KERN GROUNDWATER AUTHORITY

Regular Meeting of Board of Directors
July 22, 2020 8:00 a.m.

NOTICE: Pursuant to the Governor's Executive Order N-29-20 this meeting will be conducted by teleconference. All parties/public may attend the meeting via teleconferencing and offer public comments by phone, using the call-in information below:

Zoom: https://us02web.zoom.us/j/86884525235?pwd=eVhPVVUyaC9KZG1RNnNwNktYTVdvZz09

Meeting ID: 868 8452 5235

Password: 528238

Telephone Dial-in: (669)900-6833

Kern Groundwater Authority Board of Directors Agenda

This meeting is held in accordance with the Governor's Executive Order N-29-20 and portions of the Brown Act pursuant to Section 54956 of the California Government Code and the Kern Groundwater Authority Joint Powers Agreement.

1. Roll Call - Quorum Determination
In the absence of a quorum of the Board the meeting will be adjourned.

2. Public Input
This portion of the meeting is set aside to provide the public an opportunity to bring to the attention of the Board matters of which the Board may not be aware and which are not on the current agenda. No action can be taken on any matter raised during this portion of the meeting; however, a Board member may request that the matter be placed on any future agenda for further review and possible action. Members of the public may directly address the Board of Directors on any item of interest within the Board's subject matter jurisdiction, before or during the Board's consideration of the item. The President may limit the time allowed for comment.

3. Approval of Minutes
a. April Regular Board Meeting Minutes*

4. Treasurer's Report
a. Financial Report **&** Accounts Payable*(Ratify) - April
b. Financial Report & Accounts Payable*(Ratify)- May
c. Financial Report & Accounts Payable*(Approve)– June

5. Attorneys Report
a.

- Denotes Action Item

6. **Planning Manager Report**
   - **a.** Discussion/Approval on the revised monitoring network*
   - **b.** Discussion on the release of the water model/disclaimer
   - **c.** TSS Grant Application – Arvin-Edison Water Storage District
   - **d.** Discussion on receipt of Prop 68 Grant – Data Management Service
   - **e.** San Joaquin Valley Blueprint – presentation
   - **f.** Accomplishments
   - **g.** Forward Work Plan

7. **New Business**

   This Portion of the Meeting is set aside to provide each Board member an opportunity to bring to the attention of other Board members and the public matters which have come to their attention and/or which may be appropriate for future consideration. No action can be taken on any matter raised during this portion of the meeting; however, a Board member may request that the matter be placed on any future agenda for further review and possible action.

8. **Correspondence** – copies of Correspondence documents please use the link:
   https://sgma.water.ca.gov/portal/gsp/comments/36
   a. Department of Water Resources – CA Aqueduct staff
   b. Kristin Dobbin Graduate Student at UC Davis – Human Right to Water
   c. Department of Fish and Wildlife
   d. Mojave Water Agency
   e. Metropolitan Water District of Southern California
   f. Environmental Defense Fund
   g. Buena Vista Water Storage District
   h. Central Valley Flood Protection
   i. Clean Water Action, Audubon California, The Nature Conservancy, Union of Concerned Scientists and the Local Government Commission
   j. Leadership Counsel for Justice and Accountability
   k. Department of Water Resources – Flood Management
   l. The Nature Conservancy
   m. Desert Water Agency
   n. Clean Water Action, Audubon California, The Nature Conservancy, Union of Concerned Scientists and the Local Government Commission – Semitropic Water Storage District
   o. Kings River Water Association – Semitropic Water Storage District
   p. Rancho Visalia, Inc – Semitropic Water Storage District
   q. Audubon California – Semitropic Water Storage District
   r. The Nature Conservancy – Semitropic Water Storage District
   s. California Waterfowl Association – Semitropic Water Storage District
   t. Buena Vista Water Storage District – Semitropic Water Storage District
   u. City of Shafter – North Kern and Shafter-Wasco
   v. City of Wasco – North Kern and Shafter-Wasco
   w. Buena Vista Water Storage District – Kern Water Bank Authority
   y. North of the River Municipal Water District – 7th Standard Annex Management Area Plan

- Denotes Action Item

9. Closed Session

a. Conference with Legal Counsel – Potential Litigation: Closed Session pursuant to Government Code Section 54956.9(d)(2), (e)(1)(one matter)

b. Employee Performance Evaluation – Title: Planning Manager (Government Code Section 54957)

10. Adjournment

A person with a qualifying disability under the Americans with Disabilities Act of 1990 may request the Authority provide disability-related modification or accommodation in order to participate in any public meeting of the Authority. Such assistance includes appropriate alternative formats for the agendas and agenda packets. Requests should be made in person, by telephone, facsimile and/or written correspondence to the Authority office, at least 48 hours before a public Authority meeting. Written materials related to an item on this agenda to be considered in open session that are public documents and that are distributed to board members after the posting of the agenda, will be made available for public inspection when they are so distribution at the office of the Authority located at 1800 30th Street, Ste #280, Bakersfield, California during normal business hours. Documents that are public documents provided by others during a meeting will be available at the same location during business hours after the meeting.

- Denotes Action Item

JPA Board Meeting Minutes
Kern Groundwater Authority

Wednesday, April 22, 2020 at 8:00 a.m.
Participation by Teleconference

JPA DISTRICT REPRESENTATIVES AND ALTERNATES PRESENT

Kevin Pascoe, Arvin-Edison WSD
John Gaugel, Cawelo WD
Royce Fast, Kern County Water Agency
Andrew Pandol, Kern-Tulare WD
Kim Brown, Kern Water Bank Authority
Kevin Andrew, North Kern Water Storage District
Jason Selvidge, Rosedale-Rio Bravo WSD
Dan Waterhouse, Semitropic WSD
Chad Givens, City of Shafter
Mark Franz, Shafter-Wasco ID
Brandon Morris, SSJMUD
Ryan Fachin, Tejon-Castac WD
Gary Morris, West Kern WD
Rob Goff, Westside District Water Authority
Michael Blaine, Wheeler Ridge-Maricopa WSD

JPA DISTRICT REPRESENTATIVES ABSENT

Bob Rodriguez, Arvin Community Services District
Maddy Symm, Eastside Water Management Area (non-voting member)

OTHERS PRESENT/PARTICIPATING

Marinelle Duarosan, North Kern WSD
Valerie Kincaid, O'Laughlin Paris, LLC
Rebecca Gomez, Provost & Pritchard
Patty Poire, Kern Groundwater Authority

1. Call to Order – Vice Chairman Selvidge called the meeting to order at 8:06 a.m. after it was confirmed there was a quorum. The Board met the threshold for a quorum under the JPA and operated under it.

2. Public Comments – None

3. Approval of Minutes
    a. February 26, 2020 Regular Board Meeting Minutes
    A motion was made by Director Andrew and seconded by Director Fast to approve the February 26, 2020 Regular Board Meeting Minutes. The motion was unanimously carried.

4. Treasurer's Report
    a. Treasurer's Report and Accounts Payable/Receivable - March – Mrs. Duarosan presented the Treasurer's Report Memo for the period from February 1, 2020 through February 29, 2020. Exhibit A of the Treasurer's Report reflected the beginning cash balance of $905,196.98 with an ending balance as of February 29, 2020 of $311,446.96. Deposits received during the month of February totaled $194,840.76 were reflected on Exhibit A. Exhibit B reflected cash receipts and deposits from the Cash Call for 2020 Administration Costs that totaled $46,541.66 from March 1 to March 19th. Exhibit C reflected Accounts Receivable as of February 29, 2020 that totaled $89,697.45. Exhibit D reflected grant funds detailed as of February 29, 2020. Exhibit E reflected details of outstanding accounts payable as of February 29, 2020 that totaled $104,617.73. Requested approval amount for disbursement totaled $96,285.84. The amount of $8,331.89 continued to be held pending further review by the Planning Manager. A motion to approve the treasurer's report and accounts payables/receivable was made by Director Gary Morris and seconded by Director Brandon Morris. The motion was unanimously carried.
    b. Treasurer's Report and Accounts Payable/Receivable - April – Mrs. Duarosan presented the Treasurer's Report Memo for the period from March 1, 2020 through March 31, 2020. Exhibit A of the Treasurer's Report reflected the beginning cash balance of $311,446.96 with an ending balance as of March 31, 2020 of $382,176.60. Exhibit A also reflected $70,729.64 deposited received in the month of March. Exhibit B reflected cash receipts and deposits from April 1, 2020 through April 16, 2020 from reimbursement from grant funds that totaled $37,819.42 with $2,500 from Henry Miller GSA invoice for the use of the KGA Basin Setting for a total of $40,319.42. Exhibit C reflected Accounts Receivable outstanding as of March 31, 2020 which totaled $18,967.81. Exhibit D reflected grant funds detailed as of March 31, 2020. Exhibit E reflected details of outstanding accounts payable as of March 31, 2020 that totaled $200,632.02 that includes the total amount receivable from February 2020 in the amount of $96,285.84. The requested disbursement amount for accounts payable for March 2020 totaled $96,014.29. The amount of $8,331.89 continued to be held pending further review by the Planning Manager. A motion to approve the treasurer's report and payables/receivable was made by Director Andrew and seconded by Director Pascoe. The motion was unanimously carried.

5. Attorney's Report – Nothing to report.

6. Planning Manager Report
    a. Discussion and approval to accept Barbich Hooper King 2019 Audit Proposal - Ms. Poire presented the Barbich Hooper King 2019 Audit Proposal dated March 2, 2020 for discussion and approval. A motion was made to approve the

proposal by Director Pasco and seconded by Director Gary Morris. The motion was unanimously carried.

b. Prop 1 Grant disbursement – 2nd Submittal Refund – Ms. Poire presented recommended disbursements regarding 2nd Submittal Refund for Prop 1 Grant Component 3 that totaled $2,414.00 and Component 5 that totaled $39,377.91.
   A motion to approve disbursement of Component 3 as recommended was made by Director Brandon Morris and seconded by Director Goff. The motion was unanimously carried.
   A motion to approve disbursement of component 5 as recommended was made by Director Andrew and seconded by Director Gaugel. The motion was unanimously carried.
c. Information on first annual report for Kern subbasin – Ms. Poire reported the Basin's first annual report has been submitted to DWR on April 1, 2020 as mandated. The annual report is available on the KGA website for reference.
d. Information on meeting with DWR CA Aqueduct on subsidence – Ms. Poire reported having one meeting with DWR regarding CA aqueduct subsidence. The second meeting was canceled due COVID-19 guidelines.
e. Accomplishments –Ms. Poire referred the Board to the memo regarding Accomplishments and Forward Work Plan in the board package.
f. Forward Work Plan – Ms. Poire referred the Board to the memo regarding Forward Work Plan in the board package.

7. New Business – None

8. Correspondence – Leadership Counsel for Justice and Accountability received via email, correspondence has been accepted and filed.

9. Closed Session – None

10. Adjournment – 8:30 a.m.

P.O. Box 81435
Bakersfield, CA 93380-1435
Administration
Telephone: 661-393-2696
Facsimile: 661-393-6884

33380 Cawelo Avenue
Bakersfield, CA 93308-9575
Water Orders and Operations
Telephone: 661-393-3361
www.northkernwsd.com

NORTH KERN WATER STORAGE DISTRICT

May 27, 2020

TO: Kern Groundwater Authority Members

FROM: Richard Diamond, General Manager

RECOMMENDED MOTION

Approve the Treasurer's Report as presented and ratify Executive Committee authorization of accounts payable disbursement for the month of April 2020 in the amount of $13,368.37 as detailed in **Exhibit E.** (Note that an amount of $20,388.10 is on hold for payment at this time due to pending items as noted in Exhibit E).

DISCUSSION

Exhibit A is the Treasurer's Report for the Authority's financial activities from April 1, 2020 through April 30, 2020. Cash deposits for the month were $55,833.31 mostly from the Prop 1 SGMA grant proceeds reimbursement #2. There were disbursements of $229,912.86 during the month. The cash balance at April 30, 2020 was $208,097.05. **Exhibit B** reflects cash receipts and deposits from May 1 through May 21, 2020 which totals $953.92. With this deposit, all Cash Calls have been received.

Exhibit C reflects Accounts Receivable balance from Members and Participants at April 30, 2020 which totals $953.92. Receivable from Grants as of April 30, 2020 totals $304,876.55 as detailed in **Exhibit D.** Total of all Accounts Receivable at April 30, 2020 was $305,830.47, which primarily represent outstanding grant proceeds.

Exhibit E is the detail of Accounts Payable as of April 30, 2020 reflecting outstanding payables total of $33,756.47. Outstanding invoices for April 2020 in the amount of $13,368.37 were approved for payment by the Executive Committee on May 18th. The remaining invoice totaling $20,388.10 is hold pending further review by the Planning Manager.

Exhibit F is the Authority's unaudited financial statements at April 30, 2020. They include a Statement of Net Position as of April 30, 2020 and a Statement of Revenues and Expenses for the four months ended April 30, 2020. Both statements present the financial position and results of the Authority's activities for the general JPA membership and each specific Special Activity Agreements. Please direct questions regarding the above to the Fiscal Agent, North Kern Water Storage District's General Manager, Richard Diamond (rdiamond@northkernwsd.com). You may also reach him at the District's Office at 661-393-2696.

Exhibit A
Kern Groundwater Authority
Treasurer's Report - through April 30, 2020

CURRENT ACTIVITY

Cash Balance, Prior Report (March 31, 2020) 382,176.60

Deposits	Date	Purpose	Amount	
City of Bakersfield - (Prop 1-SGMA)	4/9/2020	Grant Proceeds	2,172.60	Comp#3
City of Bakersfield - (Prop 1-SGMA)	4/9/2020	Grant Proceeds	35,440.13	Comp#5
Henry Miller WD	4/13/2020	Basin Report	2,500.00	
DWR - (ITRC)	4/15/2020	Grant Proceeds	206.69	SAA#1
Eastside Water MA	4/28/2020	2020 Gen Admin	15,513.89	
Total Deposits				55,833.31

Disbursements	Date	Ck #	Amount	
Great America Networks Conferencing	4/22/20	1714	145.81	
GEI Consultants	4/22/20	1715	222.35	
O'Laughlin & Paris	4/22/20	1716	1,855.00	
Provost & Pritchard	4/22/20	1717	19,827.50	
Todd Groundwater	4/22/20	1718	73,963.63	
Great America Networks Conferencing	4/22/20	1719	54.33	
GEI Consultants	4/22/20	1720	2,636.16	
O'Laughlin & Paris	4/22/20	1721	6,930.00	
Provost & Pritchard	4/22/20	1722	40,784.09	
Todd Groundwater	4/22/20	1723	45,881.26	
Members and Participants-grant distrib	4/28/20	1724-1741	37,612.73	
Total Disbursements				229,912.86

Cash Balance, Current Report (April 30, 2020) 208,097.05

Accounts Receivable

Receivables from Members/Participants (Exhibit C)		953.92	
Other Receivables:			
Prop 1 Distress Grant - 5% retention Req #2 (Gen Acct)	8,415.39		
Prop 1 Distress Grant - 10% retention Req #3 (Gen Acct)	6,669.22		
ITRC Grant - 10% retention Req #1	3,120.64		
ITRC Grant - 10% retention Req #2	127.75		
ITRC Grant - 10% retention Req #3	26.04		
ITRC Grant - 10% retention Req #4	18.59		
ITRC Grant - 10% retention Req #5	32.27		
ITRC Grant - 10% retention Req #6	22.97		
Prop 1 SGMA Grant - 10% retention Req #1	69,769.74		
Prop 1 SGMA Grant - 10% retention Req #2	4,179.19		
Prop 1 SGMA Grant - Req #3	212,494.75		
Grant Receivable - see Exhibit D		304,876.55	
Total Receivables			305,830.47

Accounts Payable

See Attached A/P Detail (Exhibit E)	33,756.47
Accrued Payables - 2019 Audit Fee	10,500.00

Net Assets, April 30, 2020 **469,671.05**

Exhibit B

Kern Groundwater Authority
Treasurer's Report - Deposits through May 21, 2020

Cash Call Deposits - May 1 - May 21, 2020	Dep Date	Amount	
Deposits Gen Admin Costs - Cash Call			-
Deposit - Other			-
Eastside WMA	5/18/2020	953.92	
Deposits Prop 68 - Cash Call			953.92
Deposit - Grant Proceeds			-
Total Deposits (thru 5/21/20)			**$ 953.92**

Exhibit C

Kern Groundwater Authority

Treasurer's Report - Accounts Receivable detail as of April 30, 2020

Customer	Description	Invoice #	Invoice Date	Invoice Amount
Eastside Water MA	Prop 68	2019-88	10/31/2019	953.92
	TOTAL RECEIVABLES - MEMBERS/PARTICIPANTS @ 4/30/20			**$ 953.92**

Exhibit D

Kern Groundwater Authority

Treasurer's Report - Grant Detail as of April 30, 2020

Agency	Description	Date of Submittal	Invoice Amount	Amount Received	Date Received	Rem. Balance Due	Retention %
DWR	Prop1-Distress Draw#1	12/21/2017	168,307.80	159,892.41	6/11/2018	8,415.39	5%
DWR	Prop1-Distress Draw#3	3/23/2018	66,692.20	60,022.98	8/22/2018	6,669.22	10%
DWR	ITRC - Draw #1:	8/1/2018					
	General Account		120.00	108.00	1/16/2019	12.00	10%
	SAA #1		12,500.00	11,250.00	1/16/2019	1,250.00	10%
	SAA #4		18,586.38	16,727.74	1/16/2019	1,858.64	10%
			31,206.38	28,085.74		3,120.64	
DWR	ITRC - Draw #2:	10/31/2018					
	General Account		738.84	664.96	1/16/2019	73.88	10%
	SAA #1		538.66	484.79	1/16/2019	53.87	10%
			1,277.50	1,149.75		127.75	
DWR	ITRC - Draw #3:	1/29/2019					
	SAA #1		260.44	234.40	4/9/2019	26.04	10%
DWR	ITRC - Draw #4:						
	SAA #1	4/30/2019	185.94	167.35	7/19/2019	18.59	10%
DWR	ITRC - Draw #5:						
	SAA #1	7/26/2019	322.67	290.40	10/23/2019	32.27	10%
DWR	ITRC - Draw #6:						
	SAA #1	10/29/2019	229.66	206.69	4/15/2020	22.97	10%
DWR	Prop1-SGMA Draw#1:	5/31/2019					
#132	Component #2-Todd GW	as adjusted	244,878.23	220,390.41	1/27/2020	24,487.82	10%
#131,133,Gen	Component #3-W.C.+Admin		91,977.25	82,779.53	1/27/2020	9,197.72	10%
#140,Gen	Component #4		197,279.63	177,551.67	1/27/2020	19,727.96	10%
#140,Gen	Component #5		163,562.40	147,206.16	1/27/2020	16,356.24	10%
			697,697.51	627,927.77		69,769.74	
DWR	Prop1-SGMA Draw#2:	7/31/2019					
#132	Component #2-Todd GW		-				
#131,133,Gen	Component #3-W.C.+Admin		2,414.00	2,172.60	4/9/2020	241.40	10%
#140	Component #4		-				
#100,140	Component #5		39,377.92	35,440.13	4/9/2020	3,937.79	10%
			41,791.92	37,612.73		4,179.19	
DWR	Prop1-SGMA Draw#3:	10/31/2019					
	Component #2-None		-				
#133,Gen	Component #3-W.C.+Admin		51,178.75				
#140,#100	Component #4-GSP+Outreach		82,992.32				
#100	Component #5-TO #18		78,323.68				
			212,494.75			212,494.75	
		Total Billed:	1,220,466.77				
	TOTAL GRANTS OUTSTANDING as of 4/30/20					**304,876.55**	

Exhibit E

Kern Groundwater Authority

Treasurer's Report - Accounts Payable detail as of April 30, 2020

Vendor	Description	Invoice #	Invoice Date	Invoice Amount	
GAN Conferencing	Meeting Conferencing-Apr-20	44033	5/1/2020	115.90	
O'Laughlin & Paris, LLP	General Legal Services-Apr-20	9424	4/30/2020	5,005.00	
GEI Consultants	T.O. #18 - GSP	3061650	11/6/2019	8,247.47	incl credits
	TOTAL PAYABLES REQUEST at this Meeting			**$ 13,368.37**	
ADDITONAL PAYABLES on HOLD:					
Provost & Pritchard	Management Services	78979	5/20/2020	20,388.10	Pending Review
	GRAND TOTAL PAYABLES @ 4/30/20			**$ 33,756.47**	

Exhibit F

Kern Groundwater Authority
Statement of Net Position
As of April 30, 2020

Assets

Current Assets		
Cash		208,097
Accounts Receivable-Members/Participants		954
Accounts Receivable-Grants		304,876
Total Current Assets		513,927
Total Assets		**513,927**

Liabilities and Net Position

Current Liabilities		
Accounts Payable		33,756
Accrued Payables		10,500
Total Current Liabilities		44,256
Net Position		
KGA JPA - #100		
Current Earnings	(127,317)	
Net Position - Prior Year	507,512	
Adjust Prop1 SGMA grant revenue	23,267	
Adjust GEI TO#18 2019 invoice #3061650	84	
Accrue Barbich 2019 audit fee	(10,500)	
Accrue Todd GW annual reporting Dec 2019 invoice	(11,013)	
Accrue P&P Mgmt/Admin Dec 2019 invoice	(13,827)	
Accrue P&P Grant Admin Dec 2019 invoice	(4,540)	
Accrue OLP Dec 2019 invoice	(18,445)	
Accrue GEI T.O. #7 and #18 Dec 2019 invoice	(25,006)	320,216
Evapotranspiration Study - SAA 1 - #110		
Current Earnings	(361)	
Net Position - Prior Year	(13,714)	
Accrue P&P Grant Admin Dec 2019 invoice	(215)	(14,289)
Kern River GSA Groundwater Model - #130-133 (combined)		
Current Earnings	(269,815)	
Net Position - Prior Year	325,194	
Adjust Prop1 SGMA grant revenue	(5)	55,374
KGA GSA - SAA 3 - #120		
Current Earnings	-	
Net Position - Prior Year	-	-
KGA GSP - SAA 4 - #140		
Current Earnings	(269,028)	
Net Position - Prior Year	416,119	
Adjust Prop1 SGMA grant revenue	(23,267)	
Accrue GSP Dec 2019 invoice	(15,454)	108,370
Total Net Position		469,671
Total Liabilities and Net Position		**513,927**

Exhibit F

Kern Groundwater Authority
Statement of Revenues and Expenses
4 Months Ended April 30, 2020

	Current Month								Year to Date - 2020							
	KGA JPA Dept. 100	ET Study SAA #1 Dept. 110	Phase 1 - RMC Peer Review - Dept. 131	Phase 2 - RMC Peer Review - Dept. 133	TODD GW MODELING Dept. 132	KGA GSA SAA #3 Dept. 120	KGA GSP SAA #4 Dept. 140	Combined	KGA JPA Dept. 100	ET Study SAA #1 Dept. 110	Phase 1 - RMC Peer Review - Dept. 131	Phase 2 - RMC Peer Review - Dept. 133	TODD GW MODELING Dept. 132	KGA GSA SAA #3 Dept. 120	KGA GSP SAA #4 Dept. 140	Combined
Member Contributions(Refunds)	-	-	-	-	-	-	-	-	287,924	-	-	-	-	-	-	287,924
Grant Revenue (Member Refunds)	(36,101)	-	-	-	-	-	(1,512)	(37,613)	(170,381)	-	(30,119)	(19,305)	(220,390)	-	(225,345)	(665,541)
Total Revenue	(36,101)	-	-	-	-	-	(1,512)	(37,613)	117,543	-	(30,119)	(19,305)	(220,390)	-	(225,345)	(377,616)
Accounting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering	-	-	-	-	-	-	-	-	35,677	-	-	-	-	-	43,683	79,361
Legal	5,005	-	-	-	-	-	-	5,005	29,890	-	-	-	-	-	-	29,890
Office Supplies / Bank	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Outside Services	20,504	-	-	-	-	-	-	20,504	179,293	361	-	-	-	-	-	179,653
Total Expenses	25,509	-	-	-	-	-	-	25,509	244,860	361	-	-	-	-	43,683	288,904
Change in Net Position - Current Earnings	(61,610)	-	-	-	-	-	(1,512)	(63,122)	(127,317)	(361)	(30,119)	(19,305)	(220,390)	-	(269,028)	(666,520)

P.O. Box 81435
Bakersfield, CA 93380-1435
Administration
Telephone: 661-393-2696
Facsimile: 661-393-6884

33380 Cawelo Avenue
Bakersfield, CA 93308-9575
Water Orders and Operations
Telephone: 661-393-3361
www.northkernwsd.com

NORTH KERN WATER STORAGE DISTRICT

June 24, 2020

TO: Kern Groundwater Authority Members

FROM: Richard Diamond, General Manager

RECOMMENDED MOTION

Approve the Treasurer's Report as presented and ratify Executive Committee authorization of accounts payable disbursement for the month of May 2020 in the amount of $37,945.24 as detailed in **Exhibit D.**

DISCUSSION

Exhibit A is the Treasurer's Report for the Authority's financial activities from May 1, 2020 through May 31, 2020. Cash deposits for the month were $953.92 representing the final collection of the 2020 Cash Calls to date. There were disbursements of $13,368.37 during the month. The cash balance at May 31, 2020 was $195,682.60. There were no subsequent cash receipts and deposits for June 2020.

The Accounts Receivable balance from Members and Participants at May 31, 2020 is zero as all amounts have been collected and deposited. Receivable from Grants as of May 31, 2020 totals $304,876.55 as detailed in **Exhibit B**. Total of all Accounts Receivable at May 31, 2020 was $304,876.55, which represent outstanding grant proceeds.

Exhibit D is the detail of Accounts Payable as of May 31, 2020 reflecting outstanding payables total of $37,945.24. These outstanding invoices for May 2020 were approved for payment by the Executive Committee on June 22, 2020.

Exhibit D is the Authority's unaudited financial statements at May 31, 2020. They include a Statement of Net Position as of May 31, 2020 and a Statement of Revenues and Expenses for the five months ended May 31, 2020. Both statements present the financial position and results of the Authority's activities for the general JPA membership and each specific Special Activity Agreements. Please direct questions regarding the above to the Fiscal Agent, North Kern Water Storage District's General Manager, Richard Diamond (rdiamond@northkernwsd.com). You may also reach him at the District's Office at 661-393-2696.

Exhibit A
Kern Groundwater Authority
Treasurer's Report - through May 31, 2020

CURRENT ACTIVITY

Cash Balance, Prior Report (April 30, 2020)				208,097.05
Deposits	**Date**	Purpose	**Amount**	
Eastside Water MA	5/18/2020	Prop 68	953.92	
Total Deposits				953.92
Disbursements	**Date**	**Ck #**	**Amount**	
GAN Conferencing	5/21/20	1742	115.90	
GEI Consultants	5/21/20	1744	8,247.47	
O'Laughlin & Paris, LLP	5/21/20	1743	5,005.00	
Total Disbursements				13,368.37
Cash Balance, Current Report (May 31, 2020)				195,682.60
Accounts Receivable				
Receivables from Members/Participants			-	
Other Receivables:				
Prop 1 Distress Grant - 5% retention Req #2 (Gen Acct)		8,415.39		
Prop 1 Distress Grant - 10% retention Req #3 (Gen Acct)		6,669.22		
ITRC Grant - 10% retention Req #1		3,120.64		
ITRC Grant - 10% retention Req #2		127.75		
ITRC Grant - 10% retention Req #3		26.04		
ITRC Grant - 10% retention Req #4		18.59		
ITRC Grant - 10% retention Req #5		32.27		
ITRC Grant - 10% retention Req #6		22.97		
Prop 1 SGMA Grant - 10% retention Req #1		69,769.74		
Prop 1 SGMA Grant - 10% retention Req #2		4,179.19		
Prop 1 SGMA Grant - Req #3		212,494.75		
Grant Receivable - see Exhibit B			304,876.55	
Total Receivables				304,876.55
Accounts Payable				
See Attached A/P Detail (Exhibit C)				37,945.24
Accrued Payables - 2019 Audit Fee				5,500.00
Net Assets, May 31, 2020				**457,113.91**

Exhibit B

Kern Groundwater Authority

Treasurer's Report - Grant Detail as of April 30, 2020

Agency	Description	Date of Submittal	Invoice Amount	Amount Received	Date Received	Rem. Balance Due	Retention %
DWR	Prop1-Distress Draw#1	12/21/2017	168,307.80	159,892.41	6/11/2018	8,415.39	5%
DWR	Prop1-Distress Draw#3	3/23/2018	66,692.20	60,022.98	8/22/2018	6,669.22	10%
DWR	ITRC - Draw #1:	8/1/2018					
	General Account		120.00	108.00	1/16/2019	12.00	10%
	SAA #1		12,500.00	11,250.00	1/16/2019	1,250.00	10%
	SAA #4		18,586.38	16,727.74	1/16/2019	1,858.64	10%
			31,206.38	28,085.74		3,120.64	
DWR	ITRC - Draw #2:	10/31/2018					
	General Account		738.84	664.96	1/16/2019	73.88	10%
	SAA #1		538.66	484.79	1/16/2019	53.87	10%
			1,277.50	1,149.75		127.75	
DWR	ITRC - Draw #3:	1/29/2019					
	SAA #1		260.44	234.40	4/9/2019	26.04	10%
DWR	ITRC - Draw #4:						
	SAA #1	4/30/2019	185.94	167.35	7/19/2019	18.59	10%
DWR	ITRC - Draw #5:						
	SAA #1	7/26/2019	322.67	290.40	10/23/2019	32.27	10%
DWR	ITRC - Draw #6:						
	SAA #1	10/29/2019	229.66	206.69	4/15/2020	22.97	10%
DWR	Prop1-SGMA Draw#1:	5/31/2019					
#132	Component #2-Todd GW	as adjusted	244,878.23	220,390.41	1/27/2020	24,487.82	10%
#131,133,Gen	Component #3-W.C.+Admin		91,977.25	82,779.53	1/27/2020	9,197.72	10%
#140,Gen	Component #4		197,279.63	177,551.67	1/27/2020	19,727.96	10%
#140,Gen	Component #5		163,562.40	147,206.16	1/27/2020	16,356.24	10%
			697,697.51	627,927.77		69,769.74	
DWR	Prop1-SGMA Draw#2:	7/31/2019					
#132	Component #2-Todd GW						
#131,133,Gen	Component #3-W.C.+Admin		2,414.00	2,172.60	4/9/2020	241.40	10%
#140	Component #4						
#100,140	Component #5		39,377.92	35,440.13	4/9/2020	3,937.79	10%
			41,791.92	37,612.73		4,179.19	
DWR	Prop1-SGMA Draw#3:	10/31/2019					
	Component #2-None						
#133,Gen	Component #3-W.C.+Admin		51,178.75				
#140,#100	Component #4-GSP+Outreach		82,992.32				
#100	Component #5-TO #18		78,323.68				
			212,494.75			212,494.75	
		Total Billed:	1,220,466.77				
		TOTAL GRANTS OUTSTANDING as of 4/30/20				**304,876.55**	

Exhibit C

Kern Groundwater Authority

Treasurer's Report - Accounts Payable detail as of May 31, 2020

Vendor	Description	Invoice #	Invoice Date	Invoice Amount
GAN Conferencing	Meeting Conferencing-May-20	44620	6/1/2020	70.31
O'Laughlin & Paris, LLP	General Legal Services-May-20	1049	6/1/2020	2,940.00
GEI Consultants	T.O. #7 Amendmt4	3072107	6/8/2020	235.83
Provost & Pritchard	Prop 1 WUE Grant Admin	79025	5/21/2020	222.30
	Management Services	78979	5/20/2020	20,388.10
Barbich Hooper King	2019 Audit	131202	5/31/2020	5,000.00
Todd Groundwater	GSP Annual Report	62310 620	6/8/2020	9,088.70
	TOTAL PAYABLES REQUEST at this Meeting			**$ 37,945.24**
ADDITONAL PAYABLES on HOLD:		None		0.00
	GRAND TOTAL PAYABLES @ 5/31/20			**$ 37,945.24**

Exhibit D

Kern Groundwater Authority
Statement of Net Position
As of May 31, 2020

Assets

Current Assets		
Cash		195,683
Accounts Receivable-Members/Participants		-
Accounts Receivable-Grants		304,877
Total Current Assets		500,559
Total Assets		**500,559**

Liabilities and Net Position

Current Liabilities		
Accounts Payable		37,945
Accrued Payables		5,500
Total Current Liabilities		43,445
Net Position		
KGA JPA - #100		
Current Earnings	(168,148)	
Net Position - Prior Year	507,512	
Adjust Prop1 SGMA grant revenue	23,267	
Adjust GEI TO#18 2019 invoice #3061650	84	
Accrue Barbich 2019 audit fee	(10,500)	
Accrue Todd GW annual reporting Dec 2019 invoice	(11,013)	
Accrue P&P Mgmt/Admin Dec 2019 invoice	(13,827)	
Accrue P&P Grant Admin Dec 2019 invoice	(4,540)	
Accrue OLP Dec 2019 invoice	(18,445)	
Accrue GEI T.O. #7 and #18 Dec 2019 invoice	(25,006)	279,385
Evapotranspiration Study - SAA 1 - #110		
Current Earnings	(583)	
Net Position - Prior Year	(13,714)	
Accrue P&P Grant Admin Dec 2019 invoice	(215)	(14,512)
Kern River GSA Groundwater Model - #130-133 (combined)		
Current Earnings	(269,815)	
Net Position - Prior Year	325,194	
Adjust Prop1 SGMA grant revenue	(5)	55,374
KGA GSA - SAA 3 - #120		
Current Earnings	-	
Net Position - Prior Year	-	-
KGA GSP - SAA 4 - #140		
Current Earnings	(240,531)	
Net Position - Prior Year	416,119	
Adjust Prop1 SGMA grant revenue	(23,267)	
Accrue GSP Dec 2019 invoice	(15,454)	136,866
Total Net Position		457,114
Total Liabilities and Net Position		**500,559**

Exhibit D

Kern Groundwater Authority
Statement of Revenues and Expenses
5 Months Ended May 31, 2020

	Current Month								Year to Date - 2020							
	KGA JPA Dept. 100	ET Study SAA #1 Dept. 110	Phase 1 - RMC Peer Review - Dept. 131	Phase 2 - RMC Peer Review - Dept. 133	TODD GW MODELING Dept. 132	KGA GSA SAA #3 Dept. 120	KGA GSP SAA #4 Dept. 140	Combined	KGA JPA Dept. 100	ET Study SAA #1 Dept. 110	Phase 1 - RMC Peer Review - Dept. 131	Phase 2 - RMC Peer Review - Dept. 133	TODD GW MODELING Dept. 132	KGA GSA SAA #3 Dept. 120	KGA GSP SAA #4 Dept. 140	Combined
Member Contributions(Refunds)	-	-	-	-	-	-	-	-	287,924	-	-	-	-	-	-	287,924
Grant Revenue (Member Refunds)	-	-	-	-	-	-	-	-	(170,381)	-	(30,119)	(19,305)	(220,390)	-	(225,345)	(665,541)
Total Revenue	-	-	-	-	-	-	-	-	117,543	-	(30,119)	(19,305)	(220,390)	-	(225,345)	(377,616)
Accounting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering	-	-	-	-	-	-	-	-	35,677	-	-	-	-	-	43,683	79,361
Reclass: Engineering	-	-	-	-	-	-	(28,497)	(28,497)	-	-	-	-	-	-	(28,497)	(28,497)
Legal	2,940	-	-	-	-	-	-	2,940	32,830	-	-	-	-	-	-	32,830
Office Supplies / Bank	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Outside Services	9,395	222	-	-	-	-	-	9,617	188,687	583	-	-	-	-	-	189,270
Reclass:Other Outside Services	28,497	-	-	-	-	-	-	28,497	28,497	-	-	-	-	-	-	28,497
Total Expenses	40,831	222	-	-	-	-	(28,497)	12,557	285,692	583	-	-	-	-	15,186	301,461
Change in Net Position - Current Earnings	(40,831)	(222)	-	-	-	-	28,497	(12,557)	(168,148)	(583)	(30,119)	(19,305)	(220,390)	-	(240,531)	(679,077)

P.O. Box 81435
Bakersfield, CA 93380-1435
Administration
Telephone: 661-393-2696
Facsimile: 661-393-6884

33380 Cawelo Avenue
Bakersfield, CA 93308-9575
Water Orders and Operations
Telephone: 661-393-3361
www.northkernwsd.com

NORTH KERN WATER STORAGE DISTRICT

July 22, 2020

TO: Kern Groundwater Authority Members

FROM: Richard Diamond, General Manager

RECOMMENDED MOTION

Approve the Treasurer's Report as presented and authorize disbursement of accounts payable in the amount of $20,879.08 for the month of June as detailed on **Exhibit D.**

DISCUSSION

Exhibit A is the Treasurer's Report for the Authority's financial activities from June 1, 2020 through June 30, 2020. There were no Cash deposits during the month but there were disbursements in the amount of $37,945.24. The cash balance at June 30, 2020 was $157,737.36. There was a subsequent cash receipt of $15,625.00 in July 2020.

The Accounts Receivable balance from Members and Participants at June 30, 2020 was $15,625.00 which was collected and deposited in July. Receivable from Grants as of June 30, 2020 totals $304,876.55 as detailed in **Exhibit C**. Total of all Accounts Receivable at June 30, 2020 was $320,501.55, primarily from outstanding grant proceeds.

Exhibit D is the detail of Accounts Payable as of June 30, 2020. Outstanding payables total $20,879.08, which is being requested for payment approval at this time.

Exhibit E is the Authority's unaudited financial statements at June 30, 2020. They include a Statement of Net Position as of June 30, 2020 and a Statement of Revenues and Expenses for the six months ended June 30, 2020. Both statements present the financial position and results of the Authority's activities for the general JPA membership and each specific Special Activity Agreements. Please direct questions regarding the above to the Fiscal Agent, North Kern Water Storage District's General Manager, Richard Diamond (rdiamond@northkernwsd.com). You may also reach him at the District's Office at 661-393-2696.

Exhibit A
Kern Groundwater Authority
Treasurer's Report - through June 30, 2020

CURRENT ACTIVITY

Cash Balance, Prior Report (May 31, 2020)				195,682.60
Deposits	**Date**	Purpose	**Amount**	
NONE				
Total Deposits				-
Disbursements	**Date**	**Ck #**	**Amount**	
Barbich Hooper King Dill Hoffman	6/30/20	1745	5,000.00	
GAN Conferencing	6/30/20	1746	70.31	
GEI Consultants	6/30/20	1747	235.83	
O'Laughlin & Paris, LLP	6/30/20	1748	2,940.00	
Provost & Pritchard	6/30/20	1749	20,610.40	
Todd Groundwater	6/30/20	1750	9,088.70	
Total Disbursements				37,945.24
Cash Balance, Current Report (June 30, 2020)				157,737.36
Accounts Receivable				
Receivables from Members/Participants (Exhibit B)			15,625.00	
Other Receivables:				
Prop 1 Distress Grant - 5% retention Req #2 (Gen Acct)		8,415.39		
Prop 1 Distress Grant - 10% retention Req #3 (Gen Acct)		6,669.22		
ITRC Grant - 10% retention Req #1		3,120.64		
ITRC Grant - 10% retention Req #2		127.75		
ITRC Grant - 10% retention Req #3		26.04		
ITRC Grant - 10% retention Req #4		18.59		
ITRC Grant - 10% retention Req #5		32.27		
ITRC Grant - 10% retention Req #6		22.97		
Prop 1 SGMA Grant - 10% retention Req #1		69,769.74		
Prop 1 SGMA Grant - 10% retention Req #2		4,179.19		
Prop 1 SGMA Grant - Req #3		212,494.75		
Grant Receivable - see Exhibit C			304,876.55	
Total Receivables				320,501.55
Accounts Payable				
See Attached A/P Detail (Exhibit D)				20,879.08
Accrued Payables - 2019 Audit Fee				5,500.00
Net Assets, June 30, 2020				**451,859.83**

Exhibit B

Kern Groundwater Authority

Treasurer's Report - Accounts Receivable detail as of June 30, 2020

Customer	Description	Invoice #	Invoice Date	Invoice Amount
Shafter-Wasco 7th Std Annex	GEI T.O.#18	2020-20	6/22/2020	15,625.00
	TOTAL RECEIVABLES - MEMBERS/PARTICIPANTS @ 6/30/20			$ 15,625.00

Exhibit C

Kern Groundwater Authority

Treasurer's Report - Grant Detail as of June 30, 2020

Agency	Description	Date of Submittal	Invoice Amount	Amount Received	Date Received	Rem. Balance Due	Retention %
DWR	Prop1-Distress Draw#1	12/21/2017	168,307.80	159,892.41	6/11/2018	8,415.39	5%
DWR	Prop1-Distress Draw#3	3/23/2018	66,692.20	60,022.98	8/22/2018	6,669.22	10%
DWR	ITRC - Draw #1:	8/1/2018					
	General Account		120.00	108.00	1/16/2019	12.00	10%
	SAA #1		12,500.00	11,250.00	1/16/2019	1,250.00	10%
	SAA #4		18,586.38	16,727.74	1/16/2019	1,858.64	10%
			31,206.38	28,085.74		3,120.64	
DWR	ITRC - Draw #2:	10/31/2018					
	General Account		738.84	664.96	1/16/2019	73.88	10%
	SAA #1		538.66	484.79	1/16/2019	53.87	10%
			1,277.50	1,149.75		127.75	
DWR	ITRC - Draw #3:	1/29/2019					
	SAA #1		260.44	234.40	4/9/2019	26.04	10%
DWR	ITRC - Draw #4:						
	SAA #1	4/30/2019	185.94	167.35	7/19/2019	18.59	10%
DWR	ITRC - Draw #5:						
	SAA #1	7/26/2019	322.67	290.40	10/23/2019	32.27	10%
DWR	ITRC - Draw #6:						
	SAA #1	10/29/2019	229.66	206.69	4/15/2020	22.97	10%
DWR	Prop1-SGMA Draw#1:	5/31/2019					
#132	Component #2-Todd GW	as adjusted	244,878.23	220,390.41	1/27/2020	24,487.82	10%
#131,133,Gen	Component #3-W.C.+Admin		91,977.25	82,779.53	1/27/2020	9,197.72	10%
#140,Gen	Component #4		197,279.63	177,551.67	1/27/2020	19,727.96	10%
#140,Gen	Component #5		163,562.40	147,206.16	1/27/2020	16,356.24	10%
			697,697.51	627,927.77		69,769.74	
DWR	Prop1-SGMA Draw#2:	7/31/2019					
#132	Component #2-Todd GW		-				
#131,133,Gen	Component #3-W.C.+Admin		2,414.00	2,172.60	4/9/2020	241.40	10%
#140	Component #4		-				
#100,140	Component #5		39,377.92	35,440.13	4/9/2020	3,937.79	10%
			41,791.92	37,612.73		4,179.19	
DWR	Prop1-SGMA Draw#3:	10/31/2019					
	Component #2-None		-				
#133,Gen	Component #3-W.C.+Admin		51,178.75				
#140,#100	Component #4-GSP+Outreach		82,992.32				
#100	Component #5-TO #18		78,323.68				
			212,494.75			212,494.75	
		Total Billed:	1,220,466.77				
	TOTAL GRANTS OUTSTANDING as of 6/30/20					**304,876.55**	

Exhibit D

Kern Groundwater Authority

Treasurer's Report - Accounts Payable detail as of June 30, 2020

Vendor	Description	Invoice #	Invoice Date	Invoice Amount
GAN Conferencing	Meeting Conferencing-Jun-20	44983	7/1/2020	80.58
O'Laughlin & Paris, LLP	General Legal Services-Jun-20	1089	7/1/2020	4,200.00
Provost & Pritchard	Prop 1 WUE Grant Admin-Mar20	78488	4/17/2020	342.00
	Prop 1 WUE Grant Admin-Jun20	79795	7/10/2020	256.50
ITRC	ITRC-Metric Evap Annual Report	7.2.2020	7/2/2020	16,000.00
	TOTAL PAYABLES REQUEST at this Meeting			**$ 20,879.08**
ADDITONAL PAYABLES on HOLD:		None		0.00
	GRAND TOTAL PAYABLES @ 6/30/20			**$ 20,879.08**

Exhibit E

Kern Groundwater Authority
Statement of Net Position
As of June 30, 2020

Assets

Current Assets		
Cash		157,737
Accounts Receivable-Members/Participants		15,625
Accounts Receivable-Grants		304,877
Total Current Assets		478,239
Total Assets		**478,239**

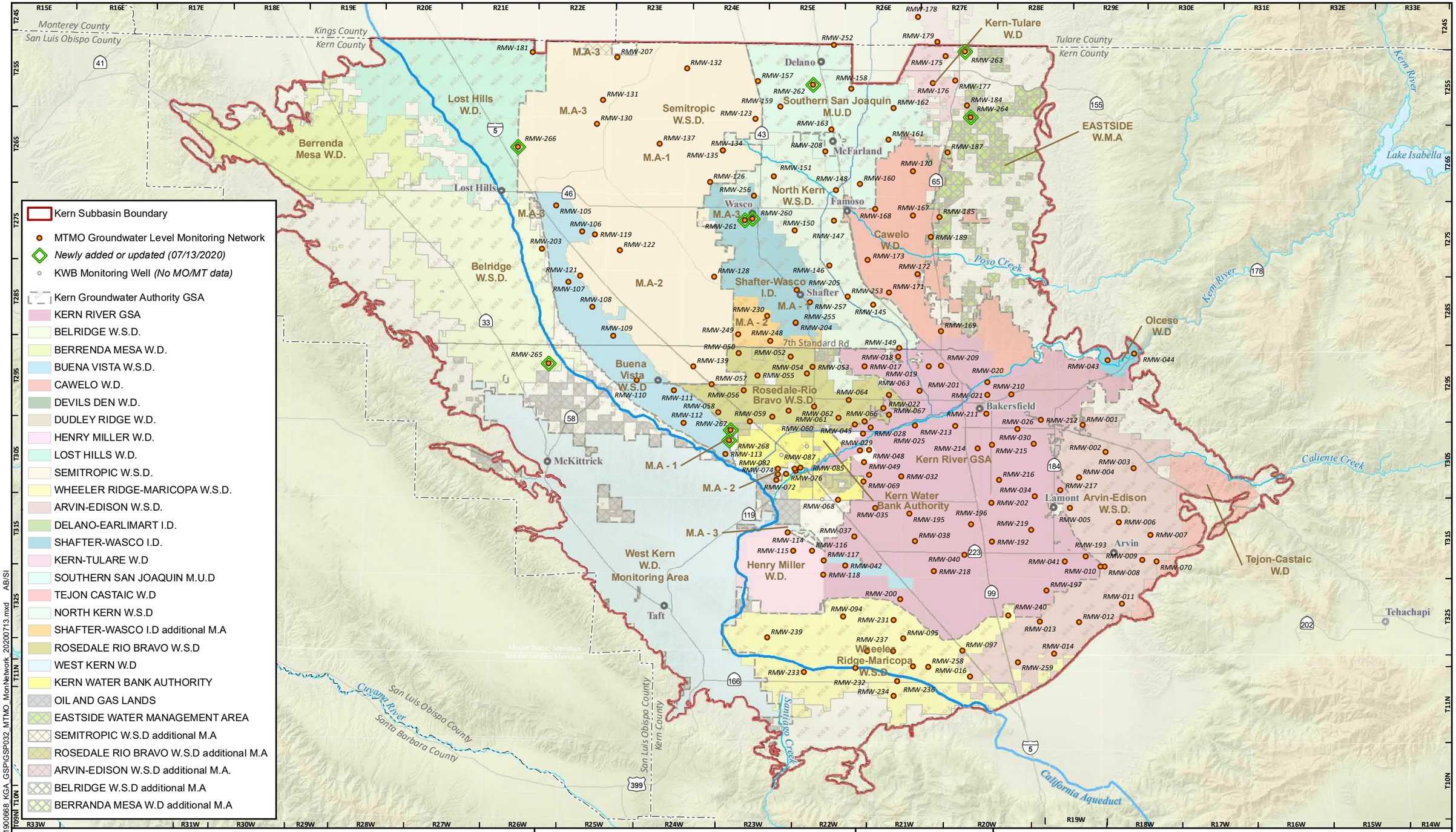
Liabilities and Net Position

Current Liabilities		
Accounts Payable		20,879
Accrued Payables		5,500
Total Current Liabilities		26,379
Net Position		
KGA JPA - #100		
Current Earnings	(172,804)	
Net Position - Prior Year	507,512	
Adjust Prop1 SGMA grant revenue	23,267	
Adjust GEI TO#18 2019 invoice #3061650	84	
Accrue Barbich 2019 audit fee	(10,500)	
Accrue Todd GW annual reporting Dec 2019 invoice	(11,013)	
Accrue P&P Mgmt/Admin Dec 2019 invoice	(13,827)	
Accrue P&P Grant Admin Dec 2019 invoice	(4,540)	
Accrue OLP Dec 2019 invoice	(18,445)	
Accrue GEI T.O. #7 and #18 Dec 2019 invoice	(25,006)	274,729
Evapotranspiration Study - SAA 1 - #110		
Current Earnings	(1,182)	
Net Position - Prior Year	(13,714)	
Accrue P&P Grant Admin Dec 2019 invoice	(215)	(15,110)
Kern River GSA Groundwater Model - #130-133 (combined)		
Current Earnings	(269,815)	
Net Position - Prior Year	325,194	
Adjust Prop1 SGMA grant revenue	(5)	55,374
KGA GSA - SAA 3 - #120		
Current Earnings	-	
Net Position - Prior Year	-	-
KGA GSP - SAA 4 - #140		
Current Earnings	(240,531)	
Net Position - Prior Year	416,119	
Adjust Prop1 SGMA grant revenue	(23,267)	
Accrue GSP Dec 2019 invoice	(15,454)	136,866
Total Net Position		451,860
Total Liabilities and Net Position		**478,239**

Exhibit E

Kern Groundwater Authority
Statement of Revenues and Expenses
6 Months Ended June 30, 2020

	Current Month								Year to Date - 2020							
	KGA JPA Dept. 100	ET Study SAA #1 Dept. 110	Phase 1 - RMC Peer Review - Dept. 131	Phase 2 - RMC Peer Review - Dept. 133	TODD GW MODELING Dept. 132	KGA GSA SAA #3 Dept. 120	KGA GSP SAA #4 Dept. 140	Combined	KGA JPA Dept. 100	ET Study SAA #1 Dept. 110	Phase 1 - RMC Peer Review - Dept. 131	Phase 2 - RMC Peer Review - Dept. 133	TODD GW MODELING Dept. 132	KGA GSA SAA #3 Dept. 120	KGA GSP SAA #4 Dept. 140	Combined
Member Contributions(Refunds)	15,625	-	-	-	-	-	-	15,625	303,549	-	-	-	-	-	-	303,549
Grant Revenue (Member Refunds)	-	-	-	-	-	-	-	-	(170,381)	-	(30,119)	(19,305)	(220,390)	-	(225,345)	(665,541)
Total Revenue	15,625	-	-	-	-	-	-	15,625	133,168	-	(30,119)	(19,305)	(220,390)	-	(225,345)	(361,991)
Accounting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering	-	-	-	-	-	-	-	-	35,677	-	-	-	-	-	43,683	79,361
Reclass: Engineering	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(28,497)	(28,497)
Legal	4,200	-	-	-	-	-	-	4,200	37,030	-	-	-	-	-	-	37,030
Office Supplies / Bank	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Outside Services	16,081	599	-	-	-	-	-	16,679	204,768	1,182	-	-	-	-	-	205,950
Reclass:Other Outside Services	-	-	-	-	-	-	-	-	28,497	-	-	-	-	-	-	28,497
Total Expenses	20,281	599	-	-	-	-	-	20,879	305,972	1,182	-	-	-	-	15,186	322,340
Change in Net Position - Current Earnings	(4,656)	(599)	-	-	-	-	-	(5,254)	(172,804)	(1,182)	(30,119)	(19,305)	(220,390)	-	(240,531)	(684,331)



Kern Groundwater Authority
Basin Setting

Kern County, California

GEI Consultants

REGIONAL GROUNDWATER LEVEL MONITORING NETWORK

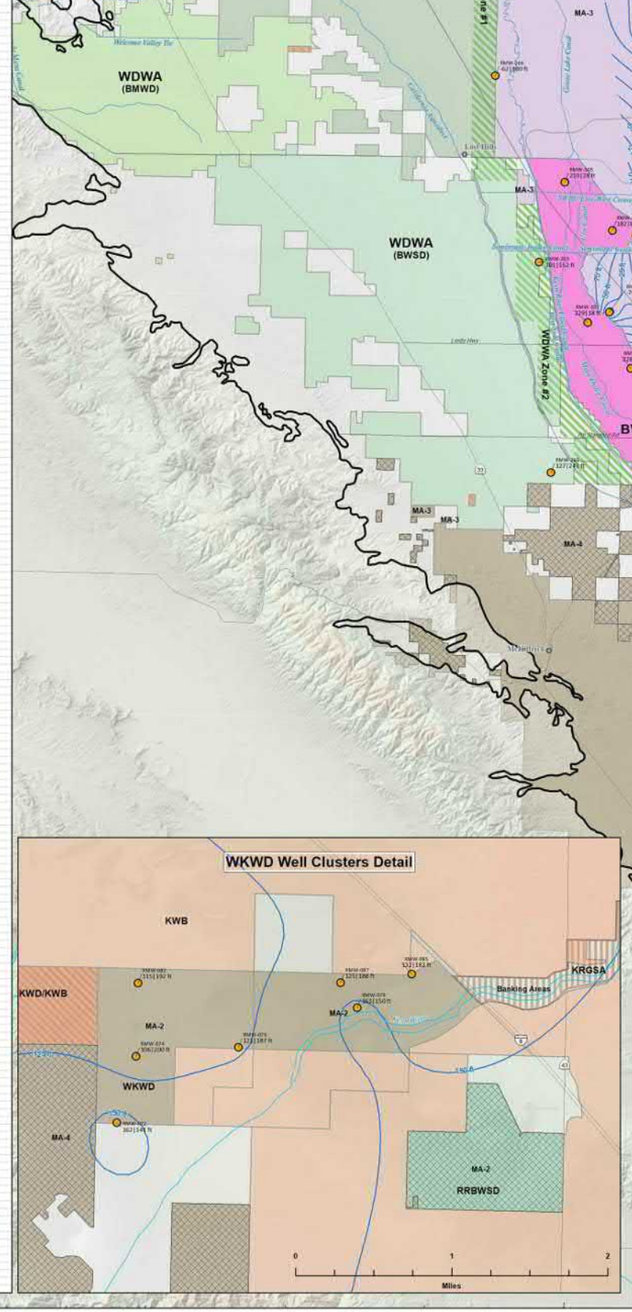
JULY 2020

FIGURE 3-1

Z:\Projects\1900668_KGA_GSP\GSP032_MTMO_MonNetwork_20200713.mxd AB/SI 14/Jul/2020

Sitespec ID	District	Mngt Area	State Well ID	Local ID	Meas. Obj. Elevation (ft)	Meas. Obj. BTW (ft)	Water Quality
RMW-008	AEWSD	ACSD Zone	11S29E34M005M		36	382	N
RMW-030	AEWSD	ACSD Zone		ACSD Well 14	30	370	Y
RMW-002	AEWSD	Edison Zone	30S29E 11N003M		350	537	N
RMW-003	AEWSD	Edison Zone	30S28E13R003M		330	450	N
RMW-001	AEWSD	North Canal Zone	29S29E 33N002M		320	471	N
RMW-004	AEWSD	North Canal Zone	30S29E 20M001M		320	350	Y
RMW-005	AEWSD	North Canal Zone	31S29E09E004M		320	330	N
RMW-006	AEWSD	North Canal Zone	31S29E 12M001M		320	419	N
RMW-007	AEWSD	North Canal Zone	31S28E17M001M		320	397	N
RMW-009	AEWSD	North Canal Zone	31S30E 30K003M		320	360	N
RMW-011	AEWSD	South Canal Zone	32S28E 13P001M		50	420	N
RMW-012	AEWSD	South Canal Zone	32S29E 30H001M		50	367	N
RMW-013	AEWSD	South Canal Zone	32S28E 21H001M		50	321	N
RMW-018	AEWSD	South Canal Zone	32S29E 31R003M		50	412	N
RMW-016	AEWSD	South Canal Zone	11N30W08D002S		50	346	N
RMW-259	AEWSD	South Canal Zone	12N03W36Q001S		50	427	N
RMW-105	BVWSD	Buttonwillow Service Area		DMW01	210	39	YY
RMW-106	BVWSD	Buttonwillow Service Area		DMW02	382	60	YY
RMW-107	BVWSD	Buttonwillow Service Area		DMW04	229	18	YY
RMW-108	BVWSD	Buttonwillow Service Area		DMW05	228	24	YY
RMW-109	BVWSD	Buttonwillow Service Area		DMW06	216	41	YY
RMW-110	BVWSD	Buttonwillow Service Area		DMW07	201	65	YY
RMW-111	BVWSD	Buttonwillow Service Area		DMW08	361	115	YY
RMW-112	BVWSD	Buttonwillow Service Area		DMW10A	138	141	YY
RMW-113	BVWSD	Buttonwillow Service Area		DMW12R	50	238	YY
RMW-167	CWD	Cawelo Main Modified	27S/36I 12H003M	12H	103	377	YY
RMW-169	CWD	Cawelo Main Modified	28S/27E 28L002M	28L	110	470	YY
RMW-170	CWD	Cawelo Main Modified	28S/26J 24R	24R	35	655	YY
RMW-171	CWD	Cawelo Main Modified	28S/28J 13M	13M	3	434	YY
RMW-172	CWD	Cawelo Main Modified	28S/27E 9C	9C	5	603	YY
RMW-173	CWD	Cawelo Main Modified	27S/26J 31C	31C	20	450	YY
RMW-168	CWD	Southern San Joaquin M.U.D.	27S/26J 04R003M	4R	40	445	YY
RMW-184	EWMA	EWMA		EWMA-M06	48	734	YY
RMW-185	EWMA	EWMA		EWMA-R23	136	693	YY
RMW-187	EWMA	EWMA		EWMA-R30	71	878	YY
RMW-188	EWMA	EWMA		EWMA-R41	230	433	YY
RMW-262	EWMA	EWMA		EWMA-R54	N/A	N/A	YY
RMW-264	EWMA	EWMA		EWMA-R10	N/A	N/A	YY
RMW-114	HMWD	Henry Miller W.D.		HMWD #20	147	150	YY
RMW-115	HMWD	Henry Miller W.D.		HMWD #19	134	150	YY
RMW-116	HMWD	Henry Miller W.D.		HMWD #27	139	150	YY
RMW-117	HMWD	Henry Miller W.D.		HMWD #24	140	150	YY
RMW-118	HMWD	Henry Miller W.D.		HMWD #18	137	150	YY
RMW-038	KRGSA	Banking Area	30S/26E03B001	30S/26E-03B01	278	172	Y
RMW-029	KRGSA	Banking Area	30S/30E16B002	30S/34E-16B02	178	168	Y
RMW-030	KRGSA	Irrigated Agricultural Areas	30S/31E11Y001	30S/38E-11Y01	353	274	Y
RMW-031	KRGSA	Irrigated Agricultural Areas	30S/31E22P001	30S/34E-22P01	370	189	N
RMW-034	KRGSA	Irrigated Agricultural Areas	30S/27E35J001	30S/28E-35J01	160	207	N
RMW-029	KRGSA	Irrigated Agricultural Areas	31S/30E03H001	31S/34E-03H01	154	185	N
RMW-037	KRGSA	Irrigated Agricultural Areas	31S/30E36P001	31S/34E-36P01	106	198	N
RMW-038	KRGSA	Irrigated Agricultural Areas	32S/27E 09S001	32S/27E-09S01	124	150	N
RMW-040	KRGSA	Irrigated Agricultural Areas	31S/27E 25Q001	31S/27E-25Q01	153	161	N
RMW-041	KRGSA	Irrigated Agricultural Areas	31S/29E30B001	31S/29E-30B01	127	340	N
RMW-042	KRGSA	Irrigated Agricultural Areas	31S/28E33B	31S/28E-33B	73	237	N
RMW-150	KRGSA	Irrigated Agricultural Areas	31S/29E 30D	31S/29E-30D	147	178	N
RMW-153	KRGSA	Irrigated Agricultural Areas	31S/29E29C	31S/29E-29C	95	151	N
RMW-195	KRGSA	Irrigated Agricultural Areas	31S/27E07B	31S/27E-07B	126	204	N
RMW-196	KRGSA	Irrigated Agricultural Areas	31S/27E12Q	31S/27E-12Q	140	190	N
RMW-197	KRGSA	Irrigated Agricultural Areas	32S/30E01P	32S/35E-01P	84	260	N
RMW-200	KRGSA	Irrigated Agricultural Areas	32S/27E7N	32S/27E-7N	304	185	N
RMW-216	KRGSA	Irrigated Agricultural Areas		30S/28E-09B02	149	210	Y
RMW-217	KRGSA	Irrigated Agricultural Areas		30S/29E-32C	170	270	N
RMW-218	KRGSA	Irrigated Agricultural Areas		31S/27E-33K	360	143	N
RMW-219	KRGSA	Irrigated Agricultural Areas		31S/28E-14Q	130	230	N
RMW-017	KRGSA	Urban Areas	29S/28E09E001	29S/28E-09E01	130	214	N
RMW-018	KRGSA	Urban Areas	29S/26E01E001	29S/26E-01E01	129	350	N
RMW-019	KRGSA	Urban Areas	29S/27E08D001	29S/27E-08D01	216	160	N
RMW-020	KRGSA	Urban Areas	29S/28E10D001	29S/28E-10D01	332	90	N
RMW-021	KRGSA	Urban Areas	29S/26E19E002	29S/26E-19E02	252	197	Y
RMW-022	KRGSA	Urban Areas	29S/26E26A001	29S/26E-26A01	219	146	Y
RMW-025	KRGSA	Urban Areas	30S/27E05D001	30S/27E-05D01	215	160	Y
RMW-026	KRGSA	Urban Areas	30S/28E10D005	30S/28E-10D05	157	224	Y
RMW-032	KRGSA	Urban Areas	30S/26E29A002	30S/26E-29A02	282	166	Y
RMW-201	KRGSA	Urban Areas	29S/27E 20P01	L202	303	230	Y
RMW-203	KRGSA	Urban Areas	31S/29E 32Q	31S/29E-32Q	142	206	Y
RMW-209	KRGSA	Urban Areas		29S/27E 09H	250	238	Y
RMW-210	KRGSA	Urban Areas		29S/28E-21G	237	335	Y
RMW-211	KRGSA	Urban Areas		29S/28E/31E	212	190	Y
RMW-212	KRGSA	Urban Areas		29S/28E/09H	252	271	N
RMW-213	KRGSA	Urban Areas		30S/27E/02D	193	193	Y
RMW-214	KRGSA	Urban Areas		30S/27E/12J	193	198	Y
RMW-215	KRGSA	Urban Areas		30S/28E/08E	362	221	Y
RMW-175	KTWD	Kern-Tulare W.D.	25S27E04P005M	APS	20	583	N
RMW-176	KTWD	Kern-Tulare W.D.	25S27E10D005M	SDC1	20	572	Y
RMW-177	KTWD	Kern-Tulare W.D.	25S27E15P001M	CSPI	20	680	N
RMW-178	KTWD	Kern-Tulare W.D.	24S26E24Q010M	SMQ1	20	452	Y
RMW-179	KTWD	Kern-Tulare W.D.	24S27E33J004M	SPW5	20	534	N
RMW-180	KTWD	Kern-Tulare W.D.	24S27E36J001M	RL2	20	494	N
RMW-145	NKWSD	Old District Management Area		8E-03-009	-52	464	Y
RMW-146	NKWSD	Old District Management Area		6E-09-009	-66	485	Y
RMW-147	NKWSD	Old District Management Area		8R-11-005	-56	473	Y
RMW-148	NKWSD	Old District Management Area		8R-19-014	-57	453	Y
RMW-149	NKWSD	Old District Management Area		9S-10-001	-4	381	Y
RMW-150	NKWSD	Old District Management Area		9S-10-001	-114	489	Y
RMW-151	NKWSD	Old District Management Area		9S-22-004	-135	463	Y
RMW-253	NKWSD	Old District Management Area		Shafter Well 10	-54	451	Y
RMW-043	Olcese Water District	Olcese W.D.		Well 44	361	226	N
RMW-048	Olcese Water District	Olcese W.D.	29S/28E08C002M	Canyon View Ranch Well	603	73	N
RMW-045	Pioneer GSA			#55	111	237	YY
RMW-046	Pioneer GSA			#36	106	197	YY
RMW-049	Pioneer GSA			#51	93	255	YY
RMW-054	Pioneer GSA			#54	93	250	YY
RMW-055	RRBWSD	Central Zone		R. Enns Domestic	108	232	Y
RMW-056	RRBWSD	Central Zone		Section 16	90	232	Y
RMW-057	RRBWSD	Central Zone		Blasco #2 New	83	232	Y
RMW-063	RRBWSD	Central Zone		Causey	82	232	Y
RMW-064	RRBWSD	East Zone		Chett Reed	216	148	Y
RMW-065	RRBWSD	East Zone		Home Place	398	148	Y
RMW-066	RRBWSD	East Zone		Greenley Double	392	148	Y
RMW-067	RRBWSD	East Zone		Harvest Ranch	303	148	Y
RMW-068	RRBWSD	East Zone		Shop Double	318	148	Y
RMW-050	RRBWSD	North Zone		Bushnell	48	248	Y
RMW-052	RRBWSD	North Zone		J.R. Stout	78	248	Y
RMW-053	RRBWSD	North Zone		BBG School	85	248	Y
RMW-069	RRBWSD	South of River Zone (East)		3B/ Triple	214	123	Y
RMW-058	RRBWSD	South of River Zone (West)		32N Triple	193	123	Y
RMW-059	RRBWSD	South Zone		Parsons	127	160	Y
RMW-060	RRBWSD	South Zone		West I-5	143	160	Y
RMW-061	RRBWSD	South Zone		Virgil Bussell	148	160	Y
RMW-062	RRBWSD	South Zone		Maier Double	354	160	Y
RMW-137	SSJMUD	Southern San Joaquin M.U.D.	08S/24E11P002	8	-127	492	Y
RMW-138	SSJMUD	Southern San Joaquin M.U.D.	28S/26E19K001	14	-57	431	Y
RMW-139	SSJMUD	Southern San Joaquin M.U.D.	28S/25E29R002	23	-163	477	Y
RMW-160	SSJMUD	Southern San Joaquin M.U.D.	28S/26E32	53	-59	489	Y
RMW-161	SSJMUD	Southern San Joaquin M.U.D.	28S/26E10	59	-27	550	Y
RMW-162	SSJMUD	Southern San Joaquin M.U.D.	29S/26E26	62	-7	491	Y
RMW-142	SSJMUD	Southern San Joaquin M.U.D.	28S/26E01H002	42	-48	389	Y
RMW-208	SSJMUD	Southern San Joaquin M.U.D.		Taylor Ave Well	-42	405	Y
RMW-252	SSJMUD	Southern San Joaquin M.U.D.		Delano Well 30	-6	345	Y
RMW-262	SSJMUD	Southern San Joaquin M.U.D.		Delano Well 38	-118	413	Y
RMW-230	SWID	7th Standard Extension		69-1	-79	401	N
RMW-240	SWID	7th Standard Extension		28S/25I- 31J	-79	399	N
RMW-249	SWID	7th Standard Extension		28S/24E- 05C	-79	388	Y
RMW-204	SWID	Shafter-Wasco I.D.		Well 15 Active AG	-69	394	Y
RMW-205	SWID	Shafter-Wasco I.D.		Shafter Well 7 Inactive	-65	436	Y
RMW-255	SWID	Shafter-Wasco I.D.		Shafter Well 35	-67	395	Y
RMW-256	SWID	Shafter-Wasco I.D.		Wasco Well 12	-150	481	Y
RMW-257	SWID	Shafter-Wasco I.D.		Shafter Well 34	-67	415	Y
RMW-260	SWID	Shafter-Wasco I.D.		Wasco Well 15	-147	476	Y
RMW-261	SWID	Shafter-Wasco I.D.		Wasco Well 36	-153	475	Y
RMW-119	SWSD	Buttonwillow Improvement District (approx.)		S-01	-127	398	Y
RMW-121	SWSD	Buttonwillow Improvement District (approx.)		S-04	-76	325	Y
RMW-122	SWSD	Buttonwillow Improvement District (approx.)		S-05	-161	402	Y
RMW-139	SWSD	Buttonwillow Improvement District (approx.)		9W8-02	-101	390	Y
RMW-130	SWSD	Groundwater Dependent Ag		S-11	-165	419	Y
RMW-131	SWSD	Groundwater Dependent Ag		S-12	-154	454	Y
RMW-207	SWSD	Groundwater Dependent Ag	28S 23E 07Q2	28S/23E-07Q2	-170	484	Y
RMW-133	SWSD	Pond Poso Improvement District (approx.)		S-06	-209	491	Y
RMW-136	SWSD	Pond Poso Improvement District (approx.)		S-08A	-229	508	Y
RMW-139	SWSD	Pond Poso Improvement District (approx.)		S-09A	-146	444	Y
RMW-132	SWSD	Pond Poso Improvement District (approx.)		S-13A	-200	493	Y
RMW-134	SWSD	Pond Poso Improvement District (approx.)		S-14A	-173	509	Y
RMW-135	SWSD	Pond Poso Improvement District (approx.)		S-14S	-153	505	Y
RMW-137	SWSD	Pond Poso Improvement District (approx.)		S-15S1	-144	470	Y
RMW-070	Tejon-Castac Water District MA	Tejon-Castac W.D.	31S/30E20R005M	RMS-1 (Granzer Well)	350	446	Y
RMW-181	WDWA	Zone #3	35S/21E19D001M		42	278	Y
RMW-246	WDWA	Zone #1	29S/23S 14	Stor-Fr 14	42	200	YY
RMW-203	WDWA	Zone #2	27S/21 30H003M	Well 7506-43	101	152	Y
RMW-245	WDWA	Zone #3	30S/22S-08	Stor-Fr #1	127	242	YY
RMW-067	WKWD	North Project MA		20F	76	221	YY
RMW-068	WKWD	North Project MA		E11	99	191	YY
RMW-072	WKWD	South Project MA		19	162	141	YY
RMW-074	WKWD	South Project MA		24	106	200	YY
RMW-076	WKWD	South Project MA		29	131	187	YY
RMW-079	WKWD	South Project MA		40	263	150	YY
RMW-082	WKWD	South Project MA		B1	115	150	YY
RMW-085	WKWD	South Project MA		B7	132	182	YY
RMW-087	WKWD	South Project MA		10D	125	188	YY
RMW-094	WRWSD	Northeastern Zone MA	32S/28E 30GD03M		0	135	N
RMW-095	WRWSD	Northeastern Zone MA	32S/27E 33M003M		0	352	N
RMW-097	WRWSD	Northeastern Zone MA	32S/27E15R001M		0	346	N
RMW-231	WRWSD	Northeastern Zone MA	32S/26E14K001M		0	157	N
RMW-237	WRWSD	Northeastern Zone MA	32S/26E34P001M		0	427	N
RMW-238	WRWSD	Northeastern Zone MA	32S/26E36P003M		0	402	N
RMW-240	WRWSD	Northeastern Zone MA	32S/25E16P001M		0	236	Y
RMW-232	WRWSD	Southeastern Zone MA	12N/20W01D001S		75	426	N
RMW-234	WRWSD	Southeastern Zone MA	11N/19W36D001S		75	569	N
RMW-235	WRWSD	Southeastern Zone MA	12N/19W04D001S		75	394	N
RMW-236	WRWSD	Southeastern Zone MA	11N/19W09C001S		75	471	N
RMW-258	WRWSD	Southern Zone MA	12N/19W05J001S		75	342	N
RMW-233	WRWSD	Western Zone MA	10S/25W06H001S		200	346	Y
RMW-239	WRWSD	Western Zone MA	32S/29E 29Q001M		200	233	Y

SOURCE:



0 2.5 5 10
Miles

Kern Groundwater Authority

Kern County, CA

GEI Consultants

PRELIMINARY REGIONAL MONITORING NETWORK
MEASURABLE OBJECTIVE

JULY 2020 DRAFT FIGURE

Proposed Measurable Obective Monitoring Well

- Well ID
- MO MSL|BGS
- KWB Monitoring Well *(No MO/MT data)*

Measurable Objective Elevation Contour

Undistricted (Colored where associated with District)

Unresolved Boundary Overlap

DRAFT
SUBJECT TO CHANGE,
FOR DISCUSSION PURPOSES ONLY

Kern Subbasin Boundary

MTMO Groundwater Level Monitoring Network

Measurable Objective (MO) Groundwater Elevation Contour *(ft NAVD88)*

Kern Groundwater Authority GSA

KERN RIVER GSA

BELRIDGE W.S.D.

BERRENDA MESA W.D.

BUENA VISTA W.S.D.

CAWELO W.D.

DEVILS DEN W.D.

DUDLEY RIDGE W.D.

HENRY MILLER W.D.

LOST HILLS W.D.

SEMITROPIC W.S.D.

WHEELER RIDGE-MARICOPA W.S.D.

ARVIN-EDISON W.S.D.

DELANO-EARLIMART I.D.

SHAFTER-WASCO I.D.

KERN-TULARE W.D

SOUTHERN SAN JOAQUIN M.U.D

TEJON CASTAIC W.D

NORTH KERN W.S.D

SHAFTER-WASCO I.D additional M.A

ROSEDALE RIO BRAVO W.S.D

WEST KERN W.D

KERN WATER BANK AUTHORITY

OIL AND GAS LANDS

EASTSIDE WATER MANAGEMENT AREA

SEMITROPIC W.S.D additional M.A

ROSEDALE RIO BRAVO W.S.D additional M.A

ARVIN-EDISON W.S.D additional M.A.

BELRIDGE W.S.D additional M.A

BERRANDA MESA W.D additional M.A

0 3.5 7 14 21

Miles

N W E S

Kern Groundwater Authority
Basin Setting

Kern County, California

GEI Consultants

REGIONAL MEASURABLE OBJECTIVE GROUNDWATER ELEVATION CONTOURS

DECEMBER 2019

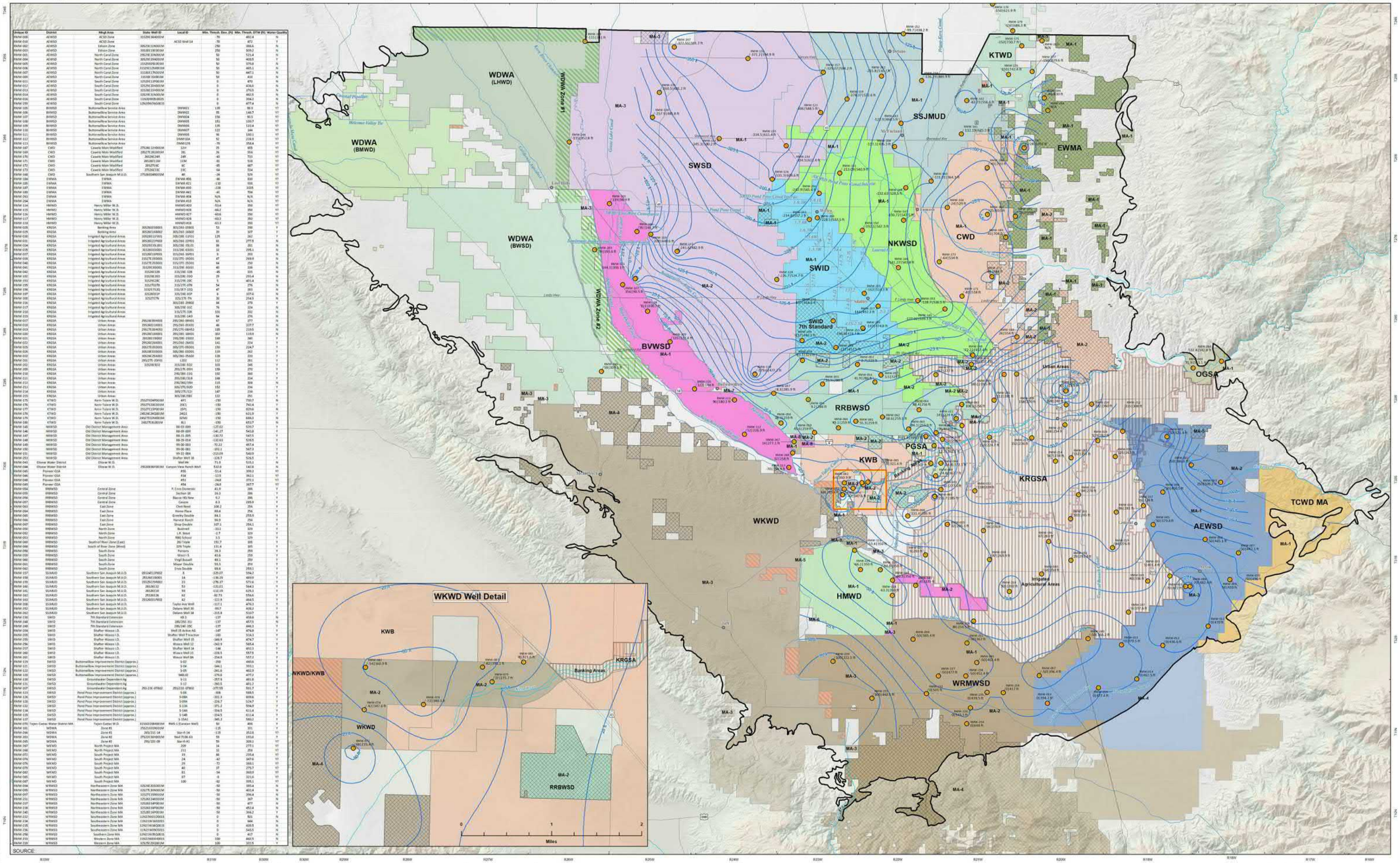
FIGURE 3-3

Z:\Projects\1900668_KGA_GSP\GSP030_MeasObj_Contours_20200713.mxd AB/SI

14Jul2020

Unique ID	District	Mngt Area	State Well ID	Local ID	Min. Thresh. Elev. (ft)	Min. Thresh. DTW (ft)	Water Quality
RMW-008	AEWSD	ACSD Zone	315291S8A001M		-70	482.4	N
RMW-010	AEWSD	ACSD Zone		ACSD Well 14	-70	472	Y
RMW-002	AEWSD	Edison Zone	305Z3N 31N001M		290	386.6	N
RMW-003	AEWSD	Edison Zone	305Z81S8C001M		250	309.2	N
RMW-005	AEWSD	North Canal Zone	295Z3E 33N001M		50	521.4	N
RMW-006	AEWSD	North Canal Zone	305Z9E 29N001M		50	403.5	N
RMW-009	AEWSD	North Canal Zone	315Z9E9B1M001		50	379.9	N
RMW-006	AEWSD	North Canal Zone	315Z91S9A001M		50	405.1	N
RMW-007	AEWSD	North Canal Zone	315Z81S7B001M		50	447.1	N
RMW-009	AEWSD	North Canal Zone	315308 3308 0M		50	434	N
RMW-011	AEWSD	South Canal Zone	325Z91S9D001M		0	470	N
RMW-012	AEWSD	South Canal Zone	325Z9E 20H001M		0	436.6	N
RMW-013	AEWSD	South Canal Zone	325Z8E 21H001M		0	476.5	N
RMW-014	AEWSD	South Canal Zone	328Z9E 31N001M		0	462.5	N
RMW-016	AEWSD	South Canal Zone	11N20W05J002S		0	394.2	N
RMW-259	AEWSD	South Canal Zone	12N20W36G003S		0	477.4	N
RMW-105	BVWSD	Buttonwillow Service Area		DMW01	139	98.9	Y
RMW-106	BVWSD	Buttonwillow Service Area		DMW02	95	140.7	Y
RMW-107	BVWSD	Buttonwillow Service Area		DMW04	156	90.5	Y
RMW-108	BVWSD	Buttonwillow Service Area		DMW05	151	100.7	Y
RMW-109	BVWSD	Buttonwillow Service Area		DMW06	135	122.4	Y
RMW-110	BVWSD	Buttonwillow Service Area		DMW07	122	144	Y
RMW-111	BVWSD	Buttonwillow Service Area		DMW08	96	130.1	Y
RMW-112	BVWSD	Buttonwillow Service Area		DMW10A	92	218.9	Y
RMW-113	BVWSD	Buttonwillow Service Area		DMW12R	-79	358.4	Y
RMW-167	CWD	Caseito Main Modified	27S26E 12H001M	12H	25	603	Y
RMW-169	CWD	Caseito Main Modified	28S27E 28J001M	28J	26	356	Y
RMW-170	CWD	Caseito Main Modified	26S29E24R	24R	-40	733	Y
RMW-171	CWD	Caseito Main Modified	26S28E11M	11M	-35	516	Y
RMW-172	CWD	Caseito Main Modified	28S27E WC	WC	-85	687	Y
RMW-173	CWD	Caseito Main Modified	27S26E33C	33C	-64	554	Y
RMW-348	CWD	Southern San Joaquin M.U.D.	27S26E04R001M	4R	-24	529	Y
RMW-184	EWMA	EWMA		EWMA #86	-46	810	Y
RMW-185	EWMA	EWMA		EWMA #21	-130	938	Y
RMW-187	EWMA	EWMA		EWMA #90	-228	1035	Y
RMW-189	EWMA	EWMA		EWMA #41	-41	704	Y
RMW-261	EWMA	EWMA		EWMA #58	N/A	N/A	Y
RMW-294	EWMA	EWMA		EWMA #18	N/A	N/A	Y
RMW-114	HMWD	Henry Miller W.D.		HMWD #23	-53.4	350	Y
RMW-115	HMWD	Henry Miller W.D.		HMWD #24	-46.2	356	Y
RMW-116	HMWD	Henry Miller W.D.		HMWD #27	-40.6	350	Y
RMW-117	HMWD	Henry Miller W.D.		HMWD #26	-63.3	350	Y
RMW-118	HMWD	Henry Miller W.D.		HMWD #18	-63.3	350	Y
RMW-028	KRGSA	Banking Area	30S26E03D001S	8S/26E-03B01	51	298	Y
RMW-029	KRGSA	Banking Area	30S26E14A002	30S/26E-16A02	39	307	Y
RMW-030	KRGSA	Irrigated Agricultural Areas	29S28E11P001	29S/28E-11P01	125	262	Y
RMW-031	KRGSA	Irrigated Agricultural Areas	28S28E27P003	30S/26E-22P01	65	277.5	N
RMW-034	KRGSA	Irrigated Agricultural Areas	30S26E19L001	30S/26E-19L01	36	201	N
RMW-035	KRGSA	Irrigated Agricultural Areas	31S28E03D001	31S/28E-03D01	31	295.1	N
RMW-037	KRGSA	Irrigated Agricultural Areas	31S28E19P001	31S/26E-36P01	9	293	N
RMW-038	KRGSA	Irrigated Agricultural Areas	32S27E 19S001	32S/27E-19S01	47	269.9	N
RMW-040	KRGSA	Irrigated Agricultural Areas	31S27E 25D001	31S/27E-25D01	64	250	N
RMW-041	KRGSA	Irrigated Agricultural Areas	31S28E30D001	31S/28E-30D01	40	336	N
RMW-042	KRGSA	Irrigated Agricultural Areas	31S26E32B	31S/26E-32B	-45	335	N
RMW-032	KRGSA	Irrigated Agricultural Areas	31S28E28D	31S/28E-29D	29	293.4	N
RMW-033	KRGSA	Irrigated Agricultural Areas	31S29E29C	31S/29E-29C	5	401.4	N
RMW-195	KRGSA	Irrigated Agricultural Areas	32S27E05R	32S/27E-05R	54	276	N
RMW-196	KRGSA	Irrigated Agricultural Areas	31S27E13Q	31S/27E-13Q	47	283	N
RMW-197	KRGSA	Irrigated Agricultural Areas	32S28E01P	32S/28E-01P	9	327.6	N
RMW-200	KRGSA	Irrigated Agricultural Areas	32S27E7N	32S/27E-7N	36	254.5	N
RMW-216	KRGSA	Irrigated Agricultural Areas		30S/28E-29B02	94	270	Y
RMW-217	KRGSA	Irrigated Agricultural Areas		30S/29E-31C	76	324	Y
RMW-218	KRGSA	Irrigated Agricultural Areas		31S/27E-19K	101	282	N
RMW-235	KRGSA	Irrigated Agricultural Areas		31S/28E-14Q	94	276	N
RMW-017	KRGSA	Urban Areas	29S28E09H002	29S/28E-09H01	67	277	Y
RMW-018	KRGSA	Urban Areas	29S28E01H001	29S/28E-01H01	46	1157	Y
RMW-019	KRGSA	Urban Areas	29S27E08H001	29S/27E-08H01	185	2193	N
RMW-020	KRGSA	Urban Areas	29S28E18R001	30S/28E-18R01	182	1193	N
RMW-021	KRGSA	Urban Areas	29S28E19B002	29S/28E-19B02	148	340	Y
RMW-022	KRGSA	Urban Areas	29S26E26A001	29S/26E-26A01	141	354	Y
RMW-025	KRGSA	Urban Areas	28S27E05D001	30S/27E-05D01	130	2267	Y
RMW-026	KRGSA	Urban Areas	30S28E31D005	30S/28E-31D05	119	262	Y
RMW-032	KRGSA	Urban Areas	30S28E25A001	30S/26E-25A02	128	220	Y
RMW-201	KRGSA	Urban Areas	29S27E-10H01	11D2	112	281	Y
RMW-202	KRGSA	Urban Areas	31S28E-02Q	31S/28E-02Q	103	345	Y
RMW-209	KRGSA	Urban Areas		29S/27E-09H	198	270	Y
RMW-210	KRGSA	Urban Areas		29S/28E-13G	192	360	Y
RMW-211	KRGSA	Urban Areas		29S/28E-31B	148	334	Y
RMW-212	KRGSA	Urban Areas		29S/28E-29M	115	308	N
RMW-213	KRGSA	Urban Areas		30S/27E-02D	152	294	Y
RMW-214	KRGSA	Urban Areas		30S/27E-11J	147	234	Y
RMW-215	KRGSA	Urban Areas		30S/28E-08H	132	291	Y
RMW-175	KTWD	Kern-Tulare W.D.	25S27E04P001M	4P1	-150	730.7	N
RMW-176	KTWD	Kern-Tulare W.D.	25S27E23C001M	23C1	-150	740.4	N
RMW-177	KTWD	Kern-Tulare W.D.	25S27E15P001M	15P1	-150	829.6	N
RMW-178	KTWD	Kern-Tulare W.D.	24S24E34Q001M	34Q1	-150	623.9	Y
RMW-179	KTWD	Kern-Tulare W.D.	24S27E13N001M	32N1	-150	686.3	N
RMW-180	KTWD	Kern-Tulare W.D.	14S27E35J001M	35J	-150	653.7	Y
RMW-145	NEWSD	Old District Management Area		8B-03-09H	-127.02	5357	Y
RMW-146	NEWSD	Old District Management Area		8B-09-09H	-141.27	5413	Y
RMW-147	NEWSD	Old District Management Area		8B-21-09S	-130.73	5455	Y
RMW-148	NEWSD	Old District Management Area		8B-35-05A	-132.63	5265	Y
RMW-149	NEWSD	Old District Management Area		9B-08-08H	-72.22	4974	Y
RMW-150	NEWSD	Old District Management Area		9B-08-08J	-101.1	5073	Y
RMW-151	NEWSD	Old District Management Area		9B-22-08A	-152.09	5303	Y
RMW-253	NEWSD	Old District Management Area		Shafter Well 18	-128.7	526.5	Y
RMW-041	Olcese Water District	Olcese W.D.		Well #4	71.9	515.1	N
RMW-048	Olcese Water District	Olcese W.D.	29S30E09K003M	Campen View Ranch Well	510.6	1414	N
RMW-045	Pioneer GSA			#55	-51.4	399.3	Y
RMW-046	Pioneer GSA			#34	-115	362.1	Y
RMW-048	Pioneer GSA			#51	-24.8	372.1	Y
RMW-049	Pioneer GSA			#56	-24.8	367.7	Y
RMW-054	RRBWSD	Central Zone		R. Enns Domestic	41.9	286	Y
RMW-055	RRBWSD	Central Zone		Section 18	16.3	286	Y
RMW-056	RRBWSD	Central Zone		Blasco HD New	9.2	286	Y
RMW-057	RRBWSD	Central Zone		Cecere	8.3	285.9	Y
RMW-063	RRBWSD	East Zone		Chett Reed	108.2	356	Y
RMW-064	RRBWSD	East Zone		Home Place	88.4	256	Y
RMW-065	RRBWSD	East Zone		Greenley Double	84.1	255.5	Y
RMW-066	RRBWSD	East Zone		Harvest Ranch	96.9	250	Y
RMW-067	RRBWSD	East Zone		Shop Double	107.1	256.1	Y
RMW-050	RRBWSD	North Zone		Bushnell	-33.1	329	Y
RMW-052	RRBWSD	North Zone		L.R. Sokol	-2.7	329	Y
RMW-053	RRBWSD	North Zone		RBG School	3.5	329	Y
RMW-069	RRBWSD	South of River Zone (East)		2B/ Triple	150.7	193	Y
RMW-068	RRBWSD	South of River Zone (West)		10N Triple	131.4	185	Y
RMW-058	RRBWSD	South Zone		Parsons	18.3	259	Y
RMW-059	RRBWSD	South Zone		Short 5	43.6	255	Y
RMW-060	RRBWSD	South Zone		Vogt Bussell	48.1	289	Y
RMW-061	RRBWSD	South Zone		Mayer Double	55.5	259	Y
RMW-062	RRBWSD	South Zone		Enns Double	68.6	250.1	Y
RMW-157	SJVMUD	Southern San Joaquin M.U.D.	05S24E13P002	6	-120.07	594.2	Y
RMW-338	SJVMUD	Southern San Joaquin M.U.D.	28S26E19D001	14	-136.29	6959	Y
RMW-339	SJVMUD	Southern San Joaquin M.U.D.	25S25E29N002	33	-276.37	5714	Y
RMW-340	SJVMUD	Southern San Joaquin M.U.D.	26S26E32	53	-131.01	5643	Y
RMW-161	SJVMUD	Southern San Joaquin M.U.D.	26S26E16	59	-132.16	6253	Y
RMW-162	SJVMUD	Southern San Joaquin M.U.D.	25S26E36	62	-92.73	5764	Y
RMW-163	SJVMUD	Southern San Joaquin M.U.D.	25S26E01P002	42	-122.9	4645	Y
RMW-208	SJVMUD	Southern San Joaquin M.U.D.		Taylor Ave Well	-117.1	4763	Y
RMW-252	SJVMUD	Southern San Joaquin M.U.D.		Delano Well 30	-99.7	4282	Y
RMW-262	SJVMUD	Southern San Joaquin M.U.D.		Delano Well 38	-115.8	5107	Y
RMW-230	SWID	7th Standard Extension		KB 3	-137	458.6	N
RMW-240	SWID	7th Standard Extension		28S/25E-35J	-137	457.5	N
RMW-249	SWID	7th Standard Extension		28S/24E-29C	-137	446.3	N
RMW-204	SWID	Shafter-Wasco I.D.		Well 19 Arbre AG	-147	474.8	Y
RMW-205	SWID	Shafter-Wasco I.D.		Shafter-Wasco I.D.	Shafter Well 7 Inactive	-143	514.1	Y
RMW-155	SWID	Shafter-Wasco I.D.		Shafter Well 15	-146.9	474.7	Y
RMW-256	SWID	Shafter-Wasco I.D.		Wasco Well 12	-142.9	565.4	Y
RMW-257	SWID	Shafter-Wasco I.D.		Shafter Well 14	-144	493.3	Y
RMW-260	SWID	Shafter-Wasco I.D.		Wasco Well 21	-158.5	597.9	Y
RMW-265	SWID	Shafter-Wasco I.D.		Wasco Well 8A	-154.8	557.2	Y
RMW-119	SWSD	Buttonwillow Improvement District (approx.)		S-02	-200	4464	Y
RMW-121	SWSD	Buttonwillow Improvement District (approx.)		S-04	-144.1	393.1	Y
RMW-122	SWSD	Buttonwillow Improvement District (approx.)		S-05	-241.6	402.8	Y
RMW-130	SWSD	Buttonwillow Improvement District (approx.)		9N8.02	-176.6	477.2	Y
RMW-130	SWSD	Groundwater Dependent Ag		S-11	-157.9	491.8	Y
RMW-131	SWSD	Groundwater Dependent Ag		S-12	-260.5	481.1	Y
RMW-207	SWSD	Groundwater Dependent Ag	29S-23E-07R02	28S/23E-07B02	-177.55	501.7	Y
RMW-123	SWSD	Pond-Poso Improvement District (approx.)		S-06	-108	598.5	Y
RMW-126	SWSD	Pond-Poso Improvement District (approx.)		S-08A	-101.3	609.6	Y
RMW-128	SWSD	Pond-Poso Improvement District (approx.)		S-09A	-226.7	524.7	Y
RMW-132	SWSD	Pond-Poso Improvement District (approx.)		S-13A	-171.2	594.9	Y
RMW-134	SWSD	Pond-Poso Improvement District (approx.)		S-14A	-154.9	611.4	Y
RMW-135	SWSD	Pond-Poso Improvement District (approx.)		S-14B	-154.5	611.4	Y
RMW-137	SWSD	Pond-Poso Improvement District (approx.)		S-15A1	-145.3	589.2	Y
RMW-070	Tejon-Castac Water District MA	Tejon-Castac W.D.	31S32E28R001M	RMS-1 (Canalon Well)	50	466	Y
RMW-101	WDWA	Zone #1	25S21E03Q003M		-135	191	Y
RMW-266	WDWA	Zone #1	26S/21E-14	Stan-ch-14	-135	253.6	Y
RMW-201	WDWA	Zone #2	27S22E30H001M	Well T18N-03	59	193.6	Y
RMW-265	WDWA	Zone #2	29S/22E-08	Stan-ch-#1	59	309.2	Y
RMW-247	WKWD	North Project MA		20F	34	277.1	Y
RMW-248	WKWD	North Project MA		21J	32	264	Y
RMW-072	WKWD	South Project MA		1G	66	235.4	Y
RMW-076	WKWD	South Project MA		2A	-42	347.4	Y
RMW-076	WKWD	South Project MA		2F	-72	3661	Y
RMW-079	WKWD	South Project MA		4D	-37	279.7	Y
RMW-082	WKWD	South Project MA		8J	-54	360.9	Y
RMW-085	WKWD	South Project MA		8F	-9	321.6	Y
RMW-087	WKWD	South Project MA		10D	-92	395.1	Y
RMW-094	WRWSD	Northeastern Zone MA	32S24E 20S003M		-50	3954	N
RMW-095	WRWSD	Northeastern Zone MA	32S27E 30K003M		-50	4014	N
RMW-097	WRWSD	Northeastern Zone MA	32S27E 35R003M		-50	3964	N
RMW-231	WRWSD	Northeastern Zone MA	32S26E24K003M		-50	367	N
RMW-237	WRWSD	Northeastern Zone MA	32S26E34P003M		-50	477	N
RMW-238	WRWSD	Northeastern Zone MA	32S26E34P002M		-50	452.4	N
RMW-240	WRWSD	Northeastern Zone MA	32S26E16N003M		-50	3662	Y
RMW-232	WRWSD	Southeastern Zone MA	32S27E03Q003S		0	501	N
RMW-234	WRWSD	Southeastern Zone MA	32S23E36D005S		0	664	N
RMW-235	WRWSD	Southeastern Zone MA	32S27E34Q003S		0	4355	N
RMW-236	WRWSD	Southeastern Zone MA	32S27E36P003S		0	3415	N
RMW-258	WRWSD	Southern Zone MA	32S21E35Q003S		0	417	N
RMW-233	WRWSD	Western Zone MA	32S23E06D005S		100	4415	N
RMW-239	WRWSD	Western Zone MA	32S25E29Q003M		100	3215	Y

SOURCE:



0 2.5 5 10
Miles

Kern Groundwater Authority

Kern County, CA

GEI Consultants

PRELIMINARY REGIONAL MONITORING NETWORK
MINIMUM THRESHOLD

JULY 2020 DRAFT FIGURE

Proposed Minimum Threshold Monitoring Well

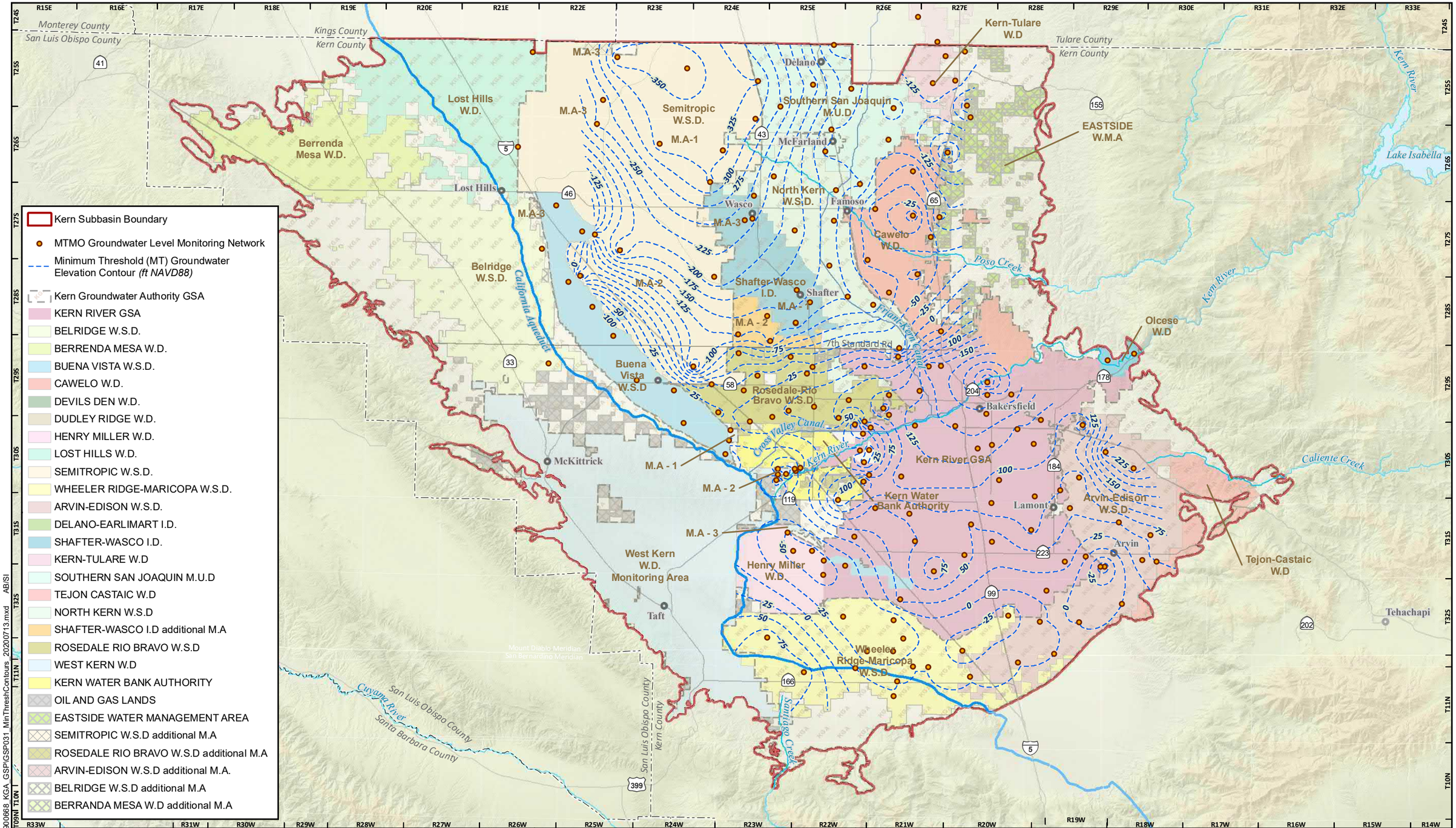
- Well ID
- MT MSL|BGS
- KWB Monitoring Well *(No MO/MT data)*

Minimum Threshold Elevation Contour

Undistricted (Colored where associated with District)

Unresolved Boundary Overlap

DRAFT
SUBJECT TO CHANGE,
FOR DISCUSSION PURPOSES ONLY



Kern Groundwater Authority
Basin Setting

Kern County, California

GEI Consultants

REGIONAL MINIMUM THRESHOLD GROUNDWATER ELEVATION CONTOURS

DECEMBER 2019

FIGURE 3-2

Z:\Projects\1900668_KGA_GSP\GSP031_MinThreshContours_20200713.mxd AB/SI 14/Jul/2020

C2VSimFG-Kern Model File
Release Disclaimer

Kern County Subbasin
Groundwater Sustainability Agencies (GSAs)
Sustainable Groundwater Management Program (SGMP)

including

Buena Vista WSD GSA
Henry Miller WD GSA
Kern Groundwater Authority GSA
Kern River GSA
Olcese GSA

June 2020

C2VSIMFG-KERN MODEL FILE REQUEST/RELEASE

In compliance with the Sustainable Groundwater Management Act (SGMA), the multiple Groundwater Sustainability Agencies (GSAs) of the Kern County Subbasin successfully coordinated on the development of five Groundwater Sustainability Plans (GSPs). Within this complex water management setting, GSAs recognized that a numerical modeling tool would be needed to meet GSP regulations to develop basin-wide water budgets for the Subbasin. The GSAs selected the C2VSimFG-Beta model provided by DWR for application to GSP water budgets as referenced in the GSP regulations (§354.18(f)).

To address data gaps in the existing DWR model, the Subbasin GSAs funded an effort to revise the Kern County portion of C2VSimFG-Beta with local water supply and demand data, and this revised version of the model is referred to as C2VSimFG-Kern. The Kern County Subbasin Coordination Agreement refers to the local groundwater-surface water model (C2VSimFG-Kern) as the agreed upon method for generating coordinated water budgets for the Kern County Subbasin (see Appendices 2 and 4 of the Kern County Subbasin Coordination Agreement).

Patty Poire
Planning Manager
Kern Groundwater Authority
Telephone: (661)479-7171
Email: ppoire@kerngwa.com

DISCLAIMER

The C2VSimFG-Kern estimates of sustainable and native yield as provided in the Coordination Agreement are based on available data and the then-current level of model calibration. Therefore, these estimates are considered appropriate as guides for SGMA planning. However, the C2VSimFG-Kern sustainable and native yield estimates are initial water budget estimates that are not intended for determination of individual landowner allocations or groundwater rights. Additional technical and legal analysis, along with stakeholder involvement, is necessary to further quantify the sustainable and native yield estimates for uses other than SGMA planning.

The conclusions and recommendations of the C2VSimFG-Kern model used to support development of the Kern County Subbasin GSPs and Coordination Agreement are in accordance with generally accepted professional engineering, hydrogeologic, and modeling practices. There is no other warranty, either expressed or implied, regarding the conclusions, recommendations and results of C2VSimFG-Kern.

DISCLAIMER PROVISIONS

1. The C2VSimFG-Kern includes limitations, and the results documented in the Kern County Subbasin GSPs and Coordination Agreement include a level of uncertainty. The model results published in the Kern County Subbasin GSPs and Coordination Agreement are appropriate for SGMA planning purposes for the Kern County Subbasin GSPs at the time of their submittal to DWR in January 2020.

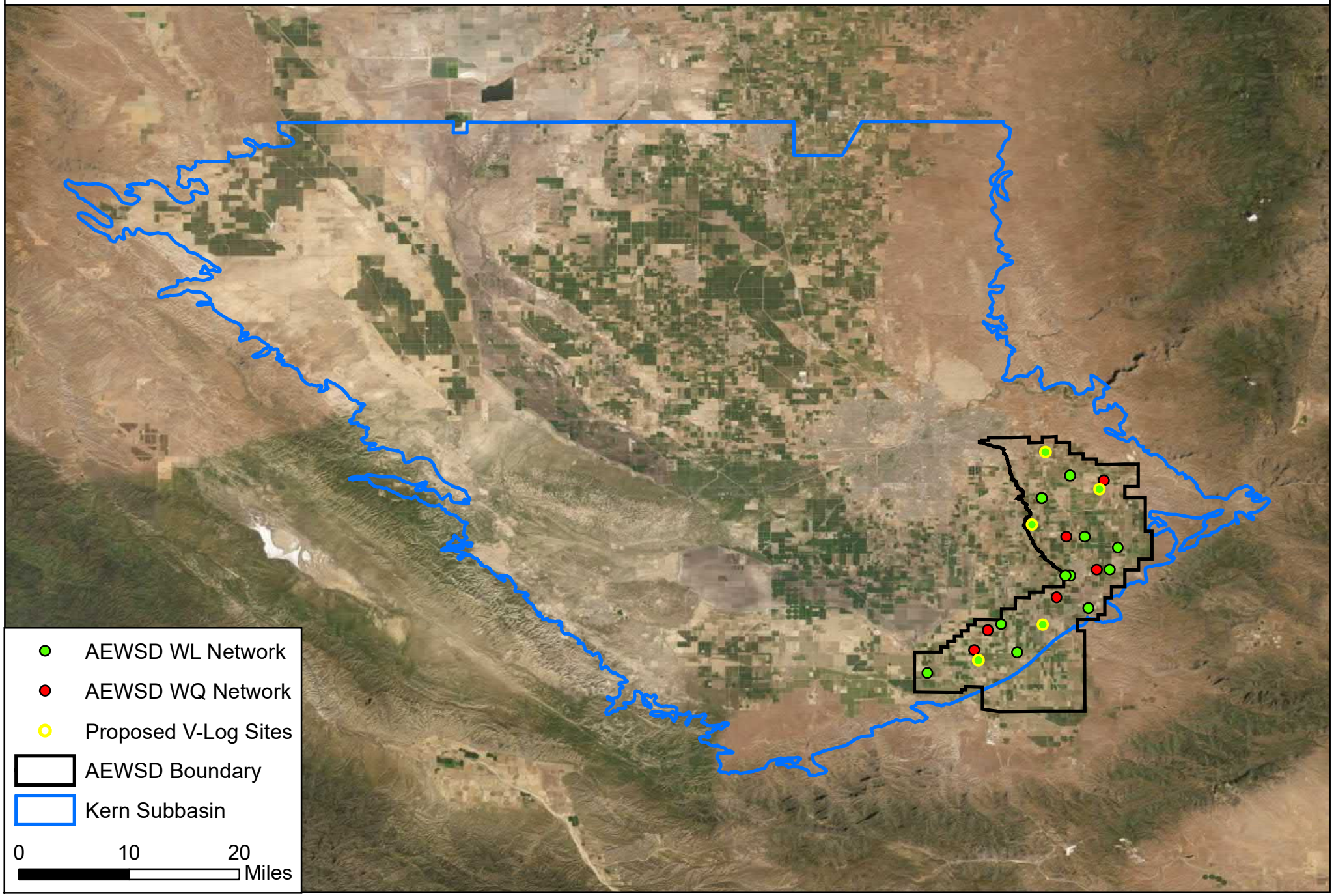
2. Data used for the model was provided by numerous GSAs and GSA members, and the model was reviewed by local agencies and subject to outside technical peer review during the GSP process. The Requesting Agency should promptly notify the Kern County Subbasin Planning Manager in writing of any and all defects, errors, inaccuracies, or any other problems with C2VSimFG-Kern discovered during review of the model files, which will be considered and/or addressed during future model updates.

3. C2VSimFG-Kern was developed as a basin-wide effort to support the development of the Kern County Subbasin GSPs and Coordination Agreement. C2VSimFG-Kern does not allocate ownership.

4. Future updates to Kern County Subbasin water budgets using C2VSimFG-Kern or equivalent model will be conducted as a basin-wide effort under the Coordination Agreement.

ARVIN-EDISON WATER STORAGE DISTRICT

TSS GRANT LOCATIONS



Department of Water Resources

Technical Support Services: Downhole Camera Survey Request
Groundwater Sustainability Plan Development

You have successfully submitted your TSS Downhole Camera Survey Request for: **SAN JOAQUIN VALLEY - KERN COUNTY (5-022.14)**

Please View and Bookmark your TSS Downhole Camera Survey Request Here

To submit a request for another groundwater basin/subbasin click here.

For additional assistance, please contact Steven Springhorn at Steven.Springhorn@water.ca.gov (916) 651-9273 or one of the following DWR Region Office representatives:

- Northern Region Office - Michelle Dooley, Michelle.Dooley@water.ca.gov, (530) 529-7380
- North Central Region Office - Bill Brewster, Bill.Brewster@water.ca.gov, (916) 376-9657
- South Central Region Office - Mike McKenzie, Charles.McKenzie@water.ca.gov, (559) 230-3308
- Southern Region Office - Tim Ross, Timothy.Ross@water.ca.gov, (818) 549-2345

Department of Water Resources

Technical Support Services: Downhole Camera Survey Request
Groundwater Sustainability Plan Development

The Department of Water Resources (DWR) is offering Technical Support Services (TSS) to assist Groundwater Sustainability Agencies (GSAs) with the development of their Groundwater Sustainability Plans (GSPs).

The following requirements must be met to be eligible for Downhole Camera Survey Services:

- *The GSA must have written permission from the well owner to access the site.*
- *The well site must be accessible by vehicle.*
- *The well casing must be free of all obstructions, including pump, discharge pipe, sounding tube, or any foreign materials/debris.*
- *All pump shaft lubricant (e.g. oil) that is free-standing on the groundwater surface, regardless of chemical composition, must be removed.*
- *There must be no known groundwater contamination in the well vicinity.*
- *The GSA must provide DWR with all known well construction information prior to field mobilization.*

For questions or assistance with this TSS Downhole Camera Survey Request, please contact Steven Springhorn at Steven.Springhorn@water.ca.gov (916) 651-9273 or one of the following DWR Region Office representatives:

- *Northern Region Office - Michelle Dooley, Michelle.Dooley@water.ca.gov, (530) 529-7380*
- *North Central Region Office - Bill Brewster, Bill.Brewster@water.ca.gov, (916) 376-9657*
- *South Central Region Office - Mike McKenzie, Charles.McKenzie@water.ca.gov, (559) 230-3308*
- *Southern Region Office - Tim Ross, Timothy.Ross@water.ca.gov, (818) 549-2345*

This request will be evaluated on its merits. Please answer each question and provide supporting documentation where possible.

I. TSS Downhole Camera Survey Request - Groundwater Basin/Subbasin, Applicant Information: *(Questions 1-2 of 4)*

* A blue asterisk denotes required information.

* **1) Select the groundwater basin/subbasin where TSS are to occur:**
SAN JOAQUIN VALLEY - KERN COUNTY (5-022.14)

* **2) Groundwater Basin/Subbasin Applicant Information**
GSA Name: Kern Groundwater Authority (KGA)
Project Point of Contact: Basin POC: Patty Poire; Project POC: Jeevan Muhar (661-747-0062)
Phone Number: 661-479-7171
Email Address: Ms Poire: ppoire@kerngwa.com; Mr Muhar: jmuhar@aewsd.org

II. TSS Downhole Camera Survey Request - Well Location, Well Details, Desired Outcome *(Questions 3-4 of 4)*

* **3) Enter groundwater well location information and details.**

*For **EACH** well, enter location and details within its' own block, and successively number each category as shown below:*

- *1. Well address (if applicable - street, city, state, and zip code)*
- *2. Latitude, Longitude (decimal degrees - WGS84 or NAD83) - REQUIRED*
- *3. Well type (domestic, industrial, irrigation, monitoring, municipal) - REQUIRED*
- *4. Presumed well depth (feet below ground surface) - REQUIRED*
- *5. Describe any important characteristics of this well - REQUIRED*

Please see the attached excel file titled "AEWSD - TSS Grant Application" for this site specific information, put into a table for easier viewing. The attached PDF titled "AEWSD - TSS_Grant_Wells v3" is a map of the five (5) site locations.

* **4) In detail, describe the intended outcome of performing TSS DownholeCamera Survey Services in regards to improving the technical quality of GSP development (as described in the TSS General Application for the groundwater basin/subbasin).**

The selected five (5) groundwater elevation sites have consistent, historical data. However, they are textbook examples of well sites lacking pertinent data in order to fully assess measurable objectives (MOs) and minimum thresholds (MTs) within the portion of the

Subbasin that is covered by the KGA GSP AEWSD Management Area Plan. Video logging of these monitoring wells would allow the District to obtain screen intervals and total depth, and assess the overall condition of the well. Ultimately, this additional well information will aid in the District's efforts to accurately and efficiently track groundwater conditions relative to the current MOs and MTs. AEWSD's goal is to reflect local needs and provide a path to adequately document sustainable management and preserve long-term sustainability.

DocuSign Envelope ID: 284F1A42-5118-4CB0-971A-03EED0AD9C15

Component 7: Subbasin DMS Scoping and Development

Budget Category	Round 2 Grant Amount	Round 2 Local Cost Share	Round 3 Grant Amount	Round 3 Local Cost Share	Total Cost
(a) Component Administration	$0	$0	$0	$0	$0
(b) Stakeholder Engagement / Outreach	$0	$0	$2,500	$0	$2,500
(c) GSP Development – Subbasin DMS Scoping and Development	$0	$0	$439,785	$0	$439,785
TOTAL COSTS	**$0**	**$0**	**$442,285**	**$0**	**$442,285**

DocuSign Envelope ID: 284F1A42-5118-4CB0-971A-03EED0AD9C15

EXHIBIT B
BUDGET

Project Name: **Kern County Subbasin GSP Support**
Grantee: **Kern River GSA**
Grant serves a need of a Disadvantaged Area?: **Yes**
Local Cost Share Required: **0%**

COMPONENTS	Round 2 Grant Amount	Round 2 Local Cost Share[1]	Round 2 % Local Cost Share	Round 3 Grant Amount[2]	Round 3 Local Cost Share[1]	Round 3 % Local Cost Share	Total Cost
(1) Grant Administration	$75,043	$0		$0	$0		**$75,043**
(2) Groundwater Modeling	$431,957	$0		$0	$0		**$431,957**
(3) Groundwater Model Peer Review	$149,208	$0		$0	$0		**$149,208**
(4) Hydrogeologic Conceptual Model and Groundwater Conditions	$281,264	$0		$0	$0		**$281,264**
(5) Groundwater Sustainability Plan Coordination	$281,264	$0		$0	$0		**$281,264**
(6) GSP Development	$281,264	$0		$0	$0		**$281,264**
(7) Subbasin DMS Scoping and Development	$0	$0		$442,285	$0		**$442,285**
TOTAL PROJECT:	**$1,500,000**	**$0**	**0%**	**$442,285**	**$0**	**0%**	**$1,942,285**

[1]The Grantee received a 100% cost share waiver.
[2]Grantee was awarded a total of $500,000 in grant funds; however, $57,715 of those funds are contingent upon future appropriation of Proposition 1 funding. The agreement will require an amendment after July 1, 2021 when the funds are reappropriated and readily available to award.

DocuSign Envelope ID: 284F1A42-5118-4CB0-971A-03EED0AD9C15

EXHIBIT C

SCHEDULE

Project Name: **Kern County Subbasin GSP Support**

Category	Start Date[1]	End Date[1]
Component 1: Grant Administration	**08/01/2018**	**06/30/2022**
(a) Grant Administration	08/01/2018	06/30/2022
Component 2: Groundwater Modeling	**01/01/2017**	**09/30/2020**
(a) Basin Modeling	04/01/2017	09/30/2020
(b) Stakeholder Engagement	01/01/2017	09/30/2020
Component 3: Groundwater Model Peer Review	**01/01/2015**	**09/30/2020**
(a) Component Administration	05/01/2018	09/30/2020
(b) Groundwater Model Peer Review	01/01/2015	09/30/2020
Component 4: Hydrogeologic Conceptual Model and Groundwater Conditions	**01/01/2015**	**09/30/2020**
(a) Component Administration	07/01/2017	09/30/2020
(b) Hydrogeologic Conceptual Model and Groundwater Conditions	01/01/2015	09/30/2020
(c) Stakeholder Coordination	01/01/2015	09/30/2020
Component 5: Groundwater Sustainability Plan Coordination	**01/01/2015**	**09/30/2020**
(a) Component Administration	05/01/2018	09/30/2020
(b) Coordination Agreement Development	01/01/2015	09/30/2020
Component 6: GSP Development	**07/01/2017**	**09/30/2020**
(a) GSP Development	07/01/2017	09/30/2020
Component 7: Subbasin DMS Scoping and Development	**02/01/2020**	**04/30/2022**
(a) Component Administration	03/01/2020	04/30/2022
(b) Stakeholder Engagement / Outreach	04/01/2020	04/30/2022
(c) GSP Development – Subbasin DMS Scoping and Development	02/01/2020	04/30/2022

NOTES:
[1]Exhibit C Schedule only dictates the work start date and the work end date for the Budget Category listed. The Grantee should refer to the Deliverable Due Date Schedule that has been approved by the DWR Grant Manager to obtain the estimated due date for the deliverables listed in Exhibit A. The dates listed in Exhibit C Schedule are date ranges that correlates to the activities listed within that Budget Category in Exhibit A. Eligible costs for each Budget Category will only be approved if the work completed falls within the date ranges listed in Exhibit C.

KERN GROUNDWATER AUTHORITY

Memorandum

To: Kern Groundwater Authority Board of Directors
From: Patty Poire, Planning Manager
Date: July 22, 2020
Subject: Accomplishments and Forward Work Plan

Accomplishments

- Worked with KGA members/GSAs to respond to comments from DWR on the Kern subbasin monitoring network reflected in the GSPs – this was part of DWR's review of the GSPs
- Submittal of the Kern County Subbasin's Seasonal Data
- Updated/revised the Kern subbasin monitoring network based on the Annual report requests from KGA members and GSAs
- Contacted DWR pertaining to the Annual report and revising the monitoring network
- Conference calls with DWR staff on the TSS Grant Funds for the Kern subbasin. Discussion with managers/GSAs on the available programs and moving forward
- Worked with DWR staff on the Annual report, revising the monitoring network and seasonal data uploads
- Prepared and held managers/GSA meetings on subsidence
- Held third meeting with DWR staff on California Aqueduct subsidence with managers/GSAs
- Held managers conference call with Valerie on public comments received on the KGA GSP
- Participated in several meetings on the submittal of comments on the DWR Handbook for Water Budget Development (ACWA & California Farm Bureau meetings)
- Participated in the California Farm Bureau – Land Use Policy meeting (SGMA)
- Participated in the California Partnership for the San Joaquin Valley (Director)
- Participated in the SB 83 UIC meetings (appointed Panelist)
- Participated and presented at Assemblymember Vince Fong's Internship Program on SGMA
- Conference Call with State Central Valley Regional Board staff on the proposed aquifer exemption for the Round Mountain aquifer (near Lake Ming)
- Worked with Kern County Health Department to re-establish the receipt of the water well permit data
- Working with members/GSAs to prepare for the KGA GSA boundary adjustment and establishment of new GSAs
- Finalized and obtained Prop 68 Grant Funds – Data Management System

- Participated and Presented at the Groundwater Resource Association's virtual meeting
- Prepared and held KGA Executive Committee meetings
- Presentation to the Kern County Farm Bureau on implementation process
- Participated in the San Joaquin Valley Water Blueprint Meeting
- Water Efficiency Grant – submittal for extension and amendment for remote sensing dataset
- Participated in KRGSA Board Meeting

Forward Work Plan

- Begin the discussion on the coordination of the implementation of the management actions and projects
- Begin the discussion on the development of the Data Management System for the Kern subbasin
- Continue the work on the boundary adjustment including Arvin-Edison, Wheeler Ridge and Tejon Castac formation of GSAs
- Hold regular monthly Stakeholder meetings to encourage engagement with the implementation of the GSP