Kings River Watershed Coalition Authority (Kings River Water Quality Coalition)

Location: 4886 East Jensen Avenue, Fresno, California P. O. Box 8259 Fresno, CA 93747 (559) 365-7958 Fax (559) 237-5560

June 12, 2020

BOARD OF DIRECTORS OF THE KINGS RIVER WATERSHED COALITION AUTHORITY (KINGS RIVER WATER QUALITY COALITION)

Mark C. McKean, President Paul Peschel, Vice President

Alta Irrigation District
Burrel Ditch Co.
Clarks Fork Rec District #2069
Consolidated Irrigation District

Corcoran Irrigation Co. Crescent Canal Co.

Empire West Side Irrigation District

Fresno Irrigation District

John Heinlen Mutual Water Co.

James Irrigation District

Kings River Conservation District

Kings River Water District Laguna Irrigation District

Last Chance Irrigation District

Lemoore Canal & Irrigation Co

Liberty Canal Co. Liberty Mill Race Co. Lovelace Water Corp. Peoples Ditch Co. Reed Ditch Co.

Riverdale Irrigation District Southeast Lake Water Co. Stratford Irrigation District

Tulare Lake Basin Water Storage District

Tulare Lake Canal Co.

Tulare Lake Reclamation District #761

Upper San Jose Water Co.

Directors:

This is to notify you of the Meeting of the Board of Directors of the Kings River Watershed Coalition Authority to be held **Tuesday**, **June 16**, **2020**, in the offices of the Kings River Water Association/Kings River Conservation District. **The meeting will begin at 2:00 PM** and will be conducted **remotely via ZOOM**. The **ZOOM** weblink/call-in information is at the top of the Agenda.

There will not be a physical public access location. The Authority is conducting the meeting in this manner to protect public health by avoiding public gatherings and requiring social distancing. At the same time, the Authority remains committed to transparency. Members of the public will be able to listen to and watch the meeting, and comment if desired. Public comments and questions will only be possible during the agendized Public Comment portion of the meeting. Please see the pages between this notice and the agenda for guidelines and an idea of what to expect.

The patience and cooperation of all participants is appreciated. While every effort has been made to streamline the experience, there may be technical issues and human error. We will attempt to promptly correct any issues that arise.

Individuals who require special accommodations are requested to contact Corey McLaughlin by phone at: (559) 237-5567 or by email at: cmclaughlin@krcd.org.

Sincerely,

Charlotte Gallock Coordinator

File: KRW 101.03

Zoom Guidelines and Protocols for Board Meetings

GENERAL INSTRUCTIONS

- 1. This Board Meeting will be held virtually, via an online video conferencing tool called <u>Zoom</u>. You DO NOT need a Zoom account to participate in the meeting. You will simply need the meeting link or the phone number and Meeting ID provided, and can participate as a guest.
- 2. All meeting participants will have the option to join the meeting either:
 - a. via the Zoom app on your laptop/desktop computer, cell phone, or tablet,
 - b. via the Zoom website on your internet browser (be aware that this offers a more limited experience), or
 - c. via conference call on your cell phone or landline, following the prompts provided when you call.
- 3. If you plan to join the meeting via the Zoom app, please click the meeting link to join about ten minutes early, to allow time for the app to download to your device. Or you can download it ahead of time here: https://zoom.us/download.
- 4. This Board Meeting will be monitored by a technical moderator, to ensure all participants have the proper settings in place for the duration of the meeting.
- 5. All meeting participants will first be placed into a virtual "waiting room" when they join the meeting, and will be admitted to the meeting prior to the meeting's start. If there is a closed session item, members of the public and non-essential staff will be placed back into the waiting room until the meeting returns to open session.

BOARD MEMBERS

- 1. All members of the Board will have their audio ON during the entirety of the Board Meeting
 - a. Upon first entering the meeting, the microphone audio will be automatically turned OFF (muted). The moderator will manage the microphone audio settings to turn on the audio for each Director.
- 2. All members of the Board will have the option to have their video ON *or* OFF during the entirety of the Board Meeting. (This means your own webcam; you will be able to see others in the video conference regardless of whether you have your own video on or off).
 - a. Upon first entering the meeting, the video will be automatically turned OFF, but you may "Start Video" if you wish. The moderator may manage the video settings to turn the video on as well, if desired.
- 3. All members of the Board should remain on the meeting from beginning to end. If any Board members must leave the meeting early, they should make the meeting moderator aware prior to disengaging.
- 4. No private conversations any side conversations dramatically impair everyone's ability to hear the meeting.
- 5. When taking action, all votes of the Board will be by roll call.

PUBLIC

- 1. All public participants will have their video and microphone automatically turned OFF upon entering the meeting. You will still be able to hear everything that is being said by the Board members and staff.
- 2. All public participants will have their video turned OFF by the moderator for the entirety of the Board Meeting. (This means your own webcam; you will still be able to see Board members in the video conference, as well as any presentations provided.)
- 3. All public participants will have their microphone audio turned ON by the moderator during the public comment agenda item at the beginning of the Board Meeting. *This is the only time during*

- the meeting the microphone audio will be turned ON for public participants, and all public comments and/or questions must be received at this time.
- 4. The Zoom chat feature will NOT be used for official public comment or questions. The chat feature should be used for questions related to technical difficulties during the Zoom meeting, or general protocol questions. Any message posted to the chat will be fielded and responded to by the meeting moderator only.

FOR TECHNICAL ASSISTANCE, PLEASE CALL: 559-237-5567

<u>Agenda</u>

KINGS RIVER WATERSHED COALITION AUTHORITY (KINGS RIVER WATER QUALITY COALITION) Board of Directors Meeting

Date: Tuesday, June 16, 2020

<u>Time</u>: 2:00 PM Location: **ZOOM**

Link:

https://us02web.zoom.us/j/86421291354?pwd=NjFydWREWS9UTDIYcnhBVndyRy92Zz09

One-Tap Mobile: +16699006833, 86421291354#, 1#, 085286#

Call-In: +1 669 900 6833; Meeting ID: 864 2129 1354; Password: 085286

1. Addition to or Deletion from the Agenda, President

2. Public Presentation, President

Presentation by the Public on matters not on the agenda and within the jurisdiction of the Board, limited to a timeframe set by the Board President.

3. Coordinator Report, Coordinator

- A. Outreach Activities
- B. Membership Update
- C. Regional/State Board Updates
- D. Fill Station(s) Update
- E. Management Zone Update
- 4. Isotope Phase 2 Presentation

The consultant will provide a presentation discussing the Isotope Phase 2 report.

ACTION ITEMS

5. Approval of the Minutes, President

The Board will consider approving the February 18, 2020 Regular Board Meeting minutes.

6. <u>Financial Report, Assistant Treasurer</u>

The Assistant Treasurer will present expenditure-to-budget comparison reports for the period February 1 through May 31, 2020, for consideration and approval.

7. Fiscal Year 2020 - 2021 Budget Approval

The Board will consider approving proposed Fiscal Year 2020 – 2021 Budget.

8. Management Zone Scope of Work

The Board will consider approving the Kings/Tulare Lake Subbasins Preliminary Management Zone Proposal Scope and Budget for Technical Assistance from Luhdorff and Scalmanini Consulting Engineers, working collaboratively with GEI Consultants. Funding for this effort has been included in the Fiscal Year 2020 – 2021 Budget (See Item 7 above.).

9. Online Member Portal Scope of Work

The Board will consider approving the Scope of Work – Member Portal for the Kings River Water Quality Coalition from MLJ Environmental. Funding for this effort has been included in the Fiscal Year 2020 – 2021 Budget (See Item 7 above.).

<u>ADJOURNMENT</u>

Note: The public will be given the opportunity to address the Authority on any item on the agenda before or during the Authority's consideration of that item. Sign in under "Others" on the attendance sheet and indicate which agenda item you wish to address. Comments by individuals and entities will be limited to three minutes or as may be reasonable as determined by the conducting officer.

A person with a qualifying disability under the Americans With Disabilities Act of 1990 may request the Authority provide a 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 used for any public meetings of the Authority. Requests for such assistance and for Agendas and Agenda packets shall be made in person, by telephone, facsimile, or written correspondence to the Secretary of the Authority at the offices of the Kings River Conservation District at: 4886 E Jensen, Fresno, CA, 93725, at least 48 hours before a public Authority meeting.

Materials related to an item on this Agenda submitted to the Authority after distribution of the agenda packet are available for public inspection at the offices of the Kings River Watershed Coalition Authority at: 4886 E Jensen, Fresno, CA, 93725, during regular business hours.



Kings River Water Quality Coalition AKA Kings River Watershed Coalition Authority February 18, 2020 at 11:20 a.m. KRCD/KRWA Board Room

Called to Order: 11:48 a.m. Adjourned: 12:15 p.m.

Members Present:

- 1. ALTA IRRIGATION DISTRICT Alt Director Chad Wegley
- 2. CONSOLIDATED ID Alt Director Phil Desatoff
- 3. CORCORAN IRRIGATION COMPANY Director Mark Unruh
- 4. CRESCENT CANAL COMAPNY Director Mark McKean (Pres)
- 5. FRESNO IRRIGATION DISTRICT Alt Director Bill Stretch
- 6. JAMES ID Alt Director Steve Stadler
- 7. JOHN HEINLEN MUTUAL WATER Director Ronnie Silva
- 8. KINGS RIVER CONSERVATION DISTRICT Director David Cehrs; Alt Director Mark McKean
- 9. KINGS RIVER WD Director Jack Paxton
- 10. LAGUNA IRRIGATION DISTRICT Director Frank Zonneveld; Alt Director Scott Sills
- 11. LAST CHANCE WATER DITCH COMPANY Alt Director Mark Unruh
- 12. LEMOORE CANAL & IRRIGATION Director Bill Newton; Alt Director Ronnie Silva
- 13. LIBERTY CANAL CO. Alt Director Mike Nordstrom
- 14. LIBERTY MILL RACE COMPANY Director Wyatt McKean; Alt Director Scott Sills
- 15. LOVELACE WATER CORPORATION Director Dennis Tristao: Alt Director Mark Unruh
- 16. PEOPLES DITCH COMPANY -Alt. Director Mark Unruh
- 17. REED DITCH CORPORATION Director Mark McKean
- 18. RIVERDALE IRRIGATION DISTRICT Director Leonard Acquistapace
- 19. SOUTHEAST LAKE WATER COMPANY Alt Director Mark Unruh
- 20. STRATFORD ID Alt Director Ronnie Silva
- 21. TULARE LAKE BASIN WATER STORAGE DISTRICT Alt Director Justin Mendes
- 22. TULARE LAKE CANAL COMPANY -Alt Director Mark Unruh
- 23. UPPER SAN JOSE WATER COMPANY Director Mike Nordstrom; Alt Director Scott Sills

Members Absent:

- 1. BURREL DITCH COMPANY Director John Maddox, Alt Director Stephen Maddox
- 2. CLARK'S FORK RECLAMATION DISTRICT #2069 Director Ron Allvin
- 3. EMPIRE WEST SIDE IRRIGATION DISTRICT Director John Howe
- 4. TULARE LAKE RECLAMATION DISTRICT #761 Director Ceil Howe, Jr.

Others Present:

Paul Peschel (Sec.-Treas.; Vice-Pres.) Eric Athorp, KRCD Kevin Johansen, Consultant

Corey McLaughlin, KRCD

Brian Trevarrow, KRCD

Debra Dunn, KRCD Steve Haugen, KRWA David Merritt, KRCD Matthew Meadows, KRWA Joe Hughes, Attorney

Jeof Wyrick, Tulare Lake Basin Water Storage District Tom Hurlbutt, Tulare Lake Basin Water Storage District

Minutes

1.	Addition to or Deletion from the Agenda	Presenter:	President McKean
Dis	scussion:		
No	ne.		
Act	tions:		
No	ne.		
2.	Public Presentation	Presenter:	President McKean
Dis	scussion:		
No	ne.		
Act	tions:		
No	ne.		
3.	Coordinator's Report	Presenter:	Debra Dunn
Dis	scussion:		
me	e Board received reports on meetings hosted or attended; workshops mbership activities; CV-SALTS and nitrate control program activities eration progress.		
Act	tions:		
No	ne.		
4.	Form 700s	Presenter:	Corey McLaughlin
	scussion:		
The	e Board received a brief presentation regarding Form 700 completio	n requirement	S.
Act	tions:		
No	ne.		
5.	Approval of the Minutes	Presenter:	President McKean
Dis	scussion:		
No	ne.		
Act	tions:		
	vas moved by Director Cehrs, seconded by Director Silva, and unan cember 17, 2019 Kings River Water Quality Coalition Board Meetin		d to approve the

AYES-

ALTA IRRIGATION DISTRICT – Alt Director Chad Wegley
CONSOLIDATED ID – Alt Director Phil Desatoff
CORCORAN IRRIGATION COMPANY – Director Mark Unruh
CRESCENT CANAL COMAPNY – Director Mark McKean (Pres)
FRESNO IRRIGATION DISTRICT – Alt Director Bill Stretch

JAMES ID – Alt Director Steve Stadler

JOHN HEINLEN MUTUAL WATER – Director Ronnie Silva

KINGS RIVER CONSERVATION DISTRICT - Director David Cehrs

KINGS RIVER WD – Director Jack Paxton

LAGUNA IRRIGATION DISTRICT - Director Frank Zonneveld

LAST CHANCE WATER DITCH COMPANY - Alt Director Mark Unruh

LEMOORE CANAL & IRRIGATION – Director Bill Newton

LIBERTY CANAL CO. - Alt Director Mike Nordstrom

LIBERTY MILL RACE COMPANY - Director Wyatt McKean

LOVELACE WATER CORPORATION - Director Dennis Tristao

PEOPLES DITCH COMPANY -Alt. Director Mark Unruh

REED DITCH CORPORATION - Director Mark McKean

RIVERDALE IRRIGATION DISTRICT – Director Leonard Acquistapace

SOUTHEAST LAKE WATER COMPANY - Alt Director Mark Unruh

STRATFORD ID - Alt Director Ronnie Silva

TULARE LAKE BASIN WATER STORAGE DISTRICT - Alt Director Justin Mendes

TULARE LAKE CANAL COMPANY -Alt Director Mark Unruh

UPPER SAN JOSE WATER COMPANY - Director Mike Nordstrom

NOES- None.

ABSTAIN- None.

6. Financial Report

Presenter: Brian Trevarrow

Discussion:

Brian Trevarrow reported on the January 31, 2020 financials, as presented in the agenda packet.

Actions:

It was moved by Alt. Director Mendes, seconded by Director Zonneveld, and unanimously carried to approve the January 31, 2020 financials, as presented.

AYES-

ALTA IRRIGATION DISTRICT - Alt Director Chad Wegley

CONSOLIDATED ID - Alt Director Phil Desatoff

CORCORAN IRRIGATION COMPANY – Director Mark Unruh

CRESCENT CANAL COMAPNY – Director Mark McKean (Pres)

FRESNO IRRIGATION DISTRICT - Alt Director Bill Stretch

JAMES ID – Alt Director Steve Stadler

JOHN HEINLEN MUTUAL WATER – Director Ronnie Silva

KINGS RIVER CONSERVATION DISTRICT - Director David Cehrs

KINGS RIVER WD – Director Jack Paxton

LAGUNA IRRIGATION DISTRICT - Director Frank Zonneveld

LAST CHANCE WATER DITCH COMPANY - Alt Director Mark Unruh

LEMOORE CANAL & IRRIGATION – Director Bill Newton

LIBERTY CANAL CO. - Alt Director Mike Nordstrom

LIBERTY MILL RACE COMPANY - Director Wyatt McKean

LOVELACE WATER CORPORATION - Director Dennis Tristao

PEOPLES DITCH COMPANY -Alt. Director Mark Unruh

REED DITCH CORPORATION - Director Mark McKean

RIVERDALE IRRIGATION DISTRICT – Director Leonard Acquistapace

SOUTHEAST LAKE WATER COMPANY - Alt Director Mark Unruh

STRATFORD ID - Alt Director Ronnie Silva

TULARE LAKE BASIN WATER STORAGE DISTRICT – Alt Director Justin Mendes

Brian Trevarrow

Presenter:

TULARE LAKE CANAL COMPANY –Alt Director Mark Unruh UPPER SAN JOSE WATER COMPANY – Director Mike Nordstrom

NOES- None.

ABSTAIN- None.

7. Auditor Report

Discussion:

The Board received a presentation on the Auditor's Report for the fiscal year ended June 30, 2019 and was asked to receive the audit.

Actions:

It was moved by Director Stadler, seconded by Alt. Director Sills, and unanimously carried to receive the Auditor's Report for the fiscal year ended June 30, 2019.

AYES-

ALTA IRRIGATION DISTRICT - Alt Director Chad Wegley

CONSOLIDATED ID - Alt Director Phil Desatoff

CORCORAN IRRIGATION COMPANY - Director Mark Unruh

CRESCENT CANAL COMAPNY - Director Mark McKean (Pres)

FRESNO IRRIGATION DISTRICT - Alt Director Bill Stretch

JAMES ID – Alt Director Steve Stadler

JOHN HEINLEN MUTUAL WATER - Director Ronnie Silva

KINGS RIVER CONSERVATION DISTRICT - Director David Cehrs

KINGS RIVER WD - Director Jack Paxton

LAGUNA IRRIGATION DISTRICT - Director Frank Zonneveld

LAST CHANCE WATER DITCH COMPANY - Alt Director Mark Unruh

LEMOORE CANAL & IRRIGATION – Director Bill Newton

LIBERTY CANAL CO. - Alt Director Mike Nordstrom

LIBERTY MILL RACE COMPANY – Director Wyatt McKean

LOVELACE WATER CORPORATION - Director Dennis Tristao

PEOPLES DITCH COMPANY -Alt. Director Mark Unruh

REED DITCH CORPORATION - Director Mark McKean

RIVERDALE IRRIGATION DISTRICT - Director Leonard Acquistapace

SOUTHEAST LAKE WATER COMPANY - Alt Director Mark Unruh

STRATFORD ID - Alt Director Ronnie Silva

TULARE LAKE BASIN WATER STORAGE DISTRICT - Alt Director Justin Mendes

TULARE LAKE CANAL COMPANY -Alt Director Mark Unruh

UPPER SAN JOSE WATER COMPANY - Director Mike Nordstrom

NOES- None.

ABSTAIN- None.

Adjournment Presenter: President McKean

With no further discussion, President McKean adjourned the meeting at 12:15 p.m.

AGENDA ITEM 5

Submitted by:	
_	Paul Peschel, P.E. Board Secretary
approved on 2020	

Board President

1:46 PM 06/10/20 Accrual Basis

Kings River Water Quality Coalition Balance Sheet Prev Year Comparison

AGENDA ITEM 6

As of May 31, 2020

	May 31, 20	May 31, 19	\$ Change	% Change
ASSETS				
Current Assets				
Checking/Savings				
10000 · JPMorgan Chase Bank, N.A.	257,846.37	162,330.48	95,515.89	58.84%
10100 · JPMorgan Chase Savings	1,224,848.56	1,152,380.16	72,468.40	6.29%
10200 · Petty Cash	200.00	200.00	0.00	0.0%
Total Checking/Savings	1,482,894.93	1,314,910.64	167,984.29	12.78%
Accounts Receivable				
11000 · Accounts Receivable	52,337.52	8,834.32	43,503.20	492.43%
Total Accounts Receivable	52,337.52	8,834.32	43,503.20	492.43%
Total Current Assets	1,535,232.45	1,323,744.96	211,487.49	15.98%
TOTAL ASSETS	1,535,232.45	1,323,744.96	211,487.49	15.98%
LIABILITIES & EQUITY				
Liabilities				
Current Liabilities				
Accounts Payable				
20000 · Accounts Payable	85,625.16	103,843.57	-18,218.41	-17.54%
Total Accounts Payable	85,625.16	103,843.57	-18,218.41	-17.54%
Total Current Liabilities	85,625.16	103,843.57	-18,218.41	-17.54%
Total Liabilities	85,625.16	103,843.57	-18,218.41	-17.54%
Equity				
30000 Opening Balance Equity	3,497.59	3,497.59	0.00	0.0%
32000 · Unrestricted Net Assets	1,161,995.90	1,398,737.09	-236,741.19	-16.93%
Net Income	284,113.80	-182,333.29	466,447.09	255.82%
Total Equity	1,449,607.29	1,219,901.39	229,705.90	18.83%
TOTAL LIABILITIES & EQUITY	1,535,232.45	1,323,744.96	211,487.49	15.98%

1:50 PM 06/10/20 Accrual Basis

Kings River Water Quality Coalition Profit & Loss Budget vs. Actual

	Feb - May 20	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense	-	-		-
Income				
45000 · Investments				
45030 · Interest-Savings, Short-term CD	926.81	0.00	926.81	100.0%
Total 45000 · Investments	926.81	0.00	926.81	100.0%
47200 · Program Income				
47230 · Membership Dues	57,804.32	0.00	57,804.32	100.0%
47240 · Program Service Fees	840.00	0.00	840.00	100.0%
47255 · MPEP GROUP	0.00	60,602.00	-60,602.00	0.0%
47260 · CV-SALTS	7,950.00	15,002.00	-7,052.00	52.99%
47270 · CVGMC	81,145.00	0.00	81,145.00	100.0%
47200 · Program Income - Other	950.01	0.00	950.01	100.0%
Total 47200 · Program Income	148,689.33	75,604.00	73,085.33	196.67%
48000 · Grant Revenue				
48080 · CDFA FREP Grant Revenue State	21,041.01	0.00	21,041.01	100.0%
48130 · Cleanup and Abatement Grant	68,993.82	25,000.00	43,993.82	275.98%
Total 48000 · Grant Revenue	90,034.83	25,000.00	65,034.83	360.14%
Total Income	239,650.96	100,604.00	139,046.96	238.21%
Gross Profit	239,650.96	100,604.00	139,046.96	238.21%
Expense		, ,		
62100 · Contract Services				
62102 · State Board Fee	824,441.00	784,400.00	40,041.00	105.11%
62105 · Program Expense	343,546.68	354,957.00	-11,410.32	96.79%
62115 · Monitoring Expenses	14,709.62	59,427.00	-44,717.38	24.75%
62120 · Outreach Expense	2,278.13	8,500.00	-6,221.87	26.8%
62140 · Legal Fees	19.928.36	59,168.00	-39,239.64	33.68%
62150 · Outside Contract Services	11,942.84	70,000.00	-58,057.16	17.06%
62151 · Contract Srvcs - Fill Stations	25,044.40	50,000.00	-24,955.60	50.09%
62155 · Outside Contract Services-MPEP	61,177.91	68,472.00	-7,294.09	89.35%
62160 · Outside Contract Serv CV-Salts	0.00	8,332.00	-8,332.00	0.0%
62170 · Outside Contract Serv - CVGMC	18,302.57	26,668.00	-8,365.43	68.63%
Total 62100 · Contract Services	1,321,371.51	1,489,924.00	-168,552.49	88.69%
62800 Facilities and Equipment	1,021,011.01	.,,.		
62825 · Computer Software	3,113.50	15,000.00	-11,886.50	20.76%
62830 · Data Management System	1,250.00	6,500.00	-5,250.00	19.23%
Total 62800 · Facilities and Equipment	4,363.50	21,500.00	-17,136.50	20.3%
65000 · Operations	1,000.00	21,000.00	,	
65020 · Postage, Mailing Service	2,761.85	8,800.00	-6,038.15	31.39%
65030 · Printing and Copying	1,067.50	5,332.00	-4,264.50	20.02%
65040 · Supplies	3,720.18	12,532.00	-8,811.82	29.69%
65050 · Telephone, Telecommunications	130.48	0.00	130.48	100.0%
Total 65000 · Operations	7,680.01	26,664.00	-18,983.99	28.8%

1:50 PM 06/10/20 **Accrual Basis**

Kings River Water Quality Coalition Profit & Loss Budget vs. Actual February through May 2020

	Feb - May 20	Budget	\$ Over Budget	% of Budget
65100 · Other Types of Expenses				
65120 · Insurance - Liability, D and O	0.00	6,200.00	-6,200.00	0.0%
65125 · Audit	560.00	3,700.00	-3,140.00	15.14%
65137 · Memberships and Dues CV-Salts	19,500.00	6,668.00	12,832.00	292.44%
65160 · Other Costs	10.00	0.00	10.00	100.0%
Total 65100 · Other Types of Expenses	20,070.00	16,568.00	3,502.00	121.14%
66000 · Grant Expenditures				
66080 · CDFA FREP Grant Expense State	8,017.94	0.00	8,017.94	100.0%
66130 · Cleanup and Abatement Grant	33,638.03	33,000.00	638.03	101.93%
Total 66000 · Grant Expenditures	41,655.97	33,000.00	8,655.97	126.23%
68300 · Travel and Meetings				
68320 · Travel	971.56	3,668.00	-2,696.44	26.49%
Total 68300 · Travel and Meetings	971.56	3,668.00	-2,696.44	26.49%
Total Expense	1,396,112.55	1,591,324.00	-195,211.45	87.73%
Net Ordinary Income	-1,156,461.59	-1,490,720.00	334,258.41	77.58%
Net Income	-1,156,461.59	-1,490,720.00	334,258.41	77.58%

Kings River Water Quality Coalition Profit & Loss Budget vs. Actual

AGENDA ITEM 6

July 2019 through June 2020 As of May 31, 2020

	Jul '19 - Jun 20	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense				
Income				
45000 · Investments				
45030 · Interest-Savings, Short-term CD	2,330.77	0.00	2,330.77	100.0%
Total 45000 · Investments	2,330.77	0.00	2,330.77	100.0%
47200 · Program Income				
47230 · Membership Dues	2,394,799.90	2,311,523.00	83,276.90	103.6%
47240 · Program Service Fees	840.00	0.00	840.00	100.0%
47255 · MPEP GROUP	133,008.00	121,204.00	11,804.00	109.74%
47260 · CV-SALTS	31,612.50	30,002.00	1,610.50	105.37%
47270 · CVGMC	81,145.00	65,680.00	15,465.00	123.55%
47200 · Program Income - Other	950.01	0.00	950.01	100.0%
Total 47200 · Program Income	2,642,355.41	2,528,409.00	113,946.41	104.51%
48000 · Grant Revenue				
48020 · CIG Grant Revenue Federal	56,778.00	37,000.00	19,778.00	153.45%
48040 · CIG Grant Revenue In-Kind	0.00	0.00	0.00	0.0%
48080 · CDFA FREP Grant Revenue State	21,041.01	33,400.00	-12,358.99	63.0%
48100 · CDFA FREP Grant Revenue In-kind	0.00	0.00	0.00	0.0%
48130 · Cleanup and Abatement Grant	211,671.03	100,000.00	111,671.03	211.67%
48000 · Grant Revenue - Other	0.00	0.00	0.00	0.0%
Total 48000 · Grant Revenue	289,490.04	170,400.00	119,090.04	169.89%
Total Income	2,934,176.22	2,698,809.00	235,367.22	108.72%
Gross Profit	2,934,176.22	2,698,809.00	235,367.22	108.72%
Expense				
62100 · Contract Services				
62102 · State Board Fee	824,441.00	784,400.00	40,041.00	105.11%
62105 ⋅ Program Expense	820,863.76	1,025,423.00	-204,559.24	80.05%
62115 · Monitoring Expenses	127,988.88	175,275.00	-47,286.12	73.02%
62120 · Outreach Expense	9,930.03	26,000.00	-16,069.97	38.19%
62140 · Legal Fees	61,733.67	180,000.00	-118,266.33	34.3%
62145 · Legal Fees - CV-Salts	0.00	0.00	0.00	0.0%
62150 · Outside Contract Services	138,236.07	210,000.00	-71,763.93	65.83%
62151 · Contract Srvcs - Fill Stations	60,560.09	150,000.00	-89,439.91	40.37%
62155 · Outside Contract Services-MPEP	182,052.50	205,430.00	-23,377.50	88.62%
62160 · Outside Contract Serv CV-Salts	25,000.00	25,000.00	0.00	100.0%
62170 · Outside Contract Serv - CVGMC	42,007.84	80,000.00	-37,992.16	52.51%
Total 62100 · Contract Services	2,292,813.84	2,861,528.00	-568,714.16	80.13%
62800 · Facilities and Equipment				
62825 · Computer Software	3,113.50	45,000.00	-41,886.50	6.92%
62830 · Data Management System	11,928.75	20,000.00	-8,071.25	59.64%
Total 62800 · Facilities and Equipment	15,042.25	65,000.00	-49,957.75	23.14%

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Kings River Water Quality Coalition Profit & Loss Budget vs. Actual

AGENDA ITEM 6

July 2019 through June 2020 As of May 31, 2020

	Jul '19 - Jun 20	Budget	\$ Over Budget	% of Budget
65000 · Operations				
65020 · Postage, Mailing Service	14,020.44	26,400.00	-12,379.56	53.11%
65030 · Printing and Copying	12,835.72	16,000.00	-3,164.28	80.22%
65040 · Supplies	3,720.18	37,600.00	-33,879.82	9.89%
65050 · Telephone, Telecommunications	1,462.87	0.00	1,462.87	100.0%
Total 65000 · Operations	32,039.21	80,000.00	-47,960.79	40.05%
65100 · Other Types of Expenses				
65120 · Insurance - Liability, D and O	6,745.00	6,200.00	545.00	108.79%
65125 · Audit	6,540.00	9,950.00	-3,410.00	65.73%
65137 · Memberships and Dues CV-Salts	19,500.00	20,000.00	-500.00	97.5%
65160 · Other Costs	10.00	0.00	10.00	100.0%
Total 65100 · Other Types of Expenses	32,795.00	36,150.00	-3,355.00	90.72%
66000 · Grant Expenditures				
66020 · CIG Grant Expenditures Federal	56,778.00	37,000.00	19,778.00	153.45%
66080 · CDFA FREP Grant Expense State	21,041.01	33,400.00	-12,358.99	63.0%
66130 · Cleanup and Abatement Grant	195,560.80	100,000.00	95,560.80	195.56%
Total 66000 · Grant Expenditures	273,379.81	170,400.00	102,979.81	160.43%
68300 · Travel and Meetings				
68310 · Conference, Convention, Meeting	0.00	0.00	0.00	0.0%
68320 · Travel	3,992.31	11,000.00	-7,007.69	36.29%
Total 68300 · Travel and Meetings	3,992.31	11,000.00	-7,007.69	36.29%
Total Expense	2,650,062.42	3,224,078.00	-574,015.58	82.2%
Net Ordinary Income	284,113.80	-525,269.00	809,382.80	-54.09%
Net Income	284,113.80	-525,269.00	809,382.80	-54.09%

Kings River Water Quality Coalition **Check Detail**

AGENDA ITEM 6

	February through May 2020							
Туре	Num	Date Name	Account	Amount	Original Amount			
Bill Pmt -Check	2134	02/07/2020 Aqua	10000 · JPMorgan Chase Bank, N.A.		-540.51			
Bill	13937,13942	02/07/2020	62151 · Contract Srvcs - Fill Stations	-478.88	478.88			
			62151 · Contract Srvcs - Fill Stations	-61.63	61.63			
TOTAL				-540.51	540.51			
Bill Pmt -Check	2135	02/07/2020 BSK Assoc.	10000 · JPMorgan Chase Bank, N.A.		-180.00			
Bill	AD01353	02/07/2020	62151 · Contract Srvcs - Fill Stations	-180.00	180.00			
TOTAL	7,501000			-180.00	180.00			
Bill Pmt -Check	2136	02/07/2020 Catalyst Group	10000 · JPMorgan Chase Bank, N.A.		-5,050.00			
		-2/07/2009	COACO Cleanum and Abetemant Cropt	-5,050.00	5,050.00			
Bill	465	02/07/2020	66130 · Cleanup and Abatement Grant	-5,050.00	5,050.00			
TOTAL				-5,050.00	5,050.00			
Bill Pmt -Check	2137	02/07/2020 Kearney	10000 · JPMorgan Chase Bank, N.A.		-250.00			
Bill	Feb-2020	02/07/2020	62120 · Outreach Expense	-250.00	250.00			
TOTAL	1 00 2020	02.01.2020		-250.00	250.00			
Bill Pmt -Check	2138	02/07/2020 Kings River Conservation District	10000 · JPMorgan Chase Bank, N.A.		-62,195.58			
Bill	4567	01/31/2020	62105 · Program Expense	-58,902.45	58,902.45			
			62115 · Monitoring Expenses	-1,883.28	1,883.28			
			62120 · Outreach Expense	-54.70	54.70			
			65020 · Postage, Mailing Service	-7.30	7.30			
			65050 · Telephone, Telecommunications	-101.78	101.78			
			68320 · Travel	-1,246.07	1,246.07			
TOTAL				-62,195.58	62,195.58			
Bill Pmt -Check	2139	02/07/2020 MLJ	10000 · JPMorgan Chase Bank, N.A.		-1,250.00			
Bill	07-19KingsData_19	02/07/2020	62830 · Data Management System	-1,250.00	1,250.00			
TOTAL				-1,250.00	1,250.00			
Bill Pmt -Check	2140	02/14/2020 Klein	10000 · JPMorgan Chase Bank, N.A.		-320.00			
Bill	22135-003-153903	02/14/2020	62140 · Legal Fees	-320.00	320.00			
TOTAL				-320.00	320.00			
Bill Pmt -Check	2141	02/14/2020 Plan Tierra, LLC	10000 · JPMorgan Chase Bank, N.A.		-21,546.89			
Bill	919	02/14/2020	62155 · Outside Contract Services-MPEP	-58,36				
Bill	920	02/14/2020	62155 · Outside Contract Services-MPEP	-19,140.01				
Bill	921	02/14/2020	66080 · CDFA FREP Grant Expense State	-2,173.44				
Bill	925	02/14/2020	62155 · Outside Contract Services-MPEP	-175.08	***************************************			
TOTAL				-21,546.89	21,546.89			

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AGENDA ITEM 6 Kings River Water Quality Coalition **Check Detail**

February through May 2020			Paid		
Туре	Num	Date Name	Account	Amount	Original Amount
Bill Pmt -Check	2142	02/14/2020 Plan Tierra, LLC	10000 · JPMorgan Chase Bank, N.A.		-14,667.55
Bill	926	02/14/2020	62155 · Outside Contract Services-MPEP	-13,200.59	13,200.59
Bill	927	02/14/2020	66080 · CDFA FREP Grant Expense State	-1,466.96	1,466.96
TOTAL				-14,667.55	14,667.55
Bill Pmt -Check	2143	02/20/2020 Professional Print	10000 · JPMorgan Chase Bank, N.A.		-438.16
Bill	102735	02/20/2020	62151 · Contract Srvcs - Fill Stations	-438.16	438.16
TOTAL	102703			-438.16	438.16
Bill Pmt -Check	2144	02/21/2020 Somach	10000 · JPMorgan Chase Bank, N.A.		-630.00
Bill	3007056	02/21/2020	62140 · Legal Fees	-630.00	630.00
TOTAL				-630.00	630.00
Bill Pmt -Check	2145	02/21/2020 William Jones	10000 · JPMorgan Chase Bank, N.A.		-500.00
Bill	1230	02/21/2020	62120 · Outreach Expense	-500.00	500.00
TOTAL				-500.00	500.00
Bill Pmt -Check	2146	02/21/2020 Provost	10000 · JPMorgan Chase Bank, N.A.		-9,255.27
Bill	77227	02/21/2020	62150 · Outside Contract Services	-1,910.80	1,910.80
Bill	77448	02/21/2020	62150 · Outside Contract Services	-2,869.00	2,869.00
Bill	77457	02/21/2020	62151 · Contract Srvcs - Fill Stations	-4,082.97	
Bill	77458	02/21/2020	62151 · Contract Srvcs - Fill Stations	-392.50	
TOTAL				-9,255.27	9,255.27
Bill Pmt -Check	2147	02/28/2020 BSK Assoc.	10000 · JPMorgan Chase Bank, N.A.		-60.00
Bill	AD03544	02/28/2020	62151 · Contract Srvcs - Fill Stations	-60.00	60.00
TOTAL				-60.00	60.00
Bill Pmt -Check	2148	02/28/2020 Provost	10000 · JPMorgan Chase Bank, N.A.		-4,476.31
Bill	77447	02/28/2020	62151 · Contract Srvcs - Fill Stations	-2,588.71	2,588.71
5			62150 · Outside Contract Services	-1,887.60	1,887.60
TOTAL				-4,476.31	4,476.31
Bill Pmt -Check	2149	02/28/2020 SWRCB	10000 · JPMorgan Chase Bank, N.A.		-824,441.00
Bill	IR-0001489	02/28/2020	62102 · State Board Fee	-824,441.00	824,441.00
TOTAL				-824,441.00	824,441.00
Bill Pmt -Check	2150	03/06/2020 CVSC	10000 · JPMorgan Chase Bank, N.A.		-19,500.00
Bill	2020-4	03/06/2020	65137 · Memberships and Dues CV-Salts	-19,500.00	19,500.00
TOTAL				-19,500.00	19,500.00

AGENDA ITEM 6

Kings River Water Quality Coalition Check Detail

	February through May 2020		Paid		
Туре	Num	Date Name	Account	Amount	Original Amount
Bill Pmt -Check	2151	03/06/2020 Kings River Conservation District	10000 · JPMorgan Chase Bank, N.A.		-79,996.85
Bill	4571	02/29/2020	62105 · Program Expense	-79,006.11	79,006.11
			62115 · Monitoring Expenses	-619.62	619.62
			65020 · Postage, Mailing Service	-123.50	123.50
			65050 · Telephone, Telecommunications	-130.48	130.48
			68320 · Travel	-117.14	117.14
TOTAL				-79,996.85	79,996.85
Bill Pmt -Check	2152	03/06/2020 GEI	10000 · JPMorgan Chase Bank, N.A.		-7,136.25
Bill	3066641	03/06/2020	66130 · Cleanup and Abatement Grant	-6,541.00	6,541.00
Bill	3066642	03/06/2020	66130 · Cleanup and Abatement Grant	-595.25	595.25
TOTAL				-7,136.25	7,136.25
Bill Pmt -Check	2153	03/06/2020 Plan Tierra, LLC	10000 · JPMorgan Chase Bank, N.A.		-13,194.53
Bill	929	03/06/2020	62155 · Outside Contract Services-MPEP	-12,321.58	12,321.58
Bill	930	03/06/2020	66080 · CDFA FREP Grant Expense State	-872.95	872.95
TOTAL				-13,194.53	13,194.53
Bill Pmt -Check	2154	03/13/2020 BSK Assoc.	10000 · JPMorgan Chase Bank, N.A.		-60.00
Bill	AD04543	03/13/2020	62151 · Contract Srvcs - Fill Stations	-60.00	60.00
TOTAL				-60.00	60.00
Bill Pmt -Check	2155	03/13/2020 Klein	10000 · JPMorgan Chase Bank, N.A.		-224.00
Bill	22135-003-155203	03/13/2020	62140 · Legal Fees	-224.00	224.00
TOTAL				-224.00	224.00
Bill Pmt -Check	2156	03/13/2020 Price Paige & Company	10000 · JPMorgan Chase Bank, N.A.		-560.00
D:III	16681	03/13/2020	65125 · Audit	-560.00	560.00
Bill TOTAL	10001	00/10/2020		-560.00	
Bill Pmt -Check	2157	03/13/2020 Professional Print	10000 · JPMorgan Chase Bank, N.A.		-604.15
Bill	102735-	03/13/2020	62151 · Contract Srvcs - Fill Stations	-604.15	604.15
TOTAL				-604.15	604.15
Bill Pmt -Check	2158	03/13/2020 Professional Print	10000 · JPMorgan Chase Bank, N.A.		-782.60
Bill	568052	03/13/2020	62151 · Contract Srvcs - Fill Stations	-782.60	782.60
TOTAL				-782.60	782.60
Bill Pmt -Check	2159	03/20/2020 BSK Assoc.	10000 · JPMorgan Chase Bank, N.A.		-3,695.00
Bill	AD02378,AD02038	03/20/2020	62115 · Monitoring Expenses	-3,570.00	3,570.00
			62115 · Monitoring Expenses	-125.00	125.00
TOTAL				-3,695.00	3,695.00

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Kings River Water Quality Coalition **Check Detail**

AGENDA ITEM 6

		February thro	_	Paid Amount	Original Amount
Туре	Num	Date Name	Account	Amount	
Bill Pmt -Check	2160	03/20/2020 Hughes Diversified	10000 · JPMorgan Chase Bank, N.A.		-2,850.00
Bill	2005	03/20/2020	62151 · Contract Srvcs - Fill Stations	-2,850.00	2,850.00
OTAL				-2,850.00	2,850.00
Dill Duck Charle	24.04	03/20/2020 Luhdorff	10000 · JPMorgan Chase Bank, N.A.		-9,512.57
Bill Pmt -Check	2161	03/20/2020 Lundom	10000 of morgan onace paint, to a		•,• ·
Bill	35796	03/20/2020	62170 · Outside Contract Serv - CVGMC	-9,512.57	9,512.57
OTAL				-9,512.57	9,512.57
Bill Pmt -Check	2162	03/20/2020 Somach	10000 · JPMorgan Chase Bank, N.A.		-6,851.22
Bill	3007275	03/20/2020	62140 · Legal Fees	-6,851.22	6,851.22
OTAL	5007275		•	-6,851.22	6,851.22
Bill Pmt -Check	2163	03/26/2020 Brock Taylor	10000 · JPMorgan Chase Bank, N.A.		-500.00
Bill	KRCD20/#1	03/26/2020	62120 · Outreach Expense	-500.00	500.00
OTAL				-500.00	500.00
Bill Pmt -Check	2164	03/26/2020 BSK Assoc.	10000 · JPMorgan Chase Bank, N.A.		-60.00
Dill	AD05339	03/26/2020	62151 · Contract Srvcs - Fill Stations	-60,00	60.00
Bill OTAL	AD00009	00/20/2020	<u> </u>	-60.00	
Bill Pmt -Check	2165	03/26/2020 Catalyst Group	10000 · JPMorgan Chase Bank, N.A.		-7,700.00
			access of the second Oracle	7 700 00	7 700 00
Bill OTAL	470	03/26/2020	66130 · Cleanup and Abatement Grant	-7,700.00 -7,700.00	
OTAL				,	•
Bill Pmt -Check	2166	03/26/2020 GEI	10000 · JPMorgan Chase Bank, N.A.		-2,946.25
Bill	3067765	03/26/2020	66130 · Cleanup and Abatement Grant	-1,571.25	1,571.25
Bill	3067766	03/26/2020	66130 · Cleanup and Abatement Grant	-1,375.00	1,375.00
OTAL				-2,946.25	2,946.25
Bill Pmt -Check	2167	03/26/2020 Kings Rehabilitation	10000 · JPMorgan Chase Bank, N.A.		0.00
OTAL				0.00	0.00
Bill Pmt -Check	2168	03/26/2020 MLJ	10000 · JPMorgan Chase Bank, N.A.		-3,465.00
Dill	02 20 KingsData 20	03/26/2020	62150 · Outside Contract Services	-3,465.00	3,465.00
Bill OTAL	02-20 KingsData_20	55,2012020	20.22	-3,465.00	
Bill Pmt -Check	2169	03/26/2020 Provost	10000 · JPMorgan Chase Bank, N.A.		-1,413.00
			62151 · Contract Srvcs - Fill Stations	-471.00	471.00
Bill Bill	77846 77847	03/26/2020 03/26/2020	62151 · Contract Sives - Fill Stations	-942.00	

Kings River Water Quality Coalition 06/10/20 **Check Detail**

AGENDA ITEM 6

	Paid				
Туре	Num	Date Name	Account	Amount	Original Amount
Bill Pmt -Check	2170	03/26/2020 UC-Davis	10000 · JPMorgan Chase Bank, N.A.		-56,584.00
Bill	77B11-02	09/30/2019	66020 · CIG Grant Expenditures Federal	-56,584.00	56,584.00
TOTAL	77517-02	03/03/25 10	•	-56,584.00	56,584.00
Bill Pmt -Check	2171	04/03/2020 BSK Assoc.	10000 ⋅ JPMorgan Chase Bank, N.A.		-3,705.00
		2.102.1222	62115 · Monitoring Expenses	-3,580.00	3,580.00
Bill	AD05057,AD04034	04/03/2020	62115 · Monitoring Expenses	-125.00	125.00
TOTAL			52 ,10 	-3,705.00	3,705.00
Bill Pmt -Check	2172	04/03/2020 Plan Tierra, LLC	10000 · JPMorgan Chase Bank, N.A.		-11,171.37
Bill	936	04/03/2020	62155 · Outside Contract Services-MPEP	-330.00	330.00
Bill	937	04/03/2020	66080 · CDFA FREP Grant Expense State	-1,545.46	1,545.46
Bill	938	04/03/2020	62155 Outside Contract Services-MPEP	-9,295.91	9,295.91
TOTAL				-11,171.37	11,171.37
Bill Pmt -Check	2173	04/10/2020 BSK Assoc.	10000 · JPMorgan Chase Bank, N.A.		-60.00
Bill	AD06592	04/10/2020	62151 · Contract Srvcs - Fill Stations	-60.00	60.00
TOTAL	AD00002	01/10/2020		-60.00	60.00
Bill Pmt -Check	2174	04/10/2020 FTB	10000 · JPMorgan Chase Bank, N.A.		-1,042.00
Bill	15062	04/10/2020	65030 · Printing and Copying	-536.00	536.00
Bill	15096	04/10/2020	65030 Printing and Copying	-506.00	506.00
TOTAL	10000			-1,042.00	1,042.00
Bill Pmt -Check	2175	04/10/2020 Kings River Conservation District	10000 · JPMorgan Chase Bank, N.A.		-72,486.69
Bill	4578	03/31/2020	62105 · Program Expense	-68,656.91	68,656.91
DIII	4370	00/01/2020	62120 · Outreach Expense	-728.48	728.48
			65020 · Postage, Mailing Service	-159.00	159.00
			65040 · Supplies	-2,087.88	2,087.88
			68320 · Travel	-854.42	854.42
TOTAL				-72,486.69	72,486.69
Bill Pmt -Check	2176	04/10/2020 Professional Print	10000 · JPMorgan Chase Bank, N.A.		-639.00
Bill	103369	04/10/2020	62151 · Contract Srvcs - Fill Stations	-639.00	639.00
TOTAL				-639.00	639.00
Bill Pmt -Check	2177	04/10/2020 Provost	10000 · JPMorgan Chase Bank, N.A.		-517.94
Bill	78206	04/10/2020	62150 · Outside Contract Services	-166.54	166.54
Bill	78207	04/10/2020	62150 · Outside Contract Services	-351.40	351.40
TOTAL				-517.94	517.94

Kings River Water Quality Coalition **Check Detail**

AGENDA ITEM 6

	Paid				
Туре	Num	Date Name	Account	Amount	Original Amount
Bill Pmt -Check	2178	04/10/2020 U. S. Postal Service	10000 · JPMorgan Chase Bank, N.A.		-2,000.00
Bill	April-2020	04/10/2020	65020 · Postage, Mailing Service	-2,000.00	2,000.00
TOTAL	·			-2,000.00	2,000.00
Bill Pmt -Check	2179	04/17/2020 BSK Assoc.	10000 · JPMorgan Chase Bank, N.A.		-3,565.00
Bill	AD06663,AD06073	04/17/2020	62115 · Monitoring Expenses	-3,440.00	3,440.00
			62115 · Monitoring Expenses	-125.00	125.00
TOTAL				-3,565.00	3,565.00
Bill Pmt -Check	2180	04/17/2020 Catalyst Group	10000 · JPMorgan Chase Bank, N.A.		-6,503.03
Bill	476	04/17/2020	66130 · Cleanup and Abatement Grant	-6,503.03	6,503.03
TOTAL				-6,503.03	6,503.03
Bill Pmt -Check	2181	04/17/2020 Kaweah Delta	10000 · JPMorgan Chase Bank, N.A.		-89.00
Bill	FY2020-159	04/17/2020	62140 · Legal Fees	-89.00	89.00
TOTAL				-89.00	89.00
Bill Pmt -Check	2182	04/17/2020 Luhdorff	10000 · JPMorgan Chase Bank, N.A.		-8,790.00
Bill	35873	04/17/2020	62170 · Outside Contract Serv - CVGMC	-8,790.00	8,790.00
TOTAL				-8,790.00	8,790.00
Bill Pmt -Check	2183	04/17/2020 MLJ	10000 · JPMorgan Chase Bank, N.A.		-1,292.50
Bill	03-20 Kings Data 20	04/17/2020	62150 · Outside Contract Services	-1,292.50	1,292.50
TOTAL	50 20 / tingo 2 tit. 20			-1,292.50	1,292.50
Bill Pmt -Check	2184	04/24/2020 Dellavalle	10000 · JPMorgan Chase Bank, N.A.		-62.00
Bill	504337	04/24/2020	62151 · Contract Srvcs - Fill Stations	-62.00	62.00
TOTAL				-62.00	62.00
Bill Pmt -Check	2185	04/27/2020 Aqua	10000 · JPMorgan Chase Bank, N.A.		-4,600.00
Bill	14005	04/27/2020	62151 · Contract Srvcs - Fill Stations	-4,600.00	4,600.00
TOTAL				-4,600.00	4,600.00
Bill Pmt -Check	2186	05/01/2020 Kaweah Delta	10000 · JPMorgan Chase Bank, N.A.		-170.67
Bill	FY2020-168	05/01/2020	62140 · Legal Fees	-170.67	170.67
TOTAL				-170.67	170.67
Bill Pmt -Check	2187	05/01/2020 Professional Print	10000 · JPMorgan Chase Bank, N.A.		-932.43
Bill	103240,103306	05/01/2020	62151 · Contract Srvcs - Fill Stations	-833.40	833.40
5 111	. 302 . 2, . 2000	- v	62151 · Contract Srvcs - Fill Stations	-99.03	99.03
TOTAL				-932.43	932,43

Kings River Water Quality Coalition **Check Detail**

AGENDA ITEM 6

February through May 2020					
Туре	Num	Date Name	Account	Paid Amount	Original Amount
Bill Pmt -Check	2188	05/01/2020 Provost	10000 · JPMorgan Chase Bank, N.A.		-1,772.04
Bill	78318,78319	05/01/2020	62151 · Contract Srvcs - Fill Stations	-1,301.04	1,301.04
			62151 · Contract Srvcs - Fill Stations	-471.00	471.00
TOTAL				-1,772.04	1,772.04
Bill Pmt -Check	2189	05/01/2020 Somach	10000 · JPMorgan Chase Bank, N.A.		-10,970.47
Bill	3007612	05/01/2020	62140 · Legal Fees	-6,682.01	6,682.01
Bill	3007126	05/01/2020	62140 · Legal Fees	-4,288.46	4,288.46
TOTAL				-10,970.47	10,970.47
Bill Pmt -Check	2190	05/01/2020 Brock Taylor	10000 · JPMorgan Chase Bank, N.A.		-500.00
Bill	KRWQC19/#1	05/24/2019	62120 · Outreach Expense	-500.00	500.00
TOTAL				-500.00	500.00
Bill Pmt -Check	2191	05/04/2020 Professional Print	10000 · JPMorgan Chase Bank, N.A.		-557.51
Bill	103684	05/04/2020	62151 · Contract Srvcs - Fill Stations	-557.51	557.51
TOTAL	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			-557.51	557.51
Bill Pmt -Check	2192	05/07/2020 Kings Rehabilitation	10000 · JPMorgan Chase Bank, N.A.		-300.00
Bill	8481	05/07/2020	62151 · Contract Srvcs - Fill Stations	-300.00	300.00
TOTAL				-300.00	300.00
Bill Pmt -Check	2193	05/07/2020 Kings River Conservation District	10000 · JPMorgan Chase Bank, N.A.		-112,082.15
Bill	4586	04/30/2020	62105 · Program Expense	-110,963.82	110,963.82
		•	62120 · Outreach Expense	-144.00	144.00
			65020 · Postage, Mailing Service	-0.50	0.50
			65040 · Supplies	-973.83	973.83
TOTAL				-112,082.15	112,082.15
Bill Pmt -Check	2194	05/07/2020 Klein	10000 · JPMorgan Chase Bank, N.A.		-288.00
Bill	22135-003-157676	05/07/2020	62140 · Legal Fees	-288.00	288.00
TOTAL				-288.00	288.00
Bill Pmt -Check	2195	05/07/2020 Professional Print	10000 · JPMorgan Chase Bank, N.A.		-314.58
Bill	103369-	05/07/2020	62151 · Contract Srvcs - Fill Stations	-314.58	314.58
TOTAL				-314.58	314.58
Bill Pmt -Check	2196	05/15/2020 Aqua	10000 · JPMorgan Chase Bank, N.A.		-604.08
Bill	14022	05/15/2020	62151 · Contract Srvcs - Fill Stations	-604.08	604.08
TOTAL				-604.08	604.08

2:17 PM 06/10/20

Kings River Water Quality Coalition **Check Detail**

AGENDA ITEM 6

	Paid				
Туре	Num	Date Name	Account	Amount	Original Amount
Bill Pmt -Check	2197	05/15/2020 Catalyst Group	10000 · JPMorgan Chase Bank, N.A.		-4,302.50
Bill	481	05/15/2020	66130 · Cleanup and Abatement Grant	-4,302.50	4,302.50
TOTAL	.01	•••	·	-4,302.50	4,302.50
Bill Pmt -Check	2198	05/15/2020 FTB	10000 · JPMorgan Chase Bank, N.A.		-462.00
Bill	15143	05/15/2020	65020 · Postage, Mailing Service	-462.00	462.00
TOTAL	10170	307.3.2.2.3	¥ . •	-462.00	462.00
Bill Pmt -Check	2199	05/15/2020 MLJ	10000 · JPMorgan Chase Bank, N.A.		-1,507.50
Bill	04-20 KRCD_Phase 1A	05/15/2020	62825 ⋅ Computer Software	-1,507.50	1,507.50
TOTAL	_			-1,507.50	1,507.50
Bill Pmt -Check	2200	05/15/2020 PC Solutions	10000 · JPMorgan Chase Bank, N.A.		-1,606.00
Bill	KRW2001	05/15/2020	62825 · Computer Software	-1,606.00	1,606.00
TOTAL	,,,,,,			-1,606.00	1,606.00
Bill Pmt -Check	2201	05/15/2020 Plan Tierra, LLC	10000 ⋅ JPMorgan Chase Bank, N.A.		-8,615.51
Bill	945	05/15/2020	62155 · Outside Contract Services-MPEP	-6,656.38	6,656.38
Bill	946	05/15/2020	66080 · CDFA FREP Grant Expense State	-1,959.13	1,959.13
TOTAL				-8,615.51	8,615.51
Bill Pmt -Check	2202	05/22/2020 BSK Assoc.	10000 · JPMorgan Chase Bank, N.A.		-3,125.00
Bill	AD08904,AD08525	05/22/2020	62115 · Monitoring Expenses	-3,000.00	3,000.00
			62115 · Monitoring Expenses	-125.00	125.00
TOTAL				-3,125.00	3,125.00
Bill Pmt -Check	2203	05/22/2020 Dellavalle	10000 · JPMorgan Chase Bank, N.A.		-62.00
Bill	505169	05/22/2020	62151 · Contract Srvcs - Fill Stations	-62.00	62.00
TOTAL				-62.00	62.00
Bill Pmt -Check	2204	05/22/2020 Professional Print	10000 · JPMorgan Chase Bank, N.A.		-488.16
Bill	103873	05/22/2020	62151 · Contract Srvcs - Fill Stations	-488.16	488.16
TOTAL				-488.16	488.16
Bill Pmt -Check	2205	05/26/2020 Kings Rehabilitation	10000 · JPMorgan Chase Bank, N.A.		-600.00
Bill	8422,8423	03/26/2020	62151 · Contract Srvcs - Fill Stations	-300.00	300.00
			62151 · Contract Srvcs - Fill Stations	-300.00	300.00
TOTAL				-600.00	600.00

2:17 PM 06/10/20

Kings River Water Quality Coalition **Check Detail**

AGENDA ITEM 6

		· ·	February through	n May 2020	Paid	
Туре	Num	Date	Name	Account	Amount	Original Amount
Bill Pmt -Check	2207	05/28/2020 Kaweah Delta	a	10000 · JPMorgan Chase Bank, N.A.		-385.00
Bill	FY2020-184	05/28/2020		62140 · Legal Fees	-385.00	385.00
TOTAL					-385.00	385.00

Memorandum

TO: Board of Directors

FROM: Brian Trevarrow, Assistant Treasurer

Charlotte Gallock, Coodinator

SUBJECT: Proposed Budget for Fiscal Year 2020-2021

The Kings River Watershed Coalition Authority (Coalition) proposed budget for FY 2020-2021 will be presented at the June 16, 2020 Board Meeting. The proposed expenditure budget was reviewed and approved for recommendation to the Board by the Budget Committee.

The Budget Committee has recommended per acre fees of \$3.20 for de-listed acres and \$3.40 for all other acres. The revenue budget proposes to utilize approximately \$845,000 of reserves in FY 2020-2021. That would then leave approximately \$224,000 in reserves at the end of FY2020-2021.

The Coalition Irrigated Lands Regulatory Program (ILRP) Budget continues to increase as additional and expanded regulatory requirements are established. Groundwater Quality Trend Monitoring, Groundwater Quality Protection Targets, Surface Water Monitoring, Pesticide Evaluation Protocols, Management Practices Evaluation Program (MPEP) Reporting, CV-Salts Basin Plan Amendments (Management Zones), and Groundwater Quality Assessment are all impacted by new or expanded regulatory requirements. In addition, the CIG grant has been completed and the FREP grant is close to completion, however the MPEP program is not complete. Unless other grants are secured, the services currently funded by the grants will need to be funded by the Coalition. The budget has been prepared with the expectation that the Coalition will fund the MPEP in partnership with the members of the MPEP MOU group.

The California State Water Resources Control Board (SWRCB) ILRP fees are budgeted to increase to \$1.35 per irrigated acre in FY2020-2021. That is an increase of approximately 27% for Fiscal Year 2020 – 2021, from \$1.06 per irrigated acre (budget/\$1.08 actual) to \$1.35 per irrigated acre.

If you have any questions in advance of the meeting please contact me at (559) 237-5567 or btrevarrow@krcd.org or Charlotte Gallock at (559) 237-5567 or cgallock@krcd.org.

BT/CG/

Kings River Water Quality Coalition Water Quality Program Summary Expenditure Budget FY2020 - 2021

	Approved Program Budget Amount 19 - 6/30/20	Proposed Program Budget Amount /20 - 6/30/21		Total Acres Current Break-Even Rate 7/1/20 - 6/30/21	De-listed Acres Current Break-Even Rate 7/1/20 - 6/30/21	Other Acres Current Break-Even Rate 7/1/20 - 6/30/21
Expenditures						
Water Quality Program Administration, Development & Implementation Labor	1,025,423	1,103,728		1.29	1.29	1.29
Water Quality Program Administration, Development & Implementation Office Costs	133,150	90,500		0.12	0.12	0.12
Consulting and Studies	210,000	540,000		0.71	0.71	0.71
Legal and Litigation	180,000	225,000		0.29	0.29	0.29
Member Database, Data Management System	65,000	155,000		0.20	0.20	0.20
Kiosk Construction	150,000	122,000		0.16	0.00	0.20
NRCS GIG Grant	37,000	-	1.			
FREP Grant	33,400	21,854	1.			
CV-SALTS Grant	100,000	-	1.			
State Board (SWRCB) Annual Permit Fee	784,400	1,032,300	2.	1.35	1.35	1.35
CV-SALTS, MPEP, CVGMC Group Agreements	330,430	414,440	3.	0.19	0.19	0.19
Water Quality Monitoring Expenses	175,275	102,000		0.13	0.13	0.13
Total Expenditures	\$ 3,224,078	\$ 3,806,822		\$ 4.44	4.28	4.48
Current Coalition Members Application Fee, per application Coalition Members Acreage	\$ 30.00 3,900 740,000.0	\$ 30.00 3,955 764,667.0		764,667.0	24 140,859.0	3,931.00 623,808.0

KRW 200.02

 ^{1. 100%} Reimbursed by Grant Revenue
 SWRCB Annual Permit Fees are budgeted at \$1.35 per acre.

^{3.} Total cost is offset by contributions from Group Members. Net cost to the Coalition is budgeted to be \$142,640. Net cost to the Coalition is used to calculate per acre rate.

Kings River Water Quality Coalition ILRP Budget FY2020 - 2021 Proposed Rate Schedule

		ILRP Proposed TLB De-listed Acres Discounted Proposed Revenue Budget 7/1/20 - 6/30/21					
	Т	otal Acres	De-li	isted Acres	Oth	ner Irrigated Acres	
Coalition Irrigated Acreage		764,667		140,859		623,808	
Coalition Members		3,955		24		3,931	
Coalition Member Program Fee per Invoice			\$	30.00	\$	30.00	
State Board Fee per Acre			\$	1.35	\$	1.35	
Coalition Member Program Fee per Acre			\$	1.85	\$	2.05	
Subtotal per Acre Fees			\$	3.20	\$	3.40	
Acreage Fees	\$	2,571,692	\$	450,749	\$	2,120,943	
Invoice Fees	\$	118,650	\$	720	\$	117,930	
Total per Acre Fees	\$	2,690,342	\$	451,469	\$	2,238,873	
Proposed (Draw) on Reserves	\$	(844,680)					

Equity @ 3/31/2020 \$ 1,645,000

Budgeted Expenditures in (Excess) of Revenues 4/1/2020-6/30/2020

\$ (576,245)

Estimated Equity @ 6/30/2020

\$ 1,068,755

80% Estimated Equity @ 6/30/2020

\$ 855,000



June 11, 2020 File No. 20-7-050

Charlotte Gallock & Debra Dunn Kings River Conservation District 4886 E. Jensen Ave Fresno, CA 93725

SUBJECT: KINGS/TULARE LAKE SUBBASINS PRELIMINARY MANAGEMENT ZONE PROPOSAL SCOPE AND BUDGET FOR TECHNICAL ASSISTANCE

Dear Ms. Gallock and Ms. Dunn:

The Central Valley Regional Water Quality Control Board (Central Valley Water Board) has adopted amendments to the Basin Plans to establish a Salt and Nitrate Control Program in the Central Valley. The Nitrate Control Program establishes two pathways for compliance. Pathway B authorizes the establishment of Management Zones. In general, a Management Zone consists of multiple permittees and other local stakeholders working collectively to first ensure safe drinking water, then to manage nitrate to create a balance within a defined management area, and ultimately to develop and implement a long-term plan for restoration of groundwater (where reasonable, feasible, and practicable) to meet applicable water quality objectives.

To establish a Management Zone, participating permittees are required to develop and submit a series of deliverables to the Central Valley Water Board. The first of these deliverables is the Preliminary Management Zone Proposal (PMZP). The Kings River Conservation District (KRCD) boundary encompasses the Kings Subbasin and Tulare Lake Subbasins Under the Nitrate Control Program, the Kings Subbasin is a Priority 1 area, and the Tulare Lake Subbasin is Priority 2. Regardless of priority, KRCD is identifying the work that will be required for both subbasins to form one Management Zone to comply with the new Nitrate Control Program requirements (Pathway B for Management Zones). The Notices to Comply (NTC) for the Priority 1 subbasins are anticipated to be issued by the Central Valley Water Board by the end of May, 2020¹. The completed PMZP for Priority 1 subbasins must be prepared and submitted to the Board within 270 days following receipt of the NTC. Successful submittal of the PMZP on time to the Central Valley Water Board will necessitate close coordination between KRCD staff and the team to ensure outreach efforts expected by the Water Board and others can occur and all tasks can be completed in a timely manner. While all tasks are important, the expedient implementation of Task 6 is especially critical to confirm the participation of dischargers (and non-dischargers who choose to be engaged) in this time sensitive regulatory process.

500 First Street Woodland, CA 95776

¹ As confirmed by Regional Board executive members at the CV-SALTS meeting May 14, 2020.

The primary focus of this letter is to provide a scope of work and budget estimate to assist the stakeholders in the Kings and Tulare Lake Subbasins with the preparation of one PMZP for the two subbasins. Preparation of the PMZP will be completed by Luhdorff and Scalmanini Consulting Engineers (LSCE) working collaboratively with GEI Consultants (GEI). LSCE and GEI previously worked together on the preparation of draft PMZPs as part of the Management Zone pilot studies in the Turlock and Kings River East Groundwater Sustainability Agency (GSA)/Alta Irrigation District (AID) areas for CV-SALTS. For purposes of developing this scope and budget estimate, we have assumed that one Management Zone will be proposed. This Management Zone will include the Kings River East GSA/AID Management Zone developed under the pilot study, the remainder of the Kings Subbasin, and the entirety of the Tulare Lake Subbasin.

A brief description of the tasks requested by KRCD to help complete the PMZP for the Kings and Tulare Lake Subbasins is provided below, followed by a budget table (**Table 1**), and the Schedule of Fees for LSCE and GEI employees. The main role of LSCE and GEI, as consultants, is to provide the technical assistance the project proponents need in order to complete the PMZP. There are several components of the PMZP that are expected to be completed or mostly completed by the project proponents. For example, we understand that most of the interaction with the public and implementation of the outreach components of the Early Action Plan and the PMZP will be completed by the project proponents and not the consultants (LSCE and GEI). However, consultant assistance may be requested for these activities, if needed. The following scope and budget reflect this understanding.

TASK 1. PROJECT ADMIN/COORDINATION

This task includes communications and phone calls with KRCD to coordinate the technical work required to support the preparation of the PMZP for the Kings and Tulare Lake Subbasins as one Management Zone.

TASK 2. MANAGEMENT ZONE BOUNDARY DELINEATION

As noted above, the Kings River East GSA/AID area, a subarea of the Kings Subbasin, was previously identified as a pilot Management Zone for the CV-SALTS pilot study. This area will be included in the delineation of the new Management Zone that will encompass the Kings Subbasin and Tulare Lake Subbasin. For purposes of scoping this task, we have assumed that this approach of combining the two subbasins into one Management Zone will be proposed. The final delineation of the Management Zone will be based on input from KRCD, and the technical and regulatory justification for the proposed and final boundaries will be developed by LSCE. This task will include descriptions of the factors for consideration necessary to define a Management Zone area and how they apply to the Management Zone for the Kings and Tulare Lake Subbasins.

TASK 3. CHARACTERIZATION OF PROPOSED MANAGEMENT ZONE

The characterization of the Management Zone will include descriptions of the geography (surface waters, groundwater, hydrology, etc.), jurisdictional boundaries within the Management Zone (including



cities and counties), descriptions of the land use, identification of septic systems², and resource management agencies and designations (including Groundwater Sustainability Agencies [GSAs], water districts, coalitions, Disadvantaged Communities and Disadvantaged Unincorporated Communities).

TASK 4. INITIAL ASSESSMENT OF GROUNDWATER CONDITIONS

This task will include an assessment of groundwater conditions in the Kings and Tulare Lake Subbasins. It will include a summary of the hydrogeology of the subbasins, groundwater elevations and flow directions, and the delineation of the Upper Zone of the groundwater aquifer.

This task also involves acquiring new nitrate³ groundwater quality data in and around the entire Kings and Tulare Lake Subbasins to update the existing CV-SALTS database. New groundwater quality data will be acquired from publicly available sources. The publicly available sources include but are not limited to: the U.S. Geological Survey's National Water Information System, the California Department of Water Resources (DWR) Water Data Library, the State Water Board's GeoTracker Groundwater Ambient Monitoring and Assessment Program (GAMA), the California Water Board's Division of Drinking Water (DDW) Water Quality Program database, and the State Water Resources Control Board's GeoTracker (including the Irrigated Lands Regulatory Program [ILRP] Groundwater Quality Trend Monitoring and domestic well nitrate results). Other non-publicly available nitrate groundwater quality data within the Management Zone will be requested and compiled as available. This will include requesting and accessing county records for small and local water systems (from Madera, Fresno, Tulare, Kings, and Kern Counties), as well as other privately held well laboratory testing data for private wells, as available.

The newly updated nitrate groundwater quality data will be qualified and categorized into aquifer/depth zones, based on well depth and/or well type. Updated nitrate groundwater data for the Upper Zone of the groundwater system underlying the Kings and Tulare Lake Subbasins will be used for a geostatistical interpolation of the Upper Zone Ambient Nitrate. This interpolation will be used for identifying potentially impacted areas.

Once identified, these areas will be used in conjunction with Public Water Supply System (PWS) information (service area and well locations), including state small water systems and local small water systems in the Management Zone to identify PWS that are potentially impacted by elevated nitrate concentrations in groundwater. A summary of the delivered water treatment status for each PWS in the Management Zone will also be provided. The spatial interpolation of ambient nitrate in the Upper Zone will also be used to summarize potentially impacted domestic wells and estimated population in the Management Zone.

Other chemical constituents of concern or interest may be collected during this task (such as 1,2,3-TCP, Arsenic, Uranium, etc.). The **Task 3** scope and budget do not include any compilation or analysis of other



² While identification of septic systems is not required to be included in the PMZP, it is an important source of local non-point source nitrate in the subsurface. This brief mapping exercise will provide valuable information for nitrate management.

³ TDS data will also be downloaded but not analyzed at this time, for future use to KRCD.

chemicals beyond nitrate, but if KRCD desires additional interpretation, LSCE can accommodate that with *Optional Task 3*. The budget provided in **Table 1** for *Optional Task 3* represents the incremental cost for each additional chemical constituent of interest. There is a cost benefit in adding additional constituents besides nitrate, as the data can all be requested and downloaded at the same time for little additional cost. The work to categorize wells into depth zones will also be greatly reduced considering many of the wells with additional chemical constituents of concern will have nitrate data; therefore, these wells would already be categorized according to depth zone during **Task 3**, pending readily available well construction information. The assessment of potentially impacted PWS and domestic wells would also result in some cost savings for additional constituents since PWS well data and boundary information, as well as estimates of domestic well locations, will be completed in **Task 3**.

TASK 5. PUBLIC WATER SYSTEMS AND DOMESTIC WELL IDENTIFICATION AND EVALUATION

The spatial interpolation of Upper Zone Ambient Nitrate in the Kings and Tulare Lake Subbasin will be used in **Task 4** for identifying areas potentially impacted by elevated nitrate concentrations. Public water supply systems (PWS), including state small water systems and local small water systems (as received from Madera, Fresno, Tulare, Kings, and Kern Counties), will be identified in the Management Zone. These water supply systems and the associated wells will be assessed, based on location and available water quality data, to estimate which systems and/or wells are potentially impacted by elevated nitrate concentrations. An analysis of the delivered water treatment status will be performed for PWS in the Management Zone. In addition, the spatial interpolation of Upper Zone Ambient Nitrate will be used to identify and summarize potentially impacted domestic wells located throughout the Management Zone.

TASK 6. IDENTIFICATION OF AND COORDINATION WITH MANAGEMENT ZONE PARTICIPANTS

This task involves working closely with the Kings Subbasin and Tulare Lake Subbasin contacts (project proponents) and others as needed to identify candidate participants in the Management Zone, including potential dischargers and non-dischargers. This task includes identification of the following: (a) permitted dischargers within the boundaries of the Management Zone; (b) participants in the relevant GSAs; and (c) other relevant local, regional, state, and federal planning agencies and public/private organizations within the area. Once identified, KRCD staff/project proponents will contact each entity via an outreach effort to determine who will agree to participate in the Management Zone. Some budget has been included in this proposal for consultants to support this effort.

There are numerous individual waste discharge requirements (WDRs) in the Kings/Tulare Lake Subbasins that will receive a NTC. The consultant team understands that KRCD staff/project proponents in consultation with Central Valley Water Board staff will conduct the work necessary to create a complete list of permitted dischargers to be contacted within the planned Management Zone area, including both subbasins. For the Kings River East GSA/AID pilot study, the Central Valley Water Board identified 29 individual WDRs located within the study area that are all candidates for participation in the Management Zone. There are also a number of dischargers under General Orders, including dairies, poultry and confined bovine feeding operations that will also be identified under this task. For budgeting



outreach to dischargers under this task, it was assumed that given the large area of the combined Kings and Tulare Lake Subbasins, there will be up to 40 individual dischargers that will receive a NTC and that the level of outreach activity needed to coordinate with these dischargers will average four hours/discharger (note that the number of individual dischargers and the level of effort per discharger is only an estimate at this time). In addition, it was assumed that trade representatives will conduct their own outreach with affected dischargers, for example, dairies, poultry, confined bovine, and growers. For this proposal, the consultant team will coordinate with KRCD staff/project proponents to conduct outreach to permitted dischargers. We understand that a significant portion of the outreach to affected dischargers to inform them of the proposed Management Zone and seek their commitment to participate in the Management Zone will be conducted by KRCD staff/project proponents. However, the team has included some budget to support this effort. The consultant team will coordinate with KRCD staff/project proponents on how to best support them in their efforts to work with dischargers given the level of effort covered by the budget.

This task also addresses the need to identify and conduct outreach to non-dischargers within the proposed Management Zone area. Collaboration among Management Zone participants will be needed to identify key non-dischargers to include in outreach efforts. It is assumed that the KRCD staff/project proponents will lead outreach efforts to non-dischargers, but a small portion of Task 6 budget includes time for the consultant team to assist with this effort, e.g., to facilitate sharing information and help address questions as they arise.

TASK 7. NITRATE TREATMENT AND CONTROL PRACTICES

This task involves reviewing existing nitrate management programs that are currently being implemented within the Kings and Tulare Lake Subbasins. These management programs may be part of a General Order, WDR, Conditional Waiver, or other regulatorily required nitrate management program. Each existing program will be reviewed and summarized in coordination with the dischargers responsible for implementation of the nitrate management program to identify the specific nitrate-related treatment and control efforts or management practices.

As noted in Task 6, it is assumed that there will be up to 40 individual dischargers that receive a NTC. Assuming most, if not all, of these dischargers will participate in the Management Zone, each of their nitrate management practices will need to be described and summarized. For this proposal, the consultant team will coordinate with KRCD staff/project proponents to prepare the necessary summaries. We understand that most of these summaries will be prepared by KRCD staff/project proponents working collaboratively with the participating individual dischargers. The consultant team will coordinate with KRCD staff/project proponents on how to best support them in their efforts to work with these dischargers within the level of effort covered by the budget.

Practices implemented by permittees under General Orders can be summarized collectively for each Order. A draft of these practices has already been developed for growers and dairies and included in the pilot study PMZP. For this proposal, it is assumed that the KRCD staff/project proponents will lead preparation of the summary of practices being implemented under the General Orders for poultry and



confined bovine feeding operations. It is also assumed that KRCD staff/project proponents will review and revise the draft summaries previously prepared for growers and dairies to verify the information remains current. The consultant team will incorporate the resulting summaries of practices prepared for each General Order into the PMZP under Task 11.

TASK 8. EARLY ACTION PLAN

The Early Action Plan (EAP) is a key component of the PMZP. The development of the EAP includes the following requirements from the Basin Plan:

- A process to identify affected residents and the outreach utilized to ensure that impacted groundwater users are informed of and given the opportunity to participate in the development of proposed solutions;
- A process for coordinating with others that are not dischargers to address drinking water issues, which must include consideration of coordinating with affected communities, domestic well users and their representatives, the State Water Board's Division of Drinking Water, Local Planning Departments, Local County Health Officials, Sustainable Groundwater Management Agencies, and others as appropriate;
- 3. Specific actions and schedule to address the immediate drinking water needs of affected residents within the Management Zone that do not have interim replacement water; and
- 4. The funding mechanism to implement the EAP.

Development of the EAP involves collaboration with project proponents to develop and implement a process to identify and inform affected residents of the EAP and coordinate with other potentially interested parties within the proposed Management Zone. The goal of this effort is to ensure that the affected residents are given the opportunity to participate in the development of the EAP. Community outreach is assumed to be conducted by the Management Zone project proponents, including the potential need for a "Community Engagement Plan" for implementation during development of the EAP. Upon project proponent request, the consultants could be made available to assist with the planning of this outreach component. The Office of Public Participation of the State Water Board recently (April 27, 2020) provided a guidance document (Guidance for Engaging Communities During Development of Early Action Plans, Central Valley Nitrate Control Program) that will assist in the development of a formal or informal "Community Engagement Plan."

The Draft EAP prepared for the proposed Management Zone will have three draft versions produced in this task. The three drafts include: an Administrative Draft, Public Draft, and Revised Draft. The first draft (Administrative Draft) will be based on the existing EAP prepared for the Kings River East GSA/AID Management Zone pilot study. As part of the development of the Draft EAP, the consultant team will prepare a preliminary budget for EAP implementation based on assumptions agreed upon by project proponents (final budget will be prepared by the project proponents unless consultant support is authorized under Task 8b below). It is assumed that project proponents will lead public outreach efforts to fulfill the community engagement requirements for development of the EAP. The consultant team will coordinate with the Management Zone project proponents to incorporate the outcomes from these



outreach efforts into the EAP drafts, e.g., written descriptions of public outreach activities. The consultant team will also incorporate the outcomes from any other project proponent led efforts into the EAP drafts, e.g., the final EAP budget.

Each revised draft of the EAP will include a detailed response to comments to document the process that was followed to make decisions regarding the content of the EAP and demonstrate to the Central Valley Water Board that consistent with the Community Engagement Plan guidelines community input was considered during development of the EAP. The budget for this task is based on best available information. One of the key issues that impacts level of effort is the need to carefully respond to comments given the sensitivity of some stakeholders to EAP-related issues. For this proposal, we have assumed that the comment/response process can be managed within a reasonable level of effort. If the volume of comments greatly exceeds the comments received during the Pilot Management Zone work or if the nature of the comments is greatly different than previously experienced, additional budget may be required to document the EAP development process, or it may be necessary to request assistance from KRCD staff, e.g., to assist in the preparation of responses to comments. The EAP will be finalized as part of **Task 11** for incorporation into the Final PMZP document.

Task 8b in the budget (Table 1) includes consultant support if requested for the following EAP elements:

- 1. Support for the early identification of filling station locations if included in the EAP,
- 2. Developing the final EAP budget by obtaining cost estimates from vendors to firm up estimated costs in the preliminary budget, and
- 3. Development of alternatives for funding for the EAP.

These three parts of the EAP are considered to be *optional* for the LSCE and GEI consultants for budgeting purposes, but these elements can be supported if requested.

TASK 9. GOVERNANCE DEVELOPMENT SUPPORT (OPTIONAL)

This task is optional and can be completed at the request of the Management Zone project proponents. This task involves preparing support materials for the Management Zone Management Committees, for example the Finance and Governance Committees. This optional task also includes consultant participation in up to six (6) teleconference meetings.

TASK 10. STAKEHOLDER MEETINGS

This task includes participation in two in-person meetings and up to four (4) teleconference meetings with stakeholders. Additional consultant team support can be added as needed on a time and materials basis. The purpose of stakeholder meetings will be to: (a) increase interest in being included in the PMZP as a declared participant in the Management Zone, (b) share information being developed to support the PMZP, and (c) provide a forum for exchange of information.

Budget includes expenses for Vicki Kretsinger Grabert (LSCE) and Richard Meyerhoff (GEI) to attend up to two in-person meetings, as directed by the project proponents. Additional participation from LSCE



and/or GEI in meetings (in-person or teleconference) may be added on a time and materials basis at the request of the project proponents.

TASK 11. PRELIMINARY MANAGEMENT ZONE PROPOSAL

This task involves preparing the following PMZP draft documents:

- 1. Administrative Draft,
- 2. Public Draft,
- 3. Revised Draft

The Administrative Draft PMZP will be provided only to the immediate Management Zone participants. The Public Draft PMZP is to provide the stakeholders and public the opportunity to provide comments prior to the PMZP being submitted to the Regional Board. This will be the public's first opportunity to provide meaningful comments on both the final EAP and the PMZP draft document. The EAP prepared as part of **Task 8** will be incorporated into the PMZP and will ultimately be included as part of the final PMZP submitted to the Central Valley Water Board. The budget for this task is based on best available information and we have assumed that the comment/response process can be managed within a reasonable level of effort. If the volume and/or nature of comments greatly exceeds the level of effort to respond to comments received during the Pilot Management Zone work, additional budget may be required. The Final PMZP is the regulatory document submitted to the Central Valley Water Board. Responses to Central Valley Water Board comments on the PMZP and preparation of a Final Management Zone Proposal are not included in this scope and budget. The PMZP document will follow the template guidelines developed for CV-SALTS by LSCE and GEI and will encourage input (comments) from the Management Zone participants prior to submitting the Final PMZP document.

Sincerely,

LUHDORFF & SCALMANINI CONSULTING ENGINEERS

Sicki Kretsinger Grabert

Vicki Kretsinger Grabert

President

Attachments:

Schedule of Fees for LSCE Schedule of Fees for GEI



Table 1: Proposed budget for Technical Assistance for the Kings and Tulare Lake Subbasins Management Zone Preliminary Management Zone Proposal.

Tasks	Lead	Labor	Expenses	Total Cost
Task 1 – Project Management/Coordination	LSCE/GEI	\$8,000	\$0	\$8,000
Coordination Calls	LSCL/GLI	\$8,000	Ş0	78,000
Task 2 – Management Zone Boundary Delineation				
Proposed & Final Boundary	LSCE	\$10,864	\$0	\$10,864
 Technical/Regulatory Justification 				
Task 3 – Characterization of Management Zone				
 Geography (SW/GW, hydrology, etc.) 				
 Jurisdiction (cities, counties) 				
• Land Use				
Septic Use	LSCE	\$19,076	\$0	\$19,076
• GSAs				
Water Districts				
• Coalitions				
DACs/DUCs				
Task 4 – Initial Assessment of Groundwater Conditions				
Data Sources and Acquisition				
Data Analysis (hydrogeology; GW elevations and flow; Upper	LSCE	\$40,760	\$0	\$40,760
Zone delineation; Nitrate water quality; nitrate geostatistical	LOCE	340,700	70	Ş40,700
interpolation				
Initial Assessment				
OPTIONAL Task 4 – Additional Chemical Constituent GWQ				
Analysis				
Compilation of one chemical constituent groundwater				
quality data from publicly and privately available databases	LSCE	\$33,944	\$0	\$33,944
Assessment of one chemical constituent of groundwater	2002	φοσ,σ · ·	, , , , , , , , , , , , , , , , , , ,	φοσ,σ
quality data (statistical analysis, identification of potentially				
impacted areas)				
PWS and Domestic Well Identification & Evaluation				
Task 5 – PWS and Domestic Well Identification & Evaluation				
Nitrate-Impacted Areas				
Public Water Supply Systems (PWS, State Smalls, Local				
Smalls)	LSCE	\$18,152	\$0	\$18,152
Potentially-Impacted Public Supply Wells and Systems				
Public Water System Delivered Water Treatment Status				
Potentially-Impacted Domestic Wells				
Task 6 - Identification of and Coordination with Management				
Zone Participants				
Coordinate with KRCD staff/project proponents regarding	GEI	\$19,620	\$0	\$19,620
participation of Dischargers and Non-Dischargers (assumed up				
to 40 individual dischargers)				
Task 7 – Nitrate Treatment & Control Practices				
Coordinate with KRCD staff/project proponents on the				
preparation of Draft/Review Summaries pertaining to				
Individual Dischargers (assumed up to 40 participating	GEI	\$21,050	\$0	\$21,050
individual dischargers and that KRCD staff/project proponents		,,,,,,,,,, -	, ,	+,000
would address permittees under General Orders)				
Coordinate with project proponents to prepare Final				
Summaries]	



Ms. GALLOCK & Ms. DUNN JUNE 11, 2020 PAGE 10

Tasks	Lead	Labor	Expenses	Total Cost
Task 8 – Early Action Plan • Prepare EAP Drafts (3) with Comment/ Response Table	GEI	\$23,846	\$0	\$23,846
OPTIONAL: Task 8b – Support for Additional Early Action Plan Components Support Early Identification of Filling Station Locations (if included in the EAP) for the remainder of the MZ (outside of the Kings River East/AID area) Develop Final Budget through Coordination with Vendors Support Development of Funding Mechanism	GEI	\$61,276	\$0	\$61,276
 OPTIONAL: Task 9 – Governance Development Support Prepare Materials for MZ Management Committees (e.g., Finance, Governance) Attend up to 6 Meetings 	LSCE/GEI	\$35,050	\$600	\$35,650
Task 10 – Stakeholder Meetings Two in-person meetings Teleconferences (4 total)/Email More participation as needed on a time and materials basis	LSCE/GEI	\$21,364	\$1,350	\$29,522
Task 11 – Preliminary Management Zone Proposal (including EAP) Administrative Draft PMZP Public Draft PMZP Revised Draft PMZP Proposal Final PMZP	LSCE/GEI	\$58,181	\$0	\$58,181
Estimated Cost to Develop Preliminary Management Zor	ne Proposal	\$247,721	\$1,350	\$249,071
Estimated Cost to Develop Preliminary Management Zor with One (1) Additional Chemical Constituent Analysis ar EAP Components and Governan	\$377,991	\$1,950	\$379,941	





SCHEDULE OF FEES - ENGINEERING AND FIELD SERVICES 2020

Professional				
Senior Principal	\$225/hr			
Principal Professional	\$220/hr			
Supervising Professional	\$210/hr			
Senior Professional	\$192/hr			
Project Professional	\$150 to 170/hr			
Staff Professional	\$135 to 145/hr			
Technical				
Engineering Inspector	\$140/hr			
ACAD Drafting/GIS	\$135/hr			
Engineering Assistant	\$105 to 125/hr			
Scientist	\$105 to 125/hr			
Technician	\$105 to 125/hr			
Clerical Suppo	rt			
Word Processing, Clerical	\$80/hr			
Digital Communications Specialist	\$90/hr			
Project Admin/Accounting Assistant	\$100/hr			
Other Sevices	s			
Vehicle Use	\$0.58/mi			
Subsistence	Cost Plus 15%			
Groundwater Sampling Equipment (Includes Operator)	\$170.00/hr			
Copies	0.20 ea			
Professional or Technical Testimony	200% of Regular Rates			
Technical Overtime (if required)	150% of Regular Rates			
Outside Services/Rentals	Cost Plus 15%			
Services by Associate Firms	Cost Plus 15%			



FEE SCHEDULE

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Personnel Category	\$ per hour
Staff Professional – Grade 1	\$ 123
Staff Professional – Grade 2	\$ 135
Project Professional – Grade 3	\$ 148
Project Professional – Grade 4	\$ 166
Senior Professional – Grade 5	\$ 196
Senior Professional – Grade 6	\$ 223
Senior Professional – Grade 7	\$ 255
Senior Consultant – Grade 8	\$ 275
Senior Consultant – Grade 9	\$ 320
Senior Principal – Grade 10	\$ 360
Senior Drafter and Designer	\$ 148
Drafter / Designer and Senior Technician	\$ 135
Field Professional	\$ 111
Technician, Word Processor, Administrative Staff	\$ 110
Office Aide	\$ 8 <u>6</u>

These rates are billed for both regular and overtime hours in all categories.

Rates will increase up to 5% annually, at GEI's option, for all contracts that extend beyond twelve (12) months after the date of the contract. Rates for Deposition and Testimony are increased 1.5 times.

OTHER PROJECT COSTS

Subconsultants, Subcontractors and Other Project Expenses - All costs for subconsultants, subcontractors and other project expenses will be billed at cost plus a 10% service charge. Examples of such expenses ordinarily charged to projects are subcontractors; subconsultants: chemical laboratory charges; rented or leased field and laboratory equipment; outside printing and reproduction; communications and mailing charges; reproduction expenses; shipping costs for samples and equipment; disposal of samples; rental vehicles; fares for travel on public carriers; special fees for insurance certificates, permits, licenses, etc.; fees for restoration of paving or land due to field exploration, etc.; state and local sales and use taxes and state taxes on GEI fees. The 10% service charge will not apply to GEI-owned equipment and vehicles or in-house reproduction expenses.

Field and Laboratory Equipment Billing Rates – GEI-owned field and laboratory equipment such as pumps, sampling equipment, monitoring instrumentation, field density equipment, portable gas chromatographs, etc. will be billed at a daily, weekly, or monthly rate, as needed for the project. Expendable supplies are billed at a unit rate.

Transportation and Subsistence - Automobile expenses for GEI or employee owned cars will be charged at the rate per mile set by the Internal Revenue Service for tax purposes plus tolls and parking charges or at a day rate negotiated for each project. When required for a project, four-wheel drive vehicles owned by GEI or the employees will be billed at a daily rate appropriate for those vehicles. Per diem living costs for personnel on assignment away from their home office will be negotiated for each project.

PAYMENT TERMS

Invoices will be submitted monthly or upon completion of a specified scope of service, as described in the accompanying contract (proposal, project, or agreement document that is signed and dated by GEI and CLIENT).

Payment is due upon receipt of the invoice. Interest will accrue at the rate of 1% of the invoice amount per month, for amounts that remain unpaid more than 30 days after the invoice date. All payments will be made by either check or electronic transfer to the address specified by GEI and will include reference to GEI's invoice number.

Scope of Work - Member Portal for the Kings River Water Quality Coalition

JUNE 10, 2020

Project Background and Description

The Kings River Water Quality Coalition has an existing database that serve the purpose of tracking enrolled parcels and associated member information including parcel, crops and acreage. Members are required to fill out Farm Evaluation Plans every 5 years and an Irrigation Nitrogen Management Plan Summary Report (starting with the 2020 Crop Year). Before the 2020 Crop Year, members in high vulnerability areas were required to complete a Nitrogen Management Plan Summary Report and these data will also need to be stored and managed moving forward. This Scope of Work outlines work to be performed by MLJ Environmental to implement a Member Portal and associated modules that can be accessed online by members of the Kings River Water Quality Coalition. Included with this SOW are the software costs, implementation costs, and series of tasks to migrate the existing data (membership, Farm Evaluation, and Nitrogen Management Plan) to an Amazon Web Services platform, map the databases to an online portal, and launch a live Member Portal with secure log-in features.

The Member Portal will be built using an existing platform developed by MLJ Environmental. The Portal will allow members to log in through a secure page and view their invoice. Members will be able to view and edit their member information including the ability to submit a request to add or remove parcels from their membership. Other modules within the Member Portal include a GIS Applet where a member can search and find their correct Assessor Parcel Number, a Member-Specific Checklist that provides the member's annual requirements and associated due dates, a Calendar of upcoming events, and data entry modules for completing Farm Evaluation Plans, Nitrogen Management Plan Summary Reports (for members who did not complete previously required surveys) and Irrigation and Nitrogen Management Plan Summary Reports. Although not scoped at this time, MLJ Environmental can also developed a Management Practice Implementation Report (MPIR) data entry portal; these surveys are not required until 2021.

The Member Portal will be linked to the member, farm evaluation and nitrogen management plan databases allowing a review of the data by Coalition staff. The data entry modules have pop-up messages and restrictions as well as navigational tutorials which help ensure that the member is entering their information correctly.

Project Scope

The Member Portal will be built using an existing platform containing multiple modules. This allows the Coalition to choose which module they would like to purchase and customize for

Cost Proposal and Scope of Work for Kings River Water Quality Coalition Member Portal MLJ Environmental | June 10, 2020

their purposes. Below are references to the back-end Database Administrator (DBA) and the Data Manager. The back-end DBA will be MLJ Environmental who will ensure that the database and its structure are functional and always available online. The Data Manager manages the data (e.g., add/edit membership information) in the existing databases. The Data Manager may not be the same for all databases. For example, KRWQC may have a specific Membership Data Manager versus Irrigation and Nitrogen Management Plan Summary Report Data Manager.

Portal features included (red text indicates minimum portal features):

- 1. **Login Screen:** The Login Screen is where the end-user (e.g., member) signs in using the credentials given to them by the Data Manager. The user has the ability to change the password directly through the portal.
 - a. Member Sign Up: MLJ Environmental will create a "Member Sign Up" screen prior to launching the portal. The Coalition will be able to mail their members a letter letting them know how to sign up using appropriate verification codes, member ID, and a valid email address. Notification will be done prior to launching the portal. Once the portal is live, the Sign-Up page will be reduced to a button beneath the login screen. This process will assist the Coalition with obtaining valid email addresses prior to launching the portal and serve as advertisement for the portal launch. Members will have the ability to change their passwords as needed.
 - b. **Delegate Dashboard:** MLJ Environmental will create a Delegate Dashboard which allows a farm operator to access multiple memberships at one time, regardless of Coalition in which the memberships reside.
- 2. Administrative Page: A web page designed particularly for the Data Manager. The page provides the Data Manager with the option to approve or decline the addition (or deletion) of parcels requested by the member through the online portal. The Administrative Page can have additional features added to it to allow the Data Manager easier viewing/access to the data.
- 3. **Dashboard:** Once the member is logged into the Member Portal, they will see the Member Dashboard. This dashboard is the main landing page and will redirect the user to the various modules of the online portal including Member Information, Calendar, Checklist, GIS, NMP Summary Report, and Farm Evaluation Survey. From this screen, the user has the capability of changing their password and access to a troubleshooting document that walks the user through the various elements of the website. The dashboard also displays information about the completeness of both the NMP and FE Reports.
- 4. **Member Module:** A personalized member page with parcel-specific information including APN, county, and irrigated acreage. Members can view and print their most recent invoice including up-to-date outstanding credits/balances or late fees. An individual member has the ability to add (or remove) parcels to their membership

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directly from this page, which are then approved by the Data Manager. The addition of a parcel triggers data quality assurance techniques such as data logic warnings and input masks (e.g. date formats) to ensure the end-user submits a valid entry to the database. Email functionality will also be implemented into the design to immediately notify the Data Manager by email regarding the addition of the parcel. The email will contain the parcel information and the Data Manager can then decide to approve or not approve the additional parcel. With the addition, a new invoice can be generated but only AFTER it has been approved by the Data Manager. The end-user will see "pending" next to any parcel added that has not yet been approved by the Data Manager. Invoices can be printed from the portal page at any time. If preferred, this functionality can be omitted or restricted.

- 5. **E-Calendar Module:** An interactive calendar that displays current and future events with information regarding their subject, Coalition, location and time. Events can be color coded to indicate the type of event. The calendar is updated by the Data Manager on a regular basis. MLJ Environmental can work with the third-party vendor of the Coalitions' choice to create mass mailings alerting members of upcoming events. At this time, a third-party vendor has not been identified and third-party vendor's costs are not included in this SOW.
- 6. Compliance Checklist Module: This module includes the member-specific Compliance Checklist that can be printed and reviewed for compliance requirements. This is the same checklist that is mailed to the member with their survey packet; however, this checklist is automatically updated when surveys are returned to indicate that the member is in compliance (green text). If something has not been completed, the text is red. The Compliance Checklist includes a member-specific summary of their parcels, an indication of which reports are due for which parcel (e.g. Sediment Erosion Control Plan), the dates by which reports must be completed, and whether the report stays on farm or needs to be returned to the Coalition.
- 7. GIS Map Module: The module allows members to access a map and search for cities, addresses or parcel numbers. The map zooms into the area of interest and the member can view where their parcels lie in relation to the Coalition boundary and groundwater high vulnerability. Additional GIS layers can be added to the module such as a Sediment Erosion Control Plan layer which identifies which areas require an SECP or a Groundwater High Vulnerability layer.
- 8. INMP Summary Report Data Entry Module: This module has been designed as an electronic version of the INMP Summary Report survey. It allows the user to edit, delete or add any parcels to their INMP Summary Report. Further, the module automatically assigns the parcels to a management unit based on the Specific Crop and Management Unit Description to easily auto-compile a pre-filled INMP Summary Report for the member. For example, the acreage per parcel in a management unit is summed in the INMP Summary Report for the member. The page also contains a walkthrough on how

- to complete the survey along with quality checks and text pop-ups to ensure that the grower enters their information into the system correctly.
- 9. Farm Evaluation Plan Data Entry Module: This module has been designed as an electronic version of the Farm Evaluation Plan survey with five different parts including an index page with a list of user parcels, and Part A, Part B, Part C, and Part D of the Farm Evaluation Survey. To improve the accuracy and check the validity of responses, various data quality assurance techniques are implemented including alerts for missing data. An auto-fill feature will also be provided for growers with previous submissions to speed up the form completion process. Before finalizing a form, the member will be able to view and print their submitted data. This module will be updated to include the most recent version of the Farm Evaluation revisions.
- 10. Document Repository Module: The document repository module stores a list of documents that the grower may need to print (e.g. completed Farm Evaluation Plans from 2014 and 2015). A grower can view and print the available documents directly from the repository which can be accessed from a cell phone or computer with internet access. Available documents include NMP Reports, Farm Evaluation Surveys from the current and previous years, previous invoices and any other documents that the Coalition may want to make available to the growers such as Nitrogen Evaluation Packets.
- 11. **Admin Module:** This module will be implemented for the Data Manager managing membership data to be able to administer delegate permissions and approve the addition of parcels.

Task 1 – Database Migration

SUBTASK 1.1 – DATABASE MIGRATION

MU Environmental will migrate membership information, NMP Summary Report data and Farm Evaluation data into existing database structures housed on an Amazon Web Services (AWS) SQL Server. This process involves developing table designs and associating data fields from the existing database to those utilized by the portal. The process also involves proper validation of the data to ensure data quality; examples of data validation include verifying that a date field only includes dates.

This task includes time to meet with KRWQC to ensure that the new membership database design meets existing processes for managing membership information and invoicing member fees.

SUBTASK 1.2 - TESTING FRONT-END ACCESS FORMS

MLJ Environmental will develop an Access front end that can be used by the Data Manager to run reports, query data, and export information as needed (e.g. for the Participant List). MLJ Environmental will work with KRWQC to determine which Access forms will be needed for their

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current membership update processes. The Access forms will be mapped to the SQL database on AWS and the DBA will test the Access forms that are used by the Data Manager to enter information into the Database.

Task 2 – Connection to Portal and Modules

Once the data have been migrated to the databases stored on AWS, the modules will need to be mapped to the databases, updated to reflect any additional coding and/or fields, and ensure appropriate display of data and features. The budget reflects the time needed to update each module.

SUBTASK 2.1 – MEMBER SIGN UP PAGE

SUBTASK 2.2 – MEMBER MODULE (WITH DELEGATE LOG IN FEATURES)

SUBTASK 2.3 – E-CALENDAR MODULE

SUBTASK 2.4 – COMPLIANCE CHECKLIST MODULE

SUBTASK 2.5 – GIS MAP MODULE

SUBTASK 2.6 – INMP SUMMARY REPORT DATA ENTRY MODULE

SUBTASK 2.7 – FARM EVALUATION PLAN DATA ENTRY MODULE

SUBTASK 2.8 – DOCUMENT REPOSITORY MODULE

SUBTASK 2.9 - ADMIN MODULE

Task 3 - Testing Front-End Portal

Final phase testing will occur with all the modules prior to making the member portal live. Testing occurs with a test database and a test login which allows the Data Manager to continue to add/edit data in the master membership database. Once the portal has been tested, the master membership database will replace the test database.

Task 4 - Publishing & Deployment

The website will be along with the registration of a domain name for the website to be used by the end-user. This task also includes getting a security (https) certificate which encrypts the information between the website and the server to avoid compromising any data.

Task 5 – Program Management

MLJ Environmental will work with KRWQC to ensure that the final product meets their needs and is delivered on schedule. During the customization of the modules and implementation of the

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final design, the Coalition will be sent links through which they can access the portal to provide feedback and comments.

MLJ Environmental plans to meet with KRWQC staff at 5 check-in points during the implementation of this project; meetings are estimated to be between 1.5 and 2 hours.

MLJ Environmental has included time for two portal training sessions, 4 hours each. It is anticipated that the first training will focus on the new membership database, Access forms and tools and a walk through of the Admin Module. The second training will focus on the other modules, the INMP database and the Farm Evaluation database. To accompany these trainings, MLJ will develop database documentation and a user guide.

Budget

The Member Portal and associated modules are based on software developed by MLJ Environmental. The base member portal plus the optional modules have a flat fee associated with them. The tasks described above to migrate data, test and customize the modules are completed on a time and materials basis. Below is a cost estimate for the purchase of the software for the member portal and associated modules, plus the cost per task to have the Member Portal functional and ready to use by KRWQC members. The cost for purchasing the software has been spread out over 3 years. The cost for the AWS server fees for the first year has been decreased to 6 months (September through February) for the 2020 Fiscal Year (March 2020 – February 2021).

Table 1. Cost Estimate for the Member Portal.

Task	Subtask	Hours	2020	2021	2023
Task 1 - Database Migration	1.1 - Database Migration	204	\$28,140.00		
	1.2 - Testing Front-End Access Forms	40	\$5,640.00		
Task 2 - Connection to Portal and Modules	2.1 - Member Sign Up Page	22	\$2,970.00		
	2.2 - Member Module	112	\$15,480.00		
	2.3 - Calendar Module	24	\$3,240.00		
	2.4 - Checklist Module	10	\$1,350.00		
	2.5 - GIS Map Module	16	\$2,400.00		
	2.6 - NMP Summary Report Module	28	\$3,780.00		
	2.7 - Farm Evaluation Plan Module	36	\$4,860.00		
	2.8 - Document Repository Module	18	\$2,430.00		
	2.9 - Admin Module	18	\$2,430.00		
Task 3 - Testing Front-End Portal		48	\$6,480.00		
Task 4 - Publishing & Deployment		16	\$2,400.00		
Task 5 - Program Management	5.1 - Program Management	58	\$8,970.00		
	5.2 - Meetings	40	\$5,850.00		
	5.3 - Portal Training	20	\$2,850.00		
Task 4 - Publishing & Deployment 5. 5. 5. 7. 7. 7. 8. 9. 9. 9. 9. 9. 9. 9. 9. 9	5.4 - Documentation	48	\$6,480.00		
	Portal Implementation	758	\$105,750.00	\$0.00	\$0.00
Membership Portal Software Purchase			\$24,000.00		
Delegate Module				\$8,000.00	
Admin Module				\$2,000.00	
Farm Evaluation Plan Data Entry Module					\$15,000.00
INMP Summary Report Data Entry Module				\$15,000.00	
GIS Map Module					\$5,000.00
Document Repository					\$3,000.00
	Portal Software		\$24,000.00	\$25,000.00	\$23,000.00
Monthly Server Fee (\$550 per month) ¹			\$3,300.00	\$0.00 \$8,000.00 \$2,000.00 \$15,000.00	\$6,600.00
	Total		\$133,050.00	\$31,600.00	\$29,600.00

¹AWS server fees calculated for 6 months in 2020 FY (September – February).

Timeline / Schedule

MLJ Environmental will begin working on the Member Portal on June 16, 2020 with an expected launch date of October 5, 2020. Figure 1 illustrates an implementation schedule for database migration, testing and module implementation.

Figure 1. KRWQC Portal Implementation Timeline.

