services District
CEQA	California Environmental Quality Act
CFS	cubic feet per second
CVGB	Cuyama Valley Groundwater Basin
DAC	Disadvantaged Community (80% CA MHI)
DWR	Department of Water Resources
ET	Evapotranspiration
GSA	Groundwater Sustainability Agency
GSP	Groundwater Sustainability Plan
HCM	Hydrogeologic Conceptual Model
ILRP	Irrigated Lands Regulatory Program
JPA	Joint Powers Authority
LAFCo	Local Agency Formation Commission
MOU	Memorandum of Understanding
PSP	Proposed Solicitation Package
SBCWA	Santa Barbara County Water Agency
SDAC	Severely Disadvantaged Community (60% CA MHI)
SGMA	Sustainable Groundwater Management Act of 2014
SWRCB	State Water Resources Control Board
USGS	United States Geological Survey

*More to be added as necessary



MEETING MINUTES
Regular Meeting of the
Cuyama Basin Water District

Wednesday, June 24th, 2020 at 3:30 p.m.
Participation by Teleconference

BOARD MEMBERS PRESENT:

Derek Yurosek, President
Byron Albano, Vice-President
Tom Bracken, Treasurer
George Cappello
Jane Wooster

AUDIENCE MEMBERS PRESENT:

Matt Klinchuch, CBWD GM
Alan Doud, CBWD Counsel
Brad DeBranch, CBWD Secretary
Jeff Shaw, EKI
Brenton Kelly
Dan Wilke

1. **Call to Order** – President Yurosek called the meeting to order at 3:31 p.m.
2. **Pledge of Allegiance** – Completed
3. **Roll Call** – Present: Directors Yurosek, Albano, Bracken, Cappello, and Wooster. Board quorum present.
4. **Self-Introductions** – All audience members on the teleconference were introduced.
5. **Public Comment** – No public comment received.
6. **Minutes**
 - a. A motion was made by Director Bracken and seconded by Director Wooster to approve the May 27, 2020 Regular Meeting Minutes. Director Albano abstained from voting. The motion carried.
7. **Financial Report**
 - a. YTD Financial Report & Accounts Payable – An overview of the current financial report and accounts payable was provided by General Manager. A motion was made by Director Wooster and seconded by Director Cappello to accept and pay the Accounts Payable for May 2020. The motion was unanimously carried.
 - b. Assessments Status Report – CBWD has received approximately 85% of landowner assessments for 2020.

- c. Resolution Authorizing Collection of 2019 Delinquent Assessments by County Tax Collectors – A motion was made by Director Bracken and seconded by Director Wooster to approve Resolution 2020-002. The motion was unanimously carried.

8. Management/Administration

- a. Status Report – General Manager did not have anything substantial to report.

9. Groundwater Sustainability Agency for Cuyama Basin

- a. Status Report on Cuyama Basin Groundwater Sustainability Agency – Upcoming GSA SAC and Board meeting is set for June 25th. Director Bracken will not be present. General Manager to fill in as alternate.
- b. Potential CBGSA Agenda Items – Board reviewed upcoming GSA Board meeting agenda. Main items included Fee Rate Hearing and Management Area Delegation. Board discussed the technical elements of the ET analysis as well as the Management Area delegation components which will include pumping allocations and water budgets for individual landowners.
- c. EKI Update on Technical Components – EKI recently met with W&C on Management Areas. Related to the groundwater modeling, W&C averaged all model layers including layers without active cells or cells showing water. EKI is reviewing model with inactive layers taken out of averaging calculation. This approach may be why the MAs were not reproducible when running the model. Once EKI has new model results they will provide an addendum to original MA report in the next week.

10. New Business

- a. Consensus by the Board to discuss in future meetings how parcels will be classified by Management Areas boundaries. EKI will produce new Management Area maps showing parcels for review in the future.

11. Announcements

- a. Next meeting: July 22nd, 2020
- b. Future meetings: August 26th, 2020

12. Adjournment - Meeting was adjourned by Director Yurosek at 4:38 p.m.

Respectfully Submitted,

**Brad DeBranch, Secretary
Cuyama Basin Water District**

Cuyama Basin Water District - 2020 Income, Expenses, & Budget Performance (As of 7/17/2020)

CATEGORY	CODE	DESCRIPTION	January	February	March	April	May	June	July	August	September	October	November	December	Total	Budget	Budget Remaining	% of Budget	
Income																			
	1000	2019 District Assessment	-	4,139.23	8,854.82	-	-	-	-	-	-	-	-	-	679,129.39	712,800.00	33,670.61	95%	
		2020 District Assessment	-	-	-	87,819.62	81,806.14	20,394.08	-	-	-	-	-	-	190,019.84	218,545.00	28,525.16	87%	
	1100	Interest - Savings/Money Market/Etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	#DIV/0!	
	2000	Miscellaneous Payments	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	#DIV/0!
		Santa Barbara Co. Tax Bill (2018 Assessment)	-	-	-	4,794.30	6.51	993.20	-	-	-	-	-	-	-	7,309.56	7,086.69	(222.87)	103%
		Santa Barbara Co. Tax Bill (2019 Assessment)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	#DIV/0!
		San Luis Obispo Co. Tax Bill (2018 Assessment)	221.28	-	-	-	134.22	38.42	17.40	-	-	-	-	-	-	411.32	429.99	18.67	96%
		San Luis Obispo Co. Tax Bill (2019 Assessment)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	#DIV/0!
		Ventura Co. Tax Bill (2018 Assessment)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	#DIV/0!
		Ventura Co. Tax Bill (2019 Assessment)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	#DIV/0!
Total Income		221.28	4,139.23	8,854.82	92,613.92	81,946.87	21,425.70	17.40	-	-	-	-	-	-	197,740.72	226,061.68	28,320.96	87%	
Expense																			
	3000	Manager - General District	203.67	1,624.50	3,274.40	4,237.76	2,257.50	2,785.62	-	-	-	-	-	-	14,383.45	40,000.00	25,616.55	36%	
	3100	Accounting & Auditing Services	-	-	-	-	-	-	-	-	-	-	-	-	-	6,000.00	6,000.00	0%	
	3200	Bank Service Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0%	
	3300	Insurance	50.00	5,546.00	-	-	-	-	-	-	-	-	-	-	5,596.00	5,500.00	(96.00)	102%	
	3400	Legal Services	1,545.76	1,694.38	2,503.36	1,032.50	1,356.99	1,917.50	-	-	-	-	-	-	10,050.49	53,000.00	42,949.51	19%	
	4000	Manager - SGMA Activities	1,500.00	3,975.00	3,600.00	1,725.00	1,657.66	2,175.00	-	-	-	-	-	-	14,632.66	72,500.00	57,867.34	20%	
	5000	Data Collection	-	-	-	-	-	-	-	-	-	-	-	-	-	26,000.00	26,000.00	0%	
	6000	Technical Studies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	#DIV/0!	
	7000	Groundwater Sustainability Plan (GSP) Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	#DIV/0!	
	8000	Groundwater Sustainability Plan (GSP) Implementation	5,225.72	17,958.46	-	11,351.78	-	-	-	-	-	-	-	-	34,535.96	131,200.00	96,664.04	26%	
	9000	Miscellaneous Expenses	-	1,477.60	-	-	-	-	-	-	-	-	-	-	1,477.60	15,545.00	14,067.40	10%	
Total Expenses		8,525.15	32,275.94	9,377.76	18,347.04	5,272.15	6,878.12	-	-	-	-	-	-	-	80,676.16	349,745.00	269,068.84	23%	
Net Income		(8,303.87)	(28,136.71)	(522.94)	74,266.88	76,674.72	14,547.58	17.40	-	-	-	-	-	-	117,064.56	(123,683.32)			
Monthly Bank Balance (month end)		935,158.05	937,819.68	846,683.85	863,336.87	1,004,476.52	1,013,451.80	-	-	-	-	-	-	-					

Cuyama Basin Water District - YTD Budget Variance Report (As of 7/17/2020)

CATEGORY	DESCRIPTION	2020 Budget	Actual (YTD)	Budget Variance
Income				
	2020 District Acreage Assessment	\$218,545	\$190,020	-\$28,525
	Interest Earnings - Savings/Money Market/Etc.	\$0	\$0	\$0
	Miscellaneous Member Payments	\$7,517	\$7,721	\$204
	Total Income	\$226,061.68	\$197,740.72	-\$28,320.96
Expense				
	Manager - General District	\$40,000	14,383.45	-\$25,617
	Accounting & Auditing Services	\$6,000	-	-\$6,000
	Bank Service Charges	\$0	-	\$0
	Insurance	\$5,500	5,596.00	\$96
	Legal Services	\$53,000	10,050.49	-\$42,950
	Manager - SGMA Activities	\$72,500	14,632.66	-\$57,867
	Data Collection	\$26,000	-	-\$26,000
	Technical Studies	\$0	-	\$0
	Groundwater Sustainability Plan (GSP) Development	\$0	-	\$0
	Groundwater Sustainability Plan (GSP) Implementation	\$131,200	34,535.96	-\$96,664
	Miscellaneous Expenses	\$15,545	1,477.60	-\$14,067
	Total Expenses	\$349,745.00	\$80,676.16	-\$269,068.84
	Net Income	-\$123,683.32	\$117,064.56	\$240,747.88

Cuyama Basin Water District
Accounts Payable - Ready for Approval
 July 2020

<u>Num</u>	<u>Date</u>	<u>Name</u>	<u>Account</u>	<u>Paid Amount</u>
1113	6/30/2020	Young-Wooldridge	2003562 - Valley Repub	
			3400 Legal	-\$1,917.50
TOTAL				-\$1,917.50
1114	7/16/2020	Provost & Pritchard Cons	2003562 - Valley Repub	
			3000 Manager - Gener	-\$2,785.62
			4000 Manager - SGMA	-\$2,175.00
TOTAL				-\$4,960.62



1113

A LIMITED LIABILITY PARTNERSHIP • EST. 1939
1800 30TH STREET, FOURTH FLOOR
BAKERSFIELD . CA. 93301

HTTP://WWW.YOUNGWOOLDRIDGE.COM
EMAIL: ACCOUNTING@YOUNGWOOLDRIDGE.COM
PHONE: (661) 327-9661
FACSIMILE: (661) 327-1087

CUYAMA BASIN WATER DISTRICT
MATT KLINCHUCH, PC
MANAGER- ASSESSOR-COLLECTOR
1800 30TH STREET, SUITE 280
BAKERSFIELD, CA 93301

June 30, 2020

Client ID 20308 SKK

Statement for period through June 30, 2020

Summary by Matter

Matter	Description	Prior Balance	Payments & Adjustments	Current Charges	Total Due
4	BOARD MEETINGS AND MATTERS (INCL. BROWN ACT)	\$1,121.00	\$0.00	\$1,357.00	\$2,478.00
34	GROUNDWATER MANAGEMENT PLAN	\$236.00	\$0.00	\$560.50	\$796.50
100	COSTS	-\$0.01	\$0.00	\$0.00	-\$0.01

PRIOR STATEMENT BALANCE	\$1,356.99
CURRENT CHARGES	\$1,917.50
PAY THIS AMOUNT	\$3,274.49

Any Payments Received After 06/30/20 Will Appear on Your Next Statement

Visa, MasterCard and Discover accepted

A FINANCE CHARGE OF 1.5% WILL BE ADDED TO YOUR BALANCE 30 DAYS AFTER STATEMENT DATE

286 W. Cromwell Avenue
Fresno, CA 93711
(559) 449-2700
Fax (559) 449-2715

EST. 1968
**PROVOST &
PRITCHARD**
CONSULTING GROUP
An Employee Owned Company

Matthew Klinchuch
Cuyama Basin Water District
1800 30th Street, Suite 200
Bakersfield, CA 93301

July 16, 2020
Project No: 02620-20-001
Invoice No: 79985

Project Name: 2020 CBWD-Manager

Client Project #:

Work this period included:

MAN: District administration. Website updates. Prepare and deposit assessment payments. Unpaid balance list preparation. Prepare and attend via teleconference June Board meeting. Reimbursables (Mileage and Web-hosting).

SGMA: GSA Management Area material review. Review rate study. Prepare and via teleconference June Board and GSA meetings. Coordinate with EKI on delegation items.

Professional Services from June 1, 2020 to June 30, 2020

Phase: MAN Manager

Labor

	Hours	Rate	Amount	
Senior Engineer	12.50	150.00	1,875.00	
Project Administrator	1.50	78.00	117.00	
Project Administrator	5.90	84.00	495.60	
Project Administrator	.90	98.00	88.20	
Associate GIS Specialist	1.70	95.00	161.50	
Totals	22.50		2,737.30	
Total Labor				2,737.30

Reimbursable Expenses

Travel & Mileage			27.78	
Other Direct Reimb Expenses			20.54	
Total Reimbursables			48.32	48.32

Total this Phase: \$2,785.62

Phase: SGMA SGMA

Labor

	Hours	Rate	Amount	
Senior Engineer	14.50	150.00	2,175.00	
Totals	14.50		2,175.00	
Total Labor				2,175.00

Total this Phase: \$2,175.00

Total this Invoice \$4,960.62

UNIQUE_ID	Assessed Amount	Payment Received	Amount Paid
CBWD 1	61.34	4/13/2020	61.34
CBWD 2	5,646.71	5/4/2020	5,646.71
CBWD 3	2,827.61		
CBWD 4	35,035.98	4/30/2020	35,035.98
CBWD 5	6.50		
CBWD 6	34.40	4/13/2020	34.40
CBWD 7	5.19	4/13/2020	5.19
CBWD 8	16.52	4/13/2020	16.52
CBWD 9	625.75	4/22/2020	625.75
CBWD 10	5.96		
CBWD 11	10.60		
CBWD 12	30,479.81	5/27/2020	31,798.96
CBWD 13	41,649.87	5/27/2020	41,649.87
CBWD 14	521.50		
CBWD 15	247.94	5/15/2020	247.94
CBWD 16	34.40	4/13/2020	34.40
CBWD 17	17,315.30	6/15/2020	17,315.30
CBWD 18	8.79	4/13/2020	8.79
CBWD 19	390.44	4/30/2020	390.44
CBWD 20	4.92		
CBWD 21	37.35	4/13/2020	37.35
CBWD 23	8.94		
CBWD 24	36.39		
CBWD 25	236.78	4/30/2020	236.78
CBWD 26	52.77		
CBWD 28	424.61	4/22/2020	424.61
CBWD 29	154.57		
CBWD 30	266.14		
CBWD 31	14.57	4/22/2020	14.57
CBWD 32	17.20	4/13/2020	17.20
CBWD 33	8.60		
CBWD 34	12,310.64	4/30/2020	12,310.64
CBWD 35	19.29		
CBWD 36	2.06		
CBWD 37	120.40	4/13/2020	120.40
CBWD 38	37.07		
CBWD 39	4.89	4/22/2020	4.89
CBWD 40	8.68		
CBWD 41	17.20		
CBWD 42	275.20		
CBWD 43	1.03		
CBWD 44	8.79		
CBWD 45	17.03	4/22/2020	17.03
CBWD 46	460.68	4/13/2020	460.68
CBWD 47	404.75	4/13/2020	404.75

Assessment Less than \$15

2020 Assessment Payment Summary
Through (7/17/2020)

UNIQUE_ID		Assessed Amount	Payment Received	Amount Paid
CBWD	48	276.42	4/13/2020	276.42
CBWD	49	46.64	5/15/2020	46.64
CBWD	50	17.20	4/13/2020	17.20
CBWD	51	30.82		
CBWD	52	321.09		
CBWD	53	16.19	5/20/2020	16.19
CBWD	54	34.40	4/13/2020	34.30
CBWD	55	240.80	5/20/2020	240.80
CBWD	56	14.48		
CBWD	57	123.73		
CBWD	58	34.40		
CBWD	59	1,001.40	4/30/2020	1,001.40
CBWD	60	50.86	4/13/2020	50.86
CBWD	61	15.72	4/22/2020	15.72
CBWD	62	21.78	4/22/2020	21.78
CBWD	63	17.20		
CBWD	64	18.21		
CBWD	65	1,106.08		
CBWD	66	392.39		
CBWD	67	31.76	4/13/2020	31.76
CBWD	68	103.20	4/13/2020	103.20
CBWD	69	128.57		
CBWD	70	2.74		
CBWD	71	4.95		
CBWD	72	3.56		
CBWD	73	3.75		
CBWD	74	1,827.36		
CBWD	75	6.43	4/30/2020	6.43
CBWD	76	588.75		
CBWD	77	132.29		
CBWD	78	3,026.01		
CBWD	79	12.38		
CBWD	80	22.13	4/30/2020	22.13
CBWD	81	457.11		
CBWD	82	10.75		
CBWD	83	17.08	4/22/2020	17.08
CBWD	84	5,099.94	4/30/2020	5,099.94
CBWD	85	51.60		
CBWD	86	6.94		
CBWD	87	4.30	4/22/2020	4.30
CBWD	88	32.77	5/4/2020	32.77
CBWD	90	0.87		
CBWD	91	32.77		
CBWD	92	42.91		
CBWD	93	225.36		

UNIQUE_ID		Assessed Amount	Payment Received	Amount Paid
CBWD	94	8.80		
CBWD	95	66.14	6/30/2020	66.14
CBWD	96	145.95		
CBWD	97	7,681.30		
CBWD	98	14,476.74	4/30/2020	14,476.74
CBWD	99	3,411.01	5/27/2020	3,411.01
CBWD	100	8.73		
CBWD	101	420.89		
CBWD	102	7.61		
CBWD	103	157.83	4/22/2020	157.83
CBWD	104	609.38	4/22/2020	609.38
CBWD	105	2.57		
CBWD	106	12.38	4/13/2020	12.38
CBWD	107	154.80	4/13/2020	154.80
CBWD	108	51.60	4/13/2020	51.60
CBWD	109	31.90	4/13/2020	31.90
CBWD	110	8.79		
CBWD	111	2,547.89		
CBWD	112	499.99		
CBWD	113	137.53		
CBWD	114	8.75	4/13/2020	8.75
CBWD	115	7.13	4/22/2020	7.13
CBWD	116	17.20		
CBWD	117	2.35		
CBWD	118	10.54	4/13/2020	10.54
CBWD	119	17.20		
CBWD	120	31.67	6/12/2020	31.67
CBWD	121	63.16		
CBWD	122	4.30		
CBWD	123	17.02		
CBWD	124	25.88		
CBWD	125	17.73	4/22/2020	17.73
CBWD	126	327.82	6/12/2020	327.82
CBWD	127	0.98		
CBWD	128	412.60	6/12/2020	412.60
CBWD	129	149.73	6/12/2020	149.73
CBWD	130	8.60		
CBWD	131	17.59	4/13/2020	17.59
CBWD	132	44.52	4/13/2020	44.52
CBWD	133	69.27	4/22/2020	69.27
CBWD	134	815.66		
CBWD	135	17.20	4/13/2020	17.20
CBWD	136	130.59	4/22/2020	43.00
CBWD	137	13.75		
CBWD	138	585.39	6/12/2020	585.39

2020 Assessment Payment Summary
Through (7/17/2020)

UNIQUE_ID	Assessed Amount	Payment Received	Amount Paid
CBWD 139	43.00	4/13/2020	43.00
CBWD 140	10.13		
CBWD 141	1.80		
CBWD 142	249.42	4/13/2020	249.42
CBWD 143	134.46	4/22/2020	134.46
CBWD 144	67.94	4/13/2020	67.94
CBWD 145	17.20	4/13/2020	17.20
CBWD 146	104.82		
CBWD 147	5,528.18	4/30/2020	5,528.18
CBWD 148	4,921.48	4/30/2020	4,921.48
CBWD 149	85.23	4/22/2020	85.23
CBWD 150	52.78	4/13/2020	52.78
CBWD 151	34.23		
CBWD 152	2.63		
CBWD 153	334.92		
CBWD 154	17.20	4/13/2020	17.20
CBWD 155	2,565.96		
CBWD 156	4.95		
CBWD 157	23.65	4/22/2020	23.65
CBWD 158	12.99		
CBWD 159	34.40	5/4/2020	34.40
CBWD 160	17.20		
CBWD 161	1,505.43	6/12/2020	1,505.43
CBWD 162	8.25		
CBWD 163	3.87		
CBWD 164	1.15		
CBWD 165	4.30		
CBWD 166	244.27		
CBWD 167	465.98		
CBWD 168	8.61		
CBWD 169	2,032.66	4/22/2020	2,032.66
CBWD 170	8.22	4/22/2020	8.22
CBWD 171	624.46	4/30/2020	624.46

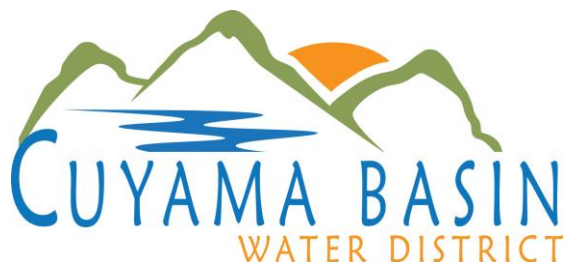
Dollars Received 190,019.84
87%
Payments Received 72
61%

2020 Assessment Payment Summary
Through (7/17/2020)

UNIQUE_ID		Assessed Amount	Payment Received	Amount Paid
CBWD	3	2,827.61		
CBWD	78	3,026.01		
CBWD	97	7,681.30		
CBWD	111	2,547.89		
CBWD	155	2,565.96		

18,648.77

9% Total Budget



To: Board of Directors

From: Matt Klinchuch, Manager

Date: July 17, 2020

Subject: Agenda Item 9c: GSA Task Delegation Considerations

Dear Directors:

Background:

On June 25, 2020, the Cuyama GSA approved Item no's 1 and 2 for management area delegation within the Central Basin Management Area to the Cuyama Basin Water District as described in the Agenda item 6b of the GSA Board Packet.

1. *Implementation of Pumping Allocations in Central Basin Management Area*
2. *Development of Water Budgets for Individual Landowners in Central Basin Management Area*

Process:

By process through the Delegation Agreement (Dec. 2019), now that the GSA has approved tasks to delegate, the District must (i) review and approve assumption of these tasks and, (ii) if the District elects to so assume, demonstrate there is some financial benefit to both the GSA and District (Article I and Article III).

Technical Considerations:

Task 1: Implementation of Pumping Allocations in Central Basin Management Area

There is an assumption that the GSA will handle how to scale the pumping restrictions to fit revised overdraft projections based on model fit to data collected in 2019-2022, so that's a big issue that probably won't be the District's to decide.

Other potential issues/considerations for pumping allocations:

- **How to determine pumping allocations within a Management Area:**
 - Allocate pumping only on parcels that are 100% within the MA or consider parcels with only a portion within the MA boundary?
 - Prorate pumping restrictions based on the percentage of the parcel within the MA boundary? Parcels with less acreage within the MA see less restriction?
 - Allocate pumping for WELLS that are within the MA boundary, regardless of parcel location or where water is applied.
 - Define a simple, straight-sided polygon around the MA (the "Operational MA") that follows existing public roads, so that the boundary is clearly marked on the ground, and the number of partially-included parcels is reduced or eliminated.

- How are allocations apportioned within District boundaries?
 - Flat allocation of a fixed AFY/ac (may impact some crops more than others)?
 - Proportional allocation based on current acres (does historical pumping factor in)?
 - Can conservation “credits” be accumulated and rolled over into following years?
 - Can water “loans” be taken out against future pumping?
 - Are allocations transferrable within the District?
- How to quantify and define required reductions in groundwater use:
 - Estimated ET / crop type / acreage changes (including specific calculation method and all underlying assumptions)
 - Metered pumpage changes (including return flow assumptions and meter calibration)
 - Other factors combined with the above (e.g., irrigation efficiency improvements)
- Verification of compliance:
 - Flow metering spot-checks where meters are installed.
 - Installation of temperature dataloggers on underside of pump discharge pipe (to estimate total pumping time) and spot-check confirmation of pumping capacity of well.
 - Review power records to evaluate pump run times. Longer run times may indicate more pumping, although several factors are at play in this option.
 - Self-certification and drive-by visual confirmation of changes; follow-up interviews if discrepancies are seen.
 - Drone photography checks of acreage and cropping or estimation over the past year via Google Earth.

Task #2: Development of Water Budgets for Individual Landowners in Central Basin Management Area:

Two main talking points related to this item for developing a scope of work and associated costs.

- What is the goal of the District developing water budgets for individual landowners?
 - Is this a tool for the District and individual landowner, or an allocation management tool by the GSA?
- What is meant by “water budget” in this context?
 - A low-cost simple approach to quantify water use would be estimation of some of the major components of a water budget (i.e., water use, pumpage, and refined ETc values), using a standardized method.
 - A high-cost complex approach would be a traditional water budget for landowners including estimation of difficult-to-quantify parameters for individual parcels such as groundwater inflows/outflows, infiltration, ephemeral stream losses/gains, soil moisture fluxes, localized precipitation, etc. Significant data collection and modeling may be required, incurring additional costs, and the final results may not be much more useful than estimates derived using more simple methods. Another consideration in this approach is that although

groundwater use in individual parcels may be balanced or even have a surplus, the basin as a whole must be sustainable under SGMA. This approach is not recommended.

- Consideration is potentially needed related to the presence and magnitude of less-common irrigation techniques (i.e. deficit irrigation).