

Rubidoux Community Services District

Board of Directors

Bernard Murphy, President
John Skerbelis, Vice-President
Armando Muniz
F. Forest Trowbridge
Hank Trueba Jr.

General Manager

Brian R. Laddusaw



Water Resource Management Refuse Collection Street Lights Fire / Emergency Services Weed Abatement

NOTICE AND AGENDA FOR THE RUBIDOUX COMMUNITY SERVICES DISTRICT BOARD MEETING

Thursday, November 2, 2023, at 4:00 PM

During this regular meeting of the Rubidoux Community Services District Board of Directors, members of the public will have the choice to attend and address the Board in person or attend and address the Board via Zoom.

Members of the public wanting to attend and/or address the Board virtually may do so by using the Zoom App or website for free at: <https://zoom.us/>

- Meeting ID is **994 957 9980**
- Passcode is: rcsd
- Call into the meeting number 1-669-444-9171

Only one person at a time may speak by telephone or Zoom and only after being recognized by the President of the Board.

Closed Session: At any time during the regular session, the Board may adjourn to a closed executive session to consider matter of litigation, personnel, negotiations, or to deliberate on decisions as allowed and pursuant with the open meetings laws. Discussion of litigation is within the Attorney/Client privilege and may be held in closed session.

Authority: Government code 11126-(a) (d) (q).

ADDITIONS TO THE AGENDA

In accordance with Section 54954.2 of the Government Code (Brown Act), additions to the agenda require a two-thirds vote of the entire Board, or, if fewer than two-thirds of the members are present, a unanimous vote of those members present, making findings that there is a need to take immediate action and that the need for action came to the attention of the District subsequent to the posting of the agenda.

1. **CALL TO ORDER** – Bernard Murphy, President
2. **PLEDGE OF ALLEGIANCE** – General Manager
3. **ROLL CALL** – General Manager
4. **PUBLIC COMMENTS**

Members of the public are encouraged to address the Board of Directors. Anyone who wishes to speak on an item not on the published agenda must submit a comment request card to the General Manager or designee. Each speaker should begin by identifying themselves for the record and is allowed up to five minutes.

No one may give their time to a speaker during the public comment period of the meeting. It is requested that all present refrain from any action that might disrupt the orderly course of the meeting. Coarse, crude, profane, or vulgar language, or unsolicited comments from the audience, which disrupts or disturbs the Board meeting, may result in exclusion from the meeting.

The Ralph M. Brown Act, Government Code 54950, et. seq. prohibits members of the Board of Directors from taking formal action or discuss items not on the published agenda. As a result, immediate response to public comment may be limited.

5. **CONSENT CALENDAR**

Consent Calendar items are expected to be routine and non-controversial and are to be acted upon by the Board by one motion, without discussion. If any Board member, staff member, or interested person requests that an item be removed from the Consent Calendar for further discussion, it will be moved to the first item on the Action Agenda.

- A. Approval of Minutes for October 19, 2023, Regular Meeting
- B. Consideration to Approve November 3, 2023, Salaries, Expenses and Transfers
- C. **DM 2023-98:** Receive and File Statement of Cash Asset Schedule Report Ending September 2023

6. **CORRESPONDENCE AND RELATED INFORMATION**

7. **REPORTS**

- A. Operations Report (Second Meeting Each Month)
- B. Emergency and Incident Report (Second Meeting Each Month)

- C. General Manager and Staff Reports / Updates
- D. Committee Reports

8. ACTION / DISCUSSION ITEMS

- A. **DM 2023-97:** Consider Award of Professional Services Contract for the Design of District Well 25, a Raw Water Pipeline from Well 25 to the Leland Thompson Plant and Upgrades to the Water Treatment Facilities at the Leland Thompson Plant
- B. **DM 2023-99:** Distribution for Review and Discussion – Rubidoux Community Services District Draft Financial Statements for Fiscal Year Ending June 30, 2023
- C. **CLOSED SESSION:** Pursuant to California Government Code Section 54956.9: Status Update on PFAS Contamination Litigation Case, Rubidoux CSD v. 3M, DuPont, and Others
- D. **CLOSED SESSION:** Pursuant to California Government Code Section 54957(b)(1): Evaluation of District General Manager

9. DIRECTORS COMMENTS AND REQUESTS

10. NEXT MEETING

Thursday, November 16, 2023, at 4:00 p.m.

11. ADJOURNMENT

Any person with a disability who requires a modification or accommodation in order to participate in this meeting, or any person with limited English proficiency (LEP) who requires language assistance to communicate with the Rubidoux Community Services District Board of Directors during the meeting, should contact the Rubidoux Community Services District Administrative Department, at (951) 684-7580 or admin@rcsd.org, no fewer than two (2) business days prior to this meeting to enable the Rubidoux Community Services District to make reasonable arrangements to assure accessibility or language assistance for this meeting.

DECLARATION OF POSTING

I, Brian Laddusaw, General Manager and Board Secretary to the Rubidoux Community Services District, certify that a copy of this has been posted in the District's main office, 3590

Rubidoux Blvd., Jurupa Valley, and on its website no less than seventy-two (72) hours before the start of the meeting.



Brian Laddusaw
General Manager-Secretary

4. **PUBLIC COMMENTS**

5. **CONSENT CALENDAR**

A. Approval of Minutes for October 19, 2023, Regular Meeting

MINUTES OF REGULAR MEETING
October 19, 2023
RUBIDOUX COMMUNITY SERVICES DISTRICT

DIRECTORS PRESENT: Armando Muniz
Bernard Murphy
John Skerbelis
F. Forest Trowbridge
Hank Trueba, Jr.

DIRECTORS ABSENT:

STAFF PRESENT: Brian Laddusaw, General Manager
Kirk Hamblin, Director of Finance and Administration
Ted Beckwith, Director of Engineering
Martha Perez, Customer Service/Accounts Payable Manager
Miguel Valdez, Director of Operations
Melissa Trujillo, HR Generalist/Safety and Facilities Coordinator

ITEM 1. Call to order: the meeting of the Board of Directors of the Rubidoux Community Services District by President Murphy, at 4:00 P.M., Thursday, October 19, 2023, by teleconferencing at District Office, 3590 Rubidoux Boulevard, Jurupa Valley, California.

ITEM 2. PLEDGE OF ALLEGIANCE – General Manager

ITEM 3. ROLL CALL – General Manager

ITEM 4. PUBLIC COMMENTS

No members of the public were present to provide public comment.

ITEM 5. CONSENT CALENDAR

A. Approval of Minutes for October 5, 2023, Regular Meeting

B. Consideration to Approve October 20, 2023, Salaries, Expenses and Transfers

Director Skerbelis moved, and Director Trowbridge seconded to approve the Consent Calendar as presented.

Roll call:

Ayes – 5 (Muniz, Murphy, Skerbelis, Trowbridge, Trueba)

Noes – 0

Abstain – 0

Absent – 0

The motion was carried unanimously.

ITEM 6. CORRESPONDENCE AND RELATED INFORMATION

There was no correspondence and related information presented by staff.

ITEM 7. REPORT

A. Operations Report (Second Meeting Each Month)

Miguel Valdez reported on the water/wastewater report for the month of September, production was an average of just under 4.42 mgd per day and an average of 1.73 mg/day was the wastewater flow to Riverside. Well No. 1 produced 18% of the water, Well No. 2 produced 0%, Well No. 4 produced 5% and Well No. 6 produced 8%, Well No. 8 produced 37% and Well No. 18 produced 32% of the water.

B. Emergency and Incident Report (Second Meeting Each Month)

Deferred to the November 2, 2023, meeting.

C. General Manager and Staff Report/Updates

Tomorrow there is a Community Leader's Water Briefing being sponsored by State Senator Richard Roth and Assemblymember Sabrina Cervantes. It will be at the Skyview Events Center at 11:00-1:00. The Veteran's Day Parade is November 11, 2023, here in Rubidoux for the second year in a row.

D. Committee Reports

There were no meetings to report on.

ITEM 8. ACTION/DISCUSSION ITEMS

A. DM 2023-96: Consider Award of Professional Services Contract for Preparation of the Rubidoux Community Services District ("District") Local Hazard Mitigation Plan ("LHMP").

BACKGROUND

The Board of Directors ("Board") adopted Resolution No. 2015-823 on September 17, 2015 to annex itself to the Riverside County ("County") Local Hazard Mitigation Plan. In 2020 the District applied for a grant for Federal Emergency Management Agency ("FEMA") monies through the Governor's California Office of Emergency Services ("CalOES") to perform structural upgrades to the District's reservoirs which have been identified as having safety and structural deficiencies in condition assessments provided to the District in early 2020. The District was subsequently denied grant funds for the much-needed rehabilitation of its reservoirs because it did not have a LHMP of its own but instead relied on the County's LHMP which is not specific enough to the District's needs.

In early 2023, the District applied for another grant through FEMA administered by CalOES for funding to prepare its own LHMP. In August 2023 the District was informed that it was successful in this grant application and was awarded a grant to prepare its own LHMP. This

grant is a 90/10 cost match grant meaning the grant pays 90% of the project costs and the District will pay for 10% of the project costs. The total estimated cost for grant determination is \$17,764,50. Additionally, the FEMA grant will pay up to \$8,645 in District administrative costs.

On September 21, 2023, the Board of Directors adopted Resolution No. 2023-909 under DM 2023-88 authorizing the General Manager to execute all required grant documents on behalf of the District regarding CalOES and FEMA.

Preparing a LHMP is a robust project involving identifying specific hazards of risk the District faces, drawing up a plan with input from staff and the public through public outreach, submitting the plan to FEMA through CalOES, public education of the plan, holding a public hearing to adopt the plan by a Resolution of the Board of Directors and finally project close-out with FEMA/CalOES. This whole process will take several months to more than a year.

District staff solicited proposals from qualified firms to prepare the LHMP from four firms. The proposal amounts are presented in the following table:

Consultant	Amount
Webb Associates	\$101,790
Micheal Baker Associates	\$97,150
Sturdivan Emergency Management	\$78,900
Emergency Planning Consultants	\$52,500

After diligent consideration staff has determined that Emergency Planning Consultants (“EPC”) should be accepted by the District to prepare the LHMP. Not only has EPC prepared the best cost proposal, but EPC also specializes in preparation of LHMP’s and has a broad list of current and previous clients, most notably, Jurupa Community Services District, Cucamonga Valley Water District, and the City of Fontana.

The District’s FY 2023-2024 Budget has funds in the amount of \$178,000 for the LHMP preparation at line item 43 in the Water Fund Budget and has received a grant to pay for 90% of the cost of the LHMP preparation. No budget amendment is necessary.

Director Muniz moved, and Director Trueba seconded to approve the following:

1. Authorize the General Manager or his designated representative to sign a Professionals Services Contract and Task Order with Emergency Planning Consultants in the amount of \$52,500 to prepare the LHMP.

Roll call:

Ayes – 5 (Muniz, Murphy, Skerbelis, Trowbridge, Trueba)

Noes – 0

Abstain – 0

Absent – 0

The motion was carried unanimously.

ITEM 9. DIRECTOR’S COMMENTS AND REQUESTS

Director Murphy brought to the table that today is California Earthquake Preparedness Day. Earthquakes are inevitable in Southern California and when they do happen his expectation is that staff will show up to work to fix things.

ITEM 10. NEXT MEETING – Thursday, November 2, 2023, at 4:00 p.m.

ITEM 11. ADJOURNMENT – President Murphy adjourned the meeting at 4:16 p.m.

5. CONSENT CALENDAR (continued)

B. Consideration to Approve November 3, 2023, Salaries, Expenses and Transfers

RUBIDOUX COMMUNITY SERVICES DISTRICT
 NOVEMBER 2, 2023 (BOARD MEETING)
FUND TRANSFER AUTHORIZATION

NET PAYROLL 11/10/23	81,100.00
WIRE TRANSFER: FEDERAL PAYROLL TAXES 11/13/23	30,000.00
WIRE TRANSFER: STATE PAYROLL TAXES 11/13/23	6,300.00
WIRE TRANSFER: TO CREDIT UNION	5,400.00
WIRE TRANSFER: PERS RETIREMENT	21,000.00
WIRE TRANSFER: PERS HEALTH PREMIUMS	43,348.12
WIRE TRANSFER: PERS RETIRED HEALTH PREMIUMS AND FEES	1,931.68
WIRE TRANSFER: SECTION 125	244.20
WIRE TRANSFER: SECTION 457 AND 401(A)	2,000.00

CHECKING ACCOUNT TRANSFERS FOR ACCOUNTS PAYABLE:

11/3/2023 WATER FUND TO GENERAL FUND-Payables	415,646.48
WATER FUND TO GENERAL FUND-Trash	262,497.49
WATER FUND TO SEWER FUND	157,602.82
 SEWER FUND TO GENERAL FUND-Payables	 12,657.24

INTERFUND TRANSFERS:

11/3/2023 SEWER FUND CHECKING TO LAIF SEWER OP	145,000.00
LAIF SEWER ML TO LAIF SEWER OP	699.28
LAIF PROPERTY TAX TO GENERAL FUND CHECKING	220,000.00
WATER FUND CHECKING TO LAIF-COP PAYBACK	35,000.00
WATER FUND CHECKING TO LAIF-W.R.	5,000.00
LAIF WATER ML TO LAIF WATER OPS	2,097.82
LAIF WATER OP TO WATER FUND CHECKING	117,000.00
LAIF WATER REPLACE TO LAIF WATER OP	218,134.82

NOTES PAYABLE

<u>DESCRIPTION</u>	<u>BALANCE</u>	<u>PAYMENT</u>	<u>DUE DATE</u>
U.S. Bank Trust (1998 COP's Refunding)	1,345,000 Prin.	655,000	Dec-23
U.S. Bank Trust (1998 COP's Refunding)	69,488 Intr.	34,297	Dec-23
MN Plant-State Revolving Loan	3,332,801 Prin.	137,493	Jul-24
MN Plant-State Revolving Loan	491,257 Intr.	42,838	Jan-24
2022 Obligations	3,261,158 Prin.	320,355	Jul-24
2022 Obligations	517,224 Intr.	49,733	Jan-24

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PO Number		Immediate GL Account			Check #		Payment Date	Discount
GL Date					Credit Card	CC Reference #		Total Invoice
1	AIRESPRING / AIRESPRING							178013011
PHN CHRGS		10/16/2023	N	N			11/15/2023 10/16/2023	\$0.00
11/02/2023					N			\$486.87
2	AQUA METRIC SALES / AQUA METRIC SALES CO							INV0097308
3/4"REG/2" METERS		10/12/2023	N	N			11/11/2023 10/12/2023	\$0.00
11/02/2023					N			\$3,723.84
3	AQUA METRIC SALES / AQUA METRIC SALES CO							INV0097312
2" METERS		10/12/2023	N	N			11/11/2023 10/12/2023	\$0.00
11/02/2023					N			\$1,870.54
4	AQUA METRIC SALES / AQUA METRIC SALES CO							INV0097436
3/4" METERS		10/18/2023	N	N			11/17/2023 10/18/2023	\$0.00
11/02/2023					N			\$14,007.50
5	AQUA METRIC SALES / AQUA METRIC SALES CO							INV0097438
1 1/2" METERS		10/18/2023	N	N			11/17/2023 10/18/2023	\$0.00
11/02/2023					N			\$4,001.84
6	AQUATIC INFORMATICS INC / AQUATIC INFORMATICS							106019
RIO SUBSC		09/12/2023	N	N			10/12/2023 09/12/2023	\$0.00
11/02/2023					N			\$8,500.00
7	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CJ31209-0267
WTR ANALYSES		09/20/2023	N	N			10/20/2023 09/20/2023	\$0.00
11/02/2023					N			\$200.00
8	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CJ31333-0267
WTR ANALYSES		09/21/2023	N	N			10/21/2023 09/21/2023	\$0.00
11/02/2023					N			\$13.00
9	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CJ30655-0267
WTR ANALYSES		10/11/2023	N	N			10/21/2023 10/11/2023	\$0.00
11/02/2023					N			\$136.00
10	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CJ30776-0267
WTR ANALYSES		10/12/2023	N	N			11/11/2023 10/12/2023	\$0.00
11/02/2023					N			\$4,277.55
11	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CJ30798-0267
WTR ANALYSES		10/12/2023	N	N			11/11/2023 10/12/2023	\$0.00
11/02/2023					N			\$59.00
12	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CJ30824-0267
WTR ANALYSES		10/12/2023	N	N			11/11/2023 10/12/2023	\$0.00
11/02/2023					N			\$400.00
13	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CJ30826-0267
WTR ANALYSES		10/12/2023	N	N			11/11/2023 10/12/2023	\$0.00
11/02/2023					N			\$320.00
14	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CJ30859-0267
WTR ANALYSES		10/13/2023	N	N			11/12/2023 10/13/2023	\$0.00
11/02/2023					N			\$81.00
15	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CJ30866-0267
WTR ANALYSES		10/13/2023	N	N			11/12/2023 10/13/2023	\$0.00
11/02/2023					N			\$180.00
16	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CJ30951-0267
WTR ANALYSES		10/16/2023	N	N			11/15/2023 10/16/2023	\$0.00
11/02/2023					N			\$36.00

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GL Date		Immediate GL Account		Credit Card	CC Reference #		Payment Date	Total Invoice
17	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN	10/17/2023	N	N		11/16/2023	10/17/2023	CJ31074-0267
	WTR ANALYSES							\$0.00
11/02/2023					N			\$203.28
18	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN	10/18/2023	N	N		11/17/2023	10/18/2023	CJ31182-0267
	WTR ANALYSES							\$0.00
11/02/2023					N			\$135.00
19	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN	10/17/2023	N	N		11/16/2023	10/17/2023	CJ31073-0267
	LAB FEES							\$0.00
11/02/2023					N			\$722.77
20	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN	10/19/2023	N	N		11/18/2023	10/19/2023	CJ31277-0267
	WTR ANALYSES							\$0.00
11/02/2023					N			\$81.00
21	BLAIS / BLAIS & ASSOCIATES, LLC	10/10/2023	N	N		11/09/2023	10/10/2023	BA_6330_2023
	GRNT CNSLT							\$0.00
11/02/2023					N			\$911.25
22	BLAIS / BLAIS & ASSOCIATES, LLC	10/10/2023	N	N		11/09/2023	10/10/2023	BA_6331_2023
	RES REHAB							\$0.00
11/02/2023					N			\$11,424.00
23	BPS B'S POOL SUPPLIES / B.P.S. B's POOL SUPPLIES	10/06/2023	N	N		11/05/2023	10/06/2023	123528
	SODIUM HYPO							\$0.00
11/02/2023					N			\$1,224.48
24	CARQUEST AUTO PARTS / CARQUEST AUTO PARTS	10/12/2023	N	N		11/11/2023	10/12/2023	7456-529249
	BATTERY							\$0.00
11/02/2023					N			\$143.65
25	CARQUEST AUTO PARTS / CARQUEST AUTO PARTS	10/18/2023	N	N		11/17/2023	10/18/2023	7456-529708
	SUPPLIES							\$0.00
11/02/2023					N			\$37.86
26	GRAINGER / GRAINGER	10/17/2023	N	N		11/16/2023	10/17/2023	9874173983
	SUPPLIES							\$0.00
11/02/2023					N			\$309.62
27	KIRK HAMBLIN / KIRK HAMBLIN	10/02/2023	N	N		11/01/2023	10/02/2023	20231002
	BOARD IPAD							\$0.00
11/02/2023					N			\$556.80
28	ICW / ICW INSURANCE CO OF THE WEST	10/12/2023	N	N		10/27/2023	10/12/2023	100000643254
	SURCHGS							\$0.00
11/02/2023					N			\$993.26
29	MASTER'S / MASTER'S SERVICES (GLACIER)	10/11/2023	N	N		11/10/2023	10/11/2023	000000857694
	BTL WTR							\$0.00
11/02/2023					N			\$71.50
30	MERIT OIL / MERIT OIL COMPANY	10/12/2023	N	N		11/11/2023	10/12/2023	804937
	GASOLINE							\$0.00
11/02/2023					N			\$739.75
31	NORTHSTAR CHEMICALS / NORTHSTAR CHEMICAL	10/13/2023	N	N		11/12/2023	10/13/2023	265583
	SODIUM SULFITE							\$0.00
11/02/2023					N			\$5,291.94
32	QUINN CAT / QUINN CAT / MACHINERY	10/12/2023	N	N		11/11/2023	10/12/2023	WOG00017819
	R&M EQUIP							\$0.00
11/02/2023					N			\$930.16

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GL Date		Immediate GL Account		Credit Card	CC Reference #		Payment Date	Total Invoice
33	QUINN CAT / QUINN CAT / MACHINERY							WOG00017820
R&M EQUIP		10/12/2023	N	N		11/11/2023	10/12/2023	\$0.00
11/02/2023					N			\$665.81
34	QUINN CAT / QUINN CAT / MACHINERY							WOG00017827
R&M GEN		10/13/2023	N	N		11/12/2023	10/13/2023	\$0.00
11/02/2023					N			\$678.80
35	QUINN CAT / QUINN CAT / MACHINERY							WOG00017828
R&M GEN		10/13/2023	N	N		11/12/2023	10/13/2023	\$0.00
11/02/2023					N			\$724.51
36	QUINN CAT / QUINN CAT / MACHINERY							WOG00017829
R&M GEN		10/13/2023	N	N		11/12/2023	10/13/2023	\$0.00
11/02/2023					N			\$753.55
37	REDWING / REDWING SHOES							816-1-127220
BOOTS/GONZALES		09/07/2023	N	N		10/07/2023	09/07/2023	\$0.00
11/02/2023					N			\$175.00
38	RELIABLE / RELIABLE WORKPLACE SOLUTIONS							RWS23100005
COPIER USG		10/15/2023	N	N		11/14/2023	10/15/2023	\$0.00
11/02/2023					N			\$305.84
39	RELIABLE / RELIABLE WORKPLACE SOLUTIONS							RWS23100006
COPIUER USG		10/15/2023	N	N		11/14/2023	10/15/2023	\$0.00
11/02/2023					N			\$135.57
40	RELIABLE / RELIABLE WORKPLACE SOLUTIONS							RWS23100032
COPIER USG		10/15/2023	N	N		11/14/2023	10/15/2023	\$0.00
11/02/2023					N			\$5.58
41	RELIABLE / RELIABLE WORKPLACE SOLUTIONS							RWS23100051
PRINTER USG		10/15/2023	N	N		11/14/2023	10/15/2023	\$0.00
11/02/2023					N			\$28.87
42	RIVERSIDE CNTY DEPT ENVIRONMENTAL / RIVERSID							IN0491727
PERMIT 2100 FLTWD		10/10/2023	N	N		11/09/2023	10/10/2023	\$0.00
11/02/2023					N			\$1,214.00
43	SHRED-IT / SHRED-IT USA							8004856655
SHREDDING		09/30/2023	N	N		10/30/2023	09/30/2023	\$0.00
11/02/2023					N			\$75.63
44	SOCAL TRUCK / SOCAL TRUCKWORKS							13367
R&M TRUCK		10/16/2023	N	N		11/15/2023	10/16/2023	\$0.00
11/02/2023					N			\$150.00
45	SCE / SCE							23O700609292713
WTR PMP ENRGY		10/16/2023	N	N		11/06/2023	10/16/2023	\$0.00
11/02/2023					N			\$222.11
46	SCE / SCE							23O700158802582
WTR PMP ENRGY		10/16/2023	N	N		11/06/2023	10/16/2023	\$0.00
11/02/2023					N			\$19,124.78
47	SCE / SCE							23O700044576190
SWR PMP ENRGY		10/16/2023	N	N		11/06/2023	10/16/2023	\$0.00
11/02/2023					N			\$1,026.88
48	SCE / SCE							23O700767086653
5473 UTILITY		10/16/2023	N	N		11/06/2023	10/16/2023	\$0.00
11/02/2023					N			\$277.96

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GL Date		Inv Date	Immediate GL Account		Credit Card	CC Reference #	Payment Date	Total Invoice
49	SCE / SCE ✓							23O700136714571 ✓
SWR PMP ENRGY		10/17/2023 ✓	N	N		11/06/2023	10/17/2023	\$0.00
11/02/2023 ✓					N			\$3,174.65 ✓
50	SCE / SCE ✓							23O700179651118 ✓
SWR PMP ENRGY		10/17/2023 ✓	N	N		11/06/2023	10/17/2023	\$0.00
11/02/2023 ✓					N			\$376.67 ✓
51	SOUTH COAST AQMD / SOUTH COAST AQMD ✓							4251451 ✓
REG FEE STATE		10/03/2023 ✓	N	N		11/02/2023	10/03/2023	\$0.00
11/02/2023 ✓					N			\$160.35 ✓
52	SOUTH COAST AQMD / SOUTH COAST AQMD ✓							4247753 ✓
REG FEE STATE		10/03/2023 ✓	N	N		11/02/2023	10/03/2023	\$0.00
11/02/2023 ✓					N			\$504.91 ✓
53	STEPSAVER / STEP-SAVER CA.LLC ✓							CT458290 ✓
SALT		10/12/2023 ✓	N	N		11/11/2023	10/12/2023	\$0.00
11/02/2023 ✓					N			\$5,051.50 ✓
54	ULLOA / ULLOA, JIM ✓							20231013 ✓
TREATMENT CERT		10/13/2023 ✓	N	N		11/12/2023	10/13/2023	\$0.00
11/02/2023 ✓					N			\$145.00 ✓
55	UNIVAR SOLUTIONS / UNIVAR SOLUTIONS ✓							51548120 ✓
SODIUM HYPO		10/11/2023 ✓	N	N		10/10/2023	10/11/2023	\$0.00
11/02/2023 ✓					N			\$5,164.25 ✓
56	YO FIRE / YO FIRE ✓							2025838 ✓
PARTS		10/16/2023 ✓	N	N		11/15/2023	10/16/2023	\$0.00
11/02/2023 ✓					N			\$1,166.93 ✓
57	YO FIRE / YO FIRE ✓							2025843 ✓
PARTS		10/16/2023 ✓	N	N		11/15/2023	10/16/2023	\$0.00
11/02/2023 ✓					N			\$2,967.44 ✓
58	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓							CJ31360-0267 ✓
WTR ANALYSES		10/20/2023 ✓	N	N		11/19/2023	10/20/2023	\$0.00
11/02/2023 ✓					N			\$180.00 ✓
59	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓							CJ31363-0267 ✓
WTR ANALYSES		10/20/2023 ✓	N	N		11/19/2023	10/20/2023	\$0.00
11/02/2023 ✓					N			\$36.00 ✓
60	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓							CJ31435-0267 ✓
WTR ANALYSES		10/23/2023 ✓	N	N		11/22/2023	10/23/2023	\$0.00
11/02/2023 ✓					N			\$126.00 ✓
61	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓							CJ31436-0267 ✓
WTR ANALYSES		10/23/2023 ✓	N	N		11/22/2023	10/23/2023	\$0.00
11/02/2023 ✓					N			\$54.00 ✓
62	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓							CJ31470-0267 ✓
WTR ANALYSES		10/23/2023 ✓	N	N		11/22/2023	10/23/2023	\$0.00
11/02/2023 ✓					N			\$45.00 ✓
63	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓							CJ31472-0267 ✓
WTR ANALYSES		10/23/2023 ✓	N	N		11/22/2023	10/23/2023	\$0.00
11/02/2023 ✓					N			\$39.00 ✓
64	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓							CJ31474-0267 ✓
WTR ANALYSES		10/23/2023 ✓	N	N		11/22/2023	10/23/2023	\$0.00
11/02/2023 ✓					N			\$58.00 ✓

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GL Date		Immediate GL Account		Credit Card	CC Reference #		Payment Date	Total Invoice
65	BPS B'S POOL SUPPLIES / B.P.S. B's POOL SUPPLIES							123726
	SODIUM HYPO	10/20/2023	N	N		11/19/2023	10/20/2023	\$0.00
11/02/2023				N				\$1,224.48
66	CARQUEST AUTO PARTS / CARQUEST AUTO PARTS							7456-530105
	SUPPLIES	10/23/2023	N	N		11/22/2023	10/23/2023	\$0.00
11/02/2023				N				\$11.76
67	CARQUEST AUTO PARTS / CARQUEST AUTO PARTS							7456-530151
	SUPPLIES	10/23/2023	N	N		11/22/2023	10/23/2023	\$0.00
11/02/2023				N				\$3.23
68	CARQUEST AUTO PARTS / CARQUEST AUTO PARTS							7456-530117
	SUPPLIES	10/23/2023	N	N		11/22/2023	10/23/2023	\$0.00
11/02/2023				N				\$45.02
69	DURNEY DON / DURNEY, DON							20231024
	GRNDG/WD ABATE	10/24/2023	N	N		11/23/2023	10/24/2023	\$0.00
11/02/2023				N				\$2,662.50
70	ESRI / ESRI							94582097
	GPS MAINT FEE	10/15/2023	N	N		11/14/2023	10/15/2023	\$0.00
11/02/2023				N				\$13,000.00
71	G & A NELOS CONSTRUCTION INC / G & A NELOS CC							20231013
	MARKET/24TH PIPE	10/13/2023	N	N		11/12/2023	10/13/2023	\$0.00
11/02/2023				N				\$203,013.57
72	HARRINGTON INDUSTRIAL / HARRINGTON INDUSTRIAL							012M7426
	PARTS	10/18/2023	N	N		11/17/2023	10/18/2023	\$0.00
11/02/2023				N				\$2,470.00
73	HARRINGTON INDUSTRIAL / HARRINGTON INDUSTRIAL							012M7532
	PARTS	10/24/2023	N	N		11/23/2023	10/24/2023	\$0.00
11/02/2023				N				\$51.85
74	JADTEC SECURITY / JADTEC SECURITY SVCS, INC.							2418983
	MONT DEC-FEB 24"	11/01/2023	N	N		11/11/2023	11/01/2023	\$0.00
11/02/2023				N				\$53.85
75	KH METALS / KH METALS & SUPPLY							0651388-IN
	PARTS	10/19/2023	N	N		11/18/2023	10/19/2023	\$0.00
11/02/2023				N				\$484.12
76	KH METALS / KH METALS & SUPPLY							0651792-IN
	PARTS	10/24/2023	N	N		11/23/2023	10/24/2023	\$0.00
11/02/2023				N				\$1,143.96
77	LILLESTRAND / LILLESTRAND LEADERSHIP CONSULTING							7894
	CNSLT/BECKWITH	10/15/2023	N	N		11/14/2023	10/15/2023	\$0.00
11/02/2023				N				\$500.00
78	MASTER'S / MASTER'S SERVICES (GLACIER)							0000000864195
	BTL WTR	10/24/2023	N	N		11/23/2023	10/24/2023	\$0.00
11/02/2023				N				\$101.50
79	MASTER'S / MASTER'S SERVICES (GLACIER)							0000000864191
	BTL WTR	10/24/2023	N	N		11/23/2023	10/24/2023	\$0.00
11/02/2023				N				\$56.50
80	MERIT OIL / MERIT OIL COMPANY							806239
	GASOLINE	10/18/2023	N	N		11/02/2023	10/18/2023	\$0.00
11/02/2023				N				\$1,922.64

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GL Date		Immediate GL Account		Credit Card	CC Reference #		Payment Date	Total Invoice
81	MV ENGINEERING SERVICES, INC / MV ENGINEERING	10/18/2023	N	N		11/17/2023	10/18/2023	2023-24
DEV SERVICES								\$0.00
11/02/2023				N				\$400.00
82	MV ENGINEERING SERVICES, INC / MV ENGINEERING	10/18/2023	N	N		11/17/2023	10/18/2023	2023-25
ADM ASSISTANCE								\$0.00
11/02/2023				N				\$1,100.00
83	MV ENGINEERING SERVICES, INC / MV ENGINEERING	10/18/2023	N	N		11/17/2023	10/18/2023	2023-26
ADM ASSISTANCE								\$0.00
11/02/2023				N				\$350.00
84	PROFUZION / PROFUZION CERTIFIED WELDING	09/25/2023	N	N		10/25/2023	09/25/2023	2768
WELDING REPAIRS								\$0.00
11/02/2023				N				\$5,095.00
85	QUINN CAT / QUINN CAT / MACHINERY	10/19/2023	N	N		11/18/2023	10/19/2023	WOG00017871
R&M GEN								\$0.00
11/02/2023				N				\$1,694.43
86	QUINN CAT / QUINN CAT / MACHINERY	10/19/2023	N	N		11/18/2023	10/19/2023	WOG00017872
R&M GEN								\$0.00
11/02/2023				N				\$690.04
87	RAMS / ROGERS, ANDERSON, MALODY & SCOTT, LL	09/30/2023	N	N		10/30/2023	09/30/2023	73614
PROGRESS BILL								\$0.00
11/02/2023				N				\$8,000.00
88	RIVERSIDE COUNTY TREASURER TAX / RIVERSIDE C	10/10/2023	N	N		11/09/2023	10/10/2023	2023003231909
PROP TAX								\$0.00
11/02/2023				N				\$46.54
89	SALAS / SALAS, MARCOS	10/17/2023	N	N		11/16/2023	10/17/2023	20231017
CLASS A DRIVER								\$0.00
11/02/2023				N				\$200.87
90	SCE / SCE	10/23/2023	N	N		11/13/2023	10/23/2023	23O700456862263
WTR PMP ENRGY								\$0.00
11/02/2023				N				\$3,325.58
91	SCE / SCE	10/24/2023	N	N		11/13/2023	10/24/2023	23O700456862263.A
FIELD OFC UTLTY								\$0.00
11/02/2023				N				\$211.19
92	SCE / SCE	10/24/2023	N	N		11/13/2023	10/24/2023	23O700456862263.B
NO 03 PLT ENRGY								\$0.00
11/02/2023				N				\$16,435.55
93	SCE / SCE	10/24/2023	N	N		11/13/2023	10/24/2023	23O700456862263.C
WTR PMP ENRGY								\$0.00
11/02/2023				N				\$40,758.39
94	SOCAL TRUCK / SOCAL TRUCKWORKS	10/20/2023	N	N		11/19/2023	10/20/2023	13384
R&M TRUCK								\$0.00
11/02/2023				N				\$88.92
95	TRUSSELL TECHNOLOGIES / TRUSSELL TECHNOLOG	10/20/2023	N	N		11/19/2023	10/20/2023	0000009375
SOP'S								\$0.00
11/02/2023				N				\$3,440.00
96	WEBB ALBERT A ASSOC / WEBB, ALBERT A. ASSOCI	09/30/2023	N	N		10/30/2023	09/30/2023	ARIV0000998
HUNTER ZONE								\$0.00
11/02/2023				N				\$13,673.25

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GL Date		Immediate GL Account		Credit Card	CC Reference #		Payment Date	Total Invoice
97	UPS / UNITED PARCEL SERVICE ✓							0000F908W2413 ✓
POSTAGE		10/14/2023 ✓	N	N		11/13/2023	10/14/2023	\$0.00
11/02/2023 ✓					N			\$15.05 ✓
98	UPS / UNITED PARCEL SERVICE ✓							0000F908W2423 ✓
POSTAGE		10/21/2023 ✓	N	N		11/20/2023	10/21/2023	\$0.00
11/02/2023 ✓					N			\$107.69 ✓
99	BEST NAME BADGES / BEST NAME BADGES ✓							391643 ✓
NAME BADGE		10/20/2023 ✓	N	N		11/19/2023	10/20/2023	\$0.00
11/02/2023 ✓					N			\$141.23 ✓
100	CA SPECIAL DISRICTS ASSOC / CA SPECIAL DISTF ✓							20231001 ✓
MEMBERSHIP DUES		10/01/2023 ✓	N	N		10/31/2023	10/01/2023	\$0.00
11/02/2023 ✓					N			\$9,075.00 ✓
101	CHASE CARD SERVICES / CHASE CARD SERVICES ✓							23077049795.A ✓
GENERAL OFFICE EXPEN		10/17/2023 ✓	N	N		11/11/2023	10/17/2023	\$0.00
11/02/2023 ✓					N			\$197.13 ✓
102	CHASE CARD SERVICES / CHASE CARD SERVICES ✓							23077049795.B ✓
OFFICE SUPPLIES		10/17/2023 ✓	N	N		11/11/2023	10/17/2023	\$0.00
11/02/2023 ✓					N			\$861.64 ✓
103	CHASE CARD SERVICES / CHASE CARD SERVICES ✓							23077049795.C ✓
GASOLINE		10/17/2023 ✓	N	N		11/11/2023	10/17/2023	\$0.00
11/02/2023 ✓					N			\$82.06 ✓
104	CHASE CARD SERVICES / CHASE CARD SERVICES ✓							23077049795.D ✓
COMP MISC & HARDWARE		10/17/2023 ✓	N	N		11/11/2023	10/17/2023	\$0.00
11/02/2023 ✓					N			\$1,199.65 ✓
105	CHASE CARD SERVICES / CHASE CARD SERVICES ✓							23077049795.E ✓
EMPLOYEE EDU/TRAININ		10/17/2023 ✓	N	N		11/11/2023	10/17/2023	\$0.00
11/02/2023 ✓					N			\$18.99 ✓
106	CHASE CARD SERVICES / CHASE CARD SERVICES ✓							23077049795.F ✓
R&M WATER		10/17/2023 ✓	N	N		11/11/2023	10/17/2023	\$0.00
11/02/2023 ✓					N			\$2,751.15 ✓
107	CHASE CARD SERVICES / CHASE CARD SERVICES ✓							23077049795.G ✓
REGULATORY FEE/STATE		10/17/2023 ✓	N	N		11/11/2023	10/17/2023	\$0.00
11/02/2023 ✓					N			\$581.57 ✓
108	CHASE CARD SERVICES / CHASE CARD SERVICES ✓							23077049795.H ✓
GENERAL SUPPLIES		10/17/2023 ✓	N	N		11/11/2023	10/17/2023	\$0.00
11/02/2023 ✓					N			\$476.51 ✓
109	KRIEGER & STEWART / KRIEGER & STEWART, INC. ✓							48875 ✓
WTR CNSLT		10/24/2023 ✓	N	N		11/23/2023	10/24/2023	\$0.00
11/02/2023 ✓					N			\$5,253.65 ✓
110	KRIEGER & STEWART / KRIEGER & STEWART, INC. ✓							48876 ✓
WSTE WTR CNSLT		10/24/2023 ✓	N	N		11/23/2023	10/24/2023	\$0.00
11/02/2023 ✓					N			\$211.20 ✓
111	KRIEGER & STEWART / KRIEGER & STEWART, INC. ✓							48878 ✓
AGUA/COMM PK 37528		10/24/2023 ✓	N	N		11/23/2023	10/24/2023	\$0.00
11/02/2023 ✓					N			\$5,655.26 ✓
112	KRIEGER & STEWART / KRIEGER & STEWART, INC. ✓							48879 ✓
SADDLEHORN RNCH TRAC		10/24/2023 ✓	N	N		11/23/2023	10/24/2023	\$0.00
11/02/2023 ✓					N			\$199.00 ✓

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GL Date		Immediate GL Account		Credit Card	CC Reference #		Payment Date	Total Invoice
113	KRIEGER & STEWART / KRIEGER & STEWART, INC.							48880
RCSD TRACK 32721		10/24/2023	N	N		11/23/2023	10/24/2023	\$0.00
11/02/2023				N				\$646.75
114	KRIEGER & STEWART / KRIEGER & STEWART, INC.							48881
EMRLD RDGE 36947		10/24/2023	N	N		11/23/2023	10/24/2023	\$0.00
11/02/2023				N				\$2,860.75
115	KRIEGER & STEWART / KRIEGER & STEWART, INC.							48882
JV TRACK 38318		10/24/2023	N	N		11/23/2023	10/24/2023	\$0.00
11/02/2023				N				\$3,028.25
116	KRIEGER & STEWART / KRIEGER & STEWART, INC.							48883
WTR CNSLT		10/24/2023	N	N		11/23/2023	10/24/2023	\$0.00
11/02/2023				N				\$7,067.15
117	KRIEGER & STEWART / KRIEGER & STEWART, INC.							48884
WTR SAMPLING MONITOR		10/24/2023	N	N		11/23/2023	10/24/2023	\$0.00
11/02/2023				N				\$211.00
118	KRIEGER & STEWART / KRIEGER & STEWART, INC.							48885
MARKET & 24TH PIPE		10/24/2023	N	N		11/23/2023	10/24/2023	\$0.00
11/02/2023				N				\$1,448.00
119	KRIEGER & STEWART / KRIEGER & STEWART, INC.							48886
2023 MANUAL		10/24/2023	N	N		11/23/2023	10/24/2023	\$0.00
11/02/2023				N				\$1,291.00
120	KRIEGER & STEWART / KRIEGER & STEWART, INC.							48887
WTR SWR CND ASSMT		10/24/2023	N	N		11/23/2023	10/24/2023	\$0.00
11/02/2023				N				\$2,797.10
121	WEBB ALBERT A ASSOC / WEBB, ALBERT A. ASSOCI							ARIV0001311
AMI GRNT CNSLT		09/30/2023	N	N		10/30/2023	09/30/2023	\$0.00
11/02/2023				N				\$1,223.75
122	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC							101123/102523.A
COMM TRSH		10/26/2023	N	N		11/25/2023	10/26/2023	\$0.00
11/02/2023				N				\$73,856.75
123	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC							101123/102523.B
RES TRSH		10/26/2023	N	N		10/25/2023	10/26/2023	\$0.00
11/02/2023				N				\$188,640.74
124	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC							101123/102523.C
RCSD SHR COMM		10/26/2023	N	N		11/25/2023	10/26/2023	\$0.00
11/02/2023				N				(\$10,339.95)
125	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC							101123/102523.D
RCSD SHR RES		10/26/2023	N	N		11/25/2023	10/26/2023	\$0.00
11/02/2023				N				(\$6,313.24)
126	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC							101123/102523.E
BILLING FEE		10/26/2023	N	N		11/25/2023	10/26/2023	\$0.00
11/02/2023				N				(\$3,000.00)

Grand Totals

Total Direct Expense: \$739,036.81
Total Direct Expense Adj: (\$19,653.19)
Total Non-Electronic Transactions: \$719,383.62

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Report Summary

Report Selection Criteria

Report Type: Condensed

Start End

Transaction Number: Start End

KA

5. **CONSENT CALENDAR** (continued)

C. **DM 2023-98: Receive and File Statement of Cash Asset Schedule
Report Ending September 2023**

Rubidoux Community Services District

Board of Directors

Bernard Murphy, President
John Skerbelis, Vice-President
Armando Muniz
F. Forest Trowbridge
Hank Trueba Jr.



General Manager

Brian R. Laddusaw

Water Resource Management Refuse Collection Street Lights Fire / Emergency Services Weed Abatement

DIRECTORS MEMORANDUM 2023-98

November 2, 2023

To: Rubidoux Community Services District
 Board of Directors

Subject: Receive and File Statement of Cash Asset Schedule Report Ending September 2023

BACKGROUND:

Attached for the Board of Directors' consideration is the September 2023 Statement of Cash Assets Schedule Report for all District Fund Accounts. Year to date ("YTD") interest is \$263,278.54 for District controlled accounts. With respect to District "Funds in Trust," \$5,998.88 has been earned and posted. The District has a combined YTD interest earned total of \$269,277.42 as of September 30, 2023.

The District's Operating Funds (Excluding Restricted Funds and Operating Reserves) show a balance of \$12,760,661.91 ending September 30, 2023. This is **\$1,399,070.84 LESS** than July 1, 2023, beginning balance of \$14,159,732.75.

Further, the District's Field/Admin Fund current fund balance is \$750,044.21.

Submitted for the Board of Directors consideration is the ***September 2023 Statement of Cash Assets Schedule Report*** for review and acceptance.

RECOMMENDATION:

Staff recommends the Board of Directors “**Receive and File**” the September 2023 Statement of Cash Assets Schedule Report.

Respectfully,



BRIAN R. LADDUSAW, CPA
General Manager

Attachment(s): September 2023, Cash Assets Schedule Report

RUBIDOUX COMMUNITY SERVICES DISTRICT
INVESTMENT SUMMARY - SEPTEMBER 30, 2023
CASH BASIS

	Beg. Balance 7/1/2023	YTD Int.	Other Activity YTD	Balance 9/30/2023	YTD Avg. Int. Rate
Operating Accounts	\$ 14,159,732.75	\$ 101,026.86	\$ (1,500,097.70)	\$ 12,760,661.91	0.79%
Water Operating Reserve	4,350,030.08	34,567.85	-	4,384,597.93	0.79%
Wastewater Operating Reserve	594,121.20	4,721.23	-	598,842.43	0.79%
Water Replacement Reserve	925,390.63	7,353.69	(16,104.35)	916,639.97	0.80%
Fire Mitigation Reserve	3,509,799.71	26,317.90	(4,271.45)	3,531,846.16	0.75%
Wastewater Reserve	2,546,413.30	19,668.98	11,080.50	2,577,162.78	0.76%
Wastewater Replacement Res.	555,486.59	4,414.22	28,447.00	588,347.81	0.75%
Water Reserve	2,833,192.90	20,520.24	5,621.45	2,859,334.59	0.72%
COP Restricted	1,677,828.24	13,332.99	362,300.00	2,053,461.23	0.65%
Field/Admin Reserve	756,762.79	6,013.68	(12,732.26)	750,044.21	0.80%
Grant Restricted Reserve	53,917.61	428.46	-	54,346.07	0.79%
Project Admin Building	1,111,853.50	8,835.43	-	1,120,688.93	0.79%
Project Ops Building	2,023,136.18	16,077.01	-	2,039,213.19	0.79%
Funds in Trust	1,109,503.24	5,998.88	-	1,115,502.12	0.54%
Total Investments	\$ 36,207,168.72	\$ 269,277.42	\$ (1,125,756.81)	\$ 35,350,689.33	0.76%

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
 FOR PERIOD JULY 1, 2023 THRU SEPTEMBER 30, 2023
 CASH BASIS

FIRE MITIGATION

<u>DATE</u>	<u>INSTITUTION</u>	<u>INSTRUMENT</u>	<u>MATURITY</u>	<u>STATUS</u>	<u>PURCHASE / REDEEM</u>	<u>INT. RATE</u>	<u>INTEREST</u>	<u>PAR/ BALANCE</u>	<u>TOTAL</u>
9/1/2023	Premier Bank	CD		Beg. Bal.				170,424.60	
	Premier Bank			Interest	7.23	0.05%	-	170,424.60	
	Premier Bank			Redeem	-			170,424.60	
9/30/2023	Premier Bank	CD	10/3/2023	Purchase	-			170,424.60	
9/1/2023	Premier Bank	Checking		Beg. Bal.				8,835.50	
	Premier Bank	Fire Mitigation		Activity	-	0.00	-	8,835.50	
9/30/2023	Premier Bank			End Bal.	-			8,835.50	
9/1/2023	LAIF	Fire Mitigation		Beg. Bal.				3,328,185.00	
	LAIF			Interest		3.15%	-	3,328,185.00	
9/30/2023	LAIF			Activity	2,991.05			3,331,176.05	
9/1/2023	Premier Bank	Safekeeping		Beg. Bal.				21,402.78	
	Premier Bank			Activity	-	-	7.23	21,410.01	
9/30/2023	Premier Bank			End Bal.				21,410.01	\$ 3,531,846.16

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
 FOR PERIOD JULY 1, 2023 THRU SEPTEMBER 30, 2023
 CASH BASIS

WASTEWATER CIP FUNDS										
DATE	INSTITUTION	INSTRUMENT	MATURITY	STATUS	PURCHASE / REDEEM	INT. RATE	INTEREST	PAR / BALANCE	TOTAL	
9/1/2023	LAIF	Sewer Mainline		Beg. Bal.		3.15%	-	2,485,671.63		
9/30/2023	LAIF			Interest Activity	19,084.00			2,485,671.63		
	LAIF							2,504,755.63		
9/1/2023	CBB	Safekeeping		Beg. Bal.		0.05%	9.02	72,398.13		
9/30/2023	CBB			Activity	-			72,407.15		
	CBB			End Bal.				72,407.15	\$ 2,577,162.78	

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
 FOR PERIOD JULY 1, 2023 THRU SEPTEMBER 30, 2023
 CASH BASIS

WATER CIP FUNDS

<u>DATE</u>	<u>INSTITUTION</u>	<u>INSTRUMENT</u>	<u>MATURITY</u>	<u>STATUS</u>	<u>PURCHASE / REDEEM</u>	<u>INTEREST RATE</u>	<u>INTEREST</u>	<u>PAR / BALANCE</u>	<u>TOTAL</u>
9/1/2023	LAF	Water Mainline		Beg. Bal.		3.15%	-	2,587,530.06	
9/30/2023	LAF			Interest Activity	20,495.95		-	2,587,530.06	
9/30/2023	LAF			Activity				2,608,026.01	
9/1/2023	Citizens Bus	CD		Beg. Bal.		0.04%	-	225,000.00	
9/30/2023	Citizens Bus			Activity	-	n/a	-	225,000.00	
9/30/2023	Citizens Bus		10/5/2023	Redeem	-		-	225,000.00	
9/30/2023	Citizens Bus			Purchase	-		-	225,000.00	
9/1/2023	Premier Bank	Safekeeping		Beg. Bal.		-	-	1,670.97	
9/30/2023	Premier Bank			Activity	-		-	1,670.97	
9/30/2023	Premier Bank			End Bal.				1,670.97	
9/1/2023	CBB	Safekeeping		Beg. Bal.		0.05%	3.07	24,634.54	
9/30/2023	CBB			Activity	-			24,637.61	
9/30/2023	CBB			End Bal.				24,637.61	\$ 2,859,334.59

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
 FOR PERIOD JULY 1, 2023 THRU SEPTEMBER 30, 2023
 CASH BASIS

OPERATING FUNDS

<u>DATE</u>	<u>INSTITUTION</u>	<u>INSTRUMENT</u>	<u>MATURITY</u>	<u>STATUS</u>	<u>DEPOSIT/ WITHDRAW</u>	<u>INTEREST RATE</u>	<u>INTEREST</u>	<u>PAR/ BALANCE</u>	<u>TOTAL</u>
9/1/2023	Premier Bank	Checking-Gen.		Beg. Bal.				361,233.97	
	Premier Bank			Deposits	1,619,007.18	0.00	-	1,980,241.15	
9/30/2023	Premier Bank			Disbursements	(1,855,057.96)			125,183.19	
9/1/2023	Premier Bank	Checking		Beg. Bal.				10,490.00	
	Premier Bank	Property Tax		Deposits	-	0.00	-	10,490.00	
9/30/2023	Premier Bank			Disbursements	(8,000.00)			2,490.00	
9/1/2023	Premier Bank	Checking-Sewer		Beg. Bal.				1,356.64	
	Premier Bank			Deposits	298,077.18	0.00	-	299,433.82	
9/30/2023	Premier Bank			Disbursements	(297,962.30)			1,471.52	
9/1/2023	Premier Bank	Checking-Water		Beg. Bal.				961,300.87	
	Premier Bank			Deposits	1,397,167.23	0.00	-	2,358,468.10	
9/30/2023	Premier Bank			Disbursements	(1,455,410.24)			903,057.86	
9/1/2023	Bank of America	Paymode		Beg. Bal.				3,178.10	
	Bank of America			Deposits	-	0.00	0.66	3,178.76	
9/30/2023	Bank of America			Disbursements	-			3,178.76	

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
 FOR PERIOD JULY 1, 2023 THRU SEPTEMBER 30, 2023

CASH BASIS
OPERATING FUNDS

<u>DATE</u>	<u>INSTITUTION</u>	<u>INSTRUMENT</u>	<u>MATURITY</u>	<u>STATUS</u>	<u>DEPOSIT/ WITHDRAW</u>	<u>INTEREST RATE</u>	<u>INTEREST</u>	<u>PAR/ BALANCE</u>	<u>TOTAL</u>
9/1/2023	Premier Bank	Operations		Beg. Bal				276,342.99	
9/30/2023	Premier Bank	Safekeeping		Deposits	-	-	-	276,342.99	
9/30/2023	Premier Bank			Disbursements				276,342.99	
9/1/2023	LAIF	Gen. Fund-Prop Tax		Beg. Bal.				8,925,232.62	
9/30/2023	LAIF	Qtrly. Interest		Interest	(232,991.05)	3.15%	-	8,925,232.62	
9/30/2023	LAIF			Activity				8,692,241.57	
9/1/2023	LAIF	Water Op.		Beg. Bal.				1,454,199.76	
9/30/2023	LAIF	Qtrly. Interest		Interest	168,529.47	3.15%	-	1,454,199.76	
9/30/2023	LAIF			Activity				1,622,729.23	
9/1/2023	LAIF	Sewer Op.		Beg. Bal.				1,152,537.79	
9/30/2023	LAIF	Qtrly. Interest		Interest	(18,571.00)	3.15%	-	1,152,537.79	
9/30/2023	LAIF			Activity				1,133,966.79	\$12,760,661.91

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
 FOR PERIOD JULY 1, 2023 THRU SEPTEMBER 30, 2023

CASH BASIS
RESERVED FUNDS

<u>DATE</u>	<u>INSTITUTION</u>	<u>INSTRUMENT</u>	<u>MATURITY</u>	<u>STATUS</u>	<u>DEPOSIT/ WITHDRAW</u>	<u>INTEREST RATE</u>	<u>INTEREST</u>	<u>PAR/ BALANCE</u>	<u>TOTAL</u>
9/1/2023	LAIF	Water Op. Reserve		Beg. Bal.				4,384,597.93	
9/30/2023	LAIF	Qtrly. Interest		Interest Activity	-	3.15%	-	4,384,597.93	
9/30/2023	LAIF				-			4,384,597.93	
9/1/2023	LAIF	Water Replacement		Beg. Bal.				907,470.97	
9/30/2023	LAIF	Qtrly. Interest		Interest Activity	9,169.00	3.15%	-	907,470.97	
9/30/2023	LAIF							916,639.97	
9/1/2023	LAIF	Wastewater Replacement		Beg. Bal.				578,860.81	
9/30/2023	LAIF	Qtrly. Interest		Interest Activity	9,487.00	3.15%	-	578,860.81	
9/30/2023	LAIF							588,347.81	
9/1/2023	LAIF	COP-Payback		Beg. Bal.				1,951,661.23	
9/30/2023	LAIF	Qtrly. Interest		Interest Activity	101,800.00	3.15%	-	1,951,661.23	
9/30/2023	LAIF							2,053,461.23	
9/1/2023	LAIF	Grant-Trash		Beg. Bal.				54,346.07	
9/30/2023	LAIF	Qtrly. Interest		Interest Activity	-	3.15%	-	54,346.07	
9/30/2023	LAIF							54,346.07	
9/1/2023	LAIF	Field/Admin Bldg.		Beg. Bal.				781,038.63	
9/30/2023	LAIF	Qtrly. Interest		Interest Activity	(30,994.42)	3.15%	-	781,038.63	
9/30/2023	LAIF							750,044.21	
9/1/2023	LAIF	Wastewater Op. Reserve		Beg. Bal.				598,842.43	
9/30/2023	LAIF	Qtrly. Interest		Interest Activity	-	3.15%	-	598,842.43	
9/30/2023	LAIF							598,842.43	
9/1/2023	LAIF	Project Admin Bldg		Beg. Bal.				1,120,688.93	
9/30/2023	LAIF	Qtrly. Interest		Interest Activity	-	3.15%	-	1,120,688.93	
9/30/2023	LAIF							1,120,688.93	
9/1/2023	LAIF	Project Ops Bldg		Beg. Bal.				2,039,213.19	
9/30/2023	LAIF	Qtrly. Interest		Interest Activity	-	3.15%	-	2,039,213.19	
9/30/2023	LAIF							2,039,213.19	
									\$12,506,181.77

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
 FOR PERIOD JULY 1, 2023 THRU SEPTEMBER 30, 2023
 CASH BASIS

FUNDS IN TRUST

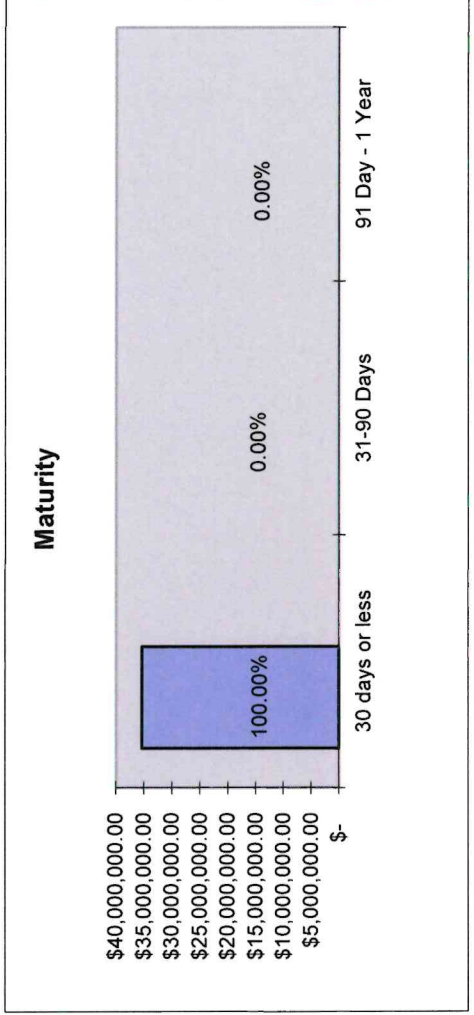
<u>DATE</u>	<u>INSTITUTION</u>	<u>INSTRUMENT</u>	<u>MATURITY</u>	<u>STATUS</u>	<u>PURCHASE / REDEEM</u>	<u>INTEREST RATE</u>	<u>INTEREST</u>	<u>PAR/ BALANCE</u>	<u>TOTAL</u>
9/1/2023	U.S. Bank	COP's Refunding-Series 1998 Install Sale		8,051.62	-	4.79%	32.63	748,224.66	
9/30/2023		Reserve-LAIF (From US Bank)		740,205.67		4.79%	-	748,257.29	
9/1/2023		Fiscal Agent-SRL MN Plant		Beg. Bal		0.073%	45.27	367,199.56	
9/30/2023	Premier Bank			Deposits	-			367,244.83	
				Disbursements	-			367,244.83	\$ 1,115,502.12
TOTAL CASH FUNDS									\$35,350,689.33

RCSD PORTFOLIO HOLDINGS REPORT
SEPTEMBER 30, 2023

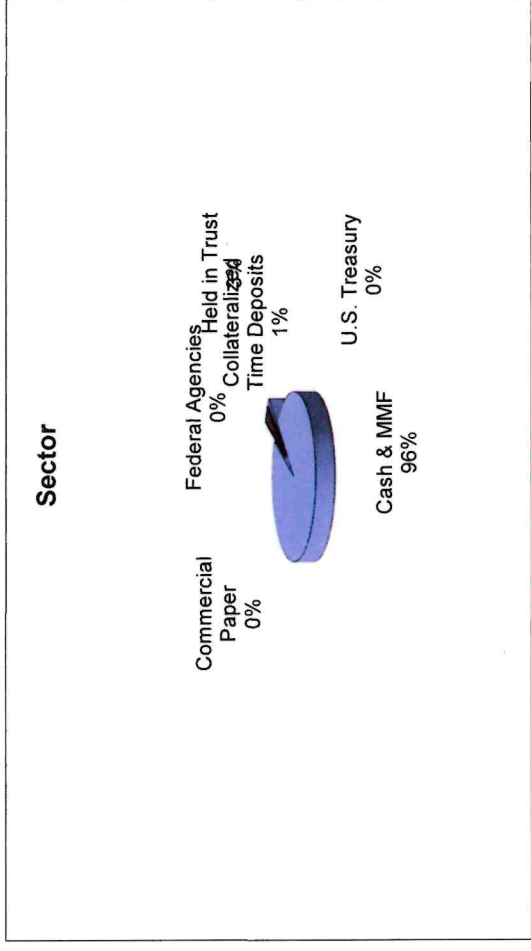
<u>Issuer</u>	<u>Maturity</u>	<u>Acquisition Cost</u>	<u>Current Market</u>	<u>Gain/Loss</u>	<u>Yld Mat</u>
AGENCY		-	-	-	-
U.S. TREASURIES		-	-	-	-
COMMERCIAL PAPER		-	-	-	-
FUNDS IN TRUST		\$ 1,115,502.12	\$ 1,115,502.12		
COLLATERALIZED TIME DEPOSITS					
Premier	10/3/2023	\$ 170,424.60	\$ 170,424.60		0.05%
Citizens Business Bank	10/5/2023	225,000.00	225,000.00		0.04%
Subtotals		\$ 395,424.60	\$ 395,424.60	-	
CASH EQUIVALENT & MONEY MARKET					
LOCAL AGENCY INVESTMENT FUND (LAIF)		\$ 32,399,077.05	\$ 32,399,077.05	-	3.15%
DEPOSITS HELD WITH FINANCIAL INSTITUTIONS		1,440,685.56	1,440,685.56	-	-
Subtotals		\$ 33,839,762.61	\$ 33,839,762.61	-	
GRAND TOTALS		<u>\$ 35,350,689.33</u>	<u>\$ 35,350,689.33</u>	-	

RCSD Investment Portfolio
 SEPTEMBER 30, 2023

Maturity	
30 days or less	\$ 35,350,689.33
31-90 Days	-
91 Day - 1 Year	-
Total	<u>\$ 35,350,689.33</u>



Sector	
Cash & MMF	\$ 33,839,762.61
U.S. Treasury	-
Federal Agencies	-
Commercial Paper	-
Held in Trust	1,115,502.12
Collateralized Time Deposits	395,424.60
Total	<u>\$ 35,350,689.33</u>



6. CORRESPONDENCE AND RELATED INFORMATION

- A. Article from Department of Water Resources State of California -
Current Reservoir Conditions
- B. Article from droughtmonitor.unl.edu – U.S. Drought Monitor California
- C. Article from calmatters.org – Another wet winter looms. California needs
to get serious about water management
- D. Article from pasoblesdailynews.com – New Tesla battery installed at
SLO water treatment plant

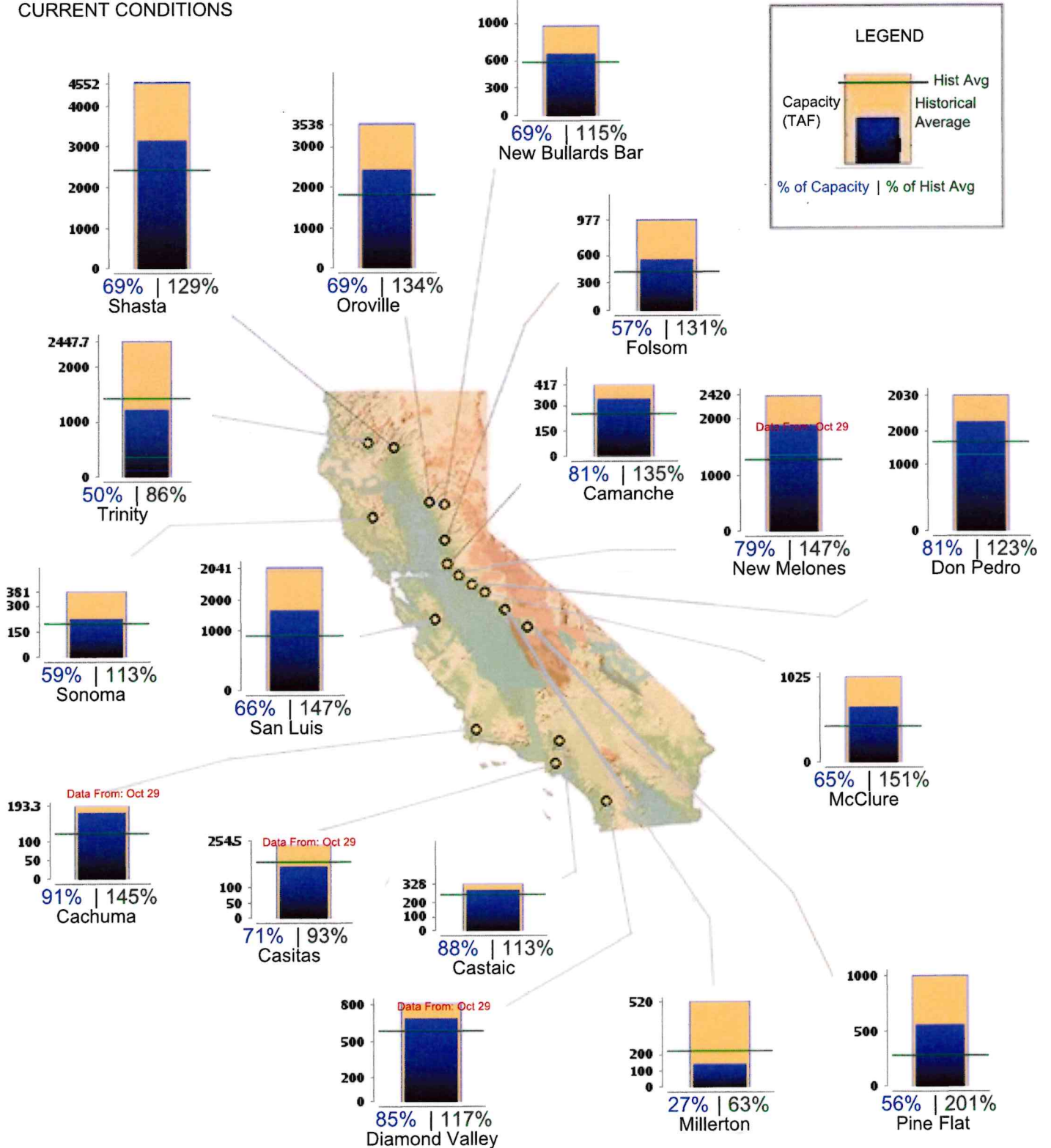


CURRENT RESERVOIR CONDITIONS

CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS

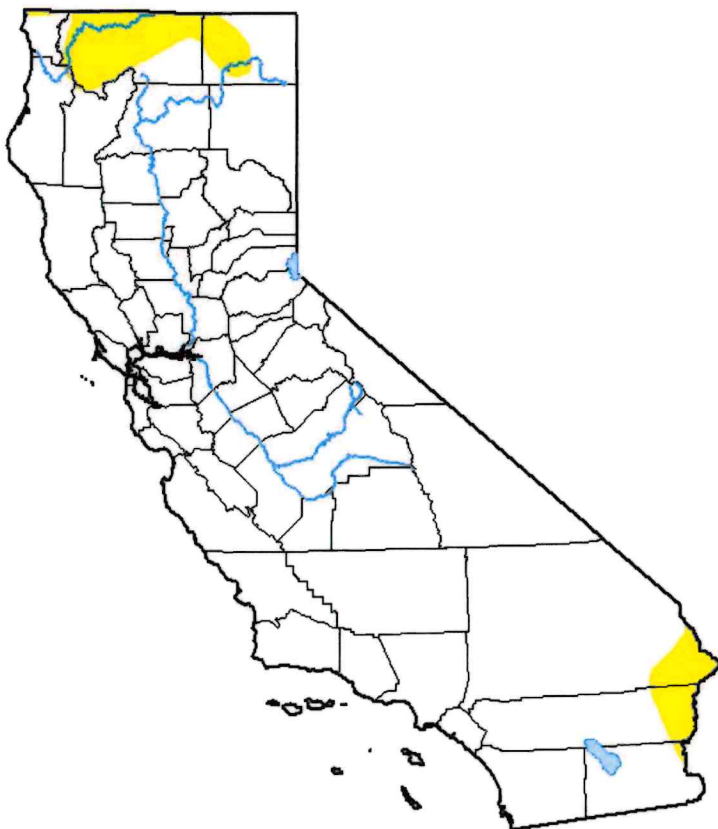
Midnight - October 30, 2023

CURRENT CONDITIONS



U.S. Drought Monitor California

October 24, 2023
(Released Thursday, Oct. 26, 2023)
Valid 8 a.m. EDT



Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <http://droughtmonitor.unl.edu/About.aspx>

Author:

Rocky Bilotta
NCEI/NOAA



droughtmonitor.unl.edu

COMMENTARY

Another wet winter looms. California needs to get serious about water management



BY DAN WALTERS
OCTOBER 29, 2023



Flooded fields in Corcoran on March 23, 2023. Photo by Martin do Nascimento, CalMatters

Listen to this article



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IN SUMMARY

California's reservoirs are more full than usual thanks to last winter's heavy rain and snow storms. Scientists believe that the state could see a repeat.

Oct. 1 is the beginning of what hydrologists call the "water year."

Historically, California's reservoirs are near their lowest levels by this point after months of being drawn down, mostly to irrigate fields and orchards, during the state's precipitation-free summer.

[This October is quite different.](#)

Last winter's heavy rain and snow storms, generated by a series of atmospheric rivers, [filled reservoirs even as dam managers fully opened their gates](#) to send as much water downstream as possible.

[So much rain and snow fell in the southern San Joaquin Valley](#) that Tulare Lake, once one of the nation's largest natural lakes, [was recreated](#), and threatened the town of Corcoran.

Virtually every reservoir in the state contains more than 100% of their historic storage levels at the beginning of the water year. The biggest ones, such as Shasta and Oroville, are close to three-quarters full even after giving farmers their full quotas of irrigation water during the growing season.

Hydrologists and meteorologists, moreover, are [telling Californians that they may see a repeat](#) in the months ahead, thanks to a phenomenon known as El Niño, and it potentially could surpass last winter's storms.

El Niño is a warm current that often results in huge amounts of Pacific Ocean water being sucked into the atmosphere and delivered to land as rain and snow.

"The anticipated strong El Niño is the predominant climate factor driving the U.S. winter outlook this year," Jon Gottschalck, chief of the operational prediction branch at NOAA's Climate Prediction Center, [told the Los Angeles Times](#).

He and other weather scientists predict that California and other Western states will see above-average precipitation and some believe it could surpass the 1997-98 winter when floods and mudslides killed 17 Californians and caused \$1 billion in property damage.


"It's only been seen three times previously in the historical record," Stephen Yeager, project scientist with the National Center for Atmospheric Research, [told public radio station KQED](#). "We are looking at the potential of a major season-long event that could impact people and their livelihoods."

The prospect of another heavy precipitation winter is both uplifting to a state that had experienced several years of drought prior to last winter and a little frightening.

Mostly, it's another warning to Californians – and particularly their politicians – that it's beyond time to take the state's water situation seriously and become [more proactive](#) on both flood protection and water storage.

The good news is that after years of dithering, some significant progress is being made on rationalizing water management in California. A few days ago, federal and local water officials [announced the approval](#) of a project that would expand storage in the San Luis Reservoir, a major off-stream facility in the Pacheco Pass.

San Luis absorbs water from the California Aqueduct that's not currently needed and releases it on demand. It has the capacity to



Commentary | Another wet winter looms. California needs to get [Donate](#)

It's one out of a flurry of storage projects now in the works, including another off-stream reservoir on the [west side of the Sacramento Valley called Sites](#). That project has been kicking around for decades and is finally gaining political approval and serious commitments of money.

Off-stream storage avoids the environmental issues of dams that plug rivers, such as Shasta and Oroville, and adversely affect fish and other wildlife.

State water authorities believe that, with climate change, California will receive more of its precipitation as rain, rather than snow. It's critical, therefore, that we have storage, both above-ground and in aquifers, to replace the natural reservoir of the Sierra snowpack as it recedes.

The message is finally hitting home.

Paso Robles Daily News

New Tesla battery installed at SLO water treatment plant

Posted: 5:55 am, October 16, 2023 by News Staff



IS YOUR CASH REGISTER BROKEN?

When your Metering Infrastructure fails you, we've got your back.

[Learn more](#)

USG WATER SOLUTIONS

– The [City of San Luis Obispo's Utilities Department](#) recently marked a milestone in its commitment to “leading by example in climate action work.” The Department successfully installed a Tesla battery storage system at the Water Treatment Plant to support resiliency, sustainability, and energy efficiency.

Tesla battery at the SLO Water Treatment Plant

“The installation of the Tesla battery system at our water treatment plant is a testament to our city’s commitment to sustainability, innovation, and resilience. I’m proud of the work our team has done to make this vision a reality,” said City Utilities Director Aaron Floyd. “This project not only exemplifies the positive impact of grant-funded initiatives but also demonstrates our dedication to providing clean, reliable, and cost-effective services to our community. It’s a win-win for both our residents and the environment.”

The Tesla battery has a capacity of 644 kilowatt-hours (kWh) and has been seamlessly added into the operations of the water treatment plant. Thanks to [AdChoices](#) advances the city’s goal to have carbon-neutral municipal operations by 2030, and is taking steps to reduce operational greenhouse gas emissions and i

ADVERTISING

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Three key benefits of the Tesla battery system:

1. Smoothing peak energy demand: The water treatment plant relies heavily on energy during equipment start-up and peak operational periods, which can strain the power grid and escalate electrical costs. The Tesla battery system will shift energy demand to the battery during these high-demand periods, effectively reducing spikes in energy consumption and relieving pressure on the PG&E power grid.
2. Optimizing energy use: The Tesla battery can be charged during periods when electricity is cheapest, most abundant, and provided from clean sources such as solar and wind. Once charged during off-peak hours, the battery can be programmed to power operations during peak energy demand periods when power is expensive, the power grid is stressed, and the grid is more reliant on energy from less sustainable sources.
3. Enhancing resilience: When charged, the Tesla battery will be utilized to power the water treatment plant if there is a scheduled or unscheduled loss in PG&E power to the facility. Seamless transition from PG&E power to battery power is important, as it will ensure continuous operation of the facility while reducing the use of the onsite backup diesel generator (further reducing greenhouse gas emissions). The Tesla battery pack is estimated to be capable of operating the entire water treatment plant and the city's largest water pump station for up to seven hours.

For several years, the city has been upgrading and replacing equipment at the water treatment plant to modernize the facility and improve the plant's resiliency while reducing electrical demands. This particular project began last year in collaboration with PG&E's Self-Generation Incentive Program to allow the plant to shift energy use from the PG&E grid to the battery without interrupting operations.

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USG WATER SOLUTIONS

Up Next - Wine company to acquire Dado Vineyards in 5900 m... X
AdChoices

7. **REPORTS**

A. Operations Report (Second Meeting Each Month)

7. **REPORTS** (continued)

B. Emergency and Incident Report (Second Meeting Each Month)

CAL FIRE/Riverside County Fire Department

Emergency Incident Statistics



Bill Weiser

Fire Chief

10/3/2023

Report Provided By: Riverside County Fire Department

Communications and Technology Division

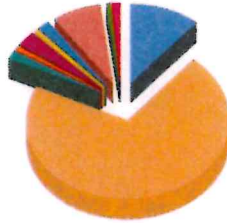
GIS Section

Please refer to Map and Incident by Battalion, Station, Jurisdiction

Incidents Reported for the month of September 2023 and Special District Rubidoux CSD And Both (Code 2, Alpha, Omega, Code 3, Charlie, Delta, Bravo, Echo)
*Incidents are shown based on the primary response area for the incident location. This does not represent total response times for all units only the first unit in.

Response Activity

Incidents Reported for the month of September 2023 and Special District Rubidoux CSD And Both (Code 2, Alpha, Omega, Code 3, Charlie, Delta, Bravo, Echo)



False Alarm	30	11.2%
Medical	190	70.9%
Other Fire	5	1.9%
Other Misc	2	0.7%
Public Service Assist	8	3.0%
Res Fire	2	0.7%
Standby	5	1.9%
Traffic Collision	21	7.8%
Vehicle Fire	1	0.4%
Wildland Fire	4	1.5%
Total:	268	100.0%

False Alarm	30
Medical	190
Other Fire	5
Other Misc	2
Public Service Assist	8
Res Fire	2
Standby	5
Traffic Collision	21
Vehicle Fire	1
Wildland Fire	4
Incident Total:	268

Average Enroute to Onscene Time*

Enroute Time = When a unit has been acknowledged as responding. Onscene Time = When a unit has been acknowledge as being on scene. For any other statistic outside Enroute to Onscene please contact the IT Help Desk at 951-940-6900

<5 Minutes	+5 Minutes	+10 Minutes	+20 Minutes	Average	% 0 to 5 min
176	66	23	2	4.7	65.7%

*CODE 3 and CODE 2 incidents are included in the total count of incidents and the average Enroute to Onscene Time.

Incidents by Battalion, Station and Jurisdiction

			False Alarm	Medical	Other Fire	Other Misc	Public Service Assist	Res Fire	Standby	Traffic Collision	Vehicle Fire	Wildland Fire	Total	
Battalion 14	Station 16 Pedley	City of Jurupa Valley	0	1	0	0	0	0	0	0	0	0	1	
		Rubidoux Community Service District	0	1	0	0	0	0	0	1	0	0	0	2
		Station Total	0	2	0	0	0	0	0	1	0	0	0	3
	Station 18 West Riverside	City of Jurupa Valley	2	7	0	0	0	0	0	0	2	0	0	11
		Rubidoux Community Service District	1	6	0	0	0	0	0	0	1	0	0	8
		Station Total	3	13	0	0	0	0	0	0	3	0	0	19
	Station 38 Rubidoux	City of Jurupa Valley	10	76	3	0	5	1	4	8	8	0	1	108
		Rubidoux Community Service District	17	99	2	2	3	1	1	9	1	1	3	138
		Station Total	27	175	5	2	8	2	5	17	1	1	4	246
	Battalion Total			30	190	5	2	8	2	5	21	1	4	268
	Grand Total			30	190	5	2	8	2	5	21	1	4	268

*Incidents are shown based on the primary response area for the incident location. This does not represent total response times for all units only the first unit in.

Incidents by Jurisdiction

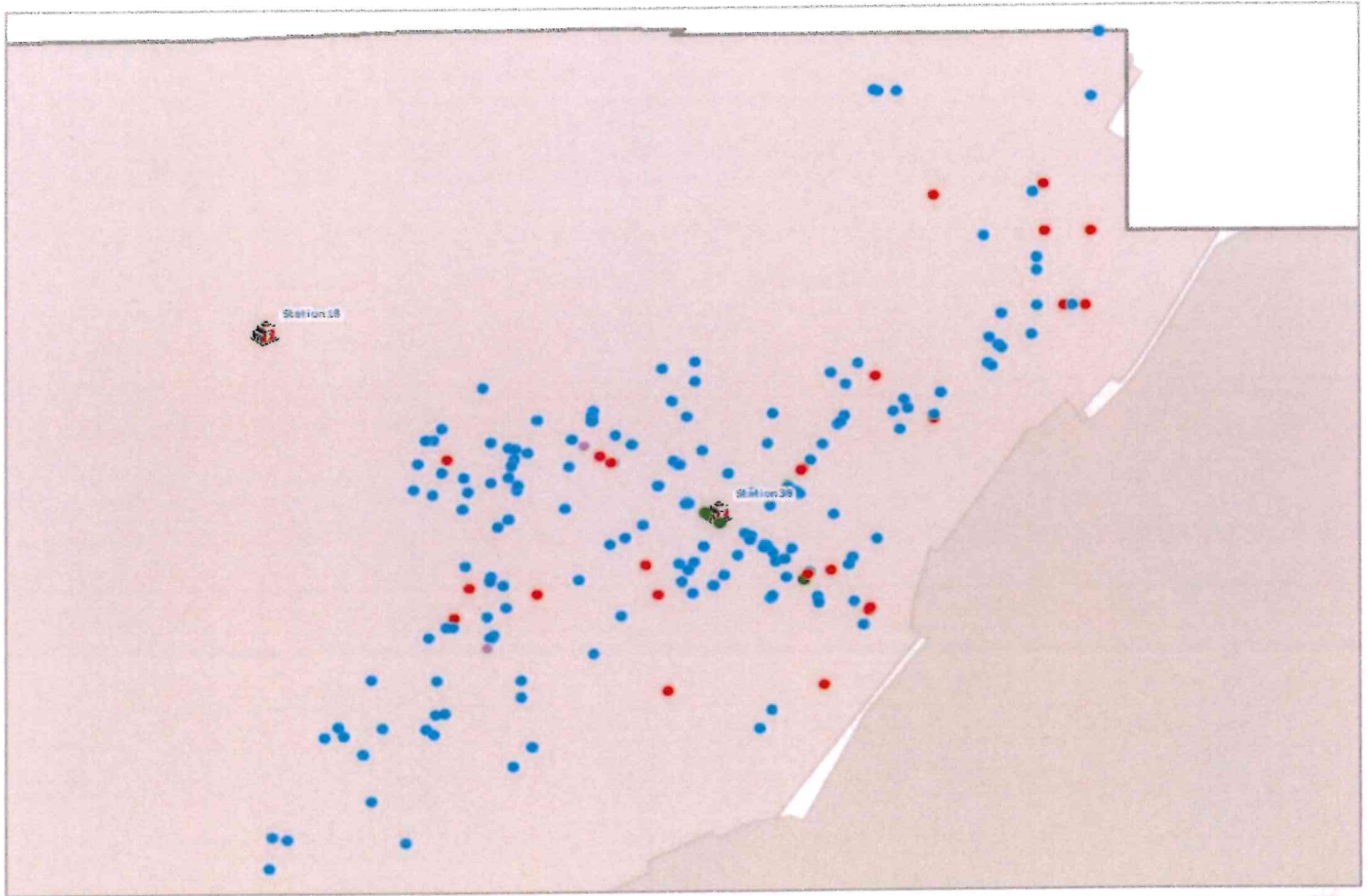
	False Alarm	Medical	Other Fire	Other Misc	Public Service	Res Fire	Standby	Traffic Collision	Vehicle Fire	Wildland Fire	Total
City of Jurupa Valley	12	84	3	0	5	1	4	10	0	1	120
Rubidoux Community Service District	18	106	2	2	3	1	1	11	1	3	148
Grand Total	30	190	5	2	8	2	5	21	1	4	268

*Incidents are shown based on the primary response area for the incident location. This does not represent total response times for all units only the first unit in.

Incidents by Supervisorial District - Summary

	DISTRICT 2 KAREN SPIEGEL	Grand Total
False Alarm	30	30
Medical	190	190
Other Fire	5	5
Other Misc	2	2
Public Service Assist	8	8
Res Fire	2	2
Standby	5	5
Traffic Collision	21	21
Vehicle Fire	1	1
Wildland Fire	4	4
Total	258	258

MONTH = 9 and YEAR = 2023 and SPECIAL = 'Rubidoux CSD'



Legend

- | | | | |
|---------|------------|------------------|--------------|
| Fire | Medical | Riverside County | Fire Station |
| Hazard | Other Misc | Reservations | Casinos |
| Haz Mat | PSA | | |



Riverside County Fire GIS

Last Updated 10/3/2023 2:

*Incidents are shown based on the primary response area for the incident location. This does not represent total response times for all units only the first unit in.

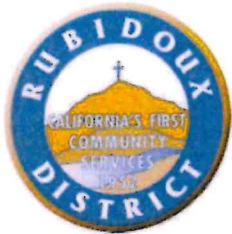
CAL FIRE/Riverside County Fire Department

Emergency Incident Statistics

September 2014 - September 2023



Rubidoux Community Service District



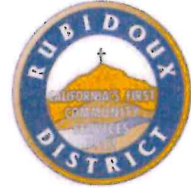
Total Calls for Rubidoux CSD September 2014-2023



<u>Month/Year</u>	<u>Total Calls for Station 38</u>	<u>Total Calls for District</u>
September 2014	205	219
September 2015	200	212
September 2016	216	234
September 2017	218	234
September 2018	246	246
September 2019	212	231
September 2020	240	252
September 2021	269	291
September 2022	287	298
September 2023	246	268



Riverside County Fire Department
 Office of the Fire Marshal
 Rubidoux Community Services District
 3590 Rubidoux Blvd
 Rubidoux, CA 92509
 Bus (951) 684-7580



Monthly Activity Report September 2023

<i>Activity</i>	<i>Total</i>
Total Number of Plan Reviews Completed	0
Plan Review Turnaround Time <i>(Goal is 15 Days)</i>	0
Total Number of Construction Inspections Conducted	0
Inspection Turnaround Time <i>(Goal is within 3 Days of Contact)</i>	0
Total Number of Annual Fire Inspections Conducted <i>(Including Reinspections)</i>	3
Number of Weed Abatement Inspections Performed	0
Planning & Development Meetings Attended	0
Planning & Development Cases Reviewed	0
Special Event Meetings	0
Special Event Inspections	2
850 Inspections	0
Complaints	1

7. **REPORTS** (continued)

C. General Manager and Staff Reports / Updates

7. **REPORTS** (continued)

D. Committee Reports

8. ACTION / DISCUSSION ITEMS

- A. **DM 2023-97:** Consider Award of Professional Services Contract for the Design of District Well 25, a Raw Water Pipeline from Well 25 to the Leland Thompson Plant and Upgrades to the Water Treatment Facilities at the Leland Thompson Plant

Rubidoux Community Services District

Board of Directors

Bernard Murphy, President
John Skerbelis, Vice-President
Armando Muniz
F. Forest Trowbridge
Hank Trueba Jr.



General Manager

Brian R. Laddusaw

Water Resource Management Refuse Collection Street Lights Fire / Emergency Services Weed Abatement

DIRECTORS MEMORANDUM 2023-97

November 2, 2023

To: Rubidoux Community Services District
Board of Directors

Subject: Consider Award of Professional Services Contract for the Design of District Well 25, a Raw Water Pipeline from Well 25 to the Leland Thompson Plant and Upgrades to the Water Treatment Facilities at the Leland Thompson Plant

BACKGROUND:

In May 2022, the Rubidoux Community Services District (“District”) Board of Directors (“Board”) adopted Resolution No. 2022-890, a Resolution which applied for a joint grant (“The Grant” or “Grant”) with Western Municipal Water District (“Western Water”) and Riverside Highlands Water Company (“Riverside Highlands”) under DM 2023-38. On July 10, 2023, Western Water received the Notice of Award of the Grant for which the District is a subrecipient from the United States Bureau of Reclamation (“USBR”) for the construction of Well 25 and related treatment facilities. This Grant only covers the cost of Construction. Preparation of Construction Documents is not reimbursable under the terms of the Grant.

Well 25 is a Master Planned Well Facility with an estimated cost in 2021, including associated treatment facilities, of approximately \$2,915,000 and this matching grant will pay 50% of the estimated cost of developing this well and associated treatment up to a maximum amount of \$1,457,500. The District has in its Fiscal Year 2023/24 (“FY 2023/24”) budget \$1,700,000 in the Water Capital Improvement (“Water CIP”) Budget line item #12 in anticipation of receiving the Grant.

As indicated in DM 2023-84, the Grant terms require the District to submit certain performance reports to USBR during construction of the well and related treatment and to award the contract for the construction by November 2024 with completion of the project by the end of September 2026.

Requests for competitive proposals were sent out to six engineering consultants: Hazen and Sawyer, Krieger and Stewart, Steve Andrews Engineering, Webb and Associates, West Yost Engineers and WSC Engineers.

Two of the consultants declined the work via emails which are attached. These firms are Hazen and Sawyer and WSC Engineers. Two other firms also declined the work via phone conversations. These firms are West Yost Engineers and Steve Andrews Engineering.

The District received proposals from only two consultants, namely Webb and Associates (“Webb”) and Krieger and Stewart (“K&S”). No other competitive proposals were received.

The scope of work is quite extensive, being to develop a new well site, a raw water pipeline from the new well to the treatment facility at the Leland Thompson Water Treatment Plant (“Thompson Plant”) and expansion of the Thompson Plant to treat the additional volume of water produced by the well. This project is expected to take three years to complete from the initial design to the final completion of bringing the well on-line, providing potable water to the District’s customers.

Webb’s proposal is \$739,388 and K&S’s proposal is \$746,000. Both proposals are from firms competent and knowledgeable of the District’s water system. After careful consideration of both proposals Staff determined even though both proposals were competitive, comprehensive and complete, Webb’s proposal included construction support of Contractor Submittals and Inspection during the course of the work and was also slightly cheaper. Staff recommends the District hire Webb to perform this critical task. The FY 2023/24 Water CIP Budget includes funding for the development of Well 25 in the amount of \$1,700,000 providing adequate funding for this effort. Payment for this effort will be phased based upon the phases laid out in Webb’s proposal, namely Well Design, Pipeline Design, Treatment Design and Construction Oversight. As this proposal has several components a phased Task Order approach is recommended by issuing separate task orders for each phase. It is also recommended to include a 10% contingency to the work to address any changes which may result in extra work during the design of this project. This is approximately \$74,000. The total amount authorized is therefore \$814,000. As this project is a Master Planned project, funding of this project would come from the District’s Water CIP Mainline (Capacity Fee) cash reserves account. As of October 16, 2023, this account has a balance of approximately \$2,600,000, which is more than sufficient to cover this scope of work.

Staff also realizes there may be additional unforeseen expenses with development of this well such as costs of determining the subsurface profile of the well and contaminants to be treated as well as having a quality assurance review of the design plans done in order to avoid unexpected costs during construction. Staff will return to the Board when these costs and efforts are known for additional authorization to do these important tasks.

RECOMMENDATIONS:

Staff recommends the Board of Directors consider the following:

1. Authorize the expenditure of up to \$814,000 on the design effort for Well 25 a raw water pipeline from the Well to the Leland Thompson Water Treatment Facility and associated treatment.
2. Authorize the General Manager to issue phased Task Orders to Webb and Associates in the total amount of \$739,388 for this work.

Respectfully,



BRIAN R. LADDUSAW, CPA
General Manager

Attach:

1. Proposals from both Webb and K&S
2. Emails Declining the Work from Hazen & Sawyer and WSC
3. Resolution No. 2022-890
4. DM 2022-38
5. DM 2023-84



August 9, 2023

Mr. Ted Beckwith, P.E.
Director of Engineering
RUBIDOUX COMMUNITY SERVICES DISTRICT
3590 Rubidoux Blvd.
Jurupa Valley, CA 92509

RE: Proposal for Engineering Services for the Well 25 Facilities

Dear Mr. Beckwith:

Albert A. WEBB Associates (WEBB) is pleased to provide you with this proposal for Engineering Services related to the Well 25 facilities, including preliminary and final design and construction support and inspection services for the well design, well equipping, raw water pipeline and treatment capacity upgrades at the Thompson Treatment Plant.

The detailed project understanding, scope of work and budget estimate are provided in attachments included herein.

The total amount requested for these services is **\$739,388**, not to be exceeded without prior authorization.

If you find this proposal acceptable, please notify our office so a contract agreement can be prepared. We appreciate this opportunity to be of service to your firm and look forward to hearing from you. If you have any questions regarding this proposal, please contact us at 951-686-1070.

Sincerely,

Bradley Sackett, P.E.
Senior Engineer

Bruce Davis, P.E.
Senior Vice President

Attachments: Detailed Project Understanding and Approach
Scope of Work
Budget Estimate

G:\Proposals\FORMAL PROPOSALS\Rubidoux Community Services District\016087 - Well 25 Proposal

Project Understanding and Approach

Rubidoux Community Services District (RCSD) plans to add an additional well (Well 25) to augment their water supply system. The proposed well site is located near the intersection at Mission Blvd and Daly Avenue.

The proposed well will be equipped with a vertical turbine pumping unit and electric motor along with electrical and SCADA equipment, on-site piping with automatic control valves, flow meter, off-site piping, pump to waste piping and site work. The site will also be equipped with a standby genset and automatic switch gear. The proposed well is located on an RCSD owned parcel and therefore no site acquisition will be necessary. The site work for the well will be customized for the site conditions and off-site work necessary. The well drilling work will be customized for the specific aquifer conditions at the site. The well equipping design for the well will require final determination of the pumping capacity and horsepower required once the well is developed and the hydraulic modeling is complete. The well will need a new electrical service which must be coordinated through SCE by the design team.

The proposed well will pump into a proposed raw water pipeline that will convey the flow directly into the Thompson treatment plant on 34th Street. Well pump system head curves will be determined as part of the project, typically when the hydrological conditions are determined in the well drilling phase. It is assumed for the purposes of this proposal that the contaminants found in water extracted by the proposed Well 25 will be the same as found in other wells and only the expansion of capacity of the existing treatment facilities will be required.

In summary, the WEBB team will provide the design and construction support services starting with preliminary design all the way through construction and start-up to deliver RCSD with a completely functional municipal water supply well. The project is broken down into four phases for Well 25:

- 1) Well Drilling Design
- 2) Well Equipping and Raw Water Transmission Pipeline Design
- 3) Treatment Plant Modifications
- 4) Well Drilling Construction Support and Inspection
- 5) Well Equipping / Raw Water Pipeline Construction Support and Inspection
- 6) Treatment Plant Modification Construction Support and Inspection

GENERAL APPROACH

Webb is proposing to offer RCSD the same consultant team that has successfully drilled, designed, and provided construction support and inspection services on numerous municipal well projects. The Webb/Kyle Groundwater Inc (KGI) team's experience working together will be an advantage to RCSD by providing seamless coordination and project management. The WEBB/KGI team will be joined by a comprehensive team of experienced sub-consultant specialists to provide RCSD a high-quality, cost-efficient work product. For contractual purposes, Webb will be the prime consultant and KGI will be the major sub-consultant for the well drilling phase and as such Webb will be responsible for project coordination throughout the duration of the project, although KGI will be the lead on the well drilling work and can essentially work

independently, requiring only occasional input and project management from Webb. This approach has been successfully implemented on a number of previous projects.

All work on the project will be performed from our main office in Riverside, close to the project site. The proposed well will be similar to other wells in RCSD's system with a wall surrounding the site and outside electrical facilities and a standby diesel generator with an automatic transfer switch. The proposed well can also include an on-site chlorine generation system, if deemed necessary during the preliminary design phase.

WEBB has extensive experience working on municipal well projects for multiple agencies and has assembled an experienced team that has worked together on previous projects for both the well drilling and the well equipping phase of the project. Kyle Groundwater has extensive experience with municipal water well drilling and innovative hydrogeological solutions for clients throughout Southern California. See qualifications for both firms in other sections of the proposal.

Kyle Groundwater will take the lead on the Well Drilling aspects of the project. Webb Associates will take the lead on the well equipping work supported by Design West on the electrical and SCADA design and electrical service coordination with SCE for the project and another sub-consultant for the geotechnical report for the well site and the potholing needed to complete the well equipping design work and design of the raw water transmission pipeline.

As part of the preliminary design. Kyle Groundwater will prepare the Preliminary Design Report (PDR) for the drilling design phase and Webb will prepare the well equipping, raw water transmission pipeline and treatment plant expansion Preliminary Design Report, the design survey, coordinate the geotechnical investigation and potholing. Once the preliminary design is complete, Kyle and Webb will each complete their respective designs and then compile the necessary bid documents for bidding and then provide bid support. Kyle Groundwater will provide field oversight and observations of the well drilling contractor, communication, and coordination with RCSD staff and contractor.

Once the well drilling has been completed and accepted by RCSD and the anticipated hydrological conditions are determined for the well, Kyle Groundwater and Webb will collaborate on the well pump selection to meet the project parameters.

Webb will confirm the hydraulic conditions of RSCD's existing conditions at the Thompson treatment plant by modeling the new wells to determine the hydraulic conditions for the well pump selection and impacts, if any, on the existing system. We will use the RCSD hydraulic model prepared for the master plan and add the necessary piping for the well and treatment facilities.

Webb will provide the equipping design of Well No. 25, the raw water transmission main and the treatment plant upgrades and then assist RCSD during the equipping phase with construction inspection and engineering support. It is assumed that RCSD will handle the construction management duties for the construction phase. Our budget for the construction support assumes that a competent and experienced contractor will implement the project in an expeditious and professional manner and no extraordinary issues are encountered during construction. Additional budget may be necessary if the contract work does not proceed in this manner.

WEBBs' general project approach during the design phase of the project is to identify the critical items associated with the project's successful implementation in the preliminary design phase and determine the most appropriate approach to resolve these issues efficiently to the client's satisfaction. Based on our experience in well equipping projects, the following are common critical issues WEBB will address during the design process:

Well Site Layout and Access

Webb is aware of the importance of a well thought out well site layout. The site layout will need to consider the access and available location for a pump rig and flatbed for pump installation and maintenance, proximity to adjacent properties, space for sound attenuation during drilling and adequate space for general maintenance by RCSD. Our preliminary layout will be discussed in detail with RCSD and provided in the preliminary design report.

Electrical Service Coordination

The proposed well site will require new electrical service plans for delivery of electrical power to the site. WEBB understands securing service plans takes time and can make receiving accurate costs from bidders sometimes difficult. Once the preliminary design report has been approved by RCSD, WEBB's electrical consultant, Design West, will work with Southern California Edison (SCE) to obtain the necessary electrical service design to be included in the contract documents.

Site Sound Attenuation and Well Maintenance

To ensure that the well facility complies with the noise requirements for the City, WEBB anticipates that temporary sound mitigation will be needed during the drilling operation and that permanent sound attenuation will be provided through the use of a block wall around the site that also provides security for the well equipment. Webb has been involved in many designs that require more aggressive approach including large sound barriers for the drilling or a block building with acoustical panels for the well equipment and even removable sections over the well head itself. If needed, Webb can tailor a building design to address any sound attenuation concerns as an optional item. Below are pictures of the acoustical panels used in the removable section of the City of Ontario's Well No. 49 required for sound attenuation.

Water wells require maintenance involving the use of typically two trucks, a truck mounted crane to remove the pumping unit and casing/lineshaft, and a flatbed truck to place the well casing/lineshaft. WEBB will work closely with RCSD staff to incorporate their needs and experience in well maintenance, and WEBB will incorporate RCSD's input into the well equipping design.



City of Ontario Well No. 49

CONSTRUCTION INSPECTION/HYDROGEOLOGICAL SERVICES

KGI will take the lead in construction inspection, submittal reviews and hydrogeological services during the well drilling phase. At the pre-construction meeting, KGI and WEBB will provide instruction and recommendations to the selected Contractor regarding construction sequence, priority equipment submittals, elaborate on key issues essential to the success of the project, answer any questions, and verify that the Contractor has a workable approach and a detailed construction schedule for the project, as well as a clear understanding of the work he is to provide.

During the Construction phase of the well drilling, KGI will review the Drilling Contractor's equipment submittals and ensure that all materials submitted by the Contractor conform with the contract plans and specifications.

CONSTRUCTION INSPECTION/SUPPORT FOR THE WELL EQUIPPING, PIPELINE AND TREATMENT

WEBB will take the lead in construction inspection, submittal reviews and construction support services during the well equipping, pipeline and treatment construction phases. At the pre-construction meeting, WEBB will coordinate with the selected Contractor regarding construction sequence, priority equipment submittals, elaborate on key issues essential to the success of the project, answer any questions, and verify that the Contractor has a workable approach and a detailed construction schedule for the project, as well as a clear understanding of the scope of work for the various phases.

WEBB will review all contractor submittals, RFI's and provide construction support services throughout the construction phase. WEBB will also provide construction inspection services for these phases. We anticipate full time inspection for only the buried facilities with other inspections will be based on the contractor's schedule on a part time basis as needed. We anticipate that the three phases of work (well equipping, raw water pipeline and treatment plant modifications) will all be implemented concurrently and therefore inspection time can be optimized.

Both KGI and Webb Associates have extensive knowledge of, and experience with, municipal and deep wells, associated pumping equipment, stand-by diesel generators, and the chlorine disinfection equipment. Our team is aware of the importance of complying with the contract documents and we are prepared to work closely with the driller, well-equipping contractor and the pump and motor suppliers to ensure that RCSD is getting the most efficient equipment.

During Project Closeout, our team will ensure that all construction is in accordance with the contract documents. We will coordinate with the equipment suppliers, specifically the pump manufacturer and the chlorine disinfection manufacturer if selected, in reviewing manufacturer's warranty statements to be provided to RCSD. Webb and the Contractor will perform the final inspection for the project. Upon successful completion of the final inspection, Webb will prepare and submit a written recommendation to RCSD for final acceptance of the project.

In the event that it becomes necessary for our team to re-design any portion of the project or provide engineering analysis, research or design work beyond the scope of this proposal for any reason, Webb will submit a request for Extra Services for written authorization from RCSD.

SCOPE OF WORK

The Webb/Kyle Groundwater team has reviewed the project as represented by RCSD, however, no formal RFP was issued by RCSD. The project is similar to other wells that the Webb/Kyle Groundwater team have worked on for many other agencies and therefore our scope of work and budget are based on our past experience with similar projects.

1.0 Project Management

1.1 – Kick off Meeting

Our team will prepare for and attend a kickoff meeting with Webb and RCSD personnel to discuss the proposed scope of work. The primary objective of the project kick-off meeting will be to meet face-to-face with key members of the project team to make sure that the intent, objectives, tasks, budgets, schedules, milestones, deliverables, and data needs are properly understood and addressed. The kick-off meeting also introduces and identifies those individuals responsible for implementing each part of the work and provides a forum for discussion of critical-path tasks, and how those tasks can be efficiently executed. Other meetings for bidding and construction support are included in other tasks.

1.2 – Design Workshops (three)

Workshop - Preliminary Design Report Review

Upon completion and delivery of the PDR to RCSD, Webb will conduct a workshop with RCSD Staff to discuss the design provided in the PDR and obtain RCSD's comments and recommendations for final design.

Workshops – Construction Document Review

Workshops will be held with RCSD staff at the 90% and 100% submittal stages. WEBB will prepare the agenda, facilitate the meeting, and prepare the meeting minutes. Comments received from City staff will be incorporated into the contract documents, as deemed within the scope of work.

In one of the two workshops, WEBB and our electrical sub-consultant, Design West Engineering, will meet with RCSD's Operations Staff to discuss RCSD's existing SCADA System in additional detail. Based on our previous well projects, the plans and specifications can detail the SCADA equipment to be provided by the selected well equipping Contractor and RCSD will provide the programming of the SCADA Equipment. WE anticipate that the contract documents will require that the well equipping contractor to assist RCSD as necessary to complete the field loop testing and programming of the PLC and HMI. WEBB's Project Manager, Shane Bloomfield, has worked closely on various well projects and will manage the interface between Webb, Design West, RCSD operations staff, and the contractor for a successful implementation.

1.3 – Monthly Coordination Meetings

WEBB will respond to emails and requests by the RCSD for project issues and updates. WEBB will lead to periodic meetings (monthly) for this purpose. Attendance at 12 monthly coordination meetings throughout the course of the project is allowed for within our proposal.

1.4 – Project Management

WEBB will perform the tasks necessary to proactively maintain the project scope, schedule, and budget, keeping the District informed throughout the project. WEBB will also prepare preliminary schedules for completing the equipping design and equipping of the well.

2.0 Survey and Utility Research

2.1 – Aerial Topographic Mapping – Well Site, Raw Water Pipeline Alignment, Treatment Plant Site

- Field locate and survey existing benchmarks, and establish survey datum for the project. Vertical datum shall be based on the North America Vertical Datum of 1988 (NAVD88).
- Coordinate with aerial subconsultant to set ground targets for aerial mapping of project limits shown in red Figure 1.
- Execute Aerial Survey Mapping of project alignment to map existing ground surface elevations and identify surface features within the affected project areas, including curb, gutter, pavement areas, sidewalk, utility appurtenances, structures, fence lines, and other existing visible features.
- Provide a minimum 1" = 40' scale digital aerial topographic survey of the affected project areas with one-foot contours.

2.2 – Field Topographic Surveying

WEBB will research record maps and perform the calculations necessary to locate survey monuments within the area of the proposed well site and pipeline alignment. WEBB' survey crew will perform a field survey and provide the following:

- Provide supplemental field topographic survey of the Thompson Plant area to obtain existing utility appurtenances (waterlines, meters, valves, fire hydrants, blow-offs, air valves etc.) as directed by the engineer/design team to supplement the aerial topography.
- Existing sewer and storm drain manholes will be photographed and dipped to determine invert elevations, and if possible, note the pipe sizes of the sanitary sewer/storm drain in/out of the manhole.
- Utilizing the aerial topographic data combined with the supplemental field topographic data, provide a topographic survey of the project areas with one-foot contours.
- Process and draft topography data and prepare electronic CAD files for the existing ground surface (FT) file, Civil 3D existing surface (TO) file and existing plan (XP) file for design teams use.

2.3 – Alignment/ROW Survey & Base Map

- Utilizing public records research tools, research and compile available reference materials pertaining to the properties, including reference Record Maps, Corner

Records, Tie Sheets, Vesting Deeds, Right-of-Way Deeds and Easement Documents, RCSD deeds to be provided by RCSD.

- Field locate and survey street centerline monuments and benchmarks, and establish horizontal survey control for the project. Horizontal control datum and basis of bearings shall be based on the California State Plane Coordinate System, NAD 83, Zone 6.
- Utilizing available record data obtained from public records research, together with copies of deeds provided by RCSD, calculate and plot the property boundaries and public right-of-way, for the Proposed Well 25 Site, Thompson Treatment Plant, and 34th St. & Daly Ave Pipeline Alignment depicted in Figure 1.
- Prepare a base map delineating property lines, existing public right-of-way, and assessor's parcel numbers obtained from our records research, field survey data, and documents provided by RCSD. Documents used to establish property/right-of-way lines will be noted.
- Prepare electronic CAD files for the existing property, right-of-way, and easement line work (PB file) and provide to the design team for use and reference in project design.

Note: This scope of work does not include the preparation and/or filing of a Record of Survey which may be required to be filed with the Riverside County Surveyor to establish existing property lines or set survey monuments which have not previously been shown on a record map. We anticipate that this work will be executed under a previously approved task order.

2.4– Pothole Survey

After potholing is complete, field survey crews will obtain horizontal location and elevation of pothole underground utility marking data (marked by pothole contractor) and used for reference in determining utility elevations. (Budget assumes 30 potholes and includes 1 – 8 -hour field day of field survey crew time)

Provide exhibits depicting pothole number, location, elevation, and horizontal coordinates.

2.5 Aerial Photogrammetric Survey

Inland Aerial will provide the aerial mapping of the proposed well site and the pipeline alignment.

Inland Aerial Surveys, Inc. will provide aerial topography using 40-scale accuracy with 1-FT contour intervals and 5-FT index contours. Aerial mapping will cover the well site and all impacted streets and 100-FT beyond intersections. We will identify and show the street configurations and utilities on construction drawings and supplemental field survey to prepare comprehensive pipeline construction drawings.

2.6– Potholing (30)

WEBB will utilize Underground Solutions to provide up to thirty (30) potholes to determine the vertical and horizontal location of utilities with the potential to conflict with the proposed discharge pipeline or pump to waste pipeline. Permits and traffic control needed to complete pothole operations are included in this proposal. Pothole activities will not start until a potholing exhibit has been provided to and approved by RCSD. The final number of potholes will be based on the approved potholing exhibit.

3.0 Preliminary Design

3.1 Coordination with RCSD

Paying special attention to the Preliminary Design is perhaps one of the most effective Project Management tools available, having enormous impact on both project quality and project budgetary performance. WEBB places tremendous importance on the Preliminary Design as it establishes a detailed definition of the project and refines the established schedule and budget.

The Preliminary Design is the roadmap for all subsequent design decisions on a project. It will be used by all of the project design team members in the development of the detailed design. This is the most critical time to dig deep into each design issue and come to a decision on how all of the details of the facilities will be designed. Changes at the Preliminary Design level are for easier to manage than changes late in the design process, both from a cost and quality standpoint.

The Preliminary Design gives us the opportunity to review each design detail efficiently and effectively with RCSD at the PDR Review Workshop. The PDR Workshop is a point in the project which is early enough that changes can be accommodated without impacting on the project design budget. This is an opportunity for the RCSD to have a real impact on project direction without a significant impact on the budget. This step plays an enormous role in success of the project.

3.2 Conceptual Plan

WEBB will develop up to two (2) conceptual layout plans for the well site for review and coordination with RCSD for input. Each option will be discussed in the preliminary design documents with the pros and cons of each alternative. The selected option will be selected for use in developing the final design documents.

3.3 Cost Estimate

WEBB will identify the bid schedule items and prepare preliminary cost estimates based on the preliminary design data for the well equipping and the construction of the transmission pipeline. WEBB maintains an extensive library of bid results for all projects it has designed or managed in order to provide a current database for construction cost estimates.

3.4 – Preliminary Design Report

As part of the preliminary design engineering, WEBB will prepare the necessary calculations, drawings, and exhibits as needed to support the final design to equip the well, construct the raw water pipeline and make the changes to the Thompson plant for the added well capacity. WEBB will summarize the results in a preliminary design report (PDR) for each area.

The preliminary design report for the well equipping will summarize supporting data for the following where applicable:

- Plant layout, showing well location, buildings to house equipment, disinfection equipment, standby power generation unit, electrical feed system, fence line, landscaping and any setbacks that may be required by the City of Jurupa Valley Planning Department;
- Preliminary selection of a well pump and electric motor;
- Preliminary selection of standby power generator;

- Discharge piping and connection to raw water pipeline;
- Preliminary selection of disinfection equipment;
- Preliminary meter control system;
- Preliminary earthwork;
- Preliminary electrical equipment selection;
- Operational description and SCADA;
- Preliminary architectural concept elevations;
- Preliminary construction cost estimate; and
- Any impacts on the operation of the water distribution system and other facilities in the area.

The preliminary design report for the raw water pipeline will summarize supporting data for the following where applicable:

- Proposed pipeline alignment;
- Preliminary selection of pipe materials;
- Preliminary pavement repair anticipated;
- Exhibit for recommended potholing;
- Permits Required; and
- Preliminary Cost Estimate

The preliminary design report for the treatment plant changes will summarize supporting data for the following where applicable:

- Plant layout, showing proposed improvements/changes to accommodate the added well capacity;
- Analysis of the treatment capacity increases (including on-site pipelines) needed for each treatment phase to accommodate the proposed Well 25;
- Preliminary selection of treatment equipment;
- Discharge piping and connections to onsite equipment at the Thompson Treatment Plant;
- Preliminary electrical equipment selection;
- Operational description and SCADA;
- Impact/Coordination with other planned improvements to be designed by others;
- Preliminary construction cost estimate; and

- Any impacts on the operation of the water distribution system and other facilities in the area.

3.5 – Geotechnical Investigation

WEBB will utilize the services of LandMark, Inc. for the purposes of preparing a geotechnical investigation for the project site. The investigation will provide design criteria for the block wall and other site work.

3.6 – Utility Research

WEBB will research to identify the location of all existing facilities in the immediate vicinity of the proposed well facility, transmission pipeline, and appurtenances from the RCSD records and other appropriate resources. The research will entail legal descriptions of the well property, collection of record drawings of conflicting utilities, fuel lines, power lines, and storm drain facilities for connection of the pump-to-waste lines.

4.0 Final Design – Well Equipping

4.1 Design Well Equipping Facilities

WEBB will prepare all demolition/site preparation, civil, grading, mechanical and structural drawings to support the well equipping phase. We do not anticipate a building for the well or electrical equipment. A sound attenuation enclosure could be included if needed for this work.

4.2 Electrical / SCADA Design

Design West will take the lead for the SCADA design for the various control loops and monitoring points as listed in the RFP. Design West will work closely with RCSD's operations staff to ensure that the SCADA design complies with current system requirements and standards and will be compatible during system integration and programming.

Design West Engineering will incorporate into the plans and specifications instrumentation and controls which will provide for manual operation of the well facility in the event of telemetry failure, or if delivery and installation of telemetry equipment will delay completion of the project.

The proposed well will be integrated into RCSD's existing SCADA system. Design West Engineering, after consultation with the RCSD, will specify the SCADA hardware required to be installed by the well equipping contractor. Seamless compliance with existing equipment and the SCADA system is important.

RCSD may also conduct a Radio Path study for the signal transmission from the well site to the other locations within RCSD's SCADA monitoring system.

4.3 Prepare Design (60%)

Building off the approved preliminary design engineering, WEBB will prepare a 60% design package. WEBB will incorporate the well equipping design for the well, the raw water transmission main and the treatment plant upgrades into a single bid package using the RCSD's standard format (RCSD will provide the "Format and Bid Documents).

To the extent the project requires technical specifications or standard drawings not covered by RCSD's standards or deviations from such, Webb will prepare all technical specifications and special provisions and the appropriate standard drawings to cover the necessary items in

accordance with RCSD's standards and requirements. WEBB will also prepare the bidding sheets including bid schedule and quantities. WEBB will reproduce and submit sets of plans and specifications as needed to all stakeholders, to other affected agencies/utilities (hard copy or electronically – preferred). The technical specifications will include the following:

- Contractor Qualifications
- Site conditions
- Permit and Local Requirements
- Piping and Appurtenances
- Well Disinfection Equipment, if needed
- Pumping Equipment
- Treatment Equipment
- Generator Equipment including fuel supply
- Electrical/Telemetry Equipment
- Site Grading and Improvements
- Testing and Disinfection

4.4 Prepare Final Design (90% and 100%)

After review of the 60% design, WEBB will prepare a 90% design package including plans and specifications addressing all previous comments and issues with a complete set of documents ready for final review. WEBB will submit any requested design calculations and catalog cuts of all selected/specified equipment in the 90% design submittal.

After the RCSD reviews and comments on the 90% submittal, WEBB will address remaining comments and prepare the 100% design package, ready for final signatures and bidding. An electronic copy will also be provided to RCSD containing the native files and PDF versions.

4.5 Cost Estimate

Upon completion of design and compilation of a detailed quantity estimate for the well equipping design, WEBB will prepare the engineer's estimate for bid advertisement. Note that procurement times due to current supply chain issues are changing rapidly as various materials have been impacted over the last few years. The situation is anticipated to remain volatile during the course of this design. Two items of special concern are the genset and the electrical panels and switchgear which currently have very long lead times.

5.0 Final Design – Pipeline

The well will pump into a new raw water transmission pipeline to convey water from the well to the Thompson Treatment plant. For the purposes of the proposal, approximately 3,000 L.F. of pipeline design is included.

5.1 Prepare Design (60%)

WEBB shall prepare 1" = 40' horizontal plan scale and 1" = 4' vertical profile scale drawings and 24-inches x 36-inches construction plans for the project. This scope assumes the pipeline shall consist of the pipeline length indicated above. Construction Plans List budgeted for this task item is as follows:

<u>Drawing Number</u>	<u>Drawing Title</u>
1	Title and Index Sheet
2	Street Sections and Notes
3-6	Plan and Profile
7-8	Details

5.2 Prepare Final Design (90% and 100%)

After review of the 60% design, WEBB will prepare a 90% design package including plans and specifications addressing all previous comments and issues with a complete set of documents ready for final review. WEBB will submit any requested design calculations and catalog cuts of all selected/specified equipment in the 90% design submittal.

After the RCSD reviews and comments on the 90% submittal, WEBB will address remaining comments and prepare the 100% design package, ready for final signatures and bidding. An electronic copy will also be provided to RCSD containing the native files and PDF versions.

Note that it is anticipated that this work will be incorporated into a single set of contract documents for the entire project.

5.3 Cost Estimate

Upon completion of design and compilation of a detailed quantity estimate for the pipeline design, WEBB will prepare the engineer's estimate for bid advertisement. Note that procurement times due to current supply chain issues are changing rapidly as various materials have been impacted over the last few years. The situation is anticipated to remain volatile during the course of this design.

6.0 Final Design - Treatment

6.1 Prepare Design (60%)

The Thompson Treatment plant must have enough treatment capacity for the added well. For the purposes of the proposal, WEBB has assumed that the basic treatment process type will not change, but only added capacity in the treatment processes and on-site pipelines will be required.

6.2 Prepare Final Design (90% and 100%)

After review of the 60% design, WEBB will prepare a 90% design package including plans and technical specifications addressing all previous comments and issues with a complete set of

documents ready for final review. WEBB will submit any requested design calculations and catalog cuts of all selected/specified equipment in the 90% design submittal.

After the RCSD reviews and comments on the 90% submittal, WEBB will address remaining comments and prepare the 100% design package, ready for final signatures and bidding. An electronic copy will also be provided to RCSD containing the native files and PDF versions.

Note that it is anticipated that this work will be incorporated into a single set of contract documents for the entire project.

6.3 Cost Estimate

Upon completion of design and compilation of a detailed quantity estimate for the treatment plant improvements, WEBB will prepare the engineer's estimate for bid advertisement. Note that procurement times due to current supply chain issues are changing rapidly as various materials have been impacted over the last few years. The situation is anticipated to remain volatile during the course of this design.

7.0 Bid Support

7.1 Attend Pre-Bid Meeting

WEBB will attend the pre-bid meeting in the field, if needed, to provide support to RCSD.

7.2 Prepare Addenda (2)

WEBB will respond to bidders' questions when requested by RCSD and prepare formal addenda (up to 2) as needed for the project.

7.3 Bid Analysis

WEBB will assist RCSD in advertising, soliciting, tabulating, and evaluating bids for drilling and equipping the new well. The bid package will include but not be limited to:

- Bid proposal,
- Construction Plans, Specifications, Special Provisions,
- Copies of Permits and any other required documents

WEBB team will provide a list of qualified bidders to RCSD. WEBB will make the bid documents available on various bidding platforms, conduct the pre-bid meeting, prepare and distribute addenda, and make a final recommendation to RCSD for the award of the construction contract.

7.4 Conformed Documents

WEBB will prepare a conformed set of documents for the well equipping, transmission pipeline and treatment plant improvements at the conclusion of the bidding phase that incorporate all the addenda or clarifications issued during the bidding phase. WEBB will provide an electronic set of plans and specifications to RCSD for distribution to the selected Contractor.

8.0 CEQA Documentation

WEBB's scope of services includes all of the tasks necessary for the preparation and CEQA process associated with an Initial Study (IS) assumed to support a Mitigated Negative Declaration

(MND) for the proposed Well 25 Improvements. We understand the Project to be evaluated in a CEQA document would be the following:

- a. Well drilling and equipping of Well 25 at a district owned site at the intersection of Mission Blvd and Daly Avenue in Jurupa Valley.
- b. 12-in diameter pipeline along Daly Ave and 34th Street in public right-of-way to their Thompson Treatment Plant (about 2200 lf +/-)
- c. Additional treatment facilities (GAC Vessels, IX Vessels) on an existing treatment site and possibly on an additional parcel to be acquired.

The details of the exact areas of impacts, and the boundaries of the additional parcel if added, will need to be known prior to the start of any of the CEQA work or technical studies outlined below. Additional scope and budget may be required should this information highlight areas not covered in this Scope document.

CEQA Technical Studies

The analysis in the IS/MND will be supported by technical studies for air quality/greenhouse gas/energy, biological resources, and cultural resources (including paleontology).

8.1 Air Quality Studies

WEBB will prepare an Air Quality/Greenhouse Gas (AQ/GHG) Analysis in accordance with the South Coast Air Quality Management District (SCAQMD) requirements. The analysis will:

1. Calculate emissions from construction and operational activities using the SCAQMD-recommended CalEEMod (version 2022.1) program;
2. Prepare a regional significance threshold analysis as well as a localized significance threshold analysis using the LST Look-Up Tables, per SCAQMD requirements;
3. Compare project emissions to SCAQMD draft GHG thresholds; and
4. Analyze model results and incorporate mitigation measures, as appropriate, into the computer model. It is assumed all modeling assumptions will be approved by the RCSD prior to the commencement of any modeling and that all data required will be readily available and provided by the RCSD.

A technical memorandum will summarize Project-related emissions, identify potential impacts from the Project, and recommend mitigation measures to reduce those impacts, as appropriate. WEBB will also calculate the energy consumption from both construction activities and long-term energy usage, if applicable, associated with the proposed Project. Energy calculations will be presented in tables and included under separate cover. This scope includes revisions from one round of RCSD comments that are editorial in nature.

8.2 BTR and Field Study

WEBB will conduct a comprehensive biological habitat field assessment and prepare a Biological Technical Report (report). The first step will involve conducting a thorough literature review of the Project area to identify sensitive biological resources present or potentially occurring within the project site. The literature review will encompass a wide range of relevant sources, including the MSHCP, the California Natural Diversity Database (CNDDDB), the USFWS Information for Planning and Consulting (IPAC) database, the California Native Plant Society (CNPS) Inventory of Rare and Endangered Plants, and the USFWS Wetlands Mapper.

Subsequently, a comprehensive biological field assessment survey will be carried out, with particular emphasis placed on identifying sensitive biota and habitats, vegetation communities, and potential jurisdictional waters within the Project footprint. WEBB will then compile all the gathered information into a Biological Technical Report, which will include an MSHCP Consistency Analysis Report. This report will encompass a detailed discussion on all biological resources found within the Project site, potential impacts, and suggested mitigation, if any, to offset Project related impacts. The report will also contain discussion on the Projects compliance with the MSHCP.

For review, WEBB will submit one electronic copy of the draft Biological Technical Report. After considering and incorporating one round of compiled comments, WEBB will provide a final version of the report, which will be submitted electronically.

Focused Burrowing Owl Survey(s) and Report (Optional – not in budget)

If habitat for burrowing owls is identified in the Project footprint during the site visit conducted during the biological field assessment, and is identified within 500-feet of the Project site, focused burrowing owl surveys will need to be conducted.

The surveys will consist of site visits on four separate days by a qualified biologist in accordance with the Staff Report on Burrowing Owl Mitigation (DFG 2012). Focused burrowing owl surveys will consist of 4 survey visits; with at least one site visit between 15 February and 15 April, and a minimum of three survey visits at least three weeks apart between 15 April and 15 July, with at least one of those visits after 15 June. After completion of the burrowing owl surveys, a final survey report in accordance with the standards as set forth in Appendix D of the Staff Report on Burrowing Owl Mitigation (DFG 2012) will be prepared. Appropriate maps showing burrow locations and habitat surveyed will be included.

8.3 Cultural Study

South Environmental will be a subconsultant to WEBB to provide the cultural resources assessment needed for the CEQA document. South Environmental' document will also be used by RCSD to conduct the AB52 Tribal Consultation Process.

Task 1. CHRIS Records Search

South Environmental will request a California Historical Resources Information Systems (CHRIS) records search of the project site and a one-half-(0.5)-mile radius from the Eastern Information Center (EIC), which houses cultural resource records for Riverside County. The purpose of a records search is to identify any previously recorded cultural resources; review historical maps of the Project area; review the Archaeological Determinations of Eligibility lists; and gather information on ethnographies. In addition, South Environmental will review the lists for the National Register of Historic Places (NRHP), the California Register of Historical Resources (CRHR), and the lists of California State Historical Landmarks, and California Points of Historical Interest. We assume the direct costs associated with the records searches will not exceed \$1,000.

Task 2. Sacred Lands File Search and Coordination

South Environmental will contact the California Native American Heritage Commission (NAHC) for a review of their Sacred Lands File. The NAHC will determine if any NAHC-listed Native American sacred lands are located within or adjacent to the project area. In addition, the NAHC will provide a list of Native American contacts for the project who should be contacted for additional information. South Environmental will prepare and email a letter to each of the NAHC-

listed contacts, requesting that they contact us if they know of any Native American cultural resources within or immediately adjacent to the project area. This Native American coordination process is for project informational purposes only and does not constitute compliance with Assembly Bill (AB) 52.

Task 3. Assembly Bill 52 Assistance

South Environmental will assist the District with its AB 52 obligations, including drafting consultation letters and completing follow-up emails and phone calls to tribes requesting consultation on the project. We assume that all consultation letters will be mailed to applicable tribes by the District (not the consultant) in the spirit of government-to-government consultation. We further assume attendance at no more than one (1) virtual meeting lasting no more than two (2) hours.

Task 4. Paleontology Records Search

South Environmental will contact the San Diego Natural History Museum to conduct a paleontology records search of the proposed project area. The results will contain a map and letter indicating paleontological sensitivity and any known fossil localities within the proposed project area. No additional paleontological analysis will be conducted as part of this scope of work. We assume a direct cost of \$400 for the paleontological records search.

Task 5. Survey

Upon receipt of the records search results, South Environmental will conduct an intensive-level archaeological survey of portions of the project site with ground surface visibility. Paved/developed portions of the project site will not be surveyed. The survey will require one (1) archaeologist working no more than one field day. We assume that the survey will be negative for archaeological resources (i.e., no newly discovered archaeological resources will be encountered, and no previously recorded resources will require updates). No artifacts, samples, or specimens will be collected during the survey. Should any resources be identified as a result of the records search or survey requiring recordation or collecting, we will work with you to augment this scope of work and associated costs. We further assume that a Native American monitor is not required during the survey.

Task 6. Cultural Resources Assessment

South Environmental will prepare a cultural resources assessment in the form of a technical report that will summarize the results of the records search, Native American coordination, and survey and research methodologies. The report will also discuss the proposed project description, regulatory framework, all sources consulted, and will provide recommendations for appropriate management. The report will also analyze the proposed project's potential to impact historical and archaeological resources under CEQA and will provide mitigation measures, if appropriate. We assume no more than two drafts and one final version of the report will be required. We further assume no hard copies are required. The first draft will be provided within 4 weeks of receipt of all records search results.

8.4 CEQA Initial Study/Mitigated Negative Declaration, Mitigation Monitoring and Reporting Program, Final MND, NOD

WEBB will prepare an IS/MND with explanatory text for all topical issue areas, in compliance with the requirements of CEQA, the 2023 State CEQA Guidelines.

WEBB will produce electronic copies of the Screencheck IS/MND for the RCSD and its legal counsel's review and approval; we have included two rounds of revisions per RCSD and legal counsel review. WEBB will prepare the Notice of Completion (NOC) and Document Transmittal Form and Notice of Intent (NOI) on behalf of the RCSD. We assume the RCSD will handle all the CEQA postings with the State Clearinghouse and County Clerk as well as disseminate the NOI to any interested parties.

We expect mitigation measures will be identified to reduce potential impacts to less than significant, and therefore a mitigation monitoring and reporting program (MMRP) will be required per Section 15097 of the State CEQA Guidelines. The MMRP will consist of a matrix that identifies, for each impact category (e.g., air quality, noise), mitigation measures, timing for implementation, the party responsible for implementation, and the method of reporting or monitoring to be used. WEBB will prepare a screencheck MMRP for the RCSD and its legal counsel review and incorporate one round of revisions.

WEBB will review and prepare responses to comments received during the 30-day public comment period and prepare the Final IS/MND incorporating response to comments, final MMRP and technical appendices. This task includes preparation of responses from no more than 5 commenting agencies/individuals and no more than 20 individual comments that require answers other than "comment noted." Should excess comments be received, additional budget may be required before commencing work.

All documents will be provided electronically to the RCSD and its legal counsel for its use and reproduction for any public hearings.

WEBB will prepare the Notice of Determination (NOD) for the RCSD to post and pay filing fees.

8.5 CEQA Meetings and Coordination

This Task includes up to 56 hours of time for WEBB's Environmental Team to meet and coordinate with RCSD staff, but also with WEBB's Engineering team working on this Project. This task also includes creating and maintaining a CEQA schedule as well as coordination and management of the technical study teams. If hours for this task are exceeded, additional authorization will be required in order to proceed with the CEQA process.

9.0 Services During Construction

9.1 Office Engineering and Support

Our team will provide general contract administration and general office engineering and consulting services during the construction phase of the project. The project team will prepare for and attend a pre-construction meeting and site walk with RCSD personnel, and the selected drilling contractor to establish the final location of the well and address any logistical issues with equipment setup. Discussion will also include, but not be limited to submittals, permit requirements, noise mitigation, discharge issues, construction water source location, site access, work schedules, submittal of pay requests, and communication protocol. KGI will prepare necessary portions of the pre-construction meeting agenda and provide assistance with meeting minutes. During the construction phase, KGI's project manager will provide construction management support, project schedule review, and regular construction updates. A submittal log will be prepared and presented at the preconstruction meeting and will include required submittals, and the phase and/or date due. This log will be updated regularly.

Contractor submittals, shop drawings, and mill testing results will be reviewed for conformance to the technical specifications and contract plans, and other documents and will be reviewed with RCSD personnel and formally responded to by providing two (2) copies of both draft and final responses. Our team will review up to twenty (20) shop drawings and submittals and up to ten (10) submittals. An up-to-date submittal log showing the status of all submittals will be provided at each meeting. This will allow tracking of outstanding submittals, identify whose “court” the submittal is in, and avoid delays to the project.

It is anticipated that RCSD will provide the Construction Management Services for this project.

9.3 – Construction Schedule

WEBB will review the contractor’s construction schedule throughout the project duration as required by the contract documents. The construction schedule will be used as the basis for supporting the work for both office and field inspections.

9.4– Review Contractor Submittals

WEBB will review equipment and material submittals and provide feedback to the contractor upon review of the submittal documents. A response will be provided to the contractor for each submittal within 14 days of receiving the document. A secondary review of the submittal is budgeted in this task. A third review and any additional reviews of the submittals will be additional scope.

9.5 – Review Request for Information

WEBB will review and respond to up to twenty (20) contractors submitted requests for information (RFI). Each RFI will be reviewed and responded to within 10 days of receiving the RFI from the contractor.

9.6 Record Drawing Preparation

Construction details will be recorded during the course of the project and will be utilized during preparation of the revised record drawings. Updates to the record drawings will be made at the completion of construction and will include all field changes.

WEBB will prepare final set of record drawings for the Well Equipping work at the conclusion of the construction phase that incorporate all work as constructed in the field by the contractor considering the conformed plans, the contractor’s red-lines, the inspection reports and data, approved change orders and other changes incorporated into the construction work.

10.0 Construction Inspection

10.1 – Construction Inspection of Well Equipping

Based on our anticipated construction schedule and activities which will need inspection during the well equipping phase, WEBB has estimated the inspection services needed for the project. The work will include other aspects of inspection including electrical inspection (green tag), electrical inspection and oversight and commissioning, and mechanical / piping inspection whenever the contractor is working on the site. Our budget is based on the assumption that a reasonable and experienced contractor will be implementing the project. We do not anticipate full time inspection for this phase. Compaction testing will be provided by others.

10.2 – Construction Inspection of Pipeline

Based on our anticipated construction schedule and activities which will need inspection during the raw water pipeline phase, WEBB has estimated the inspection services needed for the project. Our budget is based on the assumption that a reasonable and experienced contractor will be implementing the project. We do not anticipate full time inspection for this phase, however any buried construction will be inspected on a full time basis. Compaction testing will be provided by others.

10.3 – Construction Inspection of Treatment Plant

Based on our anticipated construction schedule and activities which will need inspection during the treatment plan phase, WEBB has estimated the inspection services needed for the project. The work will include other aspects of inspection including, electrical inspection and oversight and commissioning, and mechanical / piping inspection whenever the contractor is working on the site. Our budget is based on the assumption that a reasonable and experienced contractor will be implementing the project. We do not anticipate full time inspection for this phase. Compaction testing, when needed, will be provided by others.

11.0 Permitting

WEBB will obtain approvals and permits for the proposed work. Most of the key permits will be obtained by KGI as part of the well drilling phase. Additional permits and approvals include but are not limited to City of Jurupa Valley Encroachment Permit, SCAQMD for the emergency genset, SCE for the electrical service plan and DDW review and system operating permit amendment.

11.1 City of Jurupa Valley Encroachment Permit

WEBB will prepare and submit the application for the City of Jurupa Valley Encroachment permit.

11.2 SCAQMD Genset Permit

WEBB will prepare and submit the SCAQMD application for the proposed genset and coordinate with SCAQMD obtain approval and the permit to construct. We anticipate selecting a genset from the pre-approved list to streamline the permitting process. RCSD may want to consider pre-purchasing this item for contractor installation.

11.3 DDW System Operating Permit

WEBB will work with RCSD Staff in obtaining a permit for the modifications to the system operating permit for the new well and the treatment plant capacity changes by providing the technical information necessary for the permit applications. It is anticipated that RCSD will take the lead on this coordination as the agency responsible for the system operating permit.

12.0 Hydrogeological Support Services

12.1 Project Management and Meetings

KGI will conduct general project administration, including QA/QC, and monitoring of the project schedule and budget. We will prepare for and attend a kickoff meeting with RCSD personnel to discuss the proposed scope of work, and will also attend up to two (2) progress meetings, as necessary. Additional meetings, such as pre-bid, pre-construction, zone test, and design meetings are included under their respective tasks.

12.2 Permitting Support

Assist with DDW Domestic Water Supply Permit Amendment

It will be necessary to amend RCSD's existing California Division of Drinking Water (DDW) Water Supply Permit pursuant to California Health and Safety Code, Division 104, Part 12, Chapter 4 (California Safe Drinking Water Act), Article 7, Section 116550, such that the proposed well can be permitted as an approved drinking water source. This process will typically require the following submittals, some of which will be provided following well drilling and equipping:

- Completed permit amendment application form.
- Drinking Water Source Assessment Program (DWSAP) documents.
- CEQA documentation.
- Well drilling plans & specifications.
- Well plot map.
- Horizontal distances table.
- County well drilling permit.
- Groundwater quality (Title 22) reports.
- Aquifer pumping test data.
- Final well data sheet.
- As-built plans.
- Chlorination data sheet.
- Department of Water Resources (DWR) water well driller's report.

It is recommended that DDW be contacted during the pre-design phase as early coordination with DDW has proved a critical factor in mitigation of site-specific conditions, and to ensure that permitting issues do not delay the well installation process. KGI will support Webb and RCSD during this process, including completion of the application, preparation of DWSAP documents (see Task 2.2), well drilling plans and specifications (see Task 4.1), a plot map and horizontal distances table, Title 22 groundwater quality (Task 5.13), aquifer pumping test data (Task 5.17), final well data sheet (Task 2.1), as-built plans for the well (Task 6.1), and the DWR water well driller's report. It should be noted that the domestic water supply permit amendment process will not be complete until the new well has been constructed, equipped, and tested. It is assumed that others will be responsible for any required permit fees.

Prepare DWSAP Documents

KGI will prepare preliminary Drinking Water Source Assessment and Protection (DWSAP) documents for the proposed well in support of the domestic water supply permit amendment (see Task 2.1). Preparation of the DWSAP documents requires identification of all Potentially Contaminating Activities (i.e., PCAs) within two, five- and ten-year protection zones. These protection zones will be delineated using the modified calculated fixed-radius method, taking into account local groundwater flow direction, anticipated well construction details and pumping capacity, and aquifer parameters. These protection zones will be presented in map form along

with identified PCAs. Those PCAs that are identified as posing the greatest environmental risk to the proposed well (if any) will be summarized in a ranked vulnerability inventory and assessed within the DWSAP documents.

The preliminary DWSAP documents will be submitted to RCSD in electronic (i.e., PDF) format for review and ultimate forwarding to the State Water Resources Control Board (SWRCB). Once the well has been completed and tested, the preliminary DWSAP documents will be updated to reflect actual conditions (i.e., aquifer information, well as-built details, and pumping dynamics) and current PCAs. Final DWSAP documents will be submitted to RCSD in electronic format along with three (3) bound hard copies.

CEQA Support

KGI will support the Webb and RCSD in providing hydrogeological and well drilling information needed to prepare the necessary CEQA documentation. It is assumed that environmental documents will be prepared by others, and that RCSD will act as lead agency and will pay any required permit and/or filing fees.

Riverside County Drilling Permit

The drilling permit application filing and associated fees will be the responsibility of the drilling contractor. However, prior to filing the application it is typically necessary to coordinate with DDW and the County to avoid unexpected delays. This may include attendance at a site meeting to discuss the proposed location of the well, the conceptual well design, control-zone requirements, and required sanitary setbacks.

12.3 Site Assessment and Preliminary Well Design

KGI will assess the proposed well site in terms of hydrogeological, logistical, and regulatory feasibility and constraints. This will begin with a request information from RCSD regarding existing wells, including, but not limited to, location, construction details, well logs, production histories, pumping dynamics, aquifer test data (if available), pump efficiency test reports, groundwater elevations, and groundwater quality. KGI will also visit the proposed well site to identify and assess any logistical and permitting issues that may need to be addressed. This information will be incorporated into a PDR for the proposed well that will serve as a planning document prior to entering the permitting and design phase. The PDR will provide a summary of hydrogeologic setting, anticipated groundwater quality, nearby sites of environmental concern, groundwater elevations, production potential, construction constraints, logistics and conflicts, regulatory issues, and permitting constraints. Logistical constraints may include site access, available space for drilling, overhead obstructions, aboveground and underground utilities, location of the construction water source, potential waste water discharge options, noise constraints, and potential permitting constraints (i.e., sanitary setbacks, control zone requirement, discharge requirements, etc.) A high-level water level interference analysis will be included to assess the estimated magnitude of water level interference between the new well and any existing nearby active wells. A preliminary production well design will be prepared based on existing information, including a basis of design and planning-level estimate of contractor costs.

KGI will submit an electronic copy of the PDR to RCSD at the 100% DRAFT stage for review and comment. Upon incorporation of comments, KGI will submit an electronic copy of the 100% FINAL PDR in addition to three (3) bound hard copies.

12.4 Well Drilling Plans and Technical Specifications and Bidding

Prepare Well Drilling Plans and Technical Specifications

KGI will prepare detailed technical plans and specifications for drilling and construction of the new well, assist the RCSD with modification of front-end contractual documents, and prepare detailed bid schedules with specific line items showing units and unit quantities for the work. Engineer's estimates of construction costs will be prepared based on recent winning bids and materials costs for similar work within the Southern California area. Critical items to be included in the technical specifications will include the following:

- Site requirements (i.e., noise monitoring and mitigation, dust control, air quality monitoring, waste disposal, BMPs, power, lighting, construction water source, security, sanitation facilities, staging, parking, and traffic control).
- Regulatory and permitting requirements.
- Discharge requirements.
- Well location, depths, dimensions, and materials (conceptual well design).
- Anticipated hydrogeologic conditions.
- Mobilization, demobilization, site preparation, and site restoration.
- Drilling methods and fluids control requirements.
- Equipment, materials, and records to be furnished by the Contractor.
- Well drilling, zone testing, and construction procedures, including:
 - Conductor casing and sanitary seal installation.
 - Pilot borehole drilling.
 - Geophysical borehole logging.
 - Isolated aquifer zone testing.
 - Borehole reaming.
 - Alignment, plumbness, borehole integrity, and drilling speed.
 - Installation of well casing, screen, and ancillary tubing.
 - Gravel envelope design and placement method.
 - Annular cement seal installation.
- Well development procedures (initial and final).
- Aquifer pumping and recovery tests.
- Flowmeter survey.
- Title 22 groundwater quality.
- Downhole video camera, plumbness, and alignment surveys .
- Well disinfection.
- Well head completion.

KGI will submit a 100% DRAFT version of the plans and specifications to RCSD in electronic format for review and comment. Upon incorporation of comments, a 100% FINAL bid-ready version will be provided in native and PDF formats, including professional stamps and signatures.

Bidding Assistance

Upon entering the bid phase, KGI will prepare for and attend a pre-bid meeting with RCSD, Webb, and prospective drilling contractors to discuss key points within the technical plans and specifications, and to answer questions regarding site conditions, staging, preliminary well design, schedule and other hydrogeologic or contractual matters. During the bidding process, KGI will

respond to bidder's questions and prepare bid addenda as necessary (assumes up to three [3] RFIs and addenda). Once the bidding process is complete, KGI will evaluate bids and will provide recommendations regarding award.

12.5 Construction Management and Inspection

Construction Coordination & Support

KGI will conduct a pre-construction meeting and site walk with RCSD, Webb, and the selected drilling contractor to establish the final location of the well and address any logistical issues with equipment setup. Discussion will also include, but not be limited to submittals, permit requirements, noise mitigation, discharge issues, air quality monitoring, construction water source location, site access, work schedules, submittal of pay requests, and communication protocol. KGI will prepare a preconstruction meeting agenda and minutes, as necessary. During the construction phase, KGI's project manager will provide construction management support, including contractor submittal review, response to RFIs and RFCs, change order review, project schedule review, contractor progress payment request review for accuracy, and regular construction updates.

Installation of Conductor Casing and Sanitary Seal

KGI will provide full-time inspection during drilling of the conductor borehole and installation of the conductor casing and sanitary cement seal to an anticipated depth of 50 feet below ground surface (bgs). KGI will inspect the conductor casing material, borehole and casing diameters, and casing wall thickness to verify conformance with the technical specifications and final design. The cement mix used for the sanitary seal will be compared to design and the time of mixing will be noted to ensure that an extended period has not taken place between mixing and delivery to the site. Cement samples will be collected during installation and submerged in drilling fluid to simulate downhole conditions. These samples will be monitored to ensure that the cement has sufficiently set, particularly when multiple cement pours are specified. Additionally, KGI will coordinate with the drilling contractor and the County inspector to ensure that the sanitary seal is in conformance with County and State regulatory requirements.

Pilot Borehole Drilling

KGI will provide part-time inspection during drilling of the pilot borehole to an anticipated depth of approximately 100 feet bgs. Composite formation cuttings will be collected at 5-foot intervals or at major changes in the character of formation materials. Each sample will be classified utilizing the Unified Soil Classification System (USCS) visual method. During drilling, KGI will witness measurement of pertinent drilling fluid parameters to optimize protection of water-bearing formations and borehole integrity. Additionally, KGI will witness a borehole drift survey at 80 feet bgs to confirm borehole verticality. Assuming an average drilling rate of 10 feet per hour, and a 24-hour per day work schedule, it is anticipated that borehole drilling will take approximately two (2) days to complete.

Geophysical Logging

Upon completion of pilot borehole drilling, KGI will provide full-time inspection services of downhole geophysical borehole logging for the following anticipated geophysical suite:

- Short- and long-normal resistivity
- Focused resistivity (i.e., Laterolog-3 or guard)

- Temperature
- Spontaneous-potential
- Single-point resistance
- Gamma-ray
- Sonic velocity / variable density

These geophysical logs, in combination with borehole lithology, will be used to identify target aquifer intervals for isolated aquifer zone testing, and will inform the final well design.

Select Isolated Aquifer Zone Test Intervals

KGI will review borehole lithology and geophysical survey logs, and will select one (1) 20-foot aquifer interval for isolated aquifer zone testing, to confirm general groundwater quality and verify that there are no unexpected constituents of concern present within the aquifer. This interval will be presented to RCSD in electronic letter format within 24 hours of the completion of geophysical logging. Upon approval by RCSD, the recommended zone test interval will be provided to the drilling contractor for field implementation.

Isolated Aquifer Zone Testing

KGI will provide part-time inspection during isolated aquifer zone testing and will provide close monitoring during construction and testing of the zone. We recommend that zone testing be performed at discharge rates exceeding 200 gallons per minute (gpm), if possible, to ensure that representative sampling of the aquifer is taking place and that the aquifer is being sufficiently stressed to provide the best possible field data. It is further recommended that turbidity measurements taken from pumped groundwater be less than 10 nephelometric turbidity units (NTUs) for at least three hours prior to collecting water quality samples.

After the zone has been appropriately developed to the satisfaction of KGI, groundwater samples will be collected and delivered to a State-certified water quality testing laboratory for analysis. For cost estimating purposes, it is assumed that the drilling contractor will contract with the laboratory directly and will be responsible for laboratory fees. Field water quality measurements will be collected during pumping and at the time of sample collection, including pH, temperature, electrical conductivity, dissolved oxygen, total dissolved solids, and turbidity. The recommended water quality analytical suite will be presented to RCSD for approval prior to implementation. It is recommended that groundwater quality samples be analyzed on a 72-hour (i.e., 3-day rush) turn-around-time as the results of these analyses will be integral for determining the final well design. Instantaneous discharge rate, and static and pumping water levels, will also be measured frequently during pumping of each zone to allow an assessment of aquifer pumping dynamics (including pressure head and specific capacity).

Mechanical Grading Analysis

Up to four (4) formation samples will be selected for mechanical grain size (i.e., sieve) analysis based on visual observation of the actual samples, and geophysical survey logs. The results of these analyses, along with knowledge of regional aquifer characteristics, will be used as a basis for preparing a custom gravel envelope and well screen design for the production well that will offer optimal well efficiency, enable effective well rehabilitation and redevelopment efforts, and allow for extended operational life.

Final Well Design

A properly designed gravel envelope will control production of formation sand while allowing for a highly efficient pumping well. Proper gravel envelope design can be accomplished through conformance with Terzaghi migration and permeability criteria, as well as appropriate uniformity coefficients and pack-to-aquifer ratios. These factors allow design of a gravel envelope which is sufficiently fine and graded to control the finest formation sand through stabilization, and coarse and uniform enough to allow efficient water flow. Once an appropriate gravel envelope gradation has been designed to complement the formation materials, a screen opening size is selected to stabilize the gravel envelope. The gravel envelope gradation will be designed based on the results of sieve analyses.

The location of the well screen interval(s), annular cement seal, and well appurtenances will be selected based on borehole lithology, geophysical borehole logs, and the results of isolated aquifer zone testing. Recommendations will also be provided regarding the suitability of borehole/casing depths and diameters, and materials to be used. The draft well design will be presented to RCSD in letter format for review, and KGI's project manager will attend a design meeting to discuss the proposed design before submittal to the contractor.

Borehole Reaming

KGI will provide part-time inspection during reaming (i.e., enlargement) of the pilot borehole to an anticipated depth of approximately 1,000 feet bgs. During drilling, KGI will witness measurement of pertinent drilling fluid parameters to optimize protection of water-bearing formations and borehole integrity. Additionally, KGI will verify that borehole depths and diameters are in conformance with the final well design and technical specifications. For cost estimating purposes, assuming an average drilling rate of 10 feet per hour, and a 24 hour per day work schedule, it is anticipated that borehole reaming will take approximately two (2) days to complete. Following borehole reaming, KGI will witness a caliper survey of the enlarged borehole, the purpose of which is to measure and verify borehole diameters and depths prior to well construction.

Well Construction

KGI will provide full-time inspection during installation of the well casing, screen, ancillary tubing, filter media, and annular seals to ensure placement in accordance with the final well design and technical specifications. Installed volumes of the gravel envelope and cement seal will be checked throughout the construction process to verify that there are no bridges and/or voids within the annular space between the well casing and borehole wall. KGI personnel will inspect all construction materials as they are delivered to the site, including the well casing, well screen, ancillary tubing, gravel envelope, and sealing materials. Casing materials will be inspected to verify that dimensions and material types are in conformance with the final well design. Each load of the gravel envelope material will be sampled upon delivery and sieved to verify that the as-delivered gradation meets design parameters. Cement mixes will be compared to design and the time of mixing will be noted to ensure that an extended period has not taken place between mixing and delivery to the site. Cement samples will be collected during installation and submerged in drilling fluid to simulate downhole conditions. These samples will be monitored to ensure that the cement has sufficiently set, particularly when multiple cement pours are specified.

Initial Well Development

Well development is a critical phase of well installation, and successful well development will provide for an efficient well from which aquifer yield and groundwater quality can be assessed. The goal is to remove as much residual drilling fluids as is considered practical and to grade the gravel envelope and near-well zone such that water can be transmitted as efficiently as possible without producing formation sand.

The first phase of well development is particularly critical and typically consists of swabbing while simultaneously airlifting or pumping the entire length of well screen in 10-foot increments. For each interval of screen, sand production will be measured immediately following swabbing, and as the discharge clears. Those intervals exhibiting significant sand production (i.e., greater than approximately 1 ml/L) or high turbidity will be targeted for additional development on subsequent passes through the well screen. KGI will provide full-time inspection during initial well development.

It is estimated that approximately 36 hours of airlift development will be sufficient to develop the well. This can vary based on many factors, including the drilling fluid properties, formation characteristics, well design, and the actual length of well screen. As such, KGI will review data collected during the development process and provide real-time recommendations regarding the need for additional development. Following demobilization of the drilling rig, KGI will coordinate with the drilling contractor regarding installation of the test pump to ensure that the pump is suitably sized, and that the intake is set at an appropriate depth within a blank section of well casing.

Final Well Development by Pumping and Surging

The second phase of well development consists of pumping and surging with a temporary test pump to be furnished by the contractor. During the final development process, pumping will begin at low rates, with no surging, slowly building to the maximum specified pumping rate (typically 1.5x the anticipated design pumping rate). Gentle surging will then begin at lower rates, becoming increasingly aggressive as development progresses. Tests for sand production and specific capacity will be performed throughout the process to measure the progress of development. Once specific capacity approaches a maximum, sand production approaches a minimum, and well performance criteria are met, development is considered complete and the aquifer pumping test phase can begin. KGI will provide full-time inspection during final well development.

Typically, approximately 60 hours of final well development is sufficient to properly develop a well of this anticipated depth. However, this can vary based on many factors, including the drilling fluid properties, formation characteristics, and final well design. As such, KGI will review data collected during final development and provide real-time recommendations regarding the need for additional development.

Aquifer Pumping Tests

KGI will provide full-time inspection during an 8-hour step-drawdown pumping test, the purpose of which is to allow calculation of well efficiency and determine an appropriate rate for the constant rate pumping test. During the test, static and pumping water levels, totalizer flowmeter readings, and sand production, will be measured at specified intervals.

Following the step-drawdown test, KGI will provide part-time inspection during the 24-hour constant rate drawdown test, the purpose of which is to determine a recommended instantaneous

pumping rate, allow calculation of short- and long-term pumping dynamics, determine the magnitude of water level interference with the existing Grand Well and the new well, and establish an optimal pump intake setting. As with the step drawdown test, totalizer flowmeter readings and sand production will be measured at specified intervals. Recovering water levels will be measured for a period of 4 hours following cessation of pumping.

Toward the end of the constant rate pumping test, groundwater samples will be collected by KGI personnel and submitted to a State-certified laboratory under chain-of-custody protocol for Title 22 and PFOA/PFOS analysis. Field water quality measurements will be collected at the time of sample collection, including pH, temperature, electrical conductivity, dissolved oxygen, total dissolved solids, and turbidity. A flowmeter (i.e., spinner) survey will be conducted approximately 2 hours before cessation of pumping as a means of quantifying depth-specific groundwater flow contribution with across the well screen(s).

Downhole Video & Gyroscopic Alignment Surveys

KGI will provide full-time inspection during a downhole dual-cam video survey to verify and document well construction details and to serve as a record of the as-built condition of the well. KGI will also provide full-time inspection during plumbness and alignment testing of the well to verify acceptable verticality. It is anticipated that testing will take the form of a gyroscopic alignment survey and will take place at the time of the video survey.

Well Disinfection

KGI will provide full-time inspection services during final disinfection of the well structure to verify that suitable chemicals, concentrations, and methods of mixing and emplacement are employed.

Inspect Well Head and Site Condition

KGI will provide inspection of the completed well head for conformance with the technical specifications and well design details. Additionally, the post-construction condition of the well site will be assessed to verify that all equipment and materials have been demobilized and that the site has been restored to its original condition to the satisfaction of the RCSD. A final punch-list will be prepared as necessary, and a final site walk will be conducted with the contractor and RCSD personnel.

Analyze Aquifer Pumping Test Data

Data collected from the aquifer pumping tests will be analyzed immediately following completion. KGI will use the results of the analysis to make recommendations regarding optimal operational parameters, including instantaneous pumping rate, short- and long-term drawdown characteristics, well efficiency, and recommended pump intake setting. Analysis, results, and recommendations will be presented to the RCSD in letter format with appropriate charts, figures, and data.

12.6 Reporting

KGI will assemble all relevant construction records from the project and provide this information in a comprehensive written summary report. The report will include a summary of the project, construction timeline, daily field reports, an inventory of the materials installed, an as-built profile of the well, borehole lithology, pumping test charts, recommended well capacity and pumping dynamics, geophysical surveys, video survey DVDs, field data, and groundwater quality. An electronic draft summary report will be presented to RCSD for review, and, upon incorporation of

comments, an electronic copy and three (3) bound hard copies of the final version will be submitted. All digital files (including photographs, video and geophysical survey logs) will also be provided with the final submittal.

Additional Services

Services which are not specifically identified herein as services to be performed by WEBB are considered Additional Services for the purposes of this proposal. RCSD may request that WEBB perform services which are additional services. WEBB will perform such additional services upon execution of an amendment to this Agreement setting forth the scope, schedule, and fee for such additional services.

Well 25 Design and Construction Support
Rubidoux Community Services District

Item	Description	Blair Davis Principal II	Shane Bloomfield Principal II	Sinaro Yoo Senior III	Tyler Vigneault Assistant V	Alfredo Ignacio Inspector II	Leah Hinkley Project Coordinator	Marshall Payward Associate II	Stephanie Standerfer Principal II	Cheryl DeGano Principal II	Virginia Waters Assistant II	Jacqueline Gamboa Assistant II	Eliza Laws Assistant II	Noemi Avila Assistant II	Party Chief/Person Survey Crew	Michael Johnson Principal II	Andres Lopez Senior I	Jordan Moretti Assistant V	Jon Ros Senior II	Joseph Caldwell Principal II	Total Hours	Subtotal - Labor	Sub-consultant budget	Expenses	Total/task
Task 1 - Project Management		\$ 302	\$ 302	\$ 272	\$ 189	\$ 152	\$ 135	\$ 220	\$ 302	\$ 302	\$ 142	\$ 142	\$ 259	\$ 142	\$ 314	\$ 302	\$ 250	\$ 189	\$ 259	\$ 302	89	\$ 21,768	\$ -	\$ -	\$ 21,768
	1.1 Kick off meeting	5	44	2	24		14														7	\$ 1,720	\$ -	\$ -	\$ 1,720
	1.2 Design Workshops (3)	1	6	2	12		2														18	\$ 4,080	\$ -	\$ -	\$ 4,080
	1.3 Monthly Coordination (12)				12		6														30	\$ 6,702	\$ -	\$ -	\$ 6,702
	1.4 Project Management	4	24		6		6														34	\$ 9,286	\$ -	\$ -	\$ 9,286
Task 2 - Survey and Utility Research																					102	\$ 27,166	\$ 48,945	\$ 100	\$ 71,211
	2.1 Aerial Topographic Mapping	1		4			3								32	8	8	15	30		12	\$ 3,003	\$ -	\$ -	\$ 3,003
	2.2 Field Topographic Survey														4		2	5		21	\$ 5,652	\$ -	\$ 50	\$ 5,702	
	2.3 Alignment/ROW Survey & Base Map						1								12		3	6		49	\$ 13,272	\$ -	\$ -	\$ 13,272	
	2.4 Pot-hole Survey	1													8		1	1	30	14	\$ 3,881	\$ -	\$ 50	\$ 3,931	
	2.5 Aerial Photogrametric Survey						1										2			1	\$ 135	\$ 3,630	\$ -	\$ 3,765	
	2.6 Pot-holing (30)			4			1													5	\$ 1,223	\$ 40,315	\$ -	\$ 41,538	
Task 3 - Preliminary Design																					206	\$ 48,575	\$ 21,010	\$ 750	\$ 67,335
	3.1 Coordination with RCSD	8	2	20	60		4													14	\$ 3,500	\$ -	\$ -	\$ 3,500	
	3.2 Conceptual Plan	2	4	8	24															82	\$ 17,384	\$ 11,660	\$ -	\$ 29,044	
	3.3 Cost Estimate	2	4	8	24															14	\$ 3,204	\$ -	\$ -	\$ 3,204	
	3.4 Prepare Preliminary Design Report (30%)	8	32	20	80		8													72	\$ 17,188	\$ -	\$ -	\$ 17,188	
	3.5 Geotechnical Investigation	1					1													2	\$ 407	\$ 9,350	\$ -	\$ 9,757	
	3.6 Utility Research						8													22	\$ 3,892	\$ -	\$ 750	\$ 4,642	
Task 4 - Final Design - Well Equipping																					268	\$ 58,236	\$ 22,000	\$ -	\$ 80,236
	4.1 Design Well Equipping Facilities	4	6	182	2		2													36	\$ 7,920	\$ -	\$ -	\$ 7,920	
	4.2 Electrical / SCADA Design	4	2	2			2													8	\$ 1,736	\$ 22,000	\$ -	\$ 23,736	
	4.3 Prepare Design (60%)	8	24	88																124	\$ 26,784	\$ -	\$ -	\$ 26,784	
	4.4 Prepare Final Design (90% and 100%)	4	20	60																86	\$ 18,592	\$ -	\$ -	\$ 18,592	
	4.5 Cost Estimate	2	4	8																14	\$ 3,204	\$ -	\$ -	\$ 3,204	
Task 5 - Final Design - Pipeline																					154	\$ 33,390	\$ -	\$ -	\$ 33,390
	5.1 Prepare Design (60%)	2	20	60																1	\$ 17,686	\$ -	\$ -	\$ 17,686	
	5.2 Prepare Final Design (90% and 100%)	4	16	40																62	\$ 13,724	\$ -	\$ -	\$ 13,724	
	5.3 Cost Estimate	1	2	6																9	\$ 1,980	\$ -	\$ -	\$ 1,980	
Task 6 - Final Design - Treatment																					187	\$ 40,782	\$ -	\$ -	\$ 40,782
	6.1 Prepare Design (60%)	2	20	60																82	\$ 17,384	\$ -	\$ -	\$ 17,384	
	6.2 Prepare Final Design (90% and 100%)	1	30	60																94	\$ 20,708	\$ -	\$ -	\$ 20,708	
	6.3 Cost Estimate	1	6	4																11	\$ 2,690	\$ -	\$ -	\$ 2,690	
Task 7 - Bid Support																					55	\$ 11,251	\$ -	\$ -	\$ 11,251
	7.1 Attend Pre-Bid Meeting	2	2	1																3	\$ 739	\$ -	\$ -	\$ 739	
	7.2 Prepare addenda (2)	2	4	8																16	\$ 3,474	\$ -	\$ -	\$ 3,474	
	7.3 Bid Analysis	1	4	8																11	\$ 2,084	\$ -	\$ -	\$ 2,084	
	7.4 Confirmed Documents	1	4	16																25	\$ 4,954	\$ -	\$ -	\$ 4,954	
Task 8 - GEQA Documentation																					386	\$ 73,392	\$ 10,087	\$ 100	\$ 83,579
	8.1 Air Quality Studies							40	10	72	24	196	20	24						38	\$ 6,516	\$ -	\$ -	\$ 6,516	
	8.2 BTR and Field Study							40	2		4								46	\$ 9,972	\$ -	\$ 100	\$ 10,072		
	8.3 Cultural Study																				\$ -	\$ 10,087	\$ -	\$ 10,087	
	8.4 MND Process								8	32	20	180	8						248	\$ 42,552	\$ -	\$ -	\$ 42,552		
	8.5 CEQA Meetings and Coordination									40		16							56	\$ 14,352	\$ -	\$ -	\$ 14,352		

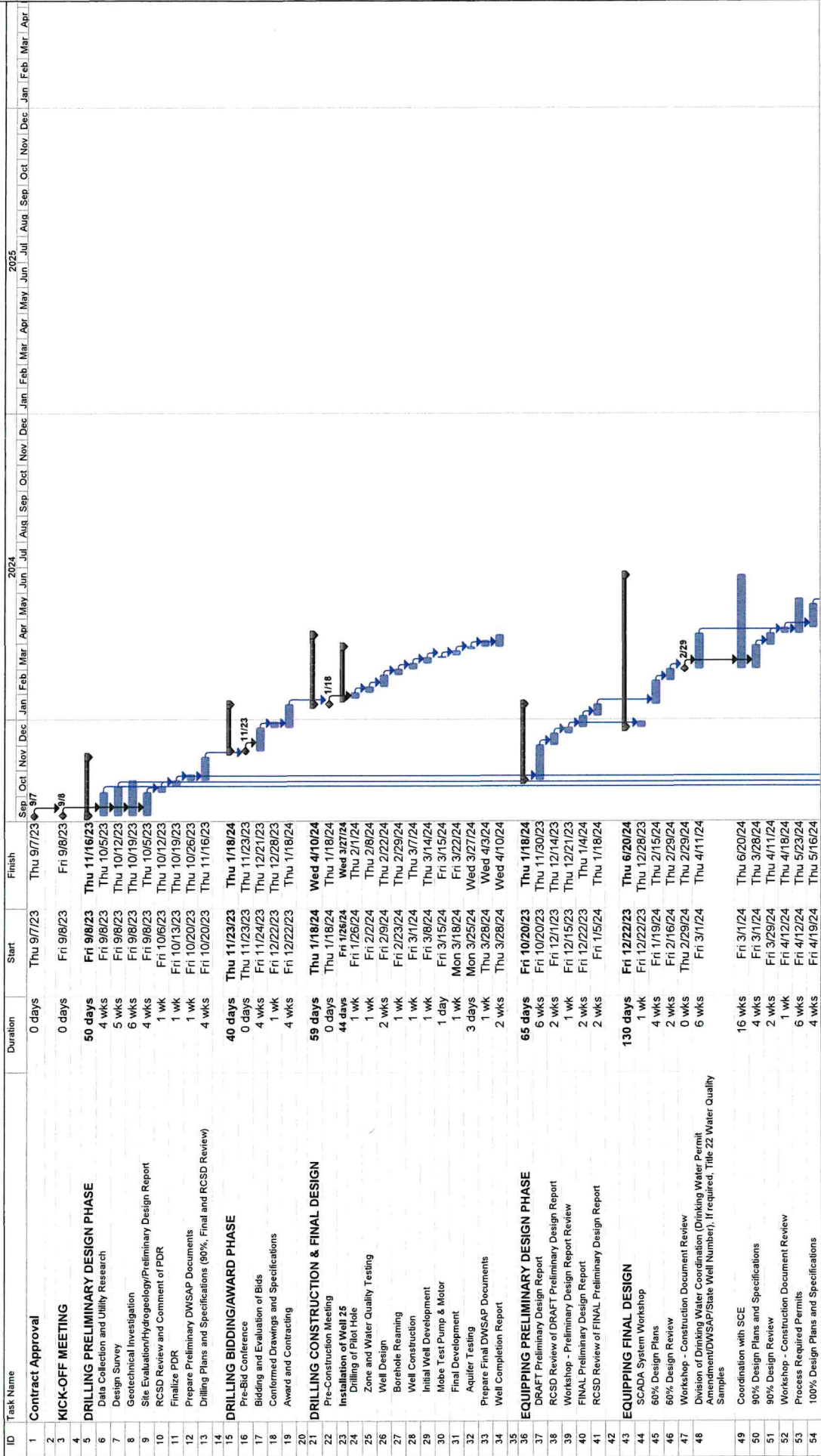
Well 25 Design and Construction Support
Rubidoux Community Services District

Item	Description	Bruce Davis Principal II	Shane Bloomfield Principal II	Simaró Yos Senior III	Tyler Vigneault Assistant V	Alfredo Ignacio Inspector II	Lexi Hinkley Project Coordinator	Marshall Paynard Associate II	Stephanie Standerter Principal II	Cheryl DeGano Principal II	Virginia Waters Assistant II	Jacqueline Gamboa Assistant II	Eliza Laws Senior II	Noemi Avila Assistant II	Party Chief/Person Survey Crew	Michael Johnson Principal II	Andres Lopez Senior I	Jordan Moretti Assistant V	Jon Ros Senior II	Joseph Caldwell Principal II	Total Hours	Subtotal - Labor	Sub-consultant budget	Expenses	Total/task
Task 9 - Services During Construction																									
9.1	Construction Management Support	8	92	273	29																384	\$ 85,296	\$ -	\$ -	\$ 83,296
9.2	Progress Meetings (26) - Biweekly	26		13	16																52	\$ 12,064	\$ -	\$ -	\$ 12,064
9.3	Construction Schedule	16			13																16	\$ 4,832	\$ -	\$ -	\$ 4,832
9.4	Review Contractor Submittals (40)	20		160																	180	\$ 36,280	\$ -	\$ -	\$ 36,280
9.5	Review Request for Information (20)	10		80																	90	\$ 18,140	\$ -	\$ -	\$ 18,140
9.6	Record Drawing Preparation	12		20																	32	\$ 7,404	\$ -	\$ -	\$ 7,404
Task 10 - Construction Inspection																									
10.1	Construction Inspection of Well Equipment					700															700	\$ 106,400	\$ -	\$ 1,000	\$ 107,400
10.2	Construction Inspection of Pipeline					300															300	\$ 45,600	\$ -	\$ 400	\$ 46,000
10.3	Construction Inspection of Treatment Plant					200															200	\$ 30,400	\$ -	\$ 300	\$ 30,700
Task 11 - Permitting																									
11.1	City of Jurupa Valley Encroachment Permit	2	5	12	2	8	14														33	\$ 7,042	\$ -	\$ 800	\$ 7,842
11.2	SCAQM Permit for genset	1		4	2		2														7	\$ 1,660	\$ -	\$ -	\$ 1,660
11.3	DDW Coordination on System Permit	2	2	8			4														14	\$ 3,320	\$ -	\$ -	\$ 3,320
Task 12 - Hydrogeological Support Services																									
12.1	Project Management and Meetings	8	18																		18	\$ 5,436	\$ 125,861	\$ -	\$ 131,298
12.2	Permitting Support	2	2																		8	\$ 2,416	\$ 3,846	\$ -	\$ 6,262
12.3	Site Assessment and Preliminary Well Design	2	2																		2	\$ 604	\$ 18,498	\$ -	\$ 19,102
12.4	Well Drilling Plans, Technical Specs and Bidding	2	2																		2	\$ 604	\$ 10,723	\$ -	\$ 11,327
12.5	Construction Management and Inspection	2	2																		2	\$ 604	\$ 13,363	\$ -	\$ 13,967
12.6	Reporting	2	2																		2	\$ 604	\$ 66,672	\$ -	\$ 67,276
Total																									
Total		5	219	241	843	700	92	40	10	72	24	196	20	24	32	8	8	15	30	13	2592	\$ 513,734	\$ 222,903	\$ 2,750	\$ 739,388

1. Rounded to the nearest \$1.

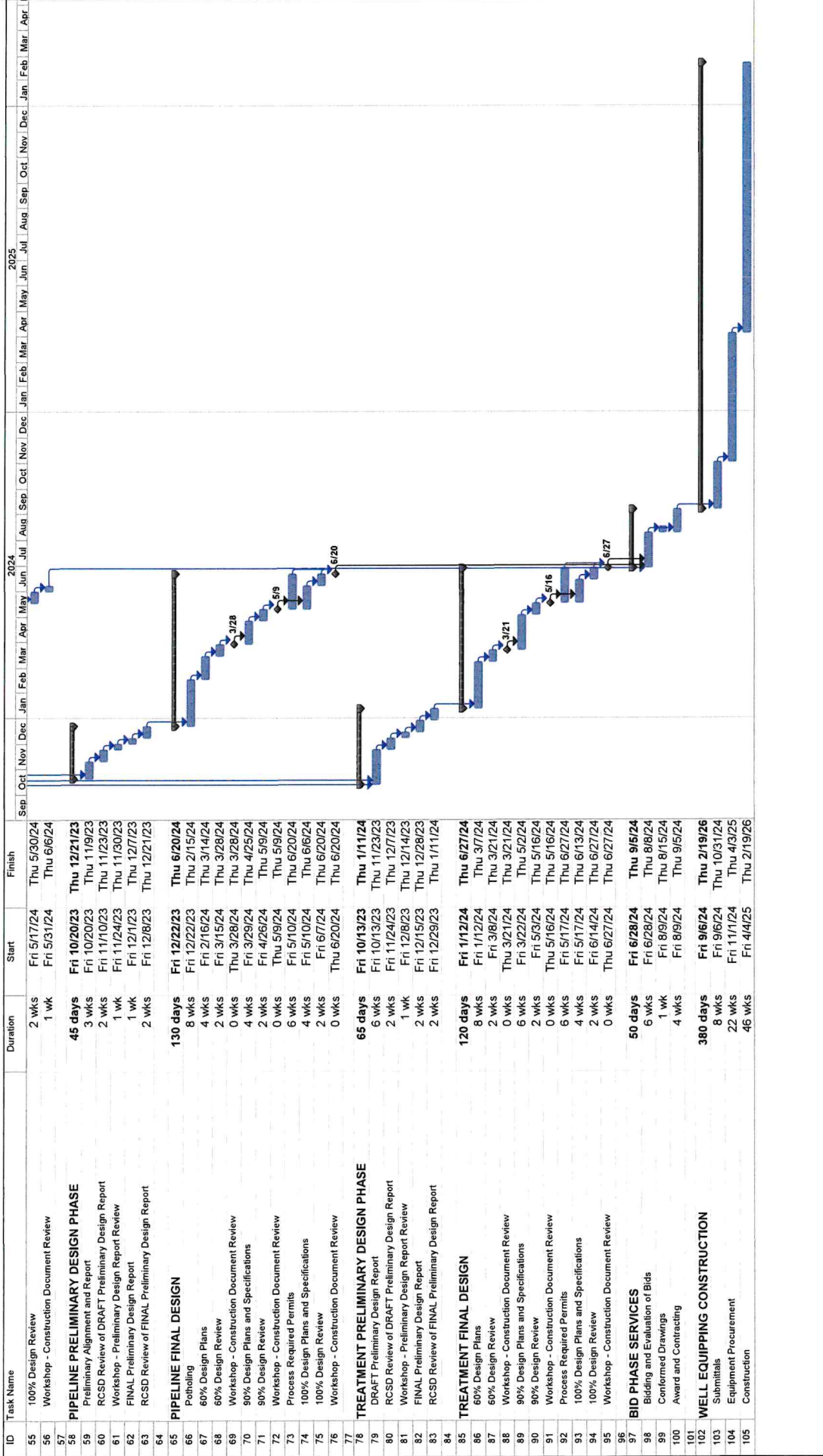
Preliminary Project Schedule

Rubidoux Community Services District - Well No. 25



Preliminary Project Schedule

Rubidoux Community Services District - Well No. 25





July 25, 2023

000-161.55A

Ted Beckwith, Director of Engineering
Rubidoux Community Services District
3590 Rubidoux Boulevard
Jurupa Valley, CA 92509

Via Email to tbeckwith@rcsd.org

Subject: Engineering Services Proposal for
Well No. 25 Drilling, Pipeline, and Pumping/Treatment Plant

Dear Mr. Beckwith:

We appreciate the opportunity to submit our proposal to provide engineering services for the Well No. 25 Drilling, Pipeline, and Pumping/Treatment Plant project. Our proposal is divided into the following sections:

Section 1	Scope of Services
Section 2	Estimated Fee
Section 3	Project Schedule

Our total estimated fee for providing the engineering services for the four phases of work outlined in **Section 1** is \$746,000, as detailed in **Section 2** attached. We understand the importance of this project to the District, and Krieger & Stewart is committed to our proposed project schedule set forth in **Section 3**. Further, Krieger & Stewart's project team is ready to commence services immediately.

Krieger & Stewart's team will consist of the following key team members:

- Charles A. Krieger - Principal in Charge
- Jaclyn B. Makarzec - Project Manager and Lead Well Design Engineer
- Brandon C. Valadez - Well Pumping and Treatment Plant Lead Design Engineer
- Sinisa Saric - Pipeline Lead Design Engineer
- Eric R. Bunke - Lead Surveyor

In addition to the team members listed above, additional members of our staff of registered and graduate engineers, surveyors, technicians, drafters, and administrative support will provide assistance as necessary to ensure completion of project tasks in accordance with the project schedule. As we have demonstrated with past projects, our team members are continuously available and responsive to District staff during all phases of the project.



Ted Beckwith
July 25, 2023
Page 2

Due to the scope and complexity of the proposed project, we have assembled a project team comprised of well qualified and experienced Krieger & Stewart staff members with support from a number of subconsultants, all of which have extensive experience in their respective assignments. Our proposed subconsultants and their type of services are set forth below:

- Inland Aerial Surveys, Inc. – Aerial Photogrammetry
- Leighton Consulting, Inc. – Geotechnical
- Boudreau Utility Locating – Utility Verification (Potholing)
- Babcock Laboratories, Inc. – Laboratory Water Quality Analysis
- Southern California Utility Solutions – SCE Service Design
- Flow Science Incorporated – Pressure Surge Analysis

Again, we are pleased to be considered to provide consulting engineering services to Rubidoux Community Services District for this project, and are available to discuss our proposal with you at your convenience.

Sincerely,

KRIEGER & STEWART, INCORPORATED

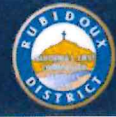

Jaclyn B. Makarzec


Brandon C. Valdez

BCV/JBM/blt
000-161P55-PRO

Attachment: Proposal

Well No. 25 Drilling, Pipeline, and Pumping/Treatment Plant



SECTION 1 - SCOPE OF SERVICES

INTRODUCTION

We understand that the District desires a new water production well to partially replace Well No. 2, as identified in the District's Water Master Plan (Webb 2022), and that the well will be constructed to provide potable water to the existing water distribution system. Due to the historic water quality of existing District wells, it is anticipated that the new well (Well No. 25) will require treatment for removal of contaminants. Common contaminants prevalent in District wells include iron, manganese, nitrate, perchlorate, 1,2,3-Trichloropropane (1,2,3-TCP), and per- and polyfluoroalkyl substances (PFAS). Typical treatment systems for said contaminants include the following:

- **Iron and Manganese** - Oxidation of contaminant via chlorine prior to passing through catalytic oxidative filtration media
- **Nitrate, Perchlorate, and PFAS** - Ion exchange treatment (different ion exchange resins may be required for different contaminants)
- **1,2,3-TCP** - Granular activated carbon (GAC)

Preliminary research using the 2022 Aquifer Risk Map published by the Department of Drinking Water (DDW) indicates that Well No. 25 will likely need to be treated for nitrate. However, there is limited data regarding other potential contaminants. Our proposal is based on the assumption that nitrate treatment will be required and excludes treatment for other potential contaminants.

The Contract Documents for well drilling will include provisions for the well drilling contractor to maintain the development and test pump in order for treatment system manufacturers to perform onsite pilot testing. After the well is drilled, water quality will be analyzed to verify which contaminants are present. If additional contaminants are found, we will review potential blending strategies for reducing contaminants below maximum contaminant levels (MCLs) and/or the capacity for treatment at the existing Thompson Treatment Plant. If it is determined that additional treatment is required, we will provide a separate proposal for same.

We understand that the District desires the new treatment plant be located adjacent to the Thompson Treatment Plant on future property that the District is in process of acquiring. In addition, because water from Well No. 25 could contain different contaminants than existing Well No. 8, a new raw water pipeline (approximately 2,500 LF) will be required from the Well No. 25 site (south of Mission Boulevard and east of Daly Avenue) to the proposed treatment plant site.

We have developed a phased approach to the engineering services required by the District for this project, generally described as follows:

- Preparation of Contract Documents (Specifications) and CEQA documents for **drilling and constructing Well No. 25**
- Preparation of Contract Documents (Plans and Specification) for the **raw water pipeline**
- Contract administration, inspection, and final well casing and gravel pack design during **well drilling and construction**
- Preparation of Contract Documents (Plans and Specifications) for the **Well No. 25 Pumping Plant and Treatment Plant**

ENGINEERING SERVICES

We have organized our scope of services into the following components:

Project Management and Administration

During each phase of the project, we will engage in telephone conferences, meetings, field meetings, and email communications with District staff and our subconsultants as necessary during the course of the project. These services are incorporated into the detailed tasks of each phase.

Phase I - Well Design Engineering

- Task 1.1 - Initial Meeting
- Task 1.2 - Preparation of Well Siting Plan
- Task 1.3 - Permits and Drinking Water Source Assessment and Protection (DWSAP) Assessment Report

Well No. 25 Drilling, Pipeline, and Pumping/Treatment Plant



- Task 1.4 - CEQA Documents
- Task 1.5 - Contract Documents for Well Drilling and Construction
- Task 1.6 - Bid Phase Support

Phase II – Pipeline Design Engineering

- Task 2.1 - Pipeline Design Kick-Off Meeting
- Task 2.2 - Records Search
- Task 2.3 - Design Survey and Base Map
- Task 2.4 - Geotechnical Investigation
- Task 2.5 - Base Construction Drawings
- Task 2.6 - Utility Verification
- Task 2.7 - 60% Contract Documents and Review Meeting
- Task 2.8 - 95% Contract Documents and Review Meeting
- Task 2.9 - Final Contract Documents
- Task 2.10 - Bid Phase Support

Phase III - Well Construction Engineering

- Task 3.1 - Preconstruction Conference
- Task 3.2 - Contract Administration
- Task 3.3 - Conductor Casing and Sanitary Seal Construction
- Task 3.4 - Pilot Bore Construction, Formation Sampling, and Pilot Bore Reaming
- Task 3.5 - Geophysical Logs and Formation Analysis
- Task 3.6 - Well Casing and Gravel Pack Design and Materials Specifications and Submittals Review
- Task 3.7 - Well Construction
- Task 3.8 - Mechanical Well Development
- Task 3.9 - Pumping and Surging Well Development
- Task 3.10 - Test Pumping and Treatment Pilot Study
- Task 3.11 - Site Cleanup, Well Disinfection, and Video, Alignment, and Plumbness Surveys
- Task 3.12 - Final Inspection and Well Construction Acceptance

Phase IV - Well Pumping and Treatment Plant Design Engineering

- Task 4.1 - Meeting Attendance, Preparation, and Documentation
- Task 4.2 - Review District Record Data
- Task 4.3 - Records Search*
- Task 4.4 - Design Survey and Base Map*
- Task 4.5 - Geotechnical Investigation*

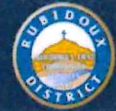
- Task 4.6 - Electrical Service Design and Coordination
- Task 4.7 - Utility Verification*
- Task 4.8 - Pilot Testing Coordination
- Task 4.9 - Pressure Surge Analysis
- Task 4.10 - Preliminary Design Technical Memorandum (PDTM)
- Task 4.11 - 60% Contract Documents
- Task 4.12 - 95% Contract Documents
- Task 4.13 - Final Contract Documents
- Task 4.14 - Bid Phase Support

*To be provided with Phase II Tasks

The order of our scope of services is the general order in which the various components will be performed. However, many of the components will be performed simultaneously as shown on our proposed schedule (see **Section 3**).

Engineering services for proposed **Phases I through IV** are discussed in the following sections.

Well No. 25 Drilling, Pipeline, and Pumping/Treatment Plant



PHASE I - WELL DESIGN ENGINEERING

Task 1.1 - Initial Meeting

We will meet with District staff to discuss the proposed project prior to commencing our services and to obtain all pertinent information that District may have available. We will also conduct a field meeting with District staff.

In preparing for this meeting, we will compile a summary of issues and concerns to be discussed for the proposed well, including: site boundaries, well location, site drainage, discharge of development water, project schedule, available construction area for drilling the well, construction noise, and subconsultant studies.

Task 1.2 - Preparation of Well Siting Plan

We will use data from existing documents to prepare a well siting plan showing the proposed location of the well in relation to surrounding structures, properties, and potential sources of contamination, and submit same to State Water Resources Control Board Division of Drinking Water (DDW) for approval.

Task 1.3 - Permits and Drinking Water Source Assessment and Protection (DWSAP) Assessment Report

➤ Identification of Required Permits

We will identify all local, state, and federal permits that will be required, including coverage under any waste discharge requirements from the California Regional Water Quality Control Board and, encroachment permit requirements for flood control facilities from Riverside County Flood Control. The well permit required by the County of Riverside, and the well number designation from the California Department of Water Resources, are typically applied for and obtained by the well drilling contractor.

We will coordinate with Riverside County Flood Control for discharge of development water and for discharge of water during startup procedures.

We do not anticipate that any listed species Take Permits will be required from any of the wildlife agencies.

➤ Preparation of DWSAP Assessment

DDW's Drinking Water Source Assessment and Protection (DWSAP) Program requires submittal of an assessment report for all new water supply sources that identifies as-built well design parameters and "Possible Contaminating Activities" (PCAs) within "Protection Zones" defined by 2-year, 5-year, and 10-year times of ground water travel to the well. Preparation and submittal of the DWSAP assessment is not required until after the well has been drilled. (Note: prior to construction of the well, Protection Zones can only be roughly estimated because calculations for delineating the Protection Zones require input of the perforated interval and pumping capacity of the well.) Upon completion of well construction, we will prepare a final DWSAP assessment report for submittal to the SWRCB.

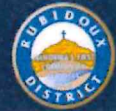
Task 1.4 - CEQA Documents

We understand that documents pertaining to the National Environmental Policy Act (NEPA) will be completed by Western Municipal Water District (Western) as the distributing agency of grant funding, but that other environmental considerations, namely California Environmental Quality Act (CEQA), will be the responsibility of the District. As such, our proposal includes preparation and processing of all required CEQA documents based on the preparation of a Mitigated Negative Declaration (MND) for construction of the well, well pumping plant, treatment plant, and pipeline. If, during preparation of the Initial Study, it becomes apparent that an Environmental Impact Report (EIR) will be required, the EIR will be prepared by others or under separate contract.

Krieger & Stewart understands that cultural and biological studies of the project sites will be performed by Dudek as part of NEPA requirements, and that copies of these reports will be available for K&S use in preparation of CEQA documents for the project.

In addition, our scope and fee exclude services related to compliance with California Public Resources Code Sections 21080.3.1 and 21080.3.2, also referred to as "AB 52", pertaining to notification and consultation between a lead agency and California Native American tribes. We have assumed that the District will provide us with a description of any related notification or

Well No. 25 Drilling, Pipeline, and Pumping/Treatment Plant



consultation that it conducts with Native American tribes for inclusion in the Initial Study, as appropriate.

Krieger & Stewart's environmental group will perform the following remaining tasks:

➤ Draft Initial Study

Utilizing the findings and conclusions from the cultural and biological studies performed for compliance with NEPA (Dudek), we will prepare a draft Initial Study with Environmental Checklist form in accordance with the State CEQA Guidelines. We will provide District with an electronic (PDF) copy of the draft Initial Study for District's review and comments.

➤ Preparation of Environmental Review Schedule

We will prepare a schedule for the environmental review process and submit it to District for review with the draft Initial Study.

➤ Final Initial Study

Once we have received District staff's comments on the draft Initial Study, we will prepare the necessary revisions and additions and will incorporate same into the final Initial Study. The Initial Study will then be placed into final format and will include the text and all anticipated exhibits.

➤ Preparation of Draft MND

We will prepare the draft MND for District staff's use, along with a draft Mitigation Monitoring and Reporting Program to be appended to the draft MND.

➤ Distribution and Public Review Process

We will prepare a Notice of Intent to Adopt the MND (NOI) for District staff's use in providing legal notice to the public of District's intent to consider adoption of the MND regarding the proposed Project.

We will coordinate publication of the NOI in the Press-Enterprise, or another local publication at the direction of District staff, and post the NOI with the

Riverside County Clerk. We will provide District with an electronic (PDF) copy of the final Initial Study/Environmental Checklist with draft MND and Mitigation Monitoring and Reporting Program for distribution, local posting, and inclusion in the Board Packet.

The Governor's Office of Planning and Research (State Clearinghouse) requires that all documents be submitted via its online CEQA Submit database application. If District authorizes Krieger & Stewart as a "Submitter" in the online CEQA Submit database, we will submit the required documents to the State Clearinghouse on the District's behalf.

At the close of the thirty (30) day public review period, we will prepare responses to comments received for District staff's use in responding to comments.

➤ Notice of Determination and CEQA Summary Package

After the MND is adopted and the proposed project approved by the District's Board of Directors, we will prepare a Notice of Determination (NOD) for District staff's use. We will file the NOD with the Riverside County Clerk and, if District has authorized Krieger & Stewart as a "Submitter" in CEQA Submit, we will submit the NOD to the State Clearinghouse on the District's behalf.

We will also compile and provide an electronic (PDF) copy of a CEQA summary package containing the Initial Study/Environmental Checklist, final MND, Mitigation Monitoring and Reporting Program, NOI, Notice of Completion, copies of comment letters and responses to same, and Notice of Determination, for District's records.

Task 1.5 - Contract Documents for Well Drilling and Construction

The Contract Documents for the well will include the District's current front-end documents (Notice Inviting Bids, Instruction to Bidders, Contract forms, Contract Appendix, General Requirements, etc.). The Contract Documents will also include: bid sheets, technical specifications, specific project requirements, standard drawings, and available record information (well logs)

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for other wells in the area which will assist bidders in assessing likely formations, as described below.

➤ Bid Sheets

The bid sheets will include one bid schedule for the base bid items and may also include a bid schedule for additive/deductive items, depending upon the potential changes in well construction limits and materials.

The base bid schedule will include bid items for the following: mobilization and demobilization; the conductor casing and sanitary seal; the pilot bore; the geophysical logs; the reamed bore; a caliper log; the blank casing; the well screen; sounding tubes; the gravel pack; an alignment and plumbness survey; mechanical well development; pumping and surging development; a well step-drawdown test and a constant rate aquifer test; maintaining and operating test pump for pilot testing; a color video of the completed well; and well disinfection and site cleanup. The additive and deductive bid schedules will be provided for required adjustments to the well over the course of construction (e.g. increase or decrease well depth, alternative casing materials, etc.).

➤ Technical Specifications

The technical specifications will address: drilling methods and speed for the pilot bore and reaming pass; conductor casing and sanitary seal materials and construction; well casing and well screen materials and construction; gravel pack cleaning and placement; well development methodology(ies) and requirements; well pumping test methodologies and performance requirements; and well disinfection requirements.

➤ Specific Project Requirements and Available Record Information

The specific project requirements and available record information will address: working hours; availability and location of construction water; disposal of development and test pumping water; maintaining and operating test pump for pilot study, noise control requirements; and well logs for nearby water wells (together with a map of their

locations) to assist bidders in evaluating likely formations to be encountered.

The special project requirements will also require that the contractor maintain the test pump in the well for an extended period of time, and that the Contractor operate the pumping unit for the treatment system manufacturers during pilot study testing.

➤ Standard Drawings

The standard drawings will include: above ground completed well details; formation sampling trough; casing and screen centering guides; consolidation and development tools; and development and test pumping discharge piping.

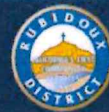
We will submit complete draft Contract Documents to District staff for review. Once the Contract Documents are approved by District staff, we will provide an electronic (PDF) copy of the final signed and stamped Contract Documents for issuance by District staff to prospective bidders.

Task 1.6 - Bid Phase Support

It is our understanding that District staff will make copies of the Contract Documents available to Contractors, send the Notice Inviting Bids to local publications for legal advertising, and conduct the bid opening. During the bidding period, we will:

- Provide technical support to District related to project design and prepare written responses to all of the bidder's questions, and submit said responses to District for review.
- Attend the pre-bid meeting with District representatives.
- Prepare up to two (2) addenda to the Contract Documents.
- Prepare a tabulation of bid results, review low bidder's bid for completeness, and prepare recommendation of award.
- Prepare an electronic (PDF) conformed set of Contract Documents incorporating any changes made by addendum and the fully executed contract for distribution to each executing party, and one (1) hard copy for the District's records.

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PHASE II – PIPELINE DESIGN ENGINEERING

Task 2.1 - Pipeline Design Kick-Off Meeting

We will attend a kick-off meeting with District staff to review the project in detail before Krieger & Stewart begins design. We will request that the District furnish us with all applicable materials at this meeting, particularly District facility drawings and existing easement documents (if any).

Task 2.2 - Records Search

We will perform a records search for the Well No. 25 site, pipeline, and treatment plant site.

Our records search will consist of obtaining copies of all assessor's maps, records of survey, tract maps, parcel maps, right-of-way maps, monument ties, benchmark data, and utility information which pertain to the project.

Utility information we acquire will include record information from the District, Southern California Gas Company, Southern California Edison Company, telephone companies, cable television companies, Riverside County Flood Control, and other potentially affected utilities.

Task 2.3 - Design Survey and Base Map

We will provide design survey services for the Well No. 25 site, pipeline, and treatment plant site. We will perform all of the required design surveying "in-house". Inland Aerial Surveys, Inc. will provide Krieger & Stewart with aerial topographic data.

➤ Design Survey

The design survey data used to prepare the base map for the Construction Drawings for the proposed Well No. 25 site, pipeline, and treatment plant site will be based on a boundary survey, aerial control survey, and a ground topographic survey performed by Krieger & Stewart as well as an aerial topographic survey performed by Inland Aerial Surveys, Inc.

A boundary survey will be performed for the Well No. 25 site to determine the locations of all lot lines and adjacent right-of-way (R/W) necessary for

design purposes. This proposal does not include setting boundary corners or preparation and filing of any maps required by the Professional Land Surveyor's Act.

Establishing and setting boundary corner locations and the subsequent preparation and filing of a Corner Record or Record of Survey as may be required for construction of the Well No. 25 site improvements is not included as a part of this proposal.

A boundary survey, establishment of lot lines, and establishment of boundary corner locations of the proposed treatment plant site has been included as a part of the District's Treatment Consolidation Site Acquisition Project and is not included as a part of this proposal.

The aerial control survey will consist of setting aerial targets to establish horizontal and vertical control to cover all aerial photography required for the proposed Well No. 25 site, pipeline alignment, and treatment plant site, and includes locating sufficient survey monumentation of record to establish street centerlines and rights-of-way adjacent to the proposed pipeline design.

The ground topographic survey will be performed to supplement the aerial topographic mapping and will consist of locating existing improvements and other existing aboveground (e.g. curbs, pavement edges, walls, fences, etc.) as required for proposed facility and finish grade design to ensure accurate tie-ins to existing improvements.

Horizontal control will be referenced to the California Coordinate System of 1983, CCS83 (EPOCH 2010.000). Vertical control will be referenced to the North American Vertical Datum of 1988 (NAVD88) computed using GEOID18, unless directed otherwise prior to the commencement of the topographic survey.

➤ Design Base Map

Pipeline mapping will be prepared at a scale of 1"=40' and site mapping will be prepared at 1"=20' unless otherwise required by the District.

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Ground surface contours will be provided at half-foot intervals for the Well No. 25 Site and treatment plant site and at one-foot intervals for the pipeline alignment.

The base map will note the survey control, the horizontal datum, and the vertical datum, and include street centerlines, rights-of-way, property lines, and easements compiled from our records search and design survey data. The base map will also include property data (assessor parcel numbers (APNs) and record map references) within the mapping limits and adjacent to the pipeline alignment.

Task 2.4 - Geotechnical Investigation

We will engage Leighton Consulting, Inc. (Leighton) to prepare the geotechnical investigation for the well site, pipeline, and treatment plant site. Leighton's field work will include a maximum of two (2) borings on the Well No. 25 site, three (3) borings for the pipeline, and five (5) borings on the treatment plant site. Each boring will be drilled to a maximum depth of 50 feet.

Based on available reports and studies and based on Leighton's field and laboratory data, Leighton will prepare a geotechnical engineering report that will present their findings, conclusions, and recommendations. The report will be signed and stamped by a California Geotechnical Engineer (GE) and will address subsurface conditions, seismic hazards, expansion potential, site grading and earthwork (including site preparation, fill placement, and trench backfill), temporary excavations and shoring, structure foundation design parameters, anticipated settlement, pipe bedding recommendations, underground pipe corrosion protection recommendations, and pavement design recommendations.

Task 2.5 - Base Construction Drawings

We will prepare base construction drawings on 24" x 36" sheets with standard District title block. The drawings will be prepared at a horizontal scale of 1" = 40' and a vertical scale of 1" = 4' and will be capable of being reduced 50% without loss of clarity.

We will add the required signature blocks, location and size of all aboveground and underground utilities

(including water, meter boxes, manholes, valves, vaults, fire hydrants, sewer, storm drain, electrical, telephone, and cable television), location of improvements (including pavement limits, curbs, gutters, sidewalks, driveways, fences, landscaping, power poles, and mail boxes), easements (including temporary construction easements), property lines, public and private rights-of-way, street centerlines, and survey data in order to complete the base construction drawings.

The base construction drawings will be prepared using District Standards for symbols, line types, line styles, line size, and layer assignments. After we complete the base construction drawings, our project engineer will field review the construction alignment to ensure that all existing improvements and conditions are correctly represented.

Task 2.6 - Utility Verification

We will provide a recommendation of utilities to be excavated and exposed (potholed) to the District for review and approval.

After the District has approved the pothole locations, we will request that Underground Service Alert (USA), as well as any utilities that are not members of USA, locate and mark facilities in the vicinity of the proposed work. Our pothole subcontractor (Boudreau Utility Locating (Boudreau)), will obtain the required encroachment permit(s) from the City of Jurupa Valley.

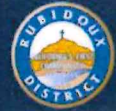
We will arrange for Boudreau to excavate, expose, and determine the exact depth and dimension. Boudreau will mark the location of each utility for our surveyor to determine exact horizontal location and ground surface elevation of each facility.

Potholes will be required for the anticipated point of connection to the distribution system pipeline and utilities that the proposed pipeline crosses. For the purposes of our proposal, we have assumed that 18 potholes will be required (actual number to be determined during design with District).

Task 2.7 - 60% Contract Documents and Review Meeting

Based on the approved alignment and based on the results of the utility verification, we will prepare the

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preliminary construction drawings and specifications (60% Contract Documents). The project will be designed in conformance with District Standards and Specifications. We anticipate the construction drawings will consist of six (6) sheets as follows:

➤ **Cover Sheet (1)**

The cover sheet will include the project title, vicinity map, index map, legend, abbreviations, sheet index in tabular form, District general notes, and signature lines.

➤ **Plan and Profile Sheets (4)**

The plan portion of the pipeline drawing will show all existing improvements and utilities (all based on survey data, record maps, and field reviews), centerline control, topographic data, proposed pipeline location, and pipeline appurtenances. The profile portion of the pipeline drawings will show existing and proposed ground surface or pavement elevations over the centerline of the proposed pipeline, pipeline flowline elevations, slopes, utility crossings, and pipeline appurtenances.

➤ **Detail Sheet (1)**

The detail sheet will present miscellaneous pipeline construction details.

The specifications will be prepared by Krieger & Stewart in District's latest standard format. The Specifications will include District front end documents (e.g. Notice Inviting Bids, Bid Forms, Contract, and General Requirements), Special Requirements, Technical Conditions, and Standard Drawings.

The bid sheets will include bid items for mobilization, trench protection, traffic control, pipeline installation, pipeline appurtenances, connections, and pavement replacement.

We anticipate the Special Requirements will address survey monuments (preservation, removal and replacement), permits, traffic control, utilities, storage of materials and equipment, notifications to residents and customers, materials, construction tolerances, excavation, bedding, construction sequence, backfill, trench compaction, traffic striping (temporary and permanent), subgrade preparation, placement of base materials, asphalt concrete pavement requirements, adjustment of facilities to grade, and storm water compliance.

Once the construction drawings and specifications are 60% complete, we will arrange the review meeting with District staff. Two (2) weeks prior to the meeting, we will provide District staff with an electronic (PDF) copy of the 60% Contract Documents. The purpose of the meeting will be to review the 60% Contract Documents in detail and obtain District comments. In particular, we will discuss the profile, appurtenances, possible utility interferences, utilities to be potholed, system connections, status of right-of-way issues, and permit requirements.

Task 2.8 - 95% Contract Documents and Review Meeting

Based on comments received from District staff during the 60% review meeting, we will prepare the 95% Contract Documents.

Once the construction drawings and specifications are 95% complete, we will arrange the 95% review meeting with District staff. Two weeks prior to the meeting, we will provide District staff with an electronic (PDF) copy of 95% Contract Documents together with a construction cost estimate. The purpose of the meeting will be to review the Contract Documents in detail and obtain District comments.

Task 2.9 - Final Contract Documents

Based on District staff comments from the 95% review meeting, we will complete the final Contract Documents and prepare a detailed construction cost estimate. Once the final Contract Documents are complete, we will provide District staff with an electronic (PDF) copy of the final signed and stamped Contract Documents for issuance by District staff to prospective bidders.

Task 2.10 - Bid Phase Support

It is our understanding that District staff will make copies of the Contract Documents available to Contractors, send the Notice Inviting Bids to local publications for legal advertising, and conduct the bid opening. During the bidding period, we will:

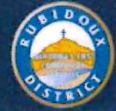
- Provide technical support to District related to project design and prepare written responses to all of the bidder's questions, and submit said responses to District for review.

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- Attend the pre-bid meeting with District representatives.
- Prepare up to two (2) addenda to the Contract Documents.
- Prepare a tabulation of bid results, review low bidder's bid for completeness, and prepare recommendation of award.
- Prepare an electronic (PDF) conformed set of Contract Documents incorporating any changes made by addendum and the fully executed contract for distribution to each executing party, and one (1) hard copy for the District's records.

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PHASE III - WELL CONSTRUCTION ENGINEERING

Task 3.1 - Preconstruction Conference

Prior to the preconstruction conference, we will prepare a detailed agenda that will outline contractual requirements, including any special requirements. Said agenda will be distributed to District staff for review and comments prior to the preconstruction conference. We will incorporate any comments received into the agenda, which will be distributed to all attendees.

We will attend the preconstruction conference, together with District staff, other affected agencies, and Contractor. The preconstruction conference will provide the opportunity for complete review of the Contract Documents by all parties prior to starting work. In conjunction with District staff, we will be prepared to respond to questions regarding the Contract Document requirements, including special project requirements, sequence of work, and completion date.

We will review the Contractor's schedule and approach to construction. We will prepare a record of the meeting (meeting minutes), incorporating items reviewed, for distribution to all attendees.

Task 3.2 - Contract Administration

Throughout the course of construction, our Project Manager, assisted by Krieger & Stewart staff, will respond to inquiries regarding the Contract Documents in order to ensure that the project is constructed in compliance with same. Contract administration activities will include site visits; review of daily inspection reports; daily conferences with the construction inspector; progress reviews to ensure that the project is proceeding according to schedule; weekly progress reviews with District staff, Contractor, and Inspector; review and approval of payment requests; and related services.

We will prepare and maintain logs for all written aspects of project records, including submittals, RFIs, contract change orders, payment requests, non-compliance reports, accounting reports, and inspections. Project progress and any changes during construction will be noted on a set of Contract Documents maintained in the field (by our Inspector) and in our office (by our Project Manager). Problems or questions during construction will be resolved by our

Project Manager and Construction Inspector. If a problem occurs requiring a District decision, District staff will be consulted. Our Project Manager will attempt to resolve complaints, concerns, and questions from the Contractor and other affected agencies.

Any extra work request received will be reviewed to determine if the request is warranted. If an extra work request is not warranted, we will reject same in writing. Prior to sending a written rejection to the Contractor, we will review same with District staff. If an extra work request appears warranted, the request will be reviewed with our construction inspector and compared to field reports for confirmation of materials, equipment, and labor involved. Thereafter, we will review same with District staff prior to approving extra work and preparing change orders.

Through regular conferences, meetings, and presentations (if necessary), our Project Manager will keep District staff informed of project progress, problems that have occurred during construction, and any changes in work. Whenever possible, our Project Manager will review required changes with District staff prior to making same.

Telephone numbers for normal working hours, evenings, and weekends for the Project Manager, Construction Inspector, Contractor, utilities, and emergency services will be provided to all concerned parties.

Task 3.3 - Conductor Casing and Sanitary Seal Construction

The Contractor will install the conductor casing and sanitary seal to meet local and DDW requirements. We will provide inspection as required to ensure that the casing and seal dimensions and materials, together with the installation method, meet the requirements.

Task 3.4 - Pilot Bore Construction, Formation Sampling, and Pilot Bore Reaming

Once the Contractor starts drilling the pilot bore, they will work 24 hours per day until the pilot bore is completed, and we will provide continuous (i.e. 24-hour) inspection and sample collection throughout. Our inspector will collect formation samples at ten foot intervals and at changes in the formation. We will analyze the formation samples in

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the field for appearance and composition. In addition, our inspector will monitor drilling operations (drilling speed, type of bit used, rig response to changes in formation), which will also be used in evaluating formation characteristics.

We will provide periodic inspection services during the reaming of the pilot bore to the specified diameter.

Task 3.5 - Geophysical Logs and Formation Analysis

After we have collected and analyzed the formation samples in the field, we will deliver them to our lab where they will be analyzed (sieve analysis) to determine gradation. Once the Contractor completes the pilot bore, an independent party (paid for by the Contractor) will provide geophysical (electric) logs of the entire pilot bore; we will be present during the electric logging of the bore hole. The results of the geophysical logs in combination with the formation samples will assist us in identifying the most appropriate locations for screened intervals.

Task 3.6 - Well Casing and Gravel Pack Design and Materials Specifications and Submittals Review

Once the gradation of all the samples is complete, we will determine the type, size, and location of the well casing perforations or screen and the required gradation for the gravel pack. Our goal is to select a combination of well perforations (or screen) and gravel pack that will maximize well production and minimize sand production. In addition, we will select the well perforations (or screen) and gravel as quickly as possible to allow the Contractor to obtain the materials.

We will prepare a well casing and gravel pack memorandum which clearly sets forth the required casing, screen, and gravel pack (including specific gradation) in both text and graphic form. We will distribute copies to both District staff and the Contractor immediately after we complete design in order to eliminate any potential misunderstandings in the field or between the various offices.

We will thereafter review the Contractor's materials submittals to ensure that they meet specifications set forth in the Contract Documents and design memorandum (blank casing, screened casing, gravel pack, sounding tubes, etc.).

Task 3.7 - Well Construction

Once the well screen is delivered to the site, we will measure it to ensure that the perforations or screen are the correct size. Once the gravel pack is delivered to the site, we will perform a sieve analysis to ensure that the gravel meets the applicable specifications.

Once the Contractor starts to install the well casing, well screen, and gravel pack, we will provide continuous inspection. Inspection is required to ensure that the well screen and well casing are properly disinfected, the well screen is placed at the correct elevations, the sections of well screen and well casing are correctly connected, and the gravel pack is installed correctly to both prevent damaging the well bore and prevent bridging. In addition, we will ensure that the specified sounding tube(s) is installed at the correct elevation and orientation.

During well construction, we will prepare an as-built drawing that reflects the well as actually constructed (if different from the above described well casing and gravel pack memorandum), and will compare same with the well specifications to determine any variations or field modifications; any such variations will be called out on the as-built drawing.

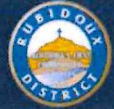
Task 3.8 - Mechanical Well Development

We will provide continuous inspection during well development to ensure that the Contractor is surging the well properly. Our inspector will regularly measure gravel pack movement together with sediment, silt, sand, and debris removed from the well. We will use the recorded measurements to determine when mechanical development is complete.

Task 3.9 - Pumping and Surging Well Development

Once mechanical development by surging is completed, the Contractor will install a test pump and will develop the well by pumping and surging. We will provide 8-hours per day of inspection during pumping development to ensure that the Contractor is operating the pumping unit in accordance with specified procedures (e.g. time of pumping, discharge rate, surge interval). Our inspector will regularly measure sand production and turbidity following each surge of the well, together with pumping water levels to determine changes in specific capacity. We use the recorded

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measurements to determine when pumping development is complete.

Task 3.10 - Test Pumping and Treatment Pilot Study

Following development, the Contractor will take a sample of water at the approximate design flow rate to be analyzed for water quality. We will engage Babcock Laboratories, Inc. to analyze the water sample for the following constituents (at a minimum): metal (e.g. iron, manganese, etc.), nitrate, perchlorate, 1,2,3-TCP, and PFAS.

The Contractor will then perform a step-drawdown test for a minimum of 8 hours and will then perform a constant rate aquifer test during daytime hours only. We will provide periodic observation during test pumping operations to ensure that the test pump is properly disinfected and to measure water production, drawdown, and sand production capacity.

Test results will also be used to establish pumping unit performance characteristics as needed for the pumping plant design, and to approximate aquifer behavior during operation of the well.

Pilot study testing for determining treatment system design criteria will need to be performed with the Contractor-furnished test pump. Therefore, the Contract Documents will require that the Contractor maintain the test pump in the well for an extended period of time, and that the Contractor operate the pumping unit for the treatment system manufacturers to perform pilot study testing.

Task 3.11 - Site Cleanup, Well Disinfection, and Video, Alignment, and Plumbness Surveys

We will provide periodic inspection during well disinfection to ensure that chlorine is applied at the proper concentration, that it is applied properly to the well and surged, and that the well is dechlorinated before being pumped to waste. Our inspector will also ensure that all trash is removed from the site and that the site is restored to preconstruction conditions. We will not recommend that District accept the work until acceptable bacteriological test results have been received and site is in acceptable condition.

Once the disinfection has been accepted, we will review the well video, alignment, and plumbness surveys to

ensure that the well is absent of any foreign material and that it meets required alignment and plumbness criteria. Following completion of the surveys, we will ensure that the Contractor completes the aboveground facilities in accordance with the specifications.

Task 3.12 - Final Inspection and Well Construction Acceptance

Prior to recommending that District accept the project, we will provide a comprehensive final inspection of the facilities with District staff in order to ensure that it is delivered to District as specified in the Contract Documents. At this time, we will prepare a construction deficiencies list (punch list) of items requiring remedial work. District staff will be provided the opportunity to review and approve the final punch list prior to transmitting same to the Contractor. We will confirm construction is complete, facilities operate as specified, and that all equipment has been adjusted and calibrated by equipment suppliers.

After all deficiencies are corrected, Krieger & Stewart will provide written notification to District recommending acceptance of the project. We will provide District with a recommended substantial completion date (if different from actual completion date) and actual completion date, prepare and file a Notice of Completion, and confirm that no stop notices have been filed prior to recommending final payment by District.

Well No. 25 Drilling, Pipeline, and Pumping/Treatment Plant



PHASE IV – WELL PUMPING AND TREATMENT PLANT DESIGN ENGINEERING

Task 4.1 - Meeting Attendance, Preparation, and Documentation

We will attend a Kickoff Meeting, Preliminary Design Technical Memorandum (PDTM) Review Meeting, 60% Design Review Meeting, 95% Design Review Meeting, and Pre-Bid Conference and Site Visit.

We will coordinate the scheduling of each meeting with District staff. Prior to each meeting, we will prepare a meeting agenda and, after each meeting, we will prepare a meeting minutes memorandum which will include meeting attendees, discussion items, and required follow-up action items.

Unless noted otherwise, all design-related documents will be provided to the District in electronic (PDF) format for review by District staff.

A description of the proposed topic(s) for each of the meetings is provided below:

➤ **Kickoff Meeting**

We will meet with District staff prior to beginning our engineering services to review our project approach in detail and discuss the project, including goals, objectives, schedule, and design criteria.

In preparing for this meeting, we will compile a summary of issues and concerns to be discussed for the proposed wellhead treatment facilities, including: project schedule, site concerns, belowground utility concerns, well pumping plant service constraints, and requirements that must be met during final design and construction.

➤ **PDTM Review Workshop**

We will meet with District staff upon completion of the PDTM to review our findings and recommendations regarding the proposed project, including the results of well (proximal and Well No. 25) water quality analyses, pilot studies, final design criteria, preliminary layouts of well pumping plant and treatment plant, preliminary construction cost estimates, and preliminary construction schedule, in order to establish

consensus prior to commencing final design of the new well pumping and treatment plant systems.

➤ **60% Design Review Meeting**

Once the Contract Documents are 60% complete, we will arrange a review meeting with District staff. The meeting will be used to review the Contract Documents in detail with District staff and obtain District review comments.

➤ **95% Design Review Meeting**

After the Contract Documents are 95% complete, we will schedule the 95% review meeting with District staff to obtain District review comments. During this meeting, we will confirm the specified sequence of work for the Contractor, confirm the facility startup plan, review the final estimated construction costs, and review the final estimated construction schedule.

➤ **Pre-Bid Conference and Site Visit**

We will attend a pre-bid conference and site visit with District staff and prospective bidders.

Task 4.2 - Review District Record Data

We will perform a detailed review of the data and reports, drawings, and studies provided by the District, including the following:

- Historic groundwater production data
- Well pumping plant record drawings
- Thompson Treatment Facility record drawings
- Well and treatment plant operational plans

Task 4.3 - Records Search

Provided in Phase II, Task 2.2.

Task 4.4 - Design Survey

Provided in Phase II, Task 2.3.

Task 4.5 - Geotechnical Investigation

Provided in Phase II, Task 2.4.

Well No. 25 Drilling, Pipeline, and Pumping/Treatment Plant



Task 4.6 - Electrical Service Design and Coordination

We will engage Southern California Utility Solutions (SCUS) to design the new electrical service for the Well No. 25 pumping plant and provide all required coordination with Southern California Edison (SCE) for obtaining an electrical service plan for same (we anticipate that the existing Thompson Plant electrical power distribution system has sufficient reserve capacity for the proposed treatment plant facilities). SCUS will also prepare any necessary SCE electrical service applications and will provide any necessary submittals to SCE. We will incorporate the SCE service plan into the Contract Documents and show all required SCE and District facilities on the construction drawings.

Task 4.7 - Utility Verification

Provided in Phase II, Task 2.6

Task 4.8 - Pilot Study Coordination

Pilot study testing is required to be performed in order for treatment system manufacturers to establish design criteria for treating the raw water from Well No. 25, including (but not limited to) type of treatment media/resin, treatment throughput (flux rate), backwash requirements, regeneration requirements, and chemical dosing requirements (e.g. oxidation, coagulation, pH adjustment, etc.) Based on the actual constituents present in Well No. 25 determined during well pump testing and water quality analysis, we will coordinate with the appropriate treatment system manufacturers for performing pilot study testing.

We will prepare pilot study testing protocol requirements and request that treatment system manufacturers perform pilot study testing on well water in order to determine design criteria for their treatment system(s). We will require that manufacturers perform pilot study testing in order to be qualified as acceptable manufacturers in the Specifications. While our proposal is based on the assumption that only nitrate treatment is required, if the water quality data lists other contaminants above the MCLs, we will review potential blending strategies and existing Thompson treatment plant capacities to bring contaminants below MCLs. If additional treatment is required, we will provide a separate proposal.

We will incorporate the manufacturer's design criteria and minimum required equipment and ancillary systems into the design, and will include pilot study testing results in the Contract Documents as an appendix.

Results and recommendations will be included in the Preliminary Design Technical Memorandum (see Task 4.10).

Task 4.9 - Pressure Surge Analysis

We will engage Flow Science Incorporated (Flow Science) to perform pressure surge analysis for the proposed facilities. Flow Science will analyze the proposed well pumping and treatment plant facilities for pressure surges resulting from well pumping unit shutdown as well as during filter backwash (when backwash supply water is provided from the distribution system). Flow Science's analysis will consider high surge pressures as well as low surge pressures (i.e. vacuum pressures).

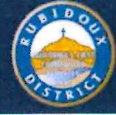
Flow Science will develop a hydraulic model of the system using the District's existing hydraulic model as a base. Using the hydraulic model, Flow Science will develop non-transient hydraulic grade lines (HGLs) and simulate pressure surges during well pumping unit shutdown for proposed Well No. 25 as well as existing adjacent Well Nos. 1A, 8, 18, and 25, and provide recommendation for pressure surge mitigation if determined necessary. Depending on the final treatment plant systems, Flow Science will perform the same analysis as described above for backwashing treatment vessels with water supplied from the distribution system. Flow Science will prepare a technical memorandum documenting the results of their analysis and recommendations.

The results and recommendations of the Flow Science's pressure surge analysis will be included in the preliminary design technical memorandum (see Task 4.10)

Task 4.10 - Preliminary Design Technical Memorandum (PDTM)

We will prepare a Draft Preliminary Design Memorandum (PDTM) documenting the results of our investigations and recommendations.

Well No. 25 Drilling, Pipeline, and Pumping/Treatment Plant



The PDTM will include the following:

- We will utilize water quality data obtained during well development and testing of Well No. 25 during Phase III (Task 3.10) and will conduct water quality analysis on one (1) well located proximal to the proposed Well No. 25 site. We will also review historic water quality data for the proximal well. For the proximal well, we will perform in-field sampling of the well to determine the current water quality. Samples will be analyzed for potential contaminants including (but not limited to), metal (e.g. iron, manganese, etc.), nitrate, perchlorate, 1,2,3-TCP, and PFAS.
- Well No. 25 will be pilot tested by treatment system manufacturers during well pump testing (Phase III, Task 3.10). The PDTM will include the results and conclusions of the pilot testing, and establish the final design criteria for any required treatment systems.
- We will perform a detailed review of the data and reports, drawings, and studies provided by District staff, including, existing treatment strategies used for existing wells and treatment plants. Consideration will also be made to frequency of backwashing, short- and long-term media degradation, media replenishment, media lifespan, and energy costs for the recommended treatment system(s) resulting from the pilot study testing.
- If required, we will review blending strategies and existing capacity at the Thompson Treatment Plant to reduce contaminants to below MCLs. If contaminant levels cannot be removed to below MCLs, we will review additional treatment requirements with District staff.
- Results of pressure surge analysis and associated recommendations.
- We will prepare a minimum of two (2) site layout alternatives for the well pumping plant site and treatment plant site for the recommended treatment systems and equipment
- We will prepare summary tables of all proposed equipment, equipment input/output signals, signal type, and signal source and destination

- We will prepare preliminary mechanical layout drawings showing the proposed well pumping plant and treatment plant facilities
- Required electrical power distribution facilities
- We will prepare preliminary construction cost and schedule estimates for the well pumping plant and treatment plant (updated construction cost and schedule estimates will be provided with the 60% and 95% Contract Documents).

We will provide an electronic (PDF) copy of a Draft PDTM to District staff for review. Based on the comments received from District staff at the PDTM review workshop, we will prepare the Final PDTM and submit an electronic (PDF) copy of same to District staff prior to commencing with 60% design of the well pumping plant and treatment plant.

Task 4.11 - 60% Contract Documents

Following preparation of the final PDTM, we will commence preparation of the 60% Contract Documents.

We envision the Contract Documents will include one set of drawings and specifications as follows:

➤ Construction Drawings

We anticipate that the construction drawings will consist of 48 sheets. The construction drawings will be prepared using the District's standard title block. Drawings will be organized into groups, including: general, civil, mechanical, architectural, structural, and electrical sheets.

The construction drawings will include the following:

- General information, general and specific construction notes, symbols, abbreviations, legends, and material/work schedules
- Treatment process schematics
- Civil grading, paving, piping, and electrical plans and details for the Well No. 25 site and the treatment plant site
- Mechanical and electrical plans for the well pumping plant facilities

Well No. 25 Drilling, Pipeline, and Pumping/Treatment Plant



- Mechanical and electrical plans for the treatment plant facilities, including ancillary systems (e.g. backwash supply water storage and pumping systems, backwash/regeneration waste water storage and pumping systems, chemical storage and pumping facilities, media regeneration system facilities, etc.)
- Treatment Plant Equipment Building mechanical and electrical plans, sections, and details
- Electrical power single-line diagrams, control diagrams, interconnection diagrams, conduit and conductor schedules, electrical switchgear plans and elevations

➤ Specifications

The specifications will be based on the District's latest standard format. The Specifications will include District front end documents (e.g. Notice Inviting Bid, Instructions to Bidders, Bid Sheets, Contract, Contract Appendix, and General Requirements), Special Requirements, Technical Specifications, and Standard Drawings. We will prepare bidding sheets tailored for the project.

We will also review the District's "front end" documents and provide recommendations for modification or revision of same. If District accepts any of our recommendations, we will utilize the Special Requirements to implement said recommendations.

The Special Requirements will address the following:

- Description of work
- Insurance requirements
- Preconstruction meeting and course of construction progress meetings
- Existing conditions and District reference drawings
- Materials and data to be furnished by Contractor
- Working days and hours
- Permits, Certificates, Laws, Ordinances, Rights-of-Way, and Easements

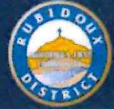
- Traffic control and City of Jurupa encroachment permit coordination
- Trench and excavation protection
- Geotechnical investigation
- Construction water and power
- Construction staking and survey
- Inspection requirements
- Project schedule
- Safety requirements
- Storage of materials and equipment (Contractor staging)
- Sanitation
- Records of construction
- Confined spaces
- Construction tolerances
- Noise and dust control
- Daily cleanup
- Equipment installation and testing
- Sequence of work
- Commissioning
- Storm water pollution and prevention requirements.

- The project will be subject to coverage under the *NPDES General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities*, State Water Resources Control Board Order No. 2022-0057-DWQ, NPDES Permit No. CAS000002 (Construction General Stormwater Permit). We will include detailed specifications in the Special Requirements for preparation and implementation of a SWPPP by the contractor for Krieger & Stewart to review on behalf of the District.

In addition, we will provide Technical Specifications for the following:

- Sitework and paving
- Concrete and masonry block
- Structural steel
- Treatment systems
- Pumping units (well and others)
- Chemical storage and pumping systems

Well No. 25 Drilling, Pipeline, and Pumping/Treatment Plant



- Piping and Valves
- Water storage tanks
- Electrical, instrumentation, and control systems
- Sequence of work and work restrictions
- Disinfection and testing
- Pressure testing
- Commissioning

We will provide the District with an electronic (PDF) copy of the 60% Contract Documents.

We will provide updated construction cost and schedule estimates with the 60% Contract Documents submittal.

Task 4.12 - 95% Contract Documents

Based on District staff's comments on the 60% Contract Documents, we will prepare the 95% Contract Documents. We will provide the District with an electronic (PDF) copy of the 95% Contract Documents.

We will provide updated (final) construction cost and schedule estimates with the 95% Contract Documents submittal.

Task 4.13 - Final Contract Documents

Based on District staff's comments on the 95% Contract Documents, we will prepare the Final Contract Documents. We will provide the District with an electronic (PDF) copy of the final signed and stamped Contract Documents for issuance by District staff to prospective bidders.

Task 4.14 – Bid Phase Support

It is our understanding that District staff will make copies of the Contract Documents available to Contractors, send the Notice Inviting Bids to local publications for legal advertising, and conduct the bid opening. During the bidding period, we will:

- Provide technical support to District related to project design and prepare written responses to all of the bidder's questions, and submit said responses to District for review.

- Attend the pre-bid meeting with District representatives.
- Prepare up to two (2) addenda to the Contract Documents.
- Prepare a tabulation of bid results, review low bidder's bid for completeness, and prepare recommendation of award.
- Prepare an electronic (PDF) conformed set of Contract Documents incorporating any changes made by addendum and the fully executed contract for distribution to each executing party, and one (1) hard copy for the District's records.

Well No. 25 Drilling, Pipeline, and Pumping/Treatment Plant



SECTION 2 – ESTIMATED FEE

Our estimated fees for engineering services for Phases I through IV outlined in **Section 1**, Scope of Services, are detailed in **Tables 2-1 through 2-4** (attached) and summarized below:

Table	Phase	Fee
2-1	I – Well Design	\$78,000
2-2	II – Pipeline Design	\$180,000
2-3	III – Well Construction	\$92,000
2-4	IV – Well Pumping and Treatment Design	\$396,000
Total:		\$746,000

Our engineering services fee estimates are based on the rates specified in our **2023 Fee Schedule** (also attached), and are subject to negotiation based on clarification or revision of the Scope of Services.

In addition, our fee estimates are based on the following understandings and assumptions:

1. It is unknown if focused surveys for species of concern will be required until after completion of the biological resources assessment (by others as part of NEPA preparation). If required, focused surveys would need to be performed by a biologist just prior to the onset of construction and are therefore not a part of this proposal.
2. Detailed design and implementation of any required modifications to the existing SCADA system will be by others. Krieger & Stewart will provide interconnection diagrams and narrative descriptions of the control strategy for the proposed facilities for District's use in implementing the required SCADA modifications.
3. The District will obtain and pay for all required permits; however, we will provide data, including construction drawings, figures, and/or exhibits for said permits, as requested by the District.
4. Encroachment permits for the exploratory geotechnical borings and utility potholing in public right-of-way will be acquired by Krieger & Stewart's subcontractors. No permits will be

required for the exploratory geotechnical borings and utility potholing performed on District property.

5. Acquisition of temporary or permanent easements is not anticipated for the proposed facilities; therefore, preparation of legal descriptions and plats for easements is not included in our proposal.
6. It is anticipated that the area to be disturbed will be greater than one acre; and therefore, preparation of Storm Water Pollution Prevention Plans (SWPPPs) will be required. The Construction Specifications prepared by Krieger & Stewart will contain requirements for the contractor to develop, implement, and maintain SWPPPs in accordance with State Water Resources Control Board (SWRCB) requirements.
7. Traffic control plans for construction of the proposed improvements will be prepared by the Contractor.
8. Encroachment permits for constructing proposed improvements in public right-of-way will be acquired by the Contractor.
9. Construction support services (e.g., RFI responses, submittal review, and inspection) for the Well No. 25 raw water pipeline and pumping/treatment plant are not included in this proposal, but can be provided in a separate proposal.
10. Plan review and approval by any agency other than the District will not be required.
11. Reports, drawings, data, and information prepared by others, which will be utilized by Krieger & Stewart in performing design engineering services, will be complete and accurate. Independent verification of same by Krieger & Stewart will not be required.
12. RCSD will advertise and distribute the bidding documents to prospective bidders. Krieger & Stewart will provide signed and stamped final Construction Documents to RCSD staff for

Well No. 25 Drilling, Pipeline, and Pumping/Treatment Plant



signatures. We will also provide RCSD with electronic files (PDF format) of all Specifications. RCSD will be responsible for providing hard copies, distributing the bidding documents, and providing bid phase coordination.

13. Manufacturer fees for Pilot Study Testing are not included in our proposal.
14. Our proposal includes design of nitrate treatment facilities as well as development of strategies for blending and rerouting connections as required to existing Thompson Treatment Plant to reduce contaminants to acceptable levels. If additional treatment is required, we will provide a separate proposal.

**TABLE 2-1
RUBIDOUX COMMUNITY SERVICES DISTRICT
WELL NO. 25 DRILLING, PIPELINE, AND PUMPING/TREATMENT
ESTIMATED FEES FOR ENGINEERING SERVICES**

PHASE I - WELL DESIGN ENGINEERING

TASK / COMPONENT	PRINCIPAL IN CHARGE (1)		PROJECT MANAGER (2)		LEAD DESIGN ENGINEER (2)		STAFF ENGINEER (3)		ENVIRONMENTAL SPECIALIST (4)		CADD SERVICES (5)		SUPPORT SERVICES (6)		TOTAL
	HOURS	\$	HOURS	\$	HOURS	\$	HOURS	\$	HOURS	\$	HOURS	\$	HOURS	\$	
PHASE I - WELL DESIGN ENGINEERING															
1.0 PROJECT MANAGEMENT AND ADMINISTRATION	***** INCLUDED IN TASKS 1.1 THROUGH 1.6 *****														
1.1 INITIAL MEETING	3	810	6	1,266											2,332
1.2 PREPARATION OF WELL SITTING PLAN			2	422	8	1,688			12	2,076			2	256	4,186
1.3 PERMITS AND DRINKING WATER SOURCE ASSESSMENT AND PROTECTION (DWSAP) ASSESSMENT REPORT			2	422	20	4,220	24	3,624	4	892			16	2,048	16,070
1.4 CEQA DOCUMENTS *	4	1,080	2	422	20	4,220	12	1,812	64	13,504	8	1,384	16	2,048	24,470
1.5 CONTRACT DOCUMENTS	8	2,160	2	422	36	7,596	36	5,436	8	1,384	8	1,384	32	4,096	21,094
1.6 BID PHASE SUPPORT	4	1,080	4	844	16	3,376	12	1,812					12	1,536	8,648
PHASE I SUBTOTAL:	19	5,130	18	3,798	100	21,100	84	12,684	88	18,568	32	5,536	78	9,984	76,800
															REIMBURSABLES @ 2%:
															1,536
															TOTAL FOR PHASE I ENGINEERING SERVICES: \$78,336
															TOTAL FOR PHASE I ENGINEERING SERVICES (ROUNDED): \$78,000

* CEQA SERVICES PROVIDED IN PHASE I ARE FOR THE ENTIRE WELL (PUMPING AND TREATMENT PLANT)(ACCESS ROAD)PIPELINE PROJECT. SPECIAL ENVIRONMENTAL STUDIES ARE NOT INCLUDED (PREPARED BY OTHERS WITH NEPA SERVICES).

KRIEGER & STEWARTS 2023 FEE SCHEDULE

- (1) PRINCIPAL ENGINEER @ \$270 /Hr
- (2) ASSOCIATE ENGINEER II @ \$211 /Hr
- (3) STAFF ENGINEER I @ \$151 /Hr
- (4) ASSOCIATE ENVIRONMENTAL II @ \$211 /Hr
- (5) OPERATOR III @ \$173 /Hr
- (6) STAFF TECHNICIAN III @ \$128 /Hr



TABLE 2-2
RUBIDOUX COMMUNITY SERVICES DISTRICT
WELL NO. 25 DRILLING, PIPELINE, AND PUMPING/TREATMENT
ESTIMATED FEES FOR ENGINEERING SERVICES
PHASE II - PIPELINE DESIGN ENGINEERING

TASK / COMPONENT	PRINCIPAL IN CHARGE (1)		PROJECT MANAGER (2)		LEAD DESIGN ENGINEER (3)		ASSOCIATE DESIGN ENGINEER (2)		CADD SERVICES (4)		SENIOR SURVEYOR (5)		2-MAN SURVEY CREW (6)		SUPPORT SERVICES (7)		OUTSIDE SERVICES		TOTAL	
	HOURS	\$	HOURS	\$	HOURS	\$	HOURS	\$	HOURS	\$	HOURS	\$	HOURS	\$	HOURS	\$	HOURS	\$	\$	
PHASE II - PIPELINE DESIGN ENGINEERING																				
2.0 PROJECT MANAGEMENT AND ADMINISTRATION	2	540	2	422	2	482	4	844	14	2,422	39	8,775	38	11,894	8	1,024			1,444	
2.1 PIPELINE DESIGN KICK-OFF MEETING			2	422	2	482	4	844	4	844	4	844	4	844					2,290	
2.2 RECORDS SEARCH			2	422	2	482	4	844	8	1,688	8	1,688	8	1,688					29,248	
2.3 DESIGN SURVEY AND BASE MAP			2	422	2	482	4	844	8	1,688	8	1,688	8	1,688					45,049	
2.4 GEOTECHNICAL INVESTIGATION			2	422	2	482	4	844	20	4,220	32	5,536	32	5,536					12,106	
2.5 BASE CONSTRUCTION DRAWINGS			2	422	2	482	4	844	8	1,688	8	1,688	8	1,688					36,149	
2.6 UTILITY VERIFICATION			2	422	2	482	4	844	36	7,586	40	6,920	40	6,920	24	3,072			22,406	
2.7 60% CONTRACT DOCUMENTS AND REVIEW MEETING			2	422	2	482	4	844	32	6,752	32	5,536	32	5,536	16	2,048			18,190	
2.8 95% CONTRACT DOCUMENTS AND REVIEW MEETING			2	422	2	482	4	844	8	1,688	8	1,688	8	1,688	8	1,024			5,000	
2.9 FINAL CONTRACT DOCUMENTS			2	422	2	482	4	844	12	2,532	12	2,532	12	2,532	4	512			5,452	
2.10 BID PHASE SUPPORT			8	2,160	20	4,220	54	13,014	132	27,852	126	21,798	38	11,894	63	8,064			177,334	
PHASE II SUBTOTAL:																			REIMBURSABLES @ 3%*	2,933
																			TOTAL FOR PHASE II ENGINEERING SERVICES:	\$180,267
																			TOTAL FOR PHASE II ENGINEERING SERVICES (ROUNDED):	\$180,000

OUTSIDE SERVICES
(8) INLAND AERIAL SURVEYS, INC.
(9) LEIGHTON CONSULTING, INC.
(10) BOUDREAU UTILITY LOCATING.

* REIMBURSABLES ARE PERCENTAGE OF K&S FEES ONLY, EXCLUDING OUTSIDE SERVICES. REIMBURSABLES FOR THIS PHASE INCLUDES COST FOR THREE (3) PRELIMINARY TITLE REPORTS.



TABLE 2-3
RUBIDOUX COMMUNITY SERVICES DISTRICT
WELL NO. 25 DRILLING, PIPELINE, AND PUMPING/TREATMENT
ESTIMATED FEES FOR ENGINEERING SERVICES
PHASE III - WELL CONSTRUCTION ENGINEERING

TASK / COMPONENT	PRINCIPAL IN CHARGE (1)	PROJECT MANAGER (2)	PROJECT ENGINEER (2)	STAFF ENGINEER (3)	CADD SERVICES (4)	CONSTRUCTION INSPECTOR REGULAR TIME (5)	SUPPORT SERVICES (6)	OUTSIDE SERVICES	TOTAL
	HOURS	HOURS	HOURS	HOURS	HOURS	HOURS	HOURS	HOURS	HOURS
	\$	\$	\$	\$	\$	\$	\$	\$	\$
PHASE III - WELL CONSTRUCTION ENGINEERING									
3.0 PROJECT MANAGEMENT AND ADMINISTRATION									
3.1 PRECONSTRUCTION CONFERENCE	4	2	22				4		2,200
3.2 CONTRACT ADMINISTRATION		2					12		7,680
3.3 CONDUCTOR CASING AND SANITARY SEAL CONSTRUCTION		2				8			1,638
3.4 PILOT BORE CONSTRUCTION, FORMATION SAMPLING, AND PILOT BORE REAMING	2	2	6			64			11,956
3.5 GEOPHYSICAL LOGS AND FORMATION ANALYSIS	6	2	10	16	8	8	4		9,680
3.6 WELL CASING AND GRAVEL PACK DESIGN AND MATERIALS SPECIFICATIONS AND SUBMITTALS REVIEW	6	2	22	16	4	8	2		11,264
3.7 WELL CONSTRUCTION	2	4				24			5,032
3.8 MECHANICAL WELL DEVELOPMENT	1	4				24			4,762
3.9 PUMPING AND SURGING WELL DEVELOPMENT	2	6				36			7,278
3.10 TEST PUMPING AND TREATMENT PILOT STUDY	1	4	16			40		12,094 (7)	22,664
3.11 SITE CLEANUP, WELL DISINFECTION, AND VIDEO ALIGNMENT, AND PLUMBNESS SURVEYS	1	4				16			3,546
3.12 FINAL INSPECTION AND WELL CONSTRUCTION ACCEPTANCE		2	6			4	2		2,552
PHASE III SUBTOTAL:	25	42	82	32	12	232	24	12,094	90,252
								REIMBURSABLES @ 2%*	1,563
									\$91,815
									\$92,000
OUTSIDE SERVICES									
(1) PRINCIPAL ENGINEER	@ \$270 /Hr								
(2) ASSOCIATE ENGINEER II	@ \$211 /Hr								
(3) STAFF ENGINEER I	@ \$151 /Hr								
(4) OPERATOR III	@ \$173 /Hr								
(5) CONSTRUCTION INSPECTOR-REGULAR	@ \$152 /Hr								
(6) STAFF TECHNICIAN III	@ \$128 /Hr								
OUTSIDE SERVICES									
(7) BABCOCK LABORATORIES, INC									
* REIMBURSABLES ARE PERCENTAGE OF K&S FEES ONLY, EXCLUDING OUTSIDE SERVICES									
TOTAL FOR PHASE I ENGINEERING SERVICES: \$91,815									
TOTAL FOR PHASE III ENGINEERING SERVICES (ROUNDED): \$92,000									

***** INCLUDED IN TASKS 3.1 THROUGH 3.12 *****

PHASE III SUBTOTAL: 25 42 82 32 12 232 24 12,094 90,252

REIMBURSABLES @ 2%* 1,563

TOTAL FOR PHASE I ENGINEERING SERVICES: \$91,815

TOTAL FOR PHASE III ENGINEERING SERVICES (ROUNDED): \$92,000

OUTSIDE SERVICES

(7) BABCOCK LABORATORIES, INC

* REIMBURSABLES ARE PERCENTAGE OF K&S FEES ONLY, EXCLUDING OUTSIDE SERVICES





KRIEGER & STEWART, INCORPORATED
FEE SCHEDULE
2023

CLASSIFICATION	RATES \$/Hr.
Consulting, Design, Construction, Engineering, Environmental, Commissioning, and Surveying Services (Office)	
Principal	270.00
Senior III	255.00
Senior II	241.00
Senior I	225.00
Associate III	217.00
Associate II	211.00
Associate I	204.00
Staff III	196.00
Staff II	173.00
Staff I	151.00
Computer Aided Design Services	
Operator III	173.00
Operator II	164.00
Operator I	154.00
Surveying Services (Field)	
2 Man Crew with Standard Equipment and Survey Truck	313.00
1 Man Crew with Standard Equipment and Survey Truck	242.00
3rd Man on Crew	145.00
Construction Services (Field)	
Construction Engineer	217.00
Electrical Inspector	192.00
Construction Inspector:	
Regular Time	152.00
Overtime:	
Weekdays (8 hours to 12 hours)	181.00
Weekdays (More than 12 hours)	218.00
Saturday (12 hours or less)	181.00
Saturday (More than 12 hours)	218.00
Sunday and Holiday (Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day and the Day After, Christmas Day)	218.00
Support Services	
Staff Technician III	128.00
Staff Technician II	122.00
Staff Technician I	117.00
Utility Clerk III	92.00
Utility Clerk II	85.00
Utility Clerk I	84.00



KRIEGER & STEWART, INCORPORATED
FEE SCHEDULE
2023
(continued)

CLASSIFICATION	RATES \$/Hr.
Outside Services	
Special Consultants and Purchased Services	Cost + 15%
Reimbursable Expenses	
Vehicle Mileage	0.72 /Mile
Travel and Subsistence, including Air Fare, Ground Fare, and Vehicle Parking	Cost
Specialized Rental Equipment	Cost
Copies, Delivery, Postage, Prints, Telephone, and Sundry Charges	Cost

The above rates are subject to change on or about January 1 each year due to salary and cost increases, except for Construction Inspector and Survey Crew rates which are also subject to change if California Department of Industrial Relations issues new prevailing wage determinations during the course of the year. A gasoline surcharge may be included in response to increased prices; no such surcharge will be included on project invoices without prior notification.

TERMS OF PAYMENT:

Unless charge accommodations have been established beforehand, all accounts shall be prepaid. For accounts having charge accommodations, payment in full shall be made within 30 days of date of invoice. Any amount unpaid within said 30 days will be assessed a service charge of 1-1/2% per month (18% annual percentage rate), with a minimum charge of 1.00. Accounts with a past due balance of 30 days or more are subject, without notice, to credit discontinuance and mechanic's lien or stop notice. If it becomes necessary for Krieger & Stewart to initiate legal proceedings for the collection of any balance due, the action shall be brought and tried in the Judicial Districts wherein Krieger & Stewart offices are located. Client agrees that the court may award reasonable attorney's fees and costs of suit to the prevailing party.

2023-FEES (10/25/2022)



SECTION 3 - PROJECT SCHEDULE

SCHEDULE

Our proposed project schedule for engineering services, organized by elements of service, is set forth in **Table 3-1**.

As shown, we anticipate submittal of final Contract Documents for Well Drilling and Construction (Phase I) by the end of December 2023, submittal of final Contract Documents for the Raw Water Pipeline (Phase II) by mid-June 2024, completion of well construction (Phase III) by end of July 2024, and submittal of final Contract Documents for the Well Pumping Plant and Treatment Plant (Phase IV) by end of February 2025.

This schedule is based on receiving Authorization to Proceed by August 23, 2023 and receiving copies of the environmental (biological and cultural resources) studies by November 1, 2023, and provides two weeks for District review of each specified design submittal. The estimated Phase III construction schedule is based on the efficiency and diligence of the well driller and treatment manufacturers performing pilot testing.

KRIEGER & STEWART'S COMMITMENT

Krieger & Stewart is well qualified to provide engineering services for the District's Well No. 25 project based upon our previous investigation and evaluation regarding the District's facilities and extensive engineering experience related to planning, design, and construction of wells, well pumping plants, and water treatment facilities.

The particular team that will be assigned to this project has been selected for their expertise with this type of facilities and for their availability to perform the services within the scheduled time. As such, our project team is prepared to proceed with providing the requested services immediately. In order to ensure that the service is completed on a timely basis, we will adhere to the following:

- In addition to scheduled meetings with District staff, we will participate in a weekly conferences with District's staff to review project status and we

will meet with District staff as needed to review various issues.

- If the project falls behind schedule, we will provide details to District staff on how we will get the project back on schedule.
- Team members will work overtime at no additional cost, as necessary to complete our services on schedule; and if we fall behind on the specified schedule, we will assign additional personnel to the project as necessary to return the project to the original schedule.

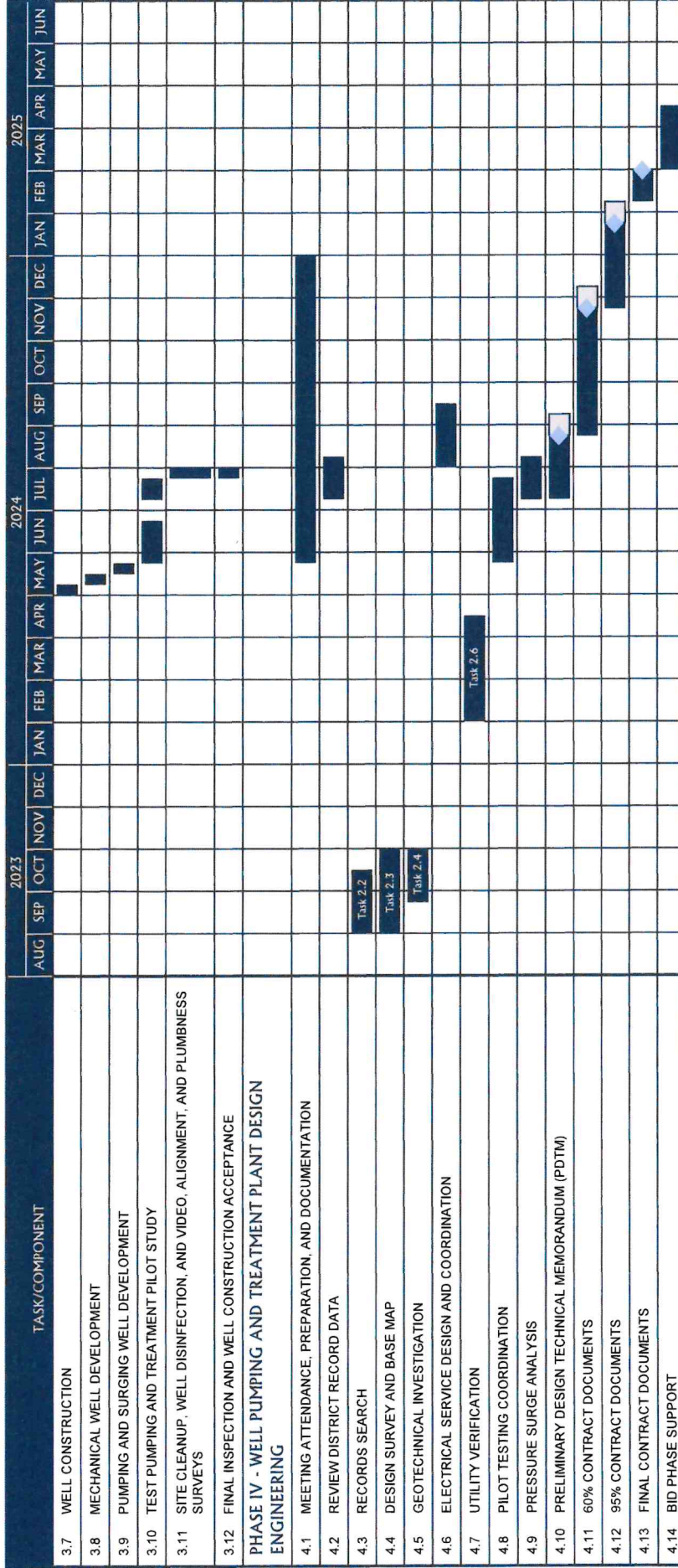


**TABLE 3-1
RUBIDOUX COMMUNITY SERVICES DISTRICT
WELL NO. 25 DRILLING, PIPELINE, AND PUMPING/TREATMENT
ESTIMATED PROJECT SCHEDULE**

TASK/COMPONENT	2023			2024			2025				
	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
PROJECT MANAGEMENT AND ADMINISTRATION											
PHASE I - WELL DESIGN ENGINEERING											
1.1 INITIAL MEETING											
1.2 PREPARATION OF WELL SITING PLAN											
1.3 PERMITS AND DRINKING WATER SOURCE ASSESSMENT AND PROTECTION (DWSAP) ASSESSMENT REPORT											
1.4 CEQA DOCUMENTS											
1.5 CONTRACT DOCUMENTS											
1.6 BID PHASE SUPPORT											
PHASE II - PIPELINE DESIGN ENGINEERING											
2.1 PIPELINE DESIGN KICK-OFF MEETING											
2.2 RECORDS SEARCH											
2.3 DESIGN SURVEY AND BASE MAP											
2.4 GEOTECHNICAL INVESTIGATION											
2.5 BASE CONSTRUCTION DRAWINGS											
2.6 UTILITY VERIFICATION											
2.7 60% CONTRACT DOCUMENTS AND REVIEW MEETING											
2.8 95% CONTRACT DOCUMENTS AND REVIEW MEETING											
2.9 FINAL CONTRACT DOCUMENTS											
2.10 BID PHASE SUPPORT											
PHASE III - WELL CONSTRUCTION ENGINEERING											
3.1 PRECONSTRUCTION CONFERENCE											
3.2 CONTRACT ADMINISTRATION											
3.3 CONDUCTOR CASING AND SANITARY SEAL CONSTRUCTION											
3.4 PILOT BORE CONSTRUCTION, FORMATION SAMPLING, AND PILOT BORE REAMING											
3.5 GEOPHYSICAL LOGS AND FORMATION ANALYSIS											
3.6 WELL CASING AND GRAVEL PACK DESIGN AND MATERIALS SPECIFICATIONS AND SUBMITTALS REVIEW											



**TABLE 3-1
RUBIDOUX COMMUNITY SERVICES DISTRICT
WELL NO. 25 DRILLING, PIPELINE, AND PUMPING/TREATMENT
ESTIMATED PROJECT SCHEDULE**



- LEGEND**
- K&S Services
 - District Review Period
 - Kick-Off Meeting
 - Deliverable
 - Review Meeting/Workshop

From: Yokoyama, Tori <tyokoyama@hazenandsawyer.com>
Sent: Monday, October 2, 2023 2:58 PM
To: Ted Beckwith
Cc: Miller, Cindy
Subject: RE: Well 25, Raw Water Pipeline and Associated Treatment

Hi Ted,
After internal discussion we've decided to decline submitting a proposal. Thanks for thinking of us though.

Tori Yokoyama, PE

Senior Associate | Hazen and Sawyer
7700 Irvine Center Drive, Suite 200, Irvine, CA 92618
(949) 557-8557 (direct) | (949) 351-4559 (cell)
tyokoyama@hazenandsawyer.com | hazenandsawyer.com

From: Ted Beckwith <tbeckwith@rcsd.org>
Sent: Friday, September 29, 2023 3:19 PM
To: Yokoyama, Tori <tyokoyama@hazenandsawyer.com>
Subject: RE: Well 25, Raw Water Pipeline and Associated Treatment

Great! I look forward to receiving your proposal. I must add the grant has a 3-year timeline on it and we're already about 3 months into that. I suppose USBR will most likely grant and extension but that is not guaranteed. My goal is to take this to the board on October 19 so need a proposal by the end of next week in order to prepare the board letter in time for publication. Due to the grant purchasing requirements I need to get three proposals.

Sincerely,
Ted



Ted Beckwith
Director of Engineering

Rubidoux Community Services District
3590 Rubidoux Blvd.
Jurupa Valley, CA 92509
(951) 684-7580

From: Yokoyama, Tori <tyokoyama@hazenandsawyer.com>
Sent: Friday, September 29, 2023 3:12 PM
To: Ted Beckwith <tbeckwith@rcsd.org>
Subject: RE: Well 25, Raw Water Pipeline and Associated Treatment

Hi Ted,
Great to hear from you. Yes we are definitely interested. Please send me the info you have on the project.

Tori Yokoyama, PE

Senior Associate | Hazen and Sawyer
7700 Irvine Center Drive, Suite 200, Irvine, CA 92618
(949) 557-8557 (direct) | (949) 351-4559 (cell)
tyokoyama@hazenandsawyer.com | hazenandsawyer.com

From: Ted Beckwith <tbeckwith@rcsd.org>
Sent: Friday, September 29, 2023 2:55 PM
To: Yokoyama, Tori <tyokoyama@hazenandsawyer.com>
Subject: Well 25, Raw Water Pipeline and Associated Treatment

Caution! *External email – think before you click*

Good afternoon, Tori!

The District, in collaboration with Western Municipal Water District and Riverside Highlands Water Company has received a grant from USBR for construction of a new groundwater well and associated treatment. Additionally, a raw water pipeline will need to be constructed from the proposed well site to our existing treatment facility at the Thompson Plant, which will need to be expanded to accommodate the increased volume of water needing treatment.

As you know, the District has contaminants consisting of PFAS, et al; Nitrate, Manganese, 123TCP and a minor amount of perchlorate in one of its wells. We had a preliminary study done and believe the chosen site has less contaminants but will not know until we drill a pilot well.

This project consists of pilot well drilling and logging, design of the wellhead, design of a raw water pipeline and additional treatment capacity at our existing Thompson Plant.

If interested please contact me via email and I will send to you the preliminary report so that you can prepare a proposal.

Sincerely,
Ted Beckwith

Sincerely,
Ted

From: Laine Carlson <lcarlson@wsc-inc.com>
Sent: Wednesday, October 25, 2023 4:01 PM
To: Ted Beckwith
Cc: Chris Deiter; Kirk Barron
Subject: RFP for District Well 25, Raw Water Pipeline and Related Treatment

Hi Ted,

Thank you for reaching out to WSC about this opportunity! While we are interested in the scope of this project, I wanted to let you know that we will not be able to provide a proposal due to short term staffing constraints. We currently have a heavy design workload with several project deadlines approaching so our design team needs to stay focused on those deliverables through November in order to meet our current schedule commitments. Unfortunately, that means we don't have the capacity to dig in and understand more about this project and prepare a quality proposal in a timeframe that meets your needs.

We hope that other firms are able to provide responses so you can move forward quickly, and we wish your team success with this project.

If the District has any other upcoming projects that you will need support with beyond November, we would appreciate the opportunity to connect again ahead of any other upcoming RFPs so we can learn more about your needs and plan ahead.

Thanks again for thinking of WSC, we hope to find an opportunity to work with you in the future.

Thank you,

Laine Carlson PE

C: [661.904.1870](tel:661.904.1870)

O: [909.483.3200](tel:909.483.3200) ext. 201

expectwsc.com

From: Ted Beckwith <tbeckwith@rcsd.org>
Sent: Tuesday, October 10, 2023 3:54 PM
To: Info <info@wsc-inc.com>
Subject: RFP for District Well 25, Raw Water Pipeline and Related Treatment

Good afternoon!

The District is looking for proposals to construct a new well along with a raw water pipeline from the well to its existing water treatment facility at the Leland Thompson Water Treatment Facility. Attached is a Tech Memo to locate the new well. The District has received a USBR Grant for this well and

treatment and has just under three years to complete the project and bring it on line under terms of the grant.

The project consists of drilling a pilot well, Developing the hydrogeology for the site to design the well, gathering water samples to determine the constituents requiring treatment, design of a raw water pipeline from the well site to the District's Well 8 and then joining with the raw water pipeline from Well 8 to the Existing Treatment Facility.

The District suspects there will be a need to treat for PFAS and possibly Nitrate and Manganese from this new well. The treatment facility will need expansion to accommodate the additional volume of water to be treated by adding an additional Manganese removal vessel, two more Ion Exchange Vessels and possibly Nitrate treatment as well.

Please provide a proposal before October 25 in order for staff to review it in conjunction with other proposals and put this project on the November 2 board agenda. If this time-frame is too short please let me know and I will push it back but would really appreciate it if you could provide it sooner than later.

If you should have any questions, please contact me.

Sincerely,
Ted



Ted Beckwith
Director of Engineering

Rubidoux Community Services District
3590 Rubidoux Blvd.
Jurupa Valley, CA 92509
(951) 684-7580

RESOLUTION No. 2022-890

A RESOLUTION OF THE BOARD OF
DIRECTORS OF RUBIDOUX COMMUNITY
SERVICES DISTRICT AUTHORIZING WESTERN
MUNICIPAL WATER DISTRICT'S
APPLICATION FOR AND APPROVING
NEGOTIATION AND EXECUTION OF A
COOPERATIVE AGREEMENT WITH THE UNITED
STATES BUREAU OF RECLAMATION FOR
FEDERAL FUNDING UNDER WATERSMART
DROUGHT RESILIENCY PROGRAM

WHEREAS, the Rubidoux Community Services District (Rubidoux) is a community services located in the City of Jurupa Valley, Riverside County; and

WHEREAS, Riverside County's imported water supply is facing a growing list of challenges associated with prolonged drought on the Colorado River, Delta instability, climate change, aging infrastructure, and growing population; and

WHEREAS, the western Riverside County region has been experiencing water quality issues in the local groundwater supply; and

WHEREAS, through the development of Western Municipal Water District (Western)'s Drought Contingency Plan, several well treatment projects were identified by various agencies; and

WHEREAS, the United States Bureau of Reclamation (USBR) under the WaterSMART Drought Resiliency (WaterSMART) Program will make funding available to qualifying applicants; and

WHEREAS, Rubidoux's Board of Directors, in partnership with Riverside Highland Water Company and Western, has identified a project that exemplifies the objectives of the WaterSMART program in its Building Groundwater Reliability and Resiliency: Regional Well Installation and Water Quality Treatment Project(Project); and

WHEREAS, all applicants wishing to obtain state and federal funding are required to provide a resolution designating

Authorized Agents to act on behalf of the applicant to receive these funds from the USBR; and

WHEREAS, Western will be the lead applicant on the grant application; and

WHEREAS, Western's General Manager and his designee will be designated as Authorized Agents for this purpose; and

WHEREAS, Rubidoux, in partnership with Riverside Highland Water Company and Western, agree to the administration and cost requirements of the grant criteria.

NOW, THEREFORE BE IT RESOLVED BY the Board of Directors that:

1) Western is hereby authorized to receive, if awarded, the WaterSMART funding and will make a good faith effort to enter into an agreement with the USBR for the receipt and administration of said grant funds.

2) Rubidoux agrees to abide by the federal award terms and conditions as set forth in the Articles of Agreement.

3) Western's General Manager Craig Miller, or his designee, is hereby authorized to take any and all action which may be necessary for the completion and execution of the Project agreement and to take any and all other action which may be necessary for the receipt and administration of the grant funding in accordance with the requirements of the USBR.

4) This resolution officially becomes a component part of Western's grant application that will be submitted to the USBR before June 15, 2022.

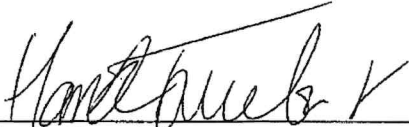
5) Rubidoux is capable of providing the amount of funding specified in the grant application funding plan and/or up to 50% of the cost-match.

6) Rubidoux agrees, if awarded, to cost share the grant administration costs of the Project.

7) This resolution shall be effective as of the date of adoption.


8) The Recitals set forth above are incorporated herein and made an operative part of this resolution.

ADOPTED this 5th day of May, 2022.



Hank Trueba
President of the Board of Directors

ATTEST:



Secretary of the Board of Directors

Rubidoux Community Services District

Board of Directors

Hank Trueba Jr., President
Bernard Murphy, Vice-President
Armando Muniz
F. Forest Trowbridge
John Skerbelis

General Manager
Jeffrey D. Sims



Water Resource Management Refuse Collection Street Lights Fire / Emergency Services Weed Abatement

DIRECTORS MEMORANDUM 2022-38

May 5, 2022

To: Rubidoux Community Services District
Board of Directors

Subject: Consider Adoption Of Resolution No. 2022-890 – A Resolution Authorizing Western Municipal Water District’s Application For And Approving Negotiation And Execution Of A Cooperative Agreement With The United States Bureau Of Reclamation For Federal Funding Under Watersmart Drought Resiliency Program

BACKGROUND:

The United States Bureau of Reclamation (USBR) WaterSmart Drought Resiliency Program is accepting applications for grant funding to help water service providers implement projects to mitigate impacts of drought.

Generally USBR supports applications having a regional benefit and to that end, Western Municipal Water District (Western) proposes taking the lead on a joint application under this funding opportunity entitled - “Building Groundwater Reliability and Resiliency: Regional Well Installation and Water Quality Treatment Project” (Project). The joint application proposes installation of groundwater wells and treatment facilities for Rubidoux Community Services District (Rubidoux), Riverside Highlands Water Company (Riverside Highlands), and Western. The application proposes increased utilization of local groundwater sources to enhance regional drought resiliency to reduce impacts of drought on the dependability of imported water deliveries from the State Water Project and Colorado River Aqueduct.

Rubidoux for this joint funding application proposes a project comprised of installing a new well and necessary treatment processes. The new well would be on land at 3590 Rubidoux Blvd. owned by Rubidoux and leverage use of piping and treatment processes currently in place for existing Well No. 2. The estimated project cost for Rubidoux’s proposed project is \$2,915,000 based on costs contained in Rubidoux’s draft 2022 Water Master Plan. If USBR approves the joint grant application at the requested amounts, Rubidoux would receive 50% of the project cost, or \$1,457,500. The local match funding of 50% would come from existing Rubidoux reserves and additions to reserves from water system capacity fees and rate revenues.

Riverside Highlands and Western proposed projects total \$10,058,620. Western proposes a \$7 million project with a 28% grant ask, \$2,012,690. Riverside Highlands proposes a \$3,058,620 project with a 50% grant ask, \$1,529,810.

If the joint application is successful and grant funding is received, the projects by the agencies would need to be implemented by March 31, 2026.

Western is taking the lead in preparation of the joint application on behalf of Rubidoux and Riverside Highlands, who are both retail agencies within Western's General District Boundaries. The application needs to be submitted to USBR by June 10, 2022, with a goal to have everything ready to go for the application by May 27, 2022. Western has requested two items requiring approval by Rubidoux's Board of Directors:

1. A letter of commitment for the joint application
2. An adopted resolution indicating support of the application, concurrence Western is lead and will be the administrator of the grant if awarded, and Rubidoux can produce the local match for the proposed project.

Staff supports seeking grant funding to help offset costs to build facilities benefiting Rubidoux's customers, increases drought resiliency, and enhances utilization of local groundwater supply. Staff appreciates Western including Rubidoux in the application and taking the lead in its preparation. Based on Western's request, staff has prepared the Letter of Commitment and Resolution No. 2022-890 for the Boards consideration.

RECOMMENDATION:

Staff recommends the Board of Directors consider the following:

1. Authorizing the General Manager to sign the Letter of Commitment
2. Approve and adopt Resolution No. 2022-890; A Resolution Authorizing Western Municipal Water District's Application For And Approving Negotiation And Execution Of A Cooperative Agreement With The United States Bureau Of Reclamation For Federal Funding Under Watersmart Drought Resiliency Program

Respectfully,

JEFFREY D. SIMS, P. E.
General Manager

Attach:

1. Letter of Commitment
2. Resolution No. 2022-890

Rubidoux Community Services District

Board of Directors

Bernard Murphy, President
John Skerbelis, Vice-President
Armando Muniz
F. Forest Trowbridge
Hank Trueba Jr.



General Manager

Brian R. Laddusaw

Water Resource Management Refuse Collection Street Lights Fire / Emergency Services Weed Abatement

DIRECTORS MEMORANDUM 2023-84

August 17, 2023

To: Rubidoux Community Services District
Board of Directors

Subject: Consider an Agreement between Rubidoux Community Services District ("District") and Western Municipal Water District ("Western Water") with the District as a Subrecipient of a Grant Awarded to Western in the United States Bureau of Reclamation ("USBR") Drought Resiliency Grant Program

BACKGROUND:

In May 2022, the District Board of Directors ("Board") adopted Resolution No. 2022-890, a resolution which applied for a joint grant with Western Water and Riverside Highlands Water Company ("Riverside Highlands"). The District was notified of receiving the award of this grant in March 2023 in the amount of \$1,457,500 from the United States Bureau of Reclamation ("USBR") for the construction of Well 25 and related treatment facilities. Well 25 is a Master Planned Well Facility with an expected cost including associated treatment facilities of approximately \$2,915,000 and this matching grant will cover about half of the cost of developing this well and associated treatment.

On July 10, 2023, Western Water received the Notice of Award of the Grant for which the District was a subrecipient in the amount of \$1,457,500 for the project. This is a matching grant by which the District must expend at least the amount of the award (50% match). The District has in its Fiscal Year 2023/24 budget \$1,700,000 in Water Capital Improvement Budget Line Item #12 in anticipation of receiving this grant.

As Western Water is the lead recipient of the grant and the District is a subrecipient, Western Water has prepared an agreement establishing the terms between the two parties which is attached. The terms of the agreement between Western Water and the District require the District to meet the terms of the USBR Grant as if the grant was awarded directly to the District. The attached notice of award for the grant specifies the terms of the grant to which the District will be bound. In brief, the terms require the District to submit certain performance reports

to USBR during construction of the well and related treatment and to award the contract for the construction by November 2024 with completion of the project by the end of September 2026. The District is currently working with its consultants to prepare the plans and bid documents for the construction of the well and related treatment. Staff expects to bring this action to the board in September 2023.

Western Water is bringing this agreement to Committee on September 5, 2023 and to its full board on September 20, 2023. Since the next meeting of the District's Board of Directors is not until September 7, 2023 this agreement should be signed now so the District signed version can be presented to Western Water's committee at the September 5, 2023 meeting.

RECOMMENDATION:

Staff recommends the Board of Directors authorize the General Manager to enter into an agreement with Western Water as a Subrecipient of a Grant Awarded to Western Water in the USBR Drought Resiliency Grant Program.

Respectfully,

BRIAN R. LADDUSAW, CPA
General Manager

Attach:

1. Notice of Award for the Grant
2. Agreement between Western Water and the District
3. Resolution 2022-890

8. **ACTION / DISCUSSION ITEMS** (continued)

- B. **DM 2023-99:** Distribution for Review and Discussion – Rubidoux
Community Services District Draft Financial Statements for Fiscal Year
Ending June 30, 2023

Rubidoux Community Services District

Board of Directors

Bernard Murphy, President
John Skerbelis, Vice-President
Armando Muniz
F. Forest Trowbridge
Hank Trueba Jr.

General Manager

Brian R. Laddusaw



Water Resource Management Refuse Collection Street Lights Fire / Emergency Services Weed Abatement

DIRECTORS MEMORANDUM 2023-99

November 2, 2023

To: Rubidoux Community Services District
Board of Directors

Subject: Distribution for Review and Discussion – Rubidoux Community Services District Draft
Financial Statements for Fiscal Year Ending June 30, 2023

BACKGROUND:

Attached for the Board of Director's review and discussion is Rubidoux Community Services District's draft financial statements for the fiscal year ending June 30, 2023. The financial statements were prepared by the CPA firm of Rogers, Anderson, Malody, and Scott (RAMS). The financial statements include RAMS independent auditor's report and contains management's discussion and analysis, government-wide financial statements, fund financial statements, notes to the financial statements, required supplementary information, other information, and the independent auditor's report on internal control.

The attached draft is currently going through the District's final review, however, no material changes are anticipated. As has been the District's practice, staff is presenting the Board with an advance copy to review at your leisure.

If you have any comments, questions, or concerns about anything in the draft financial statements, please bring it to staffs attention anytime between now and Thursday November 9, 2023, to present a final version of the draft financial statements for the Board's acceptance and filing.

RECOMMENDATION:

At the November 16, 2023, regular meeting, RAMS will be available to present the final draft financial statements to the Board of Directors, if requested by the Board. At the conclusion of final financial statement presentation and after any questions the Board members may have, the final draft financial statements will be presented to the Board for your acceptance and filing.

Respectfully,



BRIAN R. LADDUSAW, CPA
General Manager

Attachment(s): 2022/2023 Draft Annual Financial Statements

DRAFT
Subject To Change



Rubidoux Community Services District

Financial Statements

For the year ended June 30, 2023

Rubidoux Community Services District

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To be updated once MD&A complete

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Independent Auditor's Report

Board of Directors
Rubidoux Community Services District
Jurupa Valley, California

Report on the Audit of the Financial Statements

Opinions

We have audited the financial statements of the governmental activities, the business-type activities, and the major fund of Rubidoux Community Services District (District), as of and for the year ended June 30, 2023, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

In our opinion, the accompanying financial statements present fairly, in all material respects, the respective financial position of the governmental activities, the business-type activities, and the major fund of the District, as of June 30, 2023, and the respective changes in financial position and, where applicable, cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America and State Controller's Minimum Audit Requirements for California Special Districts.

Basis for Opinions

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS) and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States and the State Controller's *Minimum Audit Requirements for California Special Districts*. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the District and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Emphasis of Matter

As discussed in Note 1 to the financial statements, the District has adopted the provisions of Governmental Accounting Standards Board (GASB) Statement No. 96, Subscription-Based Information Technology Arrangements, for the year ended June 30, 2023. Our opinions are not modified with respect to this matter.

Responsibilities of Management for the Financial Statements

The District's management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the District's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS and *Government Auditing Standards* will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS and *Government Auditing Standards*, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the District's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the District's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and the schedules, as listed in the table of contents, be presented to supplement the basic financial statements. Such information is the responsibility of management and, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Information

Management is responsible for the other information, as listed in the table of contents. The other information does not include the financial statements and our auditor's report thereon. Our opinions on the financial statements do not cover the other information, and we do not express an opinion or any form of assurance thereon. In connection with our audit of the financial statements, our responsibility is to read the other information and consider whether a material inconsistency exists between the other information and the financial statements, or the other information otherwise appears to be materially misstated. If, based on the work performed, we conclude that an uncorrected material misstatement of the other information exists, we are required to describe it in our report.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated **October XX, 2023** on our consideration of the District's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the District's internal control over financial reporting and compliance.

Rogers, Anderson, Malody & Scott, LLP.

San Bernardino, California
October XX, 2023

**Rubidoux Community Services District
Management's Discussion and Analysis (unaudited)
June 30, 2023**

Our discussion and analysis of Rubidoux Community Services District's (RCSD or District) financial performance provides an overview of the District's financial activities for the fiscal year ended June 30, 2023. Please read it in conjunction with the accompanying basic financial statements.

Financial highlights

- The District's net position increased \$20,048,006 or 38.64%, as a result of this year's operations and non-operating activities.
- Total revenues and capital contributions from all sources amounted to \$39.0 million.
- The cost of all District activities amounted to \$23.0 million.
- Operationally, the Water Fund provided \$4,714,097, the Sewer Fund provided \$3,518,840 and the Solid Waste Disposal Fund provided \$9,592 to increase net position by \$8,242,529 in the enterprise funds. The total Governmental Activities increased by \$8,458,560.

Using this annual report

This annual report consists of a series of financial statements. The Statement of Net Position and the Statement of Activities provide information about the activities and performance of the District as a whole using accounting methods similar to those used by private sector companies. The Statement of Net Position includes all of the District's investments in resources (assets) and the obligations to creditors (liabilities). It also provides the basis for computing a rate of return, evaluating the capital structure of the District and assessing the liquidity and financial flexibility of the District. All of the current year's revenue and expenses are accounted for in the Statement of Activities. This statement measures the success of the District's operations over the past year and can be used to determine the District's profitability and credit worthiness.

Reporting the District as a whole

The Statement of Net Position and the Statement of Activities

One of the most important questions asked about the District's finances is, "Is the District as a whole better off or worse off as a result of this year's activities?" The Statement of Net Position and the Statement of Activities report information about the District as a whole and about its activities in a way that help answer this question. These statements include all assets and liabilities using the accrual basis of accounting, which is similar to the accounting used by most private-sector companies. All of the current year's revenues, capital contributions and expenses are taken into account regardless of when cash is received or paid.

These two statements report the District's net position and changes in them. You can think of the District's net position - the difference between assets and liabilities - as one way to measure the District's financial health, or financial position. Over time, increases or decreases in the District's net position are one indicator of whether its financial health is improving or deteriorating. You will need to consider other non-financial factors, such as changes in the District's property tax base and the types of grants the District applies for to assess the overall financial health of the District.

These two statements are presented in three different reporting categories, as follows:

- The first reporting measure is government-wide financial statements that provide both long-term and short-term information about the District's overall financial status - for both governmental and proprietary funds. The government-wide financial statements combine the structures of the two fund types used by the District - Governmental and Proprietary Funds.

**Rubidoux Community Services District
Management's Discussion and Analysis (unaudited)
June 30, 2023**

- The next reporting measure reflects governmental funds statements that tell how general government administration and services were financed in the short-term as well as what remains for future spending.
- The third and final reporting measure is proprietary fund statements that offer short and long-term financial information about the activities the District operates like businesses, such as the water, sewer, and solid waste disposal operations.

The governmental fund activities encompass general administrative responsibilities as well as administrative recording of fire protection and weed abatement efforts. Resultant financial data for these services, reflected in these financial statements, represents the net benefits flowing to the District.

Pensions

In government-wide financial statements, retirement plans (pensions) are required to be recognized and disclosed using the accrual basis of accounting (see Note 10 and the required supplementary information (RSI) section immediately following the Notes to the Financial Statements), regardless of the amount recognized as pension expenditures on the governmental fund statements, which use the modified accrual basis of accounting.

In general, the District recognizes a net pension liability, which represents the District's proportionate share of the excess of the total pension liability over the fiduciary net position of the pension reflected in the actuarial report provided by the California Public Employees' Retirement System (CalPERS).

The net pension liability is measured as of the District's prior fiscal year-end. Changes in the net pension liability are recorded in the period incurred as pension expense or as deferred inflows of resources or deferred outflows of resources depending on the nature of the change. The changes in net pension liability that are recorded as deferred inflows of resources or deferred outflows of resources (that arise from changes in actuarial assumptions or other inputs and differences between expected or actual experience) are amortized over the weighted average remaining service life of all participants in the respective pension plan and are recorded as a component of pension expense beginning with the period in which they are incurred.

For purposes of measuring the net pension liability and deferred outflows/inflows of resources relating to pensions and pension expense, information about the fiduciary net position of the District's pension plan and additions to/deductions from the plan's fiduciary net position have been determined on the same basis as they are reported by CalPERS. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

Projected earnings on pension investments are recognized as a component of pension expense. Differences between projected and actual investment earnings are reported as deferred inflows of resources or deferred outflows of resources and amortized as a component of pension expense on a closed basis over a five-year period beginning with the period in which the difference occurred. Each subsequent year will incorporate an additional closed basis five-year period of recognition.

Notes to the Basic Financial Statements

The notes provide additional information that is essential to a full understanding of the data provided in the government-wide and fund financial statements. The notes to the basic financial statements can be found on pages 23 through 48.

**Rubidoux Community Services District
Management's Discussion and Analysis (unaudited)
June 30, 2023**

The District as a whole

Our analysis focuses on the net position (Table 1) and changes in net position (Table 2) of the District as a whole:

Table 1
Assets, def. outflows, liabilities, def. inflows and net position, at year-end (in millions)

	Governmental		Proprietary Funds						Total	
	Activities		Water		Sewer		Solid Waste			
	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022
<i>Assets</i>										
Current and other assets	\$ 14.6	\$ 7.7	\$ 16.9	\$ 13.6	\$ 4.9	\$ 3.9	\$ 0.5	\$ 0.5	\$ 36.9	\$ 25.7
Capital assets	5.2	3.5	29.2	27.2	16.5	14.0	-	-	50.9	44.7
Deferred outflows	1.7	0.8	1.7	0.8	0.2	0.1	-	-	3.6	1.7
Total assets and deferred outflows	21.5	12.0	47.8	41.6	21.6	18.0	0.5	0.5	91.4	72.1
<i>Liabilities</i>										
Current liabilities	2.0	2.4	1.9	2.1	0.5	0.6	-	-	4.4	5.1
Noncurrent liabilities	4.7	1.9	8.9	6.6	0.4	0.2	-	-	14.0	8.7
Deferred inflows	0.5	1.1	0.5	1.1	0.1	0.1	-	-	1.1	2.3
Total liabilities and deferred inflows	7.2	5.4	11.3	9.8	1.0	0.9	-	-	19.5	16.1
<i>Net position</i>										
Net investment in capital assets	4.1	3.5	22.7	21.7	16.6	14.1	-	-	43.4	39.3
Restricted	1.1	-	5.5	1.6	3.0	0.9	-	-	9.6	2.5
Unrestricted	9.1	3.1	8.3	8.5	1.0	2.1	0.5	0.5	18.9	14.2
Total net position	\$ 14.3	\$ 6.6	\$ 36.5	\$ 31.8	\$ 20.6	\$ 17.1	\$ 0.5	\$ 0.5	\$ 71.9	\$ 56.0

The District's net position increase of 28.50% to \$71.9 million comes from the revenues and expense activity recorded in the Statement of Activities.

- Overall government-wide capital assets increased \$5,003,603 mostly due to the completion of a water enterprise treatment infrastructure project which began in prior fiscal year.
- As a whole, long-term debt increased \$2,380,210 due to principal payments on the Leland J. Thompson Water Facility loan and the water certificates of participation.

**Rubidoux Community Services District
Management's Discussion and Analysis (unaudited)
June 30, 2023**

The District as a whole, continued

- Unrestricted Net Position, the part of net position that can be used to finance day-to-day operations without constraints established by debt covenants or other legal requirements, increased \$7.9 million and amounted to \$18.9 million.

Table 2
Changes in net position for the year ended June 30, (in millions)

	Governmental		Proprietary Funds						Total	
	Activities		Water		Sewer		Solid Waste			
	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022
<i>Revenues</i>										
Operating revenue	\$ 9.0	\$ 1.0	\$ 7.4	\$ 6.7	\$ 3.3	\$ 3.2	\$ 5.0	\$ 4.4	\$ 24.7	\$ 15.3
Property taxes	4.6	4.1	-	-	-	-	-	-	4.6	4.1
Other	-	0.4	5.3	3.3	4.1	-	-	-	9.4	3.7
Total revenue	13.6	5.5	12.7	10.0	7.4	3.2	5.0	4.4	38.7	23.1
<i>Expenses</i>										
Operating/depreciation	5.2	4.3	8.6	7.9	3.9	3.3	5.2	4.2	22.9	19.7
Interest	-	-	0.2	0.2	-	-	-	-	0.2	0.2
Other	-	-	-	-	-	(1.3)	-	0.3	-	(1.0)
Total expenses	5.2	4.3	8.8	8.1	3.9	2.0	5.2	4.5	23.1	18.9
<i>Transfers in (out)</i>	(0.7)	-	0.6	-	-	-	0.2	-	0.1	-
Increase (decrease) in net position	\$ 7.7	\$ 1.2	\$ 4.5	\$ 1.9	\$ 3.5	\$ 1.2	\$ -	\$ (0.1)	\$ 15.7	\$ 4.2

Financial analysis of the District's unrestricted cash

At year-end the District reported combined unrestricted cash balances of \$25.9 million, which is an increase of \$5,608,529 or 27.53% from last year. Note 2 of the financial statements provide additional detail on cash balances. This increase is a result of timing differences of payments made subsequent to year-end.

General Fund budgetary highlights

The Rubidoux Community Services District budget is prepared annually. Over the course of the year, the Board reviews and revises its budget, if necessary, to reflect changes in programs, funding, and expenditure estimates. During fiscal year 2022-2023, revisions were made to the District's general budget to incorporate new Board approved appropriations for capital assets, projects, consulting expenses, etc.

An analysis of the District's budget versus actual is provided as a supplemental statement of Revenue, Expenditure and Changes in Fund Balance – Budget and Actual.

The favorable variance of \$426,527 in property tax revenue is primarily due to newly annexed properties, continued development within the District, and increased property assessed valuation, increasing the incremental property tax revenue. The favorable variance of \$6,314,100 in other revenue is primarily due to the increase of development and the collection of fire mitigation fees required when new residential and commercial buildings connect to the District's systems and the receipt of settlement proceeds. The favorable variance of \$141,556 in contract services is due to conservative budgeting practices for the fire contract services.

**Rubidoux Community Services District
Management's Discussion and Analysis (unaudited)
June 30, 2023**

Capital asset and debt administration

Capital assets

At June 30, 2023, the District had \$49.8 million invested in a broad range of capital assets for infrastructure and facilities. (See Note 5.) (See Table 3 below.) This amount represents a net increase of \$4.9 million, or 10.90%, above last year.

Table 3
Capital assets, at year-end (in millions)

Description	Governmental		Proprietary Funds				Total	
	Activities		Water		Sewer			
	2023	2022	2023	2022	2023	2022	2023	2022
Land	\$ 0.3	\$ 0.3	\$ 0.8	\$ 0.8	\$ -	\$ -	\$ 1.1	\$ 1.1
CIP	1.1	0.6	0.8	1.7	0.1	-	2.0	2.3
Structures and improvements	3.9	3.7	44.6	40.6	40.7	37.5	89.2	81.8
Equipment	1.1	1.1	2.0	2.0	0.8	0.7	3.9	3.8
Less depreciation	(2.3)	(2.1)	(19.1)	(17.8)	(25.0)	(24.2)	(46.4)	(44.1)
Total	\$ 4.1	\$ 3.6	\$ 29.1	\$ 27.3	\$ 16.6	\$ 14.0	\$ 49.8	\$ 44.9

Debt administration

At June 30, 2023, the District had \$7.9 million in debt liability versus \$5.6 million last year – an increase of 41.1% - as shown in Table 4. (See Note 8).

Table 4
Outstanding debt, at year-end (in millions)

Description	Governmental		Proprietary Funds				Total	
	Activities		Water		Sewer			
	2023	2022	2023	2022	2023	2022	2023	2022
Certificates of participation	\$ -	\$ -	\$ 1.3	\$ 2.0	\$ -	\$ -	\$ 1.3	\$ 2.0
Notes/loans payable	1.4	-	5.2	3.6	-	-	6.6	3.6
Subscription liability	-	-	-	-	-	-	-	-
Total	\$ 1.4	\$ -	\$ 6.5	\$ 5.6	\$ -	\$ -	\$ 7.9	\$ 5.6

Economic factors and next year's comments

There are several factors influencing the economy of the Rubidoux Community Services District (District)

Rubidoux Community Services District
Management's Discussion and Analysis (unaudited)
June 30, 2023

Economic factors and next year's comments (continued)

Contacting the District's financial management

This financial report is designed to provide our citizens, customers and creditors with a general overview of the District's finances and to show the District's commitment to accountability. If you have any questions about this report or need additional financial information, contact the District's Accounting Department at Rubidoux Community Services District, 3590 Rubidoux Blvd., Jurupa Valley, CA 92509.

Rubidoux Community Services District
Statement of Net Position
June 30, 2023

	Governmental Activities	Business-Type Activities	Total
ASSETS			
Current assets:			
Cash and cash equivalents (Note 2)	\$ 14,076,386	\$ 11,905,081	\$ 25,981,467
Accounts receivable, net (Note 4)	118,941	1,626,425	1,745,366
Internal balances (Note 6)	267,086	(267,086)	-
Interest receivable	119,327	149,684	269,011
Inventory	-	35,769	35,769
Prepayments and deposits	25,051	14,691	39,742
Total current assets	14,606,791	13,464,564	28,071,355
Noncurrent assets:			
Restricted - cash and cash equivalents (Notes 2 and 3)	1,111,854	7,859,526	8,971,380
Restricted - reserve funds (Notes 2 and 3)	-	742,397	742,397
Capital assets, not being depreciated (Note 5)	1,433,512	1,750,455	3,183,967
Capital assets, being depreciated/amortized, net (Note 5)	2,640,732	44,010,624	46,651,356
Total noncurrent assets	5,186,098	54,363,002	59,549,100
Total assets	19,792,889	67,827,566	87,620,455
DEFERRED OUTFLOWS OF RESOURCES			
Pension related (Note 10)	1,599,028	1,803,161	3,402,189
OPEB related (Note 11)	133,181	150,181	283,362
Total deferred outflows of resources	1,732,209	1,953,342	3,685,551

The accompanying notes are an integral part of these financial statements.

Rubidoux Community Services District
Statement of Net Position, continued
June 30, 2023

	<u>Governmental</u> <u>Activities</u>	<u>Business-Type</u> <u>Activities</u>	<u>Total</u>
LIABILITIES			
Current liabilities:			
Accounts payable	\$ 1,592,334	\$ 839,490	\$ 2,431,824
Accrued liabilities	68,552	142,960	211,512
Customer deposits	-	33,331	33,331
Developer deposits	258,035	-	258,035
Unearned revenue	-	53,174	53,174
Interest payable	-	5,435	5,435
Long-term liabilities - due within one year:			
Compensated absences (Note 9)	26,315	70,637	96,952
Certificates of participation (Note 8)	-	655,000	655,000
Notes payable (Note 8)	137,753	462,912	600,665
Subscription liability (Note 8)	-	12,695	12,695
Total current liabilities	2,082,989	2,275,634	4,358,623
Noncurrent liabilities:			
Long-term liabilities - due within more than one year:			
Compensated absences (Note 9)	78,943	211,912	290,855
Certificates of participation (Note 8)	-	683,487	683,487
Notes payable (Note 8)	1,264,545	4,728,749	5,993,294
Net pension liability (Note 10)	2,979,164	3,359,482	6,338,646
Total OPEB liability (Note 11)	347,602	391,979	739,581
Total noncurrent liabilities	4,670,254	9,375,609	14,045,863
Total liabilities	6,753,243	11,651,243	18,404,486
DEFERRED INFLOWS OF RESOURCES			
Pension related (Note 10)	320,529	361,449	681,978
OPEB related (Note 11)	134,896	152,117	287,013
Total deferred inflows of resources	455,425	513,566	968,991
NET POSITION			
Net investment in capital assets	4,074,244	39,230,931	43,305,175
Restricted for:			
Capital projects	-	5,836,389	5,836,389
Debt service	-	742,397	742,397
Note payable	1,111,854	2,023,137	3,134,991
Unrestricted	9,130,332	9,783,245	18,913,577
Total net position	\$ 14,316,430	\$ 57,616,099	\$ 71,932,529

The accompanying notes are an integral part of these financial statements.

Rubidoux Community Services District
Statement of Activities
For the year ended June 30, 2023

Functions/Programs	Program Revenues			Net (Expense) Revenue and Changes in Net Position		
	Expenses	Charges for Services	Capital Grants and Contributions	Governmental Activities	Business-Type Activities	Total
Governmental activities:						
Administrative and support	\$ 2,465,894	\$ 9,052,470	\$ -	\$ 6,586,576	\$ -	\$ 6,586,576
Contracted services	2,689,808	-	-	(2,689,808)	-	(2,689,808)
Interest and fiscal charges	41,271	-	-	(41,271)	-	(41,271)
Total governmental activities	5,196,973	9,052,470	-	3,855,497	-	3,855,497
Business-type activities:						
Water utility	8,796,460	7,361,548	-	-	(1,434,912)	(1,434,912)
Sewer utility	3,880,192	3,273,113	-	-	(607,079)	(607,079)
Solid waste disposal	5,167,843	5,026,244	-	-	(141,599)	(141,599)
Total business-type activities	17,844,495	15,660,905	-	-	(2,183,590)	(2,183,590)
Total primary government	\$ 23,041,468	\$ 24,713,375	\$ -	3,855,497	(2,183,590)	1,671,907
General revenues:						
Property taxes				4,557,827	-	4,557,827
Investment earnings				35,586	155,852	191,438
Bond replacement revenue				-	1,159,713	1,159,713
Contributed capital				-	5,616,736	5,616,736
Other non-operating revenue				-	2,756,624	2,756,624
Transfers				(737,194)	737,194	-
Total general revenues				3,856,219	10,426,119	14,282,338
Change in net position				7,711,716	8,242,529	15,954,245
Net position, beginning of year				6,604,714	49,373,570	55,978,284
Net position, end of year				\$ 14,316,430	\$ 57,616,099	\$ 71,932,529

The accompanying notes are an integral part of these financial statements.

Rubidoux Community Services District
Balance Sheet
General Fund
June 30, 2023

ASSETS

Cash and cash equivalents (Note 2)	\$ 14,076,386
Restricted cash (Note 2 & 3)	1,111,854
Accounts receivable, net (Note 4)	118,941
Internal balances (Note 6)	267,086
Interest receivable	119,327
Prepayments and deposits	<u>25,051</u>

Total assets \$ 15,718,645

LIABILITIES

Accounts payable	\$ 1,592,334
Accrued liabilities	68,552
Developer deposits	<u>258,035</u>

Total liabilities 1,918,921

FUND BALANCES

Nonspendable	25,051
Restricted	1,111,854
Assigned	3,488,411
Unassigned	<u>9,174,408</u>

Total fund balances 13,799,724

The accompanying notes are an integral part of these financial statements.

**Rubidoux Community Services District
Reconciliation of the General Fund Balance Sheet
to the Government-Wide Statement of Net Position
June 30, 2023**

Fund balances of governmental funds \$ 13,799,724

Amounts reported for governmental activities in the statement of net position are different because:

Capital assets used in governmental activities are not current financial resources and, therefore, are not reported in the governmental funds balance sheet. 4,074,244

Long-term liabilities applicable to the District are not due and payable in the current period and, accordingly, are not reported as governmental fund liabilities. All liabilities, both current and long-term, are reported in the statement of net position as follows:

Compensated absences	(105,258)
Note payable	(1,402,298)
Net pension liability	(2,979,164)
Total OPEB liability	(347,602)

Deferred inflows and outflows of resources related to pensions and OPEB have not been included in the governmental fund activity.

Deferred outflows of resources	1,732,209
Deferred inflows of resources	(455,425)

Net position of governmental activities **\$ 14,316,430**

The accompanying notes are an integral part of these financial statements.

Rubidoux Community Services District
Statement of Revenues, Expenditures and Changes in Fund Balance
General Fund
For the year ended June 30, 2023

REVENUES

Property taxes and weed abatement	\$ 4,557,827
Charges for administrative services	2,517,400
Licenses and permits	20,870
Interest earnings	35,586
Other revenue	6,514,200

Total revenues 13,645,883

EXPENDITURES

General government	3,121,348
Fire protection and weed abatement	2,689,808
Debt Service:	
Principal	139,252
Interest and fiscal charges	41,271

Total expenditures 5,991,679

Excess of revenues over (under) expenditures 7,654,204

OTHER FINANCING SOURCES (USES)

Proceeds from debt	1,541,550
Transfers in (out)	(737,194)

Total Other Financing Source 804,356

Net change in fund balance 8,458,560

Fund balance, beginning of year 5,341,164

Fund balance, end of year \$ 13,799,724

The accompanying notes are an integral part of these financial statements.

Rubidoux Community Services District
Reconciliation of the Statement of Revenues, Expenditures and Changes in
Fund Balance of the General Fund to the Government-Wide Statement of Activities
For the year ended June 30, 2023

Net change in fund balance - total governmental funds \$ 8,458,560

Amounts reported for governmental activities in the statement of activities are different because:

Governmental funds report capital outlays as expenditures. However, in the statement of activities, the cost of those assets is allocated over their estimated useful lives and recorded as depreciation expense. This is the amount by which depreciation expense exceeded capital outlays and asset disposals in the current period. 537,231

The issuance of long term liabilities provided current financial resource to be governmental funds, but issuing debt increased long-term liabilities in the Government-Wide Statement of Net Position. Repayment of long-term liabilities was an expenditure in governmental funds, but the repayment reduced long-term liabilities in the Government-Wide Statement of Net Position.

Proceeds from debt	(1,541,550)
Principal payments on long term liabilities	139,252

Governmental funds report revenues and expenditures primarily pertaining to long-term liabilities, which are not reported in the Statement of Activities. At the government-wide level, these activities are reported in the Statement of Net Position. This is the net expenditure reported in the governmental funds, which is not reported in the statement

Pension and OPEB related net adjustments	(12,826)
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Certain long-term assets and liabilities were reported in the Government-Wide Statement of Activities, but they did not require the use of current financial resources. Therefore, long-term assets and liabilities were not reported as expenditure in governmental funds. These amounts represented the changes in long-term liabilities

Change in compensated absences	131,049
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Change in net position of governmental activities	\$ 7,711,716
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The accompanying notes are an integral part of these financial statements.

Rubidoux Community Services District
Statement of Net Position
Proprietary Funds
June 30, 2023

	<u>Water Utility</u>	<u>Sewer Utility</u>	<u>Solid Waste Disposal</u>	<u>Total</u>
ASSETS				
Current assets:				
Cash and cash equivalents (Note 2)	\$ 10,422,770	\$ 1,482,311	\$ -	\$ 11,905,081
Accounts receivable, net (Note 4)	755,682	334,605	536,138	1,626,425
Interest receivable	113,884	35,800	-	149,684
Inventory	35,769	-	-	35,769
Prepayments and deposits	14,691	-	-	14,691
Total current assets	11,342,796	1,852,716	536,138	13,731,650
Noncurrent assets:				
Restricted - cash and cash equivalents (Notes 2 and 3)	4,830,024	3,029,502	-	7,859,526
Restricted - reserve funds (Notes 2 and 3)	742,397	-	-	742,397
Capital assets, not being depreciated (Note 5)	1,631,953	118,502	-	1,750,455
Capital assets, net of depreciation/amortization (Note 5)	27,549,174	16,461,450	-	44,010,624
Total noncurrent assets	34,753,548	19,609,454	-	54,363,002
Total assets	46,096,344	21,462,170	536,138	68,094,652
DEFERRED OUTFLOWS OF RESOURCES				
Pension related (Note 10)	1,599,028	204,133	-	1,803,161
OPEB related (Note 11)	133,181	17,000	-	150,181
Total deferred outflows of resources	1,732,209	221,133	-	1,953,342

The accompanying notes are an integral part of these financial statements.

Rubidoux Community Services District
Statement of Net Position, continued
Proprietary Funds
June 30, 2023

	<u>Water Utility</u>	<u>Sewer Utility</u>	<u>Solid Waste Disposal</u>	<u>Total</u>
LIABILITIES				
Current liabilities:				
Accounts payable	\$ 425,005	\$ 414,485	\$ -	\$ 839,490
Accrued liabilities	140,749	2,211	-	142,960
Customer deposits	33,331	-	-	33,331
Unearned revenue	-	-	53,174	53,174
Interest payable	5,435	-	-	5,435
Internal balances (Note 6)	103,249	163,837	-	267,086
Long-term liabilities - due within one year:				
Compensated absences (Note 9)	67,748	2,889	-	70,637
Certificates of participation (Note 8)	655,000	-	-	655,000
Note payable (Note 8)	462,912	-	-	462,912
Subscription liability (Note 8)	12,695	-	-	12,695
Total current liabilities	<u>1,906,124</u>	<u>583,422</u>	<u>53,174</u>	<u>2,542,720</u>
Noncurrent liabilities:				
Long-term liabilities - due within more than one year:				
Compensated absences (Note 9)	203,245	8,667	-	211,912
Certificates of participation (Note 8)	683,487	-	-	683,487
Note payable (Note 8)	4,728,749	-	-	4,728,749
Net pension liability (Note 10)	2,979,163	380,319	-	3,359,482
Total OPEB liability (Note 11)	347,604	44,375	-	391,979
Total noncurrent liabilities	<u>8,942,248</u>	<u>433,361</u>	<u>-</u>	<u>9,375,609</u>
Total liabilities	<u>10,848,372</u>	<u>1,016,783</u>	<u>53,174</u>	<u>11,918,329</u>
DEFERRED INFLOWS OF RESOURCES				
Pension related (Note 10)	320,529	40,920	-	361,449
OPEB related (Note 11)	134,896	17,221	-	152,117
Total deferred inflows of resources	<u>455,425</u>	<u>58,141</u>	<u>-</u>	<u>513,566</u>
NET POSITION				
Net investment in capital assets	22,650,979	16,579,952	-	39,230,931
Restricted				
Capital projects	2,806,887	3,029,502	-	5,836,389
Debt service	742,397	-	-	742,397
Note payable	2,023,137	-	-	2,023,137
Unrestricted	8,301,356	998,925	482,964	9,783,245
Total net position	<u>\$ 36,524,756</u>	<u>\$ 20,608,379</u>	<u>\$ 482,964</u>	<u>\$ 57,616,099</u>

The accompanying notes are an integral part of these financial statements.

Rubidoux Community Services District
Statement of Revenues, Expenses and Changes in Net Position
Proprietary Funds
For the year ended June 30, 2023

	Water Utility	Sewer Utility	Solid Waste Disposal	Total
OPERATING REVENUES				
Charges for current services	\$ 6,926,956	\$ 3,273,113	\$ 5,026,244	\$ 15,226,313
Other revenue	434,592	-	-	434,592
Total operating revenues	7,361,548	3,273,113	5,026,244	15,660,905
OPERATING EXPENSES				
Salaries and benefits	3,148,309	91,387	-	3,239,696
Contracted services	-	-	4,551,836	4,551,836
Electrical power	570,609	59,249	-	629,858
Operating expense	492,037	97,680	-	589,717
Maintenance and repairs	87,198	37,576	-	124,774
Operating treatment	937,310	2,004,532	-	2,941,842
Insurance	120,751	31,515	-	152,266
Professional fees	201,264	19,754	-	221,018
Bad debt	12,135	10,792	18,880	41,807
Other	590,958	51,116	-	642,074
Administrative fee	1,138,621	677,432	597,127	2,413,180
Total operating expenses	7,299,192	3,081,033	5,167,843	15,548,068
Operating income before depreciation	62,356	192,080	(141,599)	112,837
Depreciation/amortization expense	(1,263,746)	(799,159)	-	(2,062,905)
Operating income (loss)	(1,201,390)	(607,079)	(141,599)	(1,950,068)
NONOPERATING REVENUES (EXPENSES)				
Capital replacement	170,927	-	-	170,927
Capacity fees	1,388,516	897,181	-	2,285,697
Bond replacement revenue	1,159,713	-	-	1,159,713
Other revenues	300,000	-	-	300,000
Interest income	130,113	25,739	-	155,852
Interest expense	(233,522)	-	-	(233,522)
Total nonoperating revenues (expenses)	2,915,747	922,920	-	3,838,667
Income (loss) before contributions and transfers	1,714,357	315,841	(141,599)	1,888,599
TRANSFERS AND CAPITAL CONTRIBUTIONS				
Contributed capital	2,428,737	3,187,999	-	5,616,736
Transfers in (out)	571,003	15,000	151,191	737,194
Total transfers and capital contributions	2,999,740	3,202,999	151,191	6,353,930
Change in net position	4,714,097	3,518,840	9,592	8,242,529
Net position, beginning of year	31,810,659	17,089,539	473,372	49,373,570
Net position, end of year	\$ 36,524,756	\$ 20,608,379	\$ 482,964	\$ 57,616,099

The accompanying notes are an integral part of these financial statements.

Rubidoux Community Services District
Statement of Cash Flows
Proprietary Funds
For the year ended June 30, 2023

	Water Utility	Sewer Utility	Solid Waste Disposal	Total
Cash flows from operating activities:				
Cash receipts from customers	\$ 7,407,148	\$ 4,479,323	\$ 5,016,652	\$ 16,903,123
Cash paid to employees for salaries and benefits	(3,100,958)	(91,930)	-	(3,192,888)
Cash paid to vendors and suppliers	(3,098,464)	(2,282,995)	(4,570,716)	(9,952,175)
Cash paid for administrative fee	(1,150,756)	(677,432)	(597,127)	(2,425,315)
Net cash provided (used) by operating activities	56,970	1,426,966	(151,191)	1,332,745
Cash flows from noncapital financing activities:				
Proceeds from capacity fees	1,388,516	897,181	-	2,285,697
Bond replacement revenue	1,159,713	-	-	1,159,713
Other non-operating revenues (expenses), net	470,927	-	-	470,927
Transfers (to)/from other funds	571,003	15,000	151,191	737,194
Interfund borrowings	(77,719)	(32,291)	-	(110,010)
Net cash (used) by noncapital financing activities	3,512,440	879,890	151,191	4,543,521
Cash flows from capital and related financing activities:				
Acquisition and construction of capital assets	(769,421)	(117,425)	-	(886,846)
Proceeds from issuance of debt	2,043,450	-	-	2,043,450
Principal payments on capital debt	(1,082,830)	-	-	(1,082,830)
Principal payments on subscription liability	(13,000)	-	-	(13,000)
Interest payments on debt	(230,196)	-	-	(230,196)
Net cash provided (used) by capital and related financing activities	(51,997)	(117,425)	-	(169,422)
Cash flows from investing activities:				
Interest earnings	34,140	(6,275)	-	27,865
Net cash provided (used) by investing activities	34,140	(6,275)	-	27,865
Net increase in cash and cash equivalents	3,551,553	2,183,156	-	5,734,709
Cash and cash equivalents, beginning of year	12,443,638	2,328,657	-	14,772,295
Cash and cash equivalents, end of year	\$ 15,995,191	\$ 4,511,813	\$ -	\$ 20,507,004
Reconciliation to the Statement of Net Position				
Cash and cash equivalents	\$ 10,422,770	\$ 1,482,311	\$ -	\$ 11,905,081
Restricted cash and cash equivalents	4,830,024	3,029,502	-	7,859,526
Restricted reserve funds	742,397	-	-	742,397
Totals	\$ 15,995,191	\$ 4,511,813	\$ -	\$ 20,507,004

The accompanying notes are an integral part of these financial statements.

Rubidoux Community Services District
Statement of Cash Flows, continued
Proprietary Funds
For the year ended June 30, 2023

	<u>Water Utility</u>	<u>Sewer Utility</u>	<u>Solid Waste Disposal</u>	<u>Total</u>
Reconciliation of operating income (loss) to net cash provided (used) by operating activities:				
Operating income (loss)	\$ (1,201,390)	\$ (607,079)	\$ (141,599)	\$ (1,950,068)
Adjustments to reconcile operating income (loss) to net cash provided (used) by operating activities:				
Depreciation/amortization expense	1,263,746	799,159	-	2,062,905
Bad debt	12,135	10,792	18,880	41,807
Changes in assets and liabilities:				
(Increase) decrease in assets and deferred outflows of resources:				
Accounts receivable, net	346,997	1,195,418	(28,472)	1,513,943
Inventory	7,470	-	-	7,470
Prepayments and deposits	(2,239)	-	-	(2,239)
Deferred outflows of resources	(945,188)	(120,664)	-	(1,065,852)
Increase (decrease) in liabilities and deferred inflows of resources:				
Accounts payable	(103,568)	29,219	-	(74,349)
Unearned revenue	(300,000)	-	-	(300,000)
Accrued liabilities	26,309	(2,531)	-	23,778
Customer deposits	(13,532)	-	-	(13,532)
Compensated absences	8,214	350	-	8,564
Net pension liability	1,732,076	221,116	-	1,953,192
OPEB liability	(122,204)	(15,600)	-	(137,804)
Deferred inflows of resources	(651,856)	(83,214)	-	(735,070)
Total adjustments	1,258,360	2,034,045	(9,592)	3,282,813
Net cash provided (used) by operating activities	\$ 56,970	\$ 1,426,966	\$ (151,191)	\$ 1,332,745
Non-cash operating, noncapital and capital and related financing, and investing activities:				
Contributed Capital	\$ 2,428,737	\$ 3,187,999	-	5,616,736

Note 1: Summary of Significant Accounting Policies

Rubidoux Community Services District was organized under the provisions of the State of California on November 24, 1952. The District operates under a governing Board of Directors and provides the following services: fire protection, sewer service, solid waste disposal (trash billing and collection), weed control, water service and street lighting. The financial statements of the District have been prepared in conformity with Accounting Principles Generally Accepted in the United States of America (GAAP) as applied to enterprise funds of governmental units. The Governmental Accounting Standards Board (GASB) is the accepted standard-setting body for establishing governmental accounting and financial reporting principles. The District also follows the Uniform System of Accounts as prescribed by the Controller of the State of California.

The accompanying financial statements present the activities of the District. There are no component units included in this report which meet the criteria of any applicable Governmental Accounting Standards Board Statements.

The accompanying notes are an integral part of these financial statements.

Rubidoux Community Services District
Notes to the Financial Statements
June 30, 2023

Basis of Presentation and Basis of Accounting

Basis of Presentation

The basic financial statements of the District are composed of the following:

- Government-wide financial statements
- Fund financial statements
- Notes to the basic financial statements

Fund Accounting

The financial activities of the District are recorded in individual funds, each of which is deemed to be a separate accounting entity. The District uses fund accounting to report on its financial position and results of operations. Fund accounting is designed to demonstrate legal compliance and to aid financial management by segregating transactions related to certain government functions or activities. A fund is a separate accounting entity with a self-balancing set of accounts.

The financial activities of the District that are reported in the accompanying financial statements have been classified into the following major governmental and proprietary funds.

Governmental Funds

General Fund

This fund accounts for all activities of the District not specifically required to be accounted for in other funds. This fund primarily reflects general administrative type activities associated with overall management and record keeping for the District and contracted fire services.

Rubidoux Community Services District
Notes to the Financial Statements
June 30, 2023

Note 1: Summary of Significant Accounting Policies, continued

Basis of Presentation and Basis of Accounting, continued

Proprietary Funds

When the District charges for services it provides, these services are reported in proprietary funds. Proprietary funds are reported in the same way that all activities are reported in the Statement of Net Position and the Statement of Revenues, Expenses and Changes in Net Position.

Proprietary fund operating revenues and expenses are related to providing water, waste-water (sewer), and solid waste disposal services to the residents and businesses of the District. Revenue and expenses arising from capital and non-capital financing activities are presented as non-operating revenues and expenses.

The District has the following major proprietary funds:

- Water, sewer, and solid waste disposal funds. These funds account for the activities of the District's water supply system, pumping stations, collection systems and contracted sewer capacity arrangements, as well as contracted solid waste disposal operations.

Basis of Accounting

These statements include a Balance Sheet and a Statement of Revenues, Expenditures and Changes in Fund Balance for all major governmental funds. Accompanying these statements is a schedule to reconcile and explain the differences in fund balances as presented in these statements to the net position presented in the government-wide financial statements.

Governmental funds are accounted for on a spending or current financial resources measurement focus and the modified accrual basis of accounting. Accordingly, only current assets and liabilities are included on the Balance Sheet. The Statement of Revenues, Expenditures and Changes in Fund Balances present increases (revenues and other financing sources) and decreases (expenditures and other financing uses) in net current assets. Under modified accrual basis of accounting, revenues are recognized in the accounting period in which they become measurable and available to finance expenditures of the current period. Accordingly, revenues are recorded when received in cash, except that revenues subject to accrual (generally 60-days after year-end) are recognized when due. The primary sources susceptible to accrual for the District are property tax, interest earnings, investment revenue and operating and capital grant revenues. Expenditures are generally recognized under the modified accrual basis of accounting when the related fund liability is incurred.

Government-wide, governmental-net position and proprietary fund financial statements are reported using the economic resources measurement focus and the accrual basis of accounting. Revenues are recorded when earned and expenses are recorded at the time liabilities are incurred, regardless of when the related cash flows take place. Non-exchange transactions, in which the District receives value without directly giving equal value in return, include property taxes, grants, entitlements and donations. On an accrual basis, revenue from property taxes is recognized in the fiscal year for which the taxes apply. Property taxes are collected for the District by the County of Riverside. Revenue from grants, entitlements and donations are recognized in the fiscal year in which all eligibility requirements have been satisfied.

Rubidoux Community Services District
Notes to the Financial Statements
June 30, 2023

Note 1: Summary of Significant Accounting Policies, continued

Basis of Presentation and Basis of Accounting, continued

At the beginning of each fiscal year the District files an itemized estimate of anticipated revenue, other than current taxes, and of estimated expenditures for the General Fund with the Riverside County Auditor Controller.

The District's primary sources of revenue are from property taxes levied and controlled by Riverside County and billings by the District's Water Department. Other receipts are from Sewer Service and Solid Waste Disposal and Augmentation Funds from the State of California.

The District's Board of Directors approves total budgeted appropriations and expenditures on a bi-annual basis with annual adjustments on an as needed basis. The District adopts the budget on a basis consistent with generally accepted accounting principles (GAAP) of the United States of America. Only the Board of Directors is authorized to transfer or revise budget amounts of any fund.

Unused appropriations for all the annually budgeted funds lapse at the end of the fiscal year.

The budget amounts shown in the financial statements are the final authorized amounts as revised during the year.

Financial Statement Elements

Cash and Cash Equivalents

For the purpose of reporting cash flows, cash and cash equivalents include cash on hand, money market accounts, deposits with financial institutions and deposits in the State of California Local Agency Investment Fund and other investments with initial maturities of three months or less. Deposits in the Local Agency Investment Fund can be withdrawn at any time.

Investment in State Investment Pool

The District is a voluntary participant in the Local Agency Investment Fund (LAIF) that is regulated by the California Government Code under the oversight of the Treasurer of the State of California. The fair value of the District's investment in this pool is reported in the accompanying financial statements at amounts based upon the District's pro-rata share of the fair value provided by LAIF for the entire LAIF portfolio (in relation to the amortized cost of that portfolio). The balance available for withdrawal is based on the accounting records maintained by LAIF, which are recorded on an amortized basis. LAIF has a maximum transaction limit of 15 per month with a minimum amount of \$5,000. Any withdrawal of \$10,000,000 or more requires 24 hour notice.

Credit/Market Risk

The District provides water and wastewater services to local residential and commercial customers. As part of normal operating practices, credit is granted to local customers, on an unsecured basis.

Custodial credit risk for deposits is the risk that, in the event of the failure of a depository financial institution, a government will not be able to recover its deposits or will not be able to recover collateral securities that are in the possession of an outside party. The custodial credit risk for investments is the risk that, in the event of the failure of the counterparty (e.g. broker dealer) to a transaction, a government will not be able to recover the value of its investment or collateral securities that are in possession of another party. Custodial credit risk does not apply to a local government's indirect investment in securities through the use of mutual funds or government investment pools (such as LAIF).

Rubidoux Community Services District
Notes to the Financial Statements
June 30, 2023

Note 1: Summary of Significant Accounting Policies, continued

Financial Statement Elements, continued

The California Government Code requires California banks and savings and loan associations to secure a district's deposits by pledging government securities as collateral. The market value of pledged securities must equal at least 110% of a district's deposits. California law also allows financial institutions to secure direct deposits by pledging first trust deed mortgage notes having a value of 150% of a district's total deposits. The District may waive collateral requirements for deposits which are fully insured up to \$250,000 by the Federal Deposit Insurance Corporation (FDIC).

Accounts Receivable

The District extends credit to customers in the normal course of operations. Management review all accounts receivable as collectible; however, certain accounts are delinquent and an allowance for doubtful accounts has been recorded.

Property Taxes and Assessments

The Riverside County Assessor's Office assesses all real and personal property within the County each year. The Riverside County Tax Collector's Office bills and collects the District's share of property taxes and/or tax assessments. The Riverside County Treasurer's Office remits current and delinquent property tax collections to the District throughout the year. Property tax in California is levied in accordance with Article 13A of the State Constitution at one percent (1%) of countywide assessed valuations. Property taxes and assessments receivable at year-end are related to property taxes and special assessments collected by the Riverside County, which have not been credited to the District's cash balance as of June 30. The property tax calendar is as follows:

Lien date	March 1
Levy date	July 1
Due dates	November 1 and February 1
Collection dates	December 10 and April 10

Prepaid Expenses

Certain payments to vendors reflect costs or deposits applicable to future accounting periods and are recorded as prepaid items in the basic financial statements.

Materials and Supplies Inventory

Materials and supplies inventory consists primarily of materials used in the construction and maintenance of the District's water and wastewater systems and is valued at the lower of cost, using the first-in, first-out method.

Deferred Charges

Deferred charges (discount on COP's) are reported net of accumulated amortization. The costs are amortized on the straight-line method based on the estimated term of the related debt. Amortization expense is recorded to interest expense in the financial statements.

Rubidoux Community Services District
Notes to the Financial Statements
June 30, 2023

Note 1: Summary of Significant Accounting Policies, continued

Financial Statement Elements, continued

Restricted Assets

Various resources of the District are limited as to their use by law or by debt covenants and are classified on the balance sheet as restricted assets. Undisbursed debt proceeds are restricted for repayment of the debt. Also, fees imposed on new real estate developments are restricted by law for the construction of capital improvements which benefit the development projects.

Capital Assets

Capital assets purchased or constructed with a value over \$5,000 and a useful life of 3 or more years are carried at historical cost. Constructed costs include labor, materials and construction period interest expense (net of interest income). Contributed assets are stated at acquisition value at the time received by the District. Donated capital assets are recorded at acquisition value at the date donated.

Depreciation is calculated on the straight-line method over the estimated useful lives of the properties, ranging from five to fifty years, as follows:

Governmental Activities

- Land improvements – 30 years
- Structures and equipment – 3 to 30 years

Business-Type Activities

- Land improvements – 30 years
- Structures and improvements – 5 to 30 years
- Water transmission and distribution systems – 50 years
- Wastewater collection systems – 50 years
- Vehicles and equipment – 5 to 15 years

Compensated Absences

Vested or accumulated vacation and sick leave is recorded as an expense and liability as benefits accrue to employees.

Pensions

For purposes of measuring the net pension liability, deferred outflows of resources and deferred inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the Plan and additions to/deductions from the Plan's fiduciary net position have been determined on the same basis. For this purpose, benefit payments (including refunds of employee contributions) are recognized when currently due and payable in accordance with the benefit terms. Investments are reported at fair value.

GASB 68 requires that the reported results must pertain to liability and asset information within certain defined timeframes. For this report, the following timeframes are used:

Valuation Date	June 30, 2021
Measurement Date	June 30, 2022
Measurement Period	July 1, 2021 to June 30, 2022

Rubidoux Community Services District
Notes to the Financial Statements
June 30, 2023

Note 1: Summary of Significant Accounting Policies, continued

Financial Statement Elements, continued

Other Postemployment Benefits (OPEB)

For purposes of measuring the total OPEB liability, deferred outflows of resources and deferred inflows of resources related to OPEB, and OPEB expense, information about the fiduciary net position of the District's plan (OPEB Plan) and additions to/deductions from the OPEB Plan's fiduciary net position have been determined on the same basis. For this purpose, benefit payments are reported at fair value.

Generally accepted accounting principles require that the reported results must pertain to liability and asset information within certain defined timeframes. For this report, the following timeframes are used:

Valuation Date	June 30, 2022
Measurement Date	June 30, 2022
Measurement Period	July 1, 2021 to June 30, 2022

Deferred Inflows/Outflows of Resources

In addition to assets, the statement of financial position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, *deferred outflows of resources*, represents a consumption of net assets that applies to a future period and so will *not* be recognized as an outflow of resources (expense/expenditure) until then. The District has two items which qualifies for reporting in this category: pensions and OPEB. This amount is deferred and recognized as an outflow of resources in the period that the amount becomes available.

In addition to liabilities, the statement of financial position will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, *deferred inflows of resources*, represents an acquisition of net assets that applies to a future period and so will *not* be recognized as an inflow of resources (revenue) until that time. The District has two items which qualifies for reporting in this category: pensions and OPEB. This amount is deferred and recognized as an inflow of resources in the period that the amount becomes available.

Net Position

The government-wide financial statements utilize a net position presentation. Net position categories are as follows:

- *Net Investment in Capital Assets.* This component of net position consists of capital assets, net of accumulated depreciation and reduced by any outstanding debt outstanding against the acquisition, construction or improvement of those assets.
- *Restricted Net Position.* This component of net position consists of externally constrained resources imposed by creditors, grantors, contributors, or laws or regulations of other governments or constraints imposed by law through constitutional provisions or enabling legislation.
- *Unrestricted Net Position.* This component of net position consists of net position that does not meet the definition of *restricted* or *net investment in capital assets*.

It is the government's policy to consider restricted - net position to have been depleted before unrestricted net position is applied.

Rubidoux Community Services District
Notes to the Financial Statements
June 30, 2023

Note 1: Summary of Significant Accounting Policies, continued

Financial Statement Elements, continued

Fund Balance

In the fund financial statements, governmental funds report aggregate amounts for five classifications of fund balances based on the constraints imposed on the use of these resources. The nonspendable fund balance classification includes amounts that cannot be spent because they are either (a) not in spendable form - prepaid items or inventories; or (b) legally or contractually required to be maintained intact.

The spendable portion of the fund balance comprises the remaining four classifications; restricted, committed, assigned, and unassigned.

- *Restricted Fund Balance.* This classification reflects the constraints imposed on resources either (a) externally by creditors, grantors, contributors, or laws or regulations of other governments; or (b) imposed by law through constitutional provisions or enabling legislation.
- *Committed Fund Balance.* These amounts can only be used for specific purposes pursuant to constraints imposed by formal resolutions or ordinances of the District - the government's highest level of decision making authority. Those committed amounts cannot be used for any other purpose unless the District removes the specified use by taking the same type of action imposing the commitment. This classification also includes contractual obligations to the extent that existing resources in the fund have been specifically committed for use in satisfying those contractual requirements.
- *Assigned Fund Balance.* This classification reflects the amounts constrained by the District's "intent" to be used for specific purposes, but are neither restricted nor committed. The District has the authority to assign amounts to be used for specific purposes. Assigned fund balances include all remaining amounts (except negative balances) that are reported in governmental funds, other than the General Fund, that are not classified as nonspendable and are neither restricted nor committed.
- *Unassigned Fund Balance.* This fund balance is the residual classification for the General Fund. It is also used to report negative fund balances in other governmental funds.

When both restricted and unrestricted resources are available for use, it is the District's policy to use externally restricted resources first, then unrestricted resources - committed, assigned, and unassigned - in order as needed.

Utility Sales

Utility sales are billed on a monthly basis. Estimated unbilled utility revenue through June 30 has been accrued at year-end for the enterprise funds.

Capital Contributions

Capital contributions represent cash and capital asset additions contributed to the District by property owners, granting agencies or real estate developers desiring services that require capital connection expenditures or capacity commitment.

Rubidoux Community Services District
Notes to the Financial Statements
June 30, 2023

Note 1: Summary of Significant Accounting Policies, continued

Financial Statement Elements, continued

Administrative Fee

The administrative fees are paid by the Water Utility, Sewer Utility and Solid Waste Disposal funds to the General Fund for staff time such as customer service and finance functions. The administrative fees are approved within the annual budget by the Board.

Bond Replacement Revenue

These revenues are generated based on the water bill associated with the Certificates of Participation (COP) payback and are used to make COP debt service payments.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results could differ from those estimates.

New Accounting Pronouncements

GASB Statement No. 96 – As of July 1, 2022, the District adopted GASB Statement No. 96, Subscription-Based Information Technology Arrangements. This statement provides guidance on the accounting and financial reporting for subscription-based information technology arrangements (SBITAs) for government end users (governments). The implementation of this standard establishes a single model for accounting for Subscription-Based Information Technology Arrangements. The standard requires recognition of certain right to use assets and liabilities for subscription-based IT arrangements. As a result of implementing this standard, the District recognized a subscription liability and right-to-use subscription asset in the amount of \$25,695 and \$25,695 as of July 1, 2022. As a result of these adjustments there was no effect on beginning net position or fund balance. The additional disclosures required by this standard are included in Note 5 and Note 8.

The following new pronouncements may have an effect on the District when implemented:

Government Accounting Standards Board Statement No. 100

GASB Statement No. 100, Accounting Changes and Error Corrections – an amendment of GASB Statement No. 62 is effective for fiscal years beginning after June 15, 2023.

Rubidoux Community Services District
Notes to the Financial Statements
June 30, 2023

Note 2: Cash and Cash Equivalents

Cash and investment balances are presented in the financial statements as follows:

	<u>Governmental</u>	<u>Water Utility</u>	<u>Sewer Utility</u>	<u>Total</u>
Statement of Net Position:				
Current:				
Cash and cash equivalents	\$ 14,076,386	\$ 10,422,770	\$ 1,482,311	\$ 25,981,467
Non-current:				
Restricted - cash and cash equivalents	1,111,854	4,830,024	3,029,502	8,971,380
Restricted - reserve funds	-	742,397	-	742,397
Total cash and cash equivalents	<u>\$ 15,188,240</u>	<u>\$ 15,995,191</u>	<u>\$ 4,511,813</u>	<u>\$ 35,695,244</u>
Cash and cash equivalents:				
Deposits held with financial institutions	\$ 234,561	\$ 1,631,387	\$ 76,567	\$ 1,942,515
Cash on hand	-	1,800	-	1,800
Investments (certificates of deposit)	170,425	225,000	-	395,425
Local Agency Investment Fund (LAIF)	<u>14,783,254</u>	<u>14,137,004</u>	<u>4,435,246</u>	<u>33,355,504</u>
Total cash and cash equivalents	<u>\$ 15,188,240</u>	<u>\$ 15,995,191</u>	<u>\$ 4,511,813</u>	<u>\$ 35,695,244</u>

Authorized investments

The District's investment policy allows it to invest in US Treasury Bill, Notes, Bonds, US Agency obligations, Local Agency Investment Fund, certificates of deposit, money market mutual funds, commercial paper and savings accounts with certain limitations as explained in the policy.

Fair value measurements

The District categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; Level 3 inputs are significant unobservable inputs.

The District has the following recurring fair value measurements as of June 30, 2023:

- Local Agency Investment Fund (General Fund, \$14,783,254, Water \$14,137,004 and Sewer \$4,435,246) of \$33,355,504 is not subject to the fair value hierarchy.
- Certificates of Deposit (General Fund, \$170,425, Water \$225,000) of \$395,425 are valued at Level 2 – Significant Other Observable Inputs.

Rubidoux Community Services District
Notes to the Financial Statements
June 30, 2023

Note 3: Restricted Assets

The District is required to maintain reserve funds for debt service on outstanding bonds payable and certificates of participation. The following reflects reserve funds for the outstanding debt arrangement and all other restricted assets. Restricted cash funds consisted of the following on June 30, 2023:

	<u>Amount</u>
Governmental-type	
Note payable - 2022 Obligation	<u>\$ 1,111,854</u>
Business-type:	
Certificates of Participation - Series 1998:	
Funds held by fiscal agent in bond reserve	<u>\$ 742,397</u>
Other District funds held for connection/capacity fees and other future uses, as well as receivable amounts due as contribution capital:	
Sewer connection/capacity fees	3,029,502
Water connection/capacity fees	2,806,887
Water Note payable - 2022 Obligation	<u>2,023,137</u>
Total other district funds	<u>7,859,526</u>
 Total business-type restricted assets	 <u>\$ 8,601,923</u>

Rubidoux Community Services District
Notes to the Financial Statements
June 30, 2023

Note 4: Accounts Receivable

The detail of accounts receivable is as follows at June 30, 2023:

		Amount
Governmental		
Property taxes		\$ 118,941
Business-type		
Water Utility Fund		
Billed, net	\$ 285,886	
Unbilled	469,796	755,682
Sewer Utility Fund		
Billed, net	140,809	
Unbilled	193,796	334,605
Solid Waste Disposal Fund		
Billed, net	234,559	
Unbilled	301,579	536,138
Total business-type		1,626,425
Total accounts receivable, net		\$ 1,745,366

Allowance for doubtful accounts at June 30, 2023, is provided as follows:

Water Utility Fund		\$ 52,000
Sewer Utility Fund		15,000
Solid Waste Disposal Fund		38,000
Total		\$ 105,000

Rubidoux Community Services District
Notes to the Financial Statements
June 30, 2023

Note 5: Capital Assets

Property, plant and equipment were comprised of the following at June 30, 2023:

<i>Governmental-type activities</i>	Beginning Balance	Additions	Deletions	Ending Balance
Capital assets, not being depreciated				
Land	\$ 308,117	\$ -	\$ -	\$ 308,117
Construction in progress	634,002	630,333	(138,940)	1,125,395
Total capital assets, not being depreciated	942,119	630,333	(138,940)	1,433,512
Capital assets, being depreciated:				
Structures and improvements	3,718,183	138,940	-	3,857,123
Equipment	997,811	38,734	-	1,036,545
Total capital assets, being depreciated	4,715,994	177,674	-	4,893,668
Total accumulated depreciation	(2,121,100)	(131,836)	-	(2,252,936)
Total capital assets, being depreciated, net	2,594,894	45,838	-	2,640,732
Governmental activities capital assets, net	\$ 3,537,013	\$ 676,171	\$ (138,940)	\$ 4,074,244
	Depreciation Expense			
<i>Governmental Activities</i>				
Administration and support	\$ 131,836			

Rubidoux Community Services District
Notes to the Financial Statements
June 30, 2023

Note 5: Capital Assets, continued

Business-type Activities

Water Utility	Beginning Balance	Increases	Decreases	Ending Balance
Capital assets, not being depreciated:				
Land	\$ 793,240	\$ -	\$ -	\$ 793,240
Construction in progress	1,688,973	604,898	(1,455,158)	838,713
Total capital assets, not being depreciated	<u>2,482,213</u>	<u>604,898</u>	<u>(1,455,158)</u>	<u>1,631,953</u>
Capital assets, being depreciated/amortized:				
Structures and improvements	40,591,507	4,034,186	-	44,625,693
Equipment	1,964,678	14,232	-	1,978,910
Right-to-use subscription asset	-	25,695	-	25,695
Total capital assets, being depreciated/amortized	<u>42,556,185</u>	<u>4,074,113</u>	<u>-</u>	<u>46,630,298</u>
Less accumulated depreciation/amortization	<u>(17,817,378)</u>	<u>(1,263,746)</u>	<u>-</u>	<u>(19,081,124)</u>
Total capital assets, being depreciated/amortized, net	<u>24,738,807</u>	<u>2,810,367</u>	<u>-</u>	<u>27,549,174</u>
Total Water Utility capital assets, net	<u>27,221,020</u>	<u>3,415,265</u>	<u>(1,455,158)</u>	<u>29,181,127</u>
<i>Sewer Utility</i>				
Capital assets, not being depreciated:				
Land	17,825	-	-	17,825
Construction in progress	42,420	58,257	-	100,677
Total capital assets, not being depreciated	<u>60,245</u>	<u>58,257</u>	<u>-</u>	<u>118,502</u>
Capital assets, being depreciated:				
Structures and improvements	37,486,988	3,187,999	-	40,674,987
Equipment	709,852	59,168	-	769,020
Total capital assets, being depreciated	<u>38,196,840</u>	<u>3,247,167</u>	<u>-</u>	<u>41,444,007</u>
Less accumulated depreciation	<u>(24,183,398)</u>	<u>(799,159)</u>	<u>-</u>	<u>(24,982,557)</u>
Total capital assets, being depreciated, net	<u>14,013,442</u>	<u>2,448,008</u>	<u>-</u>	<u>16,461,450</u>
Total Sewer Utility capital assets, net	<u>14,073,687</u>	<u>2,506,265</u>	<u>-</u>	<u>16,579,952</u>
Total Business-type Activities capital assets, net	<u>\$ 41,294,707</u>	<u>\$ 5,921,530</u>	<u>\$ (1,455,158)</u>	<u>\$ 45,761,079</u>

Business-type Activities

Water Utility	\$ 1,263,746
Sewer Utility	<u>799,159</u>
Total Business-type activities	<u>\$ 2,062,905</u>

Rubidoux Community Services District
Notes to the Financial Statements
June 30, 2023

Note 6: Reconciliation of Interfund Receivables and Payables

Interfund transactions are reported as either loans, services provided, reimbursements, or transfers. Loans are reported as interfund receivables and payables, as appropriate, and are subject to elimination upon consolidation. Services provided, deemed to be at market or near market rates, are treated as revenues and expenditures/expenses. Reimbursements occur when one fund incurs a cost, charges the appropriate benefiting fund, and reduces its related cost as a reimbursement.

Interfund balances are as follows as of June 30, 2023:

Due From	Due To			
	General Fund	Water Utility	Sewer Utility	Total
General Fund	\$ -	\$ 893,625	\$ (1,160,711)	\$ (267,086)
Water Utility Fund	(893,625)	-	996,874	103,249
Sewer Utility Fund	1,160,711	(996,874)	-	163,837
Total	\$ 267,086	\$ (103,249)	\$ (163,837)	\$ -

Interfund transfers consist of operating transfers from funds receiving revenue to funds through which the resources are expended. The Solid Waste Disposal Fund transferred \$309,380 to the General Fund.

Note 7: Real Properties

Properties owned by the District are as follows:

- Property Site – Wilson Street and Agua Mansa Boulevard Treatment Plant (approximately 10 acres)
- Main Office – 3590 Rubidoux Boulevard
- Field Office Building – 6131 Limonite Avenue
- 9 Water Well Sites
- Vacant Lot – South Sedona Drive
- Vacant Lot – Mission Avenue
- Vacant Lot – Golden West Avenue
- Nitrate Wellhead Treatment Facility – 2100 Fleetwood Drive
- Manganese Treatment Facility – 5245 34th Street
- Well site #18 – 5245 34th Street
- Fort Fremont Parcel
- Land adjacent to District Office
- Goldenwest Reservoir Site
- 4 Reservoir Tanks
- Fire Station 38 – 5721 Mission Avenue

Rubidoux Community Services District
Notes to the Financial Statements
June 30, 2023

Note 8: Long-term Liabilities

Below is a schedule of the changes in long-term liabilities for the year ended June 30, 2023:

<u>Governmental Activities:</u>	<u>Beginning Balance</u>	<u>Additions</u>	<u>Deletions</u>	<u>Ending Balance</u>	<u>Due within one year</u>
General Fund:					
<i>Direct Borrowings:</i>					
Note payable - 2022 Obligation	\$ -	\$ 1,541,550	\$ (139,252)	\$ 1,402,298	\$ 137,753
Total General Fund	<u>\$ -</u>	<u>\$ 1,541,550</u>	<u>\$ (139,252)</u>	<u>\$ 1,402,298</u>	<u>\$ 137,753</u>
<u>Business-type activities:</u>	<u>Beginning Balance</u>	<u>Additions</u>	<u>Deletions</u>	<u>Ending Balance</u>	<u>Due within one year</u>
Water Utility Fund:					
<i>Other Debt:</i>					
1998 Certificates of Participation	\$ 1,970,000	\$ -	\$ (625,000)	\$ 1,345,000	\$ 655,000
Less: unamortized discount	(11,110)	-	4,597	(6,513)	-
<i>Direct Borrowings:</i>					
Note payable - State Drinking Water	3,606,041	-	(273,240)	3,332,801	280,310
Note payable - 2022 Obligation Water Portion	-	2,043,450	(184,590)	1,858,860	182,602
<i>SBITA Liability:</i>					
Subscription Liability	-	25,695	(13,000)	12,695	12,695
Total Water Utility	<u>\$ 5,564,931</u>	<u>\$ 2,069,145</u>	<u>\$ (1,091,233)</u>	<u>\$ 6,542,843</u>	<u>\$ 1,130,607</u>

Certificates of Participation – Other Debt

On June 1, 1998, the District issued Certificates of Participation (COP) in the amount of \$10,595,000 to advance refund the District's COP Series 1995 and to make improvements to the municipal water system.

In the case of default, the trustee may, with the consent of the certificate insurer and upon written notice from the owners of not less than 25% in aggregate principal amount of the Certificates at the time outstanding shall upon notice in writing to the District, exercise any and all remedies available pursuant to law or granted with respect to the installment sale agreement. In the event of any acceleration of the principal of the Certificates, the insured payments will be made at such times and in such amounts as would have been made had there not been an acceleration.

Maturities of the certificates of participation are as follows:

<u>Fiscal year ending June 30,</u>	<u>1998 Series Certificates of Participation</u>		
	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2024	\$ 655,000	\$ 51,893	\$ 709,533
2025	690,000	17,595	706,893
Total	<u>\$ 1,345,000</u>	<u>\$ 69,488</u>	<u>\$ 1,416,426</u>

Rubidoux Community Services District
Notes to the Financial Statements
June 30, 2023

Note 8: Long-term Liabilities, continued

Note Payable State Drinking Water – Direct Borrowing

The District entered into an agreement with the California Department of Public Health for a Safe Drinking Water State Revolving Fund loan in October 2010. The original agreement provided for a \$5,667,200 twenty-year loan at a 2.5707% interest rate for the purpose of financing construction projects to meet safe drinking water standards. This project was the construction of the Leland J. Thompson Water Treatment Facility. The note from direct borrowings are secured with collateral from net revenues from the Water Utility fund. In the event of default, outstanding amounts become immediately due if the District is unable to make payment and any further obligations of the State to make disbursements to the District will terminate.

Maturities of the note payable are as follows:

Fiscal year ending June 30,	State of California Note Payable		
	Principal	Interest	Total
2024	\$ 280,310	\$ 83,886	\$ 364,196
2025	287,562	76,634	364,196
2026	295,002	69,194	364,196
2027	302,634	61,562	364,196
2028	310,461	53,735	364,196
2029 - 2033	1,677,042	143,938	1,820,980
2034	179,790	2,311	182,101
Total	\$ 3,332,801	\$ 491,260	\$ 3,824,061

Note Payable 2022 Obligation – Direct Borrowing

In August 2022, the District secured a low interest loan with Webster Bank, National Association for \$3,585,000 at a rate of 3.05% per annum for the purposes of acquiring and remodeling a new administrative building and for remodeling its existing administrative building into a full-time operations facility.

Fiscal year ending June 30,	2022 Obligations Note Payable - General		
	Principal	Interest	Total
2024	\$ 137,753	\$ 42,770	\$ 180,523
2025	141,954	38,569	180,523
2026	146,284	34,239	180,523
2027	150,745	29,777	180,522
2028	155,343	25,180	180,523
2029 - 2033	670,219	51,872	722,091
Total	\$ 1,402,298	\$ 222,407	\$ 1,624,705

Rubidoux Community Services District
Notes to the Financial Statements
June 30, 2023

Note 8: Long-term Liabilities, continued

Note Payable 2022 Obligation – Direct Borrowing (Continued)

Fiscal year ending June 30,	2022 Obligations Note Payable - Water		
	Principal	Interest	Total
2024	\$ 182,602	\$ 56,695	\$ 239,297
2025	188,172	51,126	239,298
2026	193,911	45,387	239,298
2027	199,825	39,472	239,297
2028	205,920	33,378	239,298
2029 - 2033	888,430	68,761	957,191
Total	\$ 1,858,860	\$ 294,819	\$ 2,153,679

Subscription Liability – SBITA Liability

The District entered into a three year subscription with ESRI for the use of their software in 2021, which is a system utilized for geographic information system (GIS). As of June 30, 2023, the value of the subscription liability is \$25,695. The District is required to make annual fixed payments of \$13,000, with an interest rate of 2.40%. The value of the right to use asset as of June 30, 2023 of \$25,695 with an accumulated amortization of \$12,848.

Fiscal year ending June 30,	Subscription Liability		
	Principal	Interest	Total
2024	\$ 12,695	\$ 305	\$ 13,000
Total	\$ 12,695	\$ 305	\$ 13,000

Note 9: Compensated Absences

In concurrence with the District's Memorandum of Understanding (MOU), dated July 1, 2022, employees accumulate earned but unused vacation, sick leave and comp time, a portion of which will be paid to employees upon separation from the District. Once a year, the District "cashes out" to employees their sick leave hours in excess of 600 hours. All appropriate accruals were recorded in the respective funds. Accrued balances at June 30, 2023 were as follows:

	Beginning Balance	Net Change	Ending Balance	Due within One Year
Governmental Activities	\$ 236,307	\$ (131,049)	\$ 105,258	\$ 26,315
Business-Type Activities:				
Water Utility	262,779	8,214	270,993	67,748
Sewer Utility	11,206	350	11,556	2,889
Total Business-Type Activities	273,985	8,564	282,549	70,637
Total Compensated Absences	\$ 510,292	\$ (122,485)	\$ 387,807	\$ 96,952

Rubidoux Community Services District
Notes to the Financial Statements
June 30, 2023

Note 10: Pension Plan

A. General Information about the Pension Plan

Plan Description

All qualified permanent and probationary employees are eligible to participate in the Public Agency Cost-Sharing Multiple-Employer Defined Benefit Pension Plan (Plan or PERF C) administered by the California Public Employees' Retirement System (CalPERS.) The Plan consists of a miscellaneous pool and a safety pool (also referred to as "risk pools"), which are comprised of individual employer miscellaneous and safety rate plans, respectively. Plan assets may be used to pay benefits for any employer rate plan of the safety and miscellaneous pools. Accordingly, rate plans within the safety or miscellaneous pools are not separate plans under generally accepted accounting principles. Individual employers may sponsor more than one rate plan in the miscellaneous or safety risk pools. The District sponsors three rate plans (two miscellaneous and one safety). Benefit provisions under the Plan are established by State statute and District resolution. CalPERS issues publicly available reports that include a full description of the pension plan regarding benefit provisions, assumptions and membership information that can be found on the CalPERS' website, at www.calpers.ca.gov.

Benefits Provided

CalPERS provides service retirement and disability benefits, annual cost of living adjustments and death benefits to plan members, who must be public employees and beneficiaries. Benefits are based on years of credited service, equal to one year of full-time employment. Members with five years of total service are eligible to retire at age 50 with statutorily reduced benefits. All members are eligible for non-duty disability benefits after 5 years of service. The death benefit is one of the following: the Basic Death Benefit, the 1957 Survivor Benefit, or the Optional Settlement 2W Death Benefit. The cost-of-living adjustments for each plan are applied as specified by the Public Employees' Retirement Law.

Rubidoux Community Services District
Notes to the Financial Statements
June 30, 2023

Note 10: Pension Plan, continued

A. General Information about the Pension Plan, continued

The Plan operates under the provisions of the California Public Employees' Retirement Law (PERL), the California Public Employees' Pension Reform Act of 2013 (PEPRA), and the regulations, procedures and policies adopted by the CalPERS Board of Administration. The Plan's authority to establish and amend the benefit terms are set by the PERL and PEPRA, and may be amended by the California state legislature and in some cases require approval by the CalPERS Board.

The Plan's provisions and benefits in effect at June 30, 2023 are summarized as follows:

	Miscellaneous	
	Prior to January 1, 2013	On or after January 1, 2013
Hire date		
Benefit formula	2% @ 62	3% @ 60
Benefit vesting schedule	5 years service	5 years service
Benefit payments	monthly for life	monthly for life
Retirement age	52-67	50-67
Monthly benefits, as a % of eligible compensation	1.0% to 2.5%	2.0% to 3.0%
Required employer contribution rates for 2023	6.750%	8.000%
	Safety*	
	Prior to January 1, 2013	On or after January 1, 2013
Hire date		
Benefit formula	3% @ 50	2.0% @ 55
Benefit vesting schedule	5 years service	5 years service
Benefit payments	monthly for life	monthly for life
Retirement age	50	50-67
Monthly benefits, as a % of eligible compensation	3.0%	1.4% to 2.4%
Required employer contribution rates for 2023	0.000%	0.000%

*As of 1990, the District elected to contract its fire services and no longer has safety employees.

Contributions

Section 20814(c) of the California Public Employees' Retirement Law (PERL) requires that the employer contribution rates for all public employers are determined on an annual basis by the actuary and shall be effective on the July 1 following notice of a change in the rate. The total plan contributions are determined through CalPERS' annual actuarial valuation process. The actuarially determined rate is the estimated amount necessary to finance the costs of benefits earned by employees during the year, with an additional amount to finance any unfunded accrued liability. The employer is required to contribute the difference between the actuarially determined rate and the contribution rate of employees. Employer contribution rates may change if plan contracts are amended. Payments made by the employer to satisfy contribution requirements that are identified by the pension plan terms as plan member contribution requirements are classified as plan member contributions. Employer Contributions to the Plan for the fiscal year ended June 30, 2023 were \$780,844. The actual employer payments of \$712,970 made to CalPERS by the District during the measurement period ended June 30, 2022 differed from the District's proportionate share of the employer's contributions of \$1,062,507 by \$349,537 which is being amortized over the expected average remaining service lifetime in the Public Agency Cost-Sharing Multiple Employer Plan.

Rubidoux Community Services District
Notes to the Financial Statements
June 30, 2023

Note 10: Pension Plan, continued

B. Net Pension Liability

The District's net pension liability for each Plan is measured as the total pension liability, less the pension plan's fiduciary net position. The net pension liability of each Plan is measured as of June 30, 2022, using an annual actuarial valuation as of June 30, 2021 rolled forward to June 30, 2022 using standard update procedures. A summary of principal assumptions and methods used to determine the net pension liability is as follows.

Actuarial Methods and Assumptions Used to Determine Total Pension Liability

The collective total pension liability for the June 30, 2022 measurement period was determined by an actuarial valuation as of June 30, 2021, with update procedures used to roll forward the total pension liability to June 30, 2022. The collective total pension liability was based on the following assumptions:

Valuation Date	June 30, 2021
Measurement Date	June 30, 2022
Actuarial Cost Method	Entry age actuarial cost method
Asset Valuation Method	Market value of assets
Actuarial Assumptions:	
Discount Rate	6.90%
Inflation	2.30%
Salary Increases	Varies by entry age and service
Mortality Rate Table (1)	Derived using CalPERS' membership data for all funds
Post Retirement Benefit Increase	The lesser of contract COLA or 2.30% until Purchasing Power Protection Allowance floor on purchasing power applies, 2.30% thereafter.

- (1) The mortality table used was developed based on CalPERS' specific data. The probabilities of mortality are based on the 2021 CalPERS Experience Study for the period from 2001 to 2019. Pre-retirement and Post-retirement mortality rates include generational mortality improvement using 80% of Scale MP-2020 published by the Society of Actuaries. For more details on this table, please refer to the CalPERS Experience Study and Review of Actuarial Assumptions report from November 2021 that can be found on the CalPERS website.

Long-term Expected Rate of Return

The long-term expected rate of return on pension plan investments was determined using a building-block method in which expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class.

In determining the long-term expected rate of return, CalPERS took into account both short-term and long-term market return expectations. Using historical returns of all of the funds' asset classes, expected compound (geometric) returns were calculated over the next 20 years using a building-block approach. The expected rate of return was then adjusted to account for assumed administrative expenses of 10 Basis points.

Rubidoux Community Services District
Notes to the Financial Statements
June 30, 2023

Note 10: Pension Plan, continued

B. Net Pension Liability, continued

The expected real rates of return by asset class are as follows:

<u>Asset Class</u>	<u>Assumed Asset Allocation</u>	<u>Real Return ^{1,2}</u>
Global equity - cap-weighted	30.0%	4.54%
Global equity - non-cap-weighted	12.0%	384.00%
Private equity	13.0%	7.28%
Treasury	5.0%	27.00%
Mortgage-backed securities	5.0%	50.00%
Investment grade corporates	10.0%	1.56%
High yield	5.0%	2.27%
Emerging market debt	5.0%	2.48%
Private debt	5.0%	3.57%
Real assets	15.0%	3.21%
Leverage	(5.0%)	(0.59%)

¹ An expected inflation of 2.3% used for this period

² Figures are based on the 2021 Asset Liability Management study

Change of Assumptions

Effective with the June 30, 2021, valuation date (2022 measurement date), the accounting discount rate was reduced from 7.15% to 6.90%. In determining the long-term expected rate of return, CalPERS took into account long-term market return expectations as well as the expected pension fund cash flows. Projected returns for all asset classes are estimated, combined with risk estimates, and are used to project compound (geometric) returns over the long term. The discount rate used to discount liabilities was informed by the long-term projected portfolio return. In addition, demographic assumptions and the inflation rate assumption were changed in accordance with the 2021 CalPERS Experience Study and Review of Actuarial Assumptions.

Discount Rate

The discount rate used to measure the total pension liability for PERF C was 6.90%. The projection of cash flows used to determine the discount rate assumed that contributions from plan members will be made at the current member contribution rates and that contributions from employers will be made at statutorily required rates, actuarially determined. Based on those assumptions, the Plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

Rubidoux Community Services District
Notes to the Financial Statements
June 30, 2023

Note 10: Pension Plan, continued

B. Net Pension Liability, continued

Subsequent Events

On July 12, 2021, CalPERS reported a preliminary 21.3% net return on investments for fiscal year 2020-21. Based on the thresholds specified in CalPERS Funding Risk Mitigation policy, the excess return of 14.3% prescribes a reduction in investment volatility that corresponds to a reduction in the discount rate used for funding purposes of 0.20%, from 7.00% to 6.80%. Since CalPERS was in the final stages of the four-year Asset Liability Management (ALM) cycle, the board elected to defer any changes to the asset allocation until the ALM process concluded, and the board could make its final decision on the asset allocation in November 2021.

On November 17, 2021, the board adopted a new strategic asset allocation. The new asset allocation along with the new capital market assumptions, economic assumptions and administrative expense assumption support a discount rate of 6.90% (net of investment expense but without a reduction for administrative expense) for financial reporting purposes. This includes a reduction in the price inflation assumption from 2.50% to 2.30% as recommended in the November 2021 CalPERS Experience Study and Review of Actuarial Assumptions. This study also recommended modifications to retirement rates, termination rates, mortality rates and rates of salary increases that were adopted by the board. These new assumptions will be reflected in the GASB 68 accounting valuation reports for the June 30, 2022, measurement date.

Pension Plan Fiduciary Net Position

Information about the pension plan's assets, deferred outflows of resources, liabilities, deferred inflows of resources, and fiduciary net position are presented in CalPERS' audited financial statements, which are publicly available reports that can be obtained at CalPERS' website, at www.calpers.ca.gov. The plan's fiduciary net position and additions to/deductions from the plan's fiduciary net position have been determined on the same basis used by the pension plan, which is the economic resources measurement focus and the accrual basis of accounting. Benefits and refunds are recognized when due and payable in accordance with the terms of the plan. Investments are reported at fair value.

C. Proportionate Share of Net Pension Liability

The following table shows the Plan's proportionate share of the net pension liability over the measurement period.

	Increase (Decrease)
	Plan Net Pension
	Liability
Balance at: 6/30/2021 (Valuation Date)	\$ 2,653,376
Balance at: 6/30/2022 (Measurement Date)	6,338,645
Net Changes During 2021-2022	\$ 3,685,269

The District's proportion of the net pension liability was determined by CalPERS using the output from the Actuarial Valuation System and the fiduciary net position, as provided in the CalPERS Public Agency Cost-Sharing Allocation Methodology Report, which is a publicly available report that can be obtained at CalPERS' website, at www.calpers.ca.gov. The District's proportionate share of the net pension liability for the total Plan as of the June 30, 2021 and 2022 measurement dates was as follows:

Proportionate Share of NPL - June 30, 2021	0.049061%
Proportionate Share of NPL - June 30, 2022	0.054876%
Change - Increase (Decrease)	0.005815%

Rubidoux Community Services District
Notes to the Financial Statements
June 30, 2023

Note 10: Pension Plan, continued

C. Proportionate Share of Net Pension Liability, continued

Sensitivity of the Proportionate Share of the Net Pension Liability to Changes in the Discount Rate

The following presents the District's proportionate share of the net pension liability of the Plan as of the measurement date, calculated using the discount rate of 6.9 percent, as well as what the net pension liability would be if it were calculated using a discount rate that is 1 percentage-point lower (5.9 percent) or 1 percentage-point higher (7.9 percent) than the current rate:

	Discount Rate - 1% (5.90%)	Current Discount Rate (6.90%)	Discount Rate + 1% (7.90%)
Plan's Net Pension Liability	\$ 9,916,855	\$ 6,338,646	\$ 3,397,659

Amortization of Deferred Outflows and Deferred Inflows of Resources

Under GASB 68, gains and losses related to changes in total pension liability and fiduciary net position are recognized in pension expense systematically over time.

The first amortized amounts are recognized in pension expense for the year the gain or loss occurs. The remaining amounts are categorized as deferred outflows and deferred inflows of resources related to pensions and are to be recognized in future pension expense.

The amortization period differs depending on the source of the gain or loss:

Net difference between projected and actual earnings on pension plan investments	5 year straight-line amortization
All other amounts	Straight-line amortization over the expected average remaining service lives (EARSL) of all members that are provided with benefits (active, inactive and retired) as of the beginning of the measurement period

The expected average remaining service lifetime (EARSL) is calculated by dividing the total future service years by the total number of plan participants (active, inactive, and retired) in the Public Agency Cost-Sharing Multiple-Employer Plan (PERF C).

The EARSL for PERF C for the measurement period ending June 30, 2022 is 3.7 years, which was obtained by dividing the total service years of 574,665 (the sum of remaining service lifetimes of the active employees) by 153,587 (the total number of participants: active, inactive, and retired) in PERF C. Inactive employees and retirees have remaining service lifetimes equal to 0. Total future service is based on the members' probability of decrementing due to an event other than receiving a cash refund.

Rubidoux Community Services District
Notes to the Financial Statements
June 30, 2023

Note 10: Pension Plan, continued

D. Pension Expense and Deferred Outflows and Deferred Inflows of Resources Related to Pensions

As of the start of the measurement period (July 1, 2021), the District's net pension liability is \$2,653,376. For the measurement period ending June 30, 2022 (the measurement date), the District incurred a pension expense of \$751,118. As of June 30, 2023, the District has deferred outflows and deferred inflows of resources related to pensions as follows:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Changes of assumptions	\$ 646,620	\$ -
Differences between expected and actual experience	165,041	(80,664)
Differences between projected and actual investment earnings	1,116,315	-
Differences between employer's contributions and proportionate share of contributions	4,384	(429,350)
Change in employer's proportion	688,985	(171,964)
Pension contributions made subsequent to measurement date	780,844	-
Total	\$ 3,402,189	\$ (681,978)

These amounts above are net of outflows and inflows recognized in the 2021-2022 measurement period expense. The \$780,844 reported as deferred outflows of resources related to contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the upcoming fiscal year ended. Amounts reported as deferred outflows and deferred inflows of resources related to pensions will be recognized in future pension expense as follows:

Fiscal Year Ending June 30:	Deferred Outflows/(Inflows) of Resources, Net
2024	\$ 509,957
2025	468,404
2026	278,683
2027	682,323
2028	-
Remaining	-

Rubidoux Community Services District
Notes to the Financial Statements
June 30, 2023

Note 10: Pension Plan, continued

E. Payable to the Pension Plan

At June 30, 2023, the District reported a payable of \$19,275 for the outstanding contributions to the pension plans required for the year ended June 30, 2023.

Note 11: Other Post-Employment Benefits (OPEB)

Plan Description

The District has established a single-employer Retiree Healthcare Plan (HC Plan). This coverage is available for employees who reach the CalPERS minimum retirement age.

Benefits Provided

The District's current contribution cap is \$196 per month per retiree, approved through Board Resolutions 560 and 641. Changes to benefit terms can only be established/amended by the Board of Directors.

Employees Covered

As of the June 30, 2022 actuarial valuation, the following employees were covered by the benefit terms under the HC Plan:

Active employees	24
Inactive employees or beneficiaries currently receiving benefits	<u>7</u>
Total	<u><u>31</u></u>

Contributions

The HC Plan and its contribution requirements are established by the Board of Directors and may be amended by the Board of the Directors. For the fiscal year ended June 30, 2023, the District's cash contributions were \$17,444 in payments for insurance premiums not reimbursed by a trust.

Rubidoux Community Services District
Notes to the Financial Statements
June 30, 2023

Note 11: Other Post-Employment Benefits (OPEB), continued

Total OPEB Liability

The District's total OPEB liability was valued and measured as of June 30, 2022, based on the following actuarial methods and assumptions:

Actuarial Assumptions:

Discount Rate	3.54%
Inflation	2.50% per year
Salary Increases	2.75% per year
Investment Rate of Return	3.54%
Mortality Rate ⁽¹⁾	2017 CalPERS Mortality for Miscellaneous Employees
Turnover Healthcare Trend Rate ⁽²⁾	2017 CalPERS Rates for Miscellaneous Employees
Retirement Rate ⁽³⁾	2017 CalPERS Rates for Miscellaneous Employees

⁽¹⁾ The mortality assumptions are based on the 2017 CalPERS Mortality for Miscellaneous Employees table created by CalPERS. CalPERS periodically studies mortality for participating agencies and establishes mortality tables that are modified versions of commonly used tables. This table incorporates mortality projection as deemed appropriate based on CalPERS analysis.

⁽²⁾ The turnover assumptions are based on the 2017 CalPERS Rates for Turnover Miscellaneous Employees table created by CalPERS. CalPERS periodically studies the experience for participating agencies and establishes tables that are appropriate for each pool.

⁽³⁾ The retirement assumptions are based on the 2017 CalPERS Rates for Miscellaneous Employees table created by CalPERS. CalPERS periodically studies the experience for participating agencies and establishes tables that are appropriate for each pool.

Discount Rate

The discount rate used to measure the total OPEB liability was 3.54%. The District is currently financing its OPEB liability on a pay-as-you-go basis.

Changes in the OPEB Liability

The changes in the total OPEB liability for the HC Plan are as follows:

	Total OPEB Liability
Balance at June 30, 2022 (Measurement Date June 30, 2021)	<u>\$ 999,589</u>
Changes recognized for the measurement period:	
Service Cost	57,334
Interest on Total OPEB Liability	21,994
Benefit payments	(17,640)
Experience (Gains)/Losses	(115,523)
Change in Assumptions	<u>(206,173)</u>
Net Change	<u>(260,008)</u>
Balance at June 30, 2023 (Measurement Date June 30, 2022)	<u>\$ 739,581</u>

Rubidoux Community Services District
Notes to the Financial Statements
June 30, 2023

Note 11: Other Post-Employment Benefits (OPEB), continued

Sensitivity of the Total OPEB Liability to Changes in the Discount Rate

The following presents the total OPEB liability of the District if it were calculated using a discount rate that is one percentage point lower or one percentage point higher than the current rate, for measurement period ended June 30, 2022:

	1% Decrease	Current Discount Rate	1% Increase
	2.54%	3.54%	4.54%
Total OPEB Liability	\$ 881,921	\$ 739,581	\$ 627,186

Sensitivity of the Total OPEB Liability to Changes in the Health Care Cost Trend Rates

The following presents the total OPEB liability of the District if it were calculated using a health care cost trend rate that is one percentage point lower or one percentage point higher than the current rate, for measurement period ended June 30, 2022:

	1% Decrease	Current Healthcare Cost Trend Rates	1% Increase
Total OPEB Liability	\$ 648,443	\$ 739,581	\$ 854,475

OPEB Expense

For the fiscal year ended June 30, 2023, the District recognized an OPEB expense as follows:

Service cost	\$	57,334
Interest on Total OPEB Liability		21,994
Recognized Experience (Gains)/Losses		(5,403)
Recognized Assumption Change Deferrals		540
OPEB Expense	\$	74,465

As of fiscal year ended June 30, 2023, the District reported deferred outflows of resources related to OPEB from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Changes of assumptions	\$ 200,949	\$ (183,515)
Differences between expected and actual experience	64,969	(103,498)
OPEB contributions subsequent to measurement date	17,444	-
Total	\$ 283,362	\$ (287,013)

Rubidoux Community Services District
Notes to the Financial Statements
June 30, 2023

Note 11: Other Post-Employment Benefits (OPEB), continued

These amounts above are net of outflows and inflows recognized in the 2021-2022 measurement period expense. The \$17,444 reported as deferred outflows of resources related to contributions subsequent to the measurement date will be recognized as a reduction of the total OPEB liability in the upcoming fiscal year ended. Amounts reported as deferred outflows and deferred inflows of resources related to OPEB will be recognized in future OPEB expense as follows:

Fiscal Year Ended June 30:	Deferred Outflows/(Inflows) of Resources
2024	\$ (4,863)
2025	(4,863)
2026	(4,863)
2027	(4,863)
2028	(4,863)
Thereafter:	3,220

Note 12: Contributed Capital/Financing Arrangement

On a cumulative basis, contributed capital received by the District in prior periods and during the current fiscal year is summarized as follows:

	<u>Governmental</u>	<u>Water</u>	<u>Sewer</u>	<u>Total</u>
Cumulatively to June 30, 2022	\$ 4,426,019	\$ 10,648,046	\$ 20,644,482	\$ 35,718,547
Fiscal year, June 30, 2023	-	2,428,737	3,187,999	5,616,736
Cumulative total to June 30, 2023	<u>\$ 4,426,019</u>	<u>\$ 13,076,783</u>	<u>\$ 23,832,481</u>	<u>\$ 41,335,283</u>

Note 13: Commitments and Contingencies

Litigation

During the fiscal year 2014, a case was filed by the City of Riverside for a declaratory relief action seeking to require the District's financial participation in Riverside's Regional Sewage Treatment Plant. The District intends to vigorously defend the action. The fiscal impact is still unknown, therefore has not been accrued, but could be a maximum of \$21,100,000 if Riverside prevails, on appeal.

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REQUIRED SUPPLEMENTARY INFORMATION

**Rubidoux Community Services District
Required Supplementary Information
Schedule of Plan's Proportionate Share of Net Pension Liability and Related Ratios
as of the Measurement Date
Last 10 years***

	Measurement Date									
	6/30/2014	6/30/2015	6/30/2016	6/30/2017	6/30/2018	6/30/2019	6/30/2020	6/30/2021	6/30/2022	
Employer's Proportion of the Collective Net Pension Liability ¹	0.03042%	0.043038%	0.044814%	0.045706%	0.046568%	0.047847%	0.048828%	0.049061%	0.054876%	
Employer's Proportionate Share of the Collective Net Pension Liability	\$ 2,588,133	\$ 2,954,125	\$ 3,877,770	\$ 4,532,734	\$ 4,467,388	\$ 4,902,890	\$ 5,317,735	\$ 2,653,376	\$ 6,338,645	
Employer's Covered Payroll	\$ 1,868,407	\$ 1,973,814	\$ 2,048,593	\$ 2,055,588	\$ 2,083,208	\$ 2,416,190	\$ 2,206,351	\$ 2,221,141	\$ 2,448,619	
Employer's Proportionate Share of the Net Pension Liability as a Percentage of the Employer's Covered Payroll	138.52%	149.67%	189.29%	220.51%	214.38%	202.92%	240.79%	119.46%	258.76%	
Pension Plan's Fiduciary Net Position as a Percentage of the Total Pension Liability	82.83%	81.30%	76.63%	75.49%	76.15%	74.71%	77.29%	88.20%	75.80%	

¹ Proportion of the collective net pension liability represents the plan's proportion of PERF C, which includes both the Miscellaneous and Safety Risk pools excluding the 1959 Survivors Risk Pool.

* Measurement date 6/30/2014 (fiscal year 2015) was the first year of implementation. Additional years will be presented as the information becomes available.

**Rubidoux Community Services District
Required Supplementary Information
Schedule of Plan Contributions
Last 10 years***

	Fiscal Year									
	6/30/2015	6/30/2016	6/30/2017	6/30/2018	6/30/2019	6/30/2020	6/30/2021	6/30/2022	6/30/2023	
Contractually Determined Contributions	\$ 360,072	\$ 362,251	\$ 400,178	\$ 432,726	\$ 536,247	\$ 588,035	\$ 639,206	\$ 712,970	\$ 780,844	
Contributions in Relation to the Contractually Determined Contributions	(360,072)	(362,251)	(400,178)	(432,726)	(536,247)	(588,035)	(639,206)	(712,970)	(780,844)	
Contribution Deficiency (Excess)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Covered Payroll	\$ 1,973,814	\$ 2,048,593	\$ 2,055,588	\$ 2,093,208	\$ 2,416,190	\$ 2,206,351	\$ 2,221,141	\$ 2,449,619	\$ 2,598,756	
Contributions as a Percentage of Covered Payroll	18.24%	17.68%	19.47%	20.67%	22.19%	26.65%	28.76%	29.11%	30.05%	

* Fiscal year ending 6/30/2015 was the first year of implementation. Additional years will be presented as the information becomes available.

Notes to Schedule:

Changes in Benefit Terms: There were no changes to benefit terms that applied to all members of the Public Agency Pool. Additionally, the figures above do not include any liability impact that may have resulted from Golden Handshakes that occurred after the June 30, 2021 valuation date, unless the liability impact is deemed to be material to the Public Agency Pool.

Changes in Assumptions: Effective with the June 30, 2021 valuation date (2022 measurement date), the accounting discount rate was reduced from 7.15% to 6.90%. In determining the long-term expected rate of return, CalPERS took into account long-term market return expectations as well as the expected pension fund cash flows. Projected returns for all asset classes are estimated, combined with risk estimates, and are used to project compound (geometric) returns over the long term. The discount rate used to discount liabilities was informed by the long-term projected portfolio return. In addition, demographic assumptions and the inflation rate assumption were changed in accordance with the 2021 CalPERS Experience Study and Review of Actuarial Assumptions. There were no assumption changes for 2021. For 2020, the Plan adopted a new amortization policy effective with the 2019 actuarial valuation. The new amortization policy shortens the period over which actuarial gains and losses are amortized from 30 years to 20 years with the payments computed as a level dollar amount. In addition, the new policy does not utilize a five-year ramp-up and ramp-down on UAL bases attributable to assumption changes and non-investment gains/losses. The new policy also does not utilize a five-year ramp-down on investment gains/losses. These changes apply only to new UAL bases established on or after June 30, 2019. There were no changes in assumptions in 2019. In 2018, demographic assumptions and inflation rate were changed in accordance to the CalPERS Experience Study and Review of Actuarial Assumptions December 2017. There were no changes in the discount rate in 2019. In 2017, the accounting discount rate was reduced from 7.65 percent to 7.15 percent. In 2016, there were no changes in the discount rate. In 2015, amounts reported reflect an adjustment of the discount rate from 7.5 percent (net of administrative expense) to 7.65 percent (without a reduction for pension plan administrative expense). In 2014, amounts reported were based on the 7.5 percent discount rate.

**Rubidoux Community Services District
Required Supplementary Information
Schedule of Changes in the Total OPEB Liability and Related Ratios
Last 10 years***

Measurement Period	2018	2019	2020	2021	2022
Total OPEB Liability					
Service Cost	\$ 23,659	\$ 24,310	\$ 27,194	\$ 55,200	\$ 57,334
Interest on the Total OPEB Liability	18,501	18,181	20,340	20,962	21,994
Experience (Gains)/Losses	-	-	87,121	-	(115,523)
Changes in assumptions	-	28,683	236,179	7,574	(206,172)
Changes in benefit terms	-	-	-	-	-
Actual Benefit Payments from Employer	(10,044)	(9,408)	(9,408)	(18,816)	-
Expected Minus Actual Benefit Payments	-	(1,038)	-	-	(17,640)
Net change in Total OPEB Liability	32,116	60,728	361,426	64,920	(260,007)
Total OPEB Liability - beginning	480,399	512,515	573,243	934,669	999,589
Total OPEB Liability - ending (a)	512,515	573,243	934,669	999,589	739,582
Plan Fiduciary Net Position					
Contribution - employer	10,044	9,408	9,408	18,816	-
Net investment income	-	-	-	-	-
Benefit payments	(10,044)	(9,408)	(9,408)	(18,816)	-
Administrative expense	-	-	-	-	-
Net change in Plan Fiduciary Net Position	-	-	-	-	-
Plan Fiduciary Net Position - beginning	-	-	-	-	-
Plan Fiduciary Net Position - ending (b)	-	-	-	-	-
Total OPEB Liability - ending (a) - (b)	\$ 512,515	\$ 573,243	\$ 934,669	\$ 999,589	\$ 739,582
Plan fiduciary net position as a percentage of the total OPEB liability	0.00%	0.00%	0.00%	0.00%	0.00%
Covered-employee payroll	\$ 2,093,208	\$ 2,416,190	\$ 2,206,351	\$ 2,221,141	\$ 2,449,619
Total OPEB liability as a percentage of covered-employee payroll	24.48%	23.73%	42.36%	45.00%	30.19%

Notes to schedule:

The District does not have assets accumulated in a trust that meets the criteria of GASB 75 to pay related benefits.

Significant changes in assumptions:

Change in Benefit Terms: There were no changes in benefit terms since the prior measurement date.

Change in Assumption: The interest assumption changed from 2.20% to 2.16%. Assumed rates of retirement, termination, and mortality have been updated to align with those currently being used by the statewide pension systems.

**Historical information is required only for measurement periods for which GASB 75 is applicable. Future years' information will be displayed up to 10 years as information becomes available.*

Rubidoux Community Services District
Schedule of Revenues, Expenditures and Changes in Fund Balance
Budget and Actual – General Fund
For the year ended June 30, 2023

	Budgeted Amounts		Actual Amounts	Variance with Final Budget
	Original	Final		
REVENUES				
Property taxes and weed abatement	\$ 4,131,300	\$ 4,131,300	\$ 4,557,827	\$ 426,527
Charges for administrative services	2,517,400	2,517,400	2,517,400	-
Licenses and permits	18,000	18,000	20,870	2,870
Interest earnings	16,300	16,300	35,586	19,286
Other revenue	200,100	200,100	6,514,200	6,314,100
Total revenues	6,883,100	6,883,100	13,645,883	6,762,783
EXPENDITURES				
General government				
Salaries and benefits (including pension)	1,924,877	1,924,877	1,685,103	239,774
Services and supplies	407,000	407,000	1,436,245	(1,029,245)
Capital outlays	210,805	210,805	-	210,805
Fire protection and weed abatement				
Contract services	2,787,400	2,787,400	2,645,844	141,556
Utilities	-	-	27,400	(27,400)
Repairs and maintenance	-	-	16,564	(16,564)
Capital outlays	250,000	250,000	-	250,000
Administrative expenses	104,220	104,220	-	104,220
Debt service:				
Principal	139,252	139,252	139,252	-
Interest and fiscal charges	41,271	41,271	41,271	-
Total expenditures	5,864,825	5,864,825	5,991,679	(126,854)
Excess of revenue over (under) expenditures	1,018,275	1,018,275	7,654,204	6,635,929
OTHER FINANCING SOURCES (USES)				
Proceeds from debt	1,492,904	1,492,904	1,541,550	48,646
Transfers in (out)	(586,003)	(586,003)	(737,194)	(151,191)
Total Other Financing Source	906,901	906,901	804,356	(102,545)
Net change in fund balance	1,925,176	1,925,176	8,458,560	6,533,384
Fund balance, beginning of year	5,341,164	5,341,164	5,341,164	-
Fund balance, end of year	\$ 7,266,340	\$ 7,266,340	\$ 13,799,724	\$ 6,533,384

Rubidoux Community Services District
Notes to Required Supplementary Information
For the year ended June 30, 2023

Note 1: Schedule of Revenues and Expenditures - Budget and Actual:

The District maintains its accounting records on a budgetary basis which differs from the basis used for financial statement purposes in the accompanying statement. The financial statements have been prepared using the modified accrual basis of accounting as prescribed by generally accepted accounting principles. This budget is used throughout the year and compared with internal accounting reports prepared using the same method of accounting.

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OTHER INFORMATION
(unaudited)

**Rubidoux Community Services District
Combining Schedule of Revenues, Expenditures and
Changes in Fund Balances – General Fund
For the year ended June 30, 2023**

	General Fund	Protection/ Weed Abatement	Reported General Fund
REVENUES			
Property tax and weed abatement	\$ 4,557,733	\$ 94	\$ 4,557,827
Charges for administrative services	2,517,400	-	2,517,400
License and permits	20,870	-	20,870
Interest earnings	35,586	-	35,586
Other revenue	6,514,200	-	6,514,200
	<u>13,645,789</u>	<u>94</u>	<u>13,645,883</u>
EXPENDITURES			
Current:			
General government	3,121,348	-	3,121,348
Fire protection and weed abatement	-	2,689,808	2,689,808
Debt Service			
Principal	139,252	-	139,252
Interest and fiscal charges	41,271	-	41,271
	<u>3,301,871</u>	<u>2,689,808</u>	<u>5,991,679</u>
Excess of revenues over (under) expenditures	<u>10,343,918</u>	<u>(2,689,714)</u>	<u>7,654,204</u>
OTHER FINANCING SOURCES (USES)			
Proceeds from debt	1,541,550	-	1,541,550
Transfer in	-	2,547,593	2,547,593
Transfer out	(2,547,593)	(737,194)	(3,284,787)
	<u>(1,006,043)</u>	<u>1,810,399</u>	<u>804,356</u>
Net change in fund balances	9,337,875	(879,315)	8,458,560
Fund balances, beginning of year	<u>4,178,071</u>	<u>1,163,093</u>	<u>5,341,164</u>
Fund balances, end of year	<u>\$ 13,515,946</u>	<u>\$ 283,778</u>	<u>\$ 13,799,724</u>

Rubidoux Community Services District
Ten Year Financial Trends
(Rounded to Thousand Dollars)
For the last 10 years

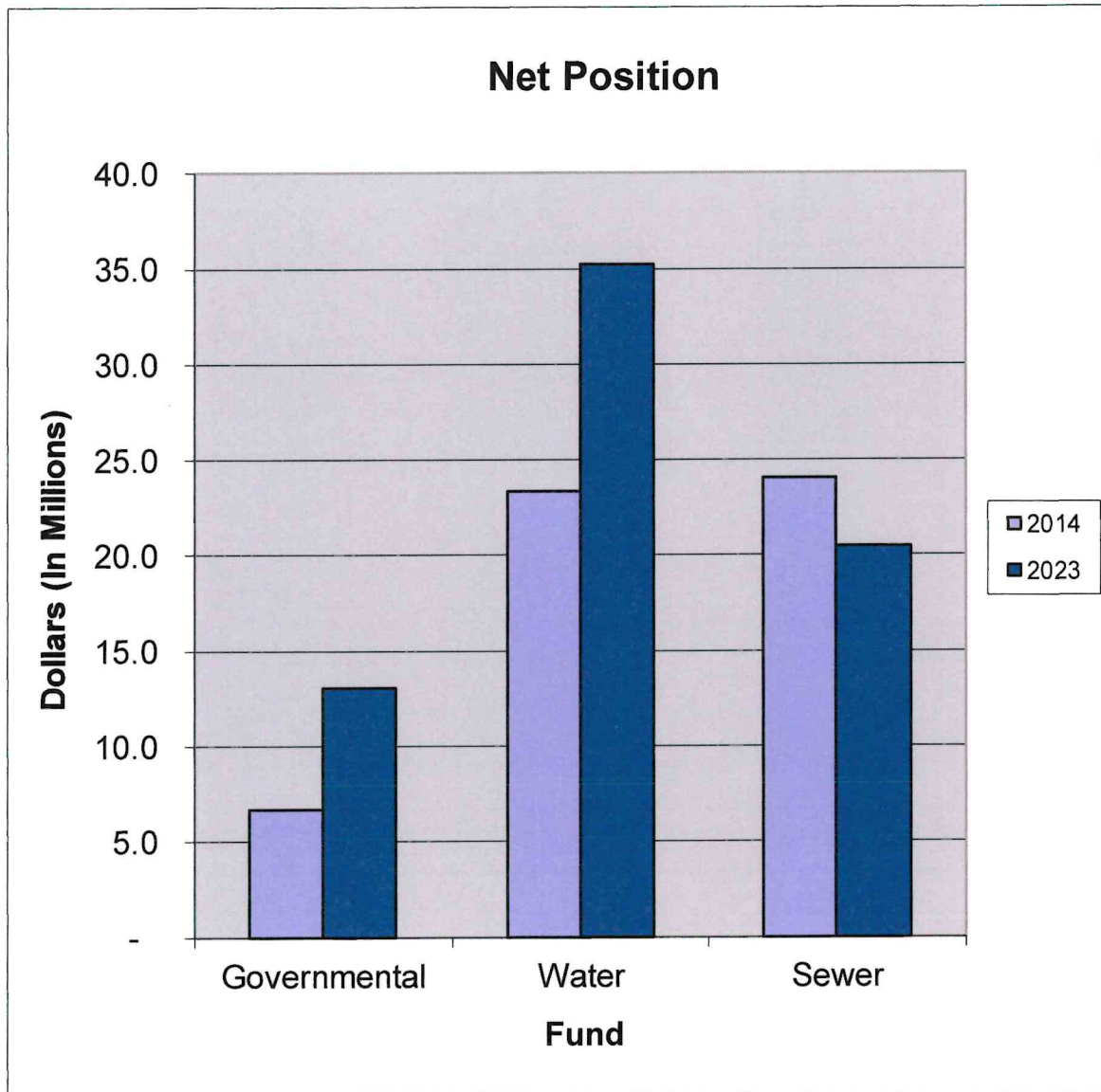
Change in Net Position:

	Governmental Activities	Water Utility	Sewer Utility	Solid Waste Disposal	Total
June 30, 2014	\$ (1,716,000)	\$ 1,201,000	\$ (919,800)	\$ 2,000	\$ (1,432,800)
June 30, 2015	(219,000)	2,463,000	171,000	(4,000)	2,411,000
June 30, 2016	1,000	(311,000)	(466,000)	10,000	(766,000)
June 30, 2017	18,000	1,951,000	(2,045,000)	(13,000)	(89,000)
June 30, 2018	(143,000)	1,668,000	(2,882,000)	177,000	(1,180,000)
June 30, 2019	(131,000)	1,209,000	(2,000)	79,000	1,155,000
June 30, 2020	(57,000)	963,000	(2,120,000)	93,000	(1,121,000)
June 30, 2021	1,009,000	575,000	(687,000)	115,000	1,012,000
June 30, 2022	1,140,000	1,994,000	1,104,000	(144,000)	4,094,000
June 30, 2023	7,712,000	4,714,000	3,519,000	10,000	15,955,000

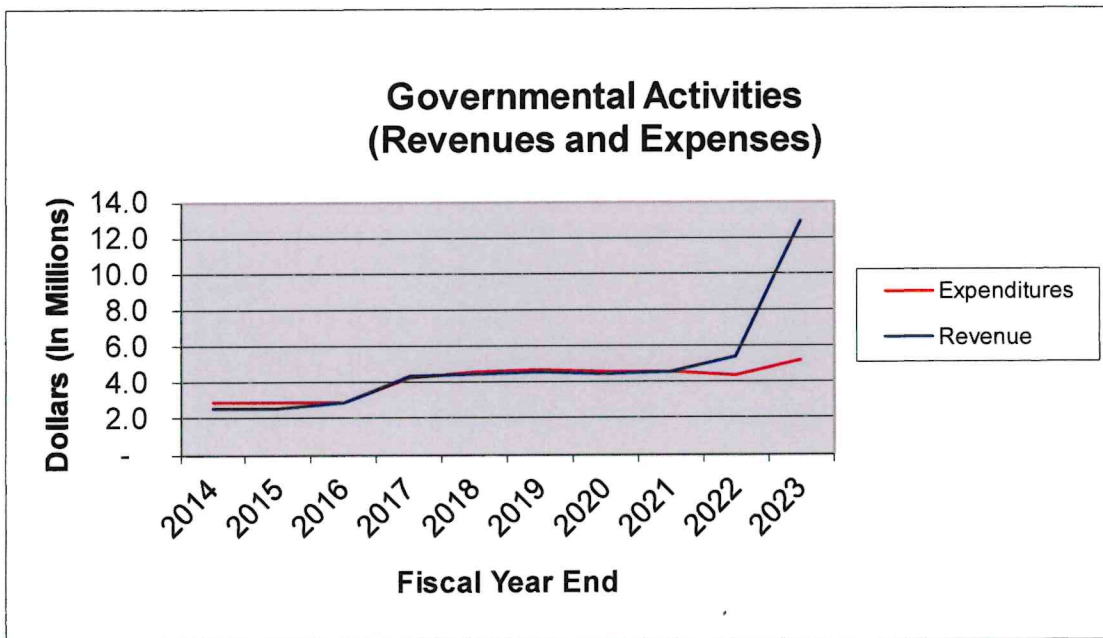
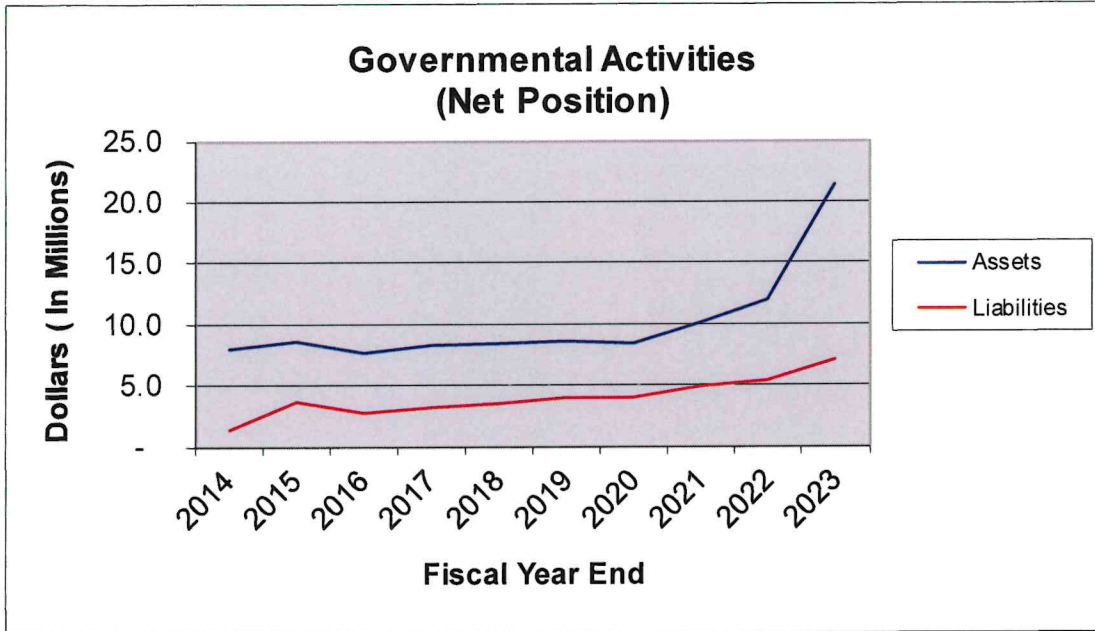
Net Position:

	Governmental Activities	Water Utility	Sewer Utility	Solid Waste Disposal	Total
June 30, 2014	\$ 5,213,000	\$ 21,524,000	\$ 24,046,000	\$ 160,000	\$ 50,943,000
June 30, 2015	4,994,000	23,987,000	24,217,000	156,000	53,354,000
June 30, 2016	4,995,000	23,677,000	23,750,000	166,000	52,588,000
June 30, 2017	5,013,000	25,627,000	21,705,000	153,000	52,498,000
June 30, 2018	4,869,000	27,295,000	18,823,000	330,000	51,317,000
June 30, 2019	4,513,000	28,278,000	18,792,000	409,000	51,992,000
June 30, 2020	4,456,000	29,241,000	16,672,000	502,000	50,871,000
June 30, 2021	5,465,000	29,817,000	15,986,000	617,000	51,885,000
June 30, 2022	6,605,000	31,811,000	17,090,000	473,000	55,979,000
June 30, 2023	14,316,000	36,525,000	20,608,000	483,000	71,932,000

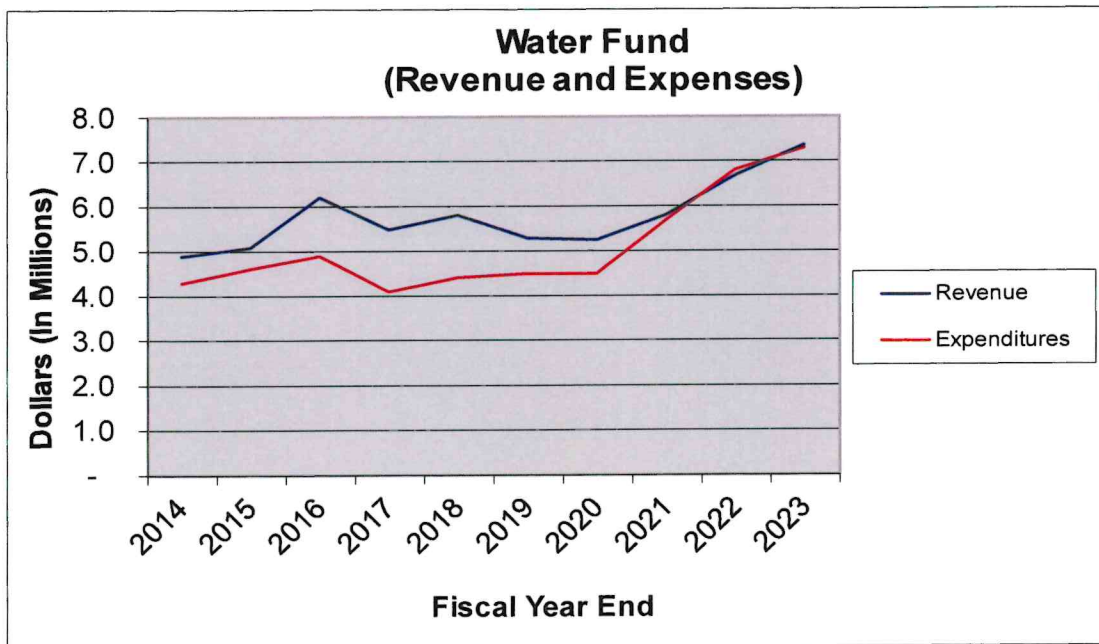
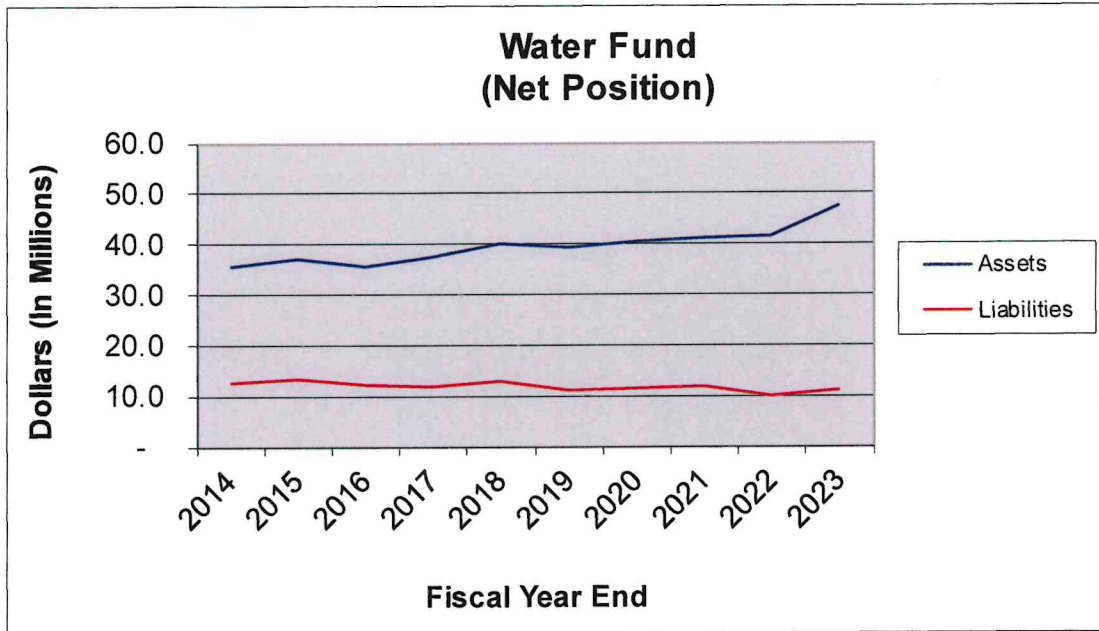
Rubidoux Community Services District
Graphic Financial Comparisons
For the year ended June 30, 2023 and 10 years ago



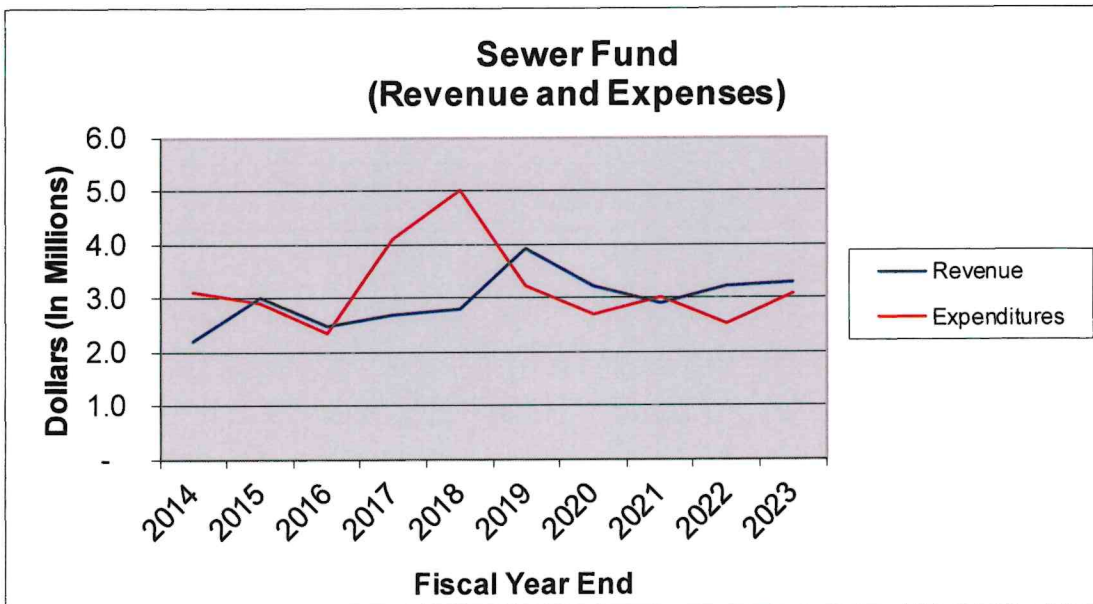
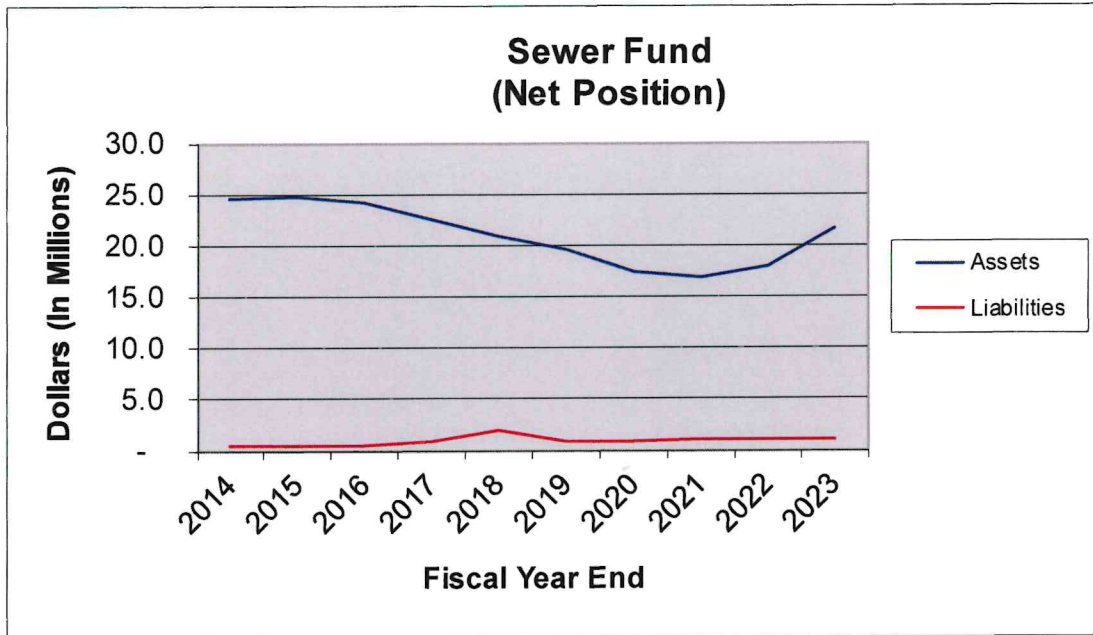
Rubidoux Community Services District
Graphic Financial Comparisons
For the last 10 years



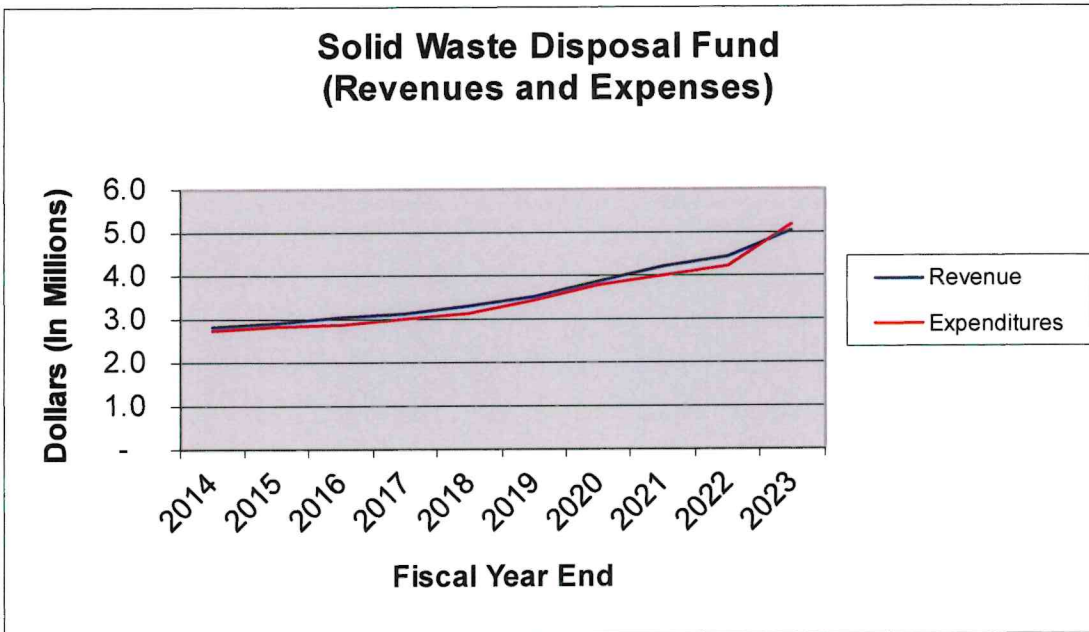
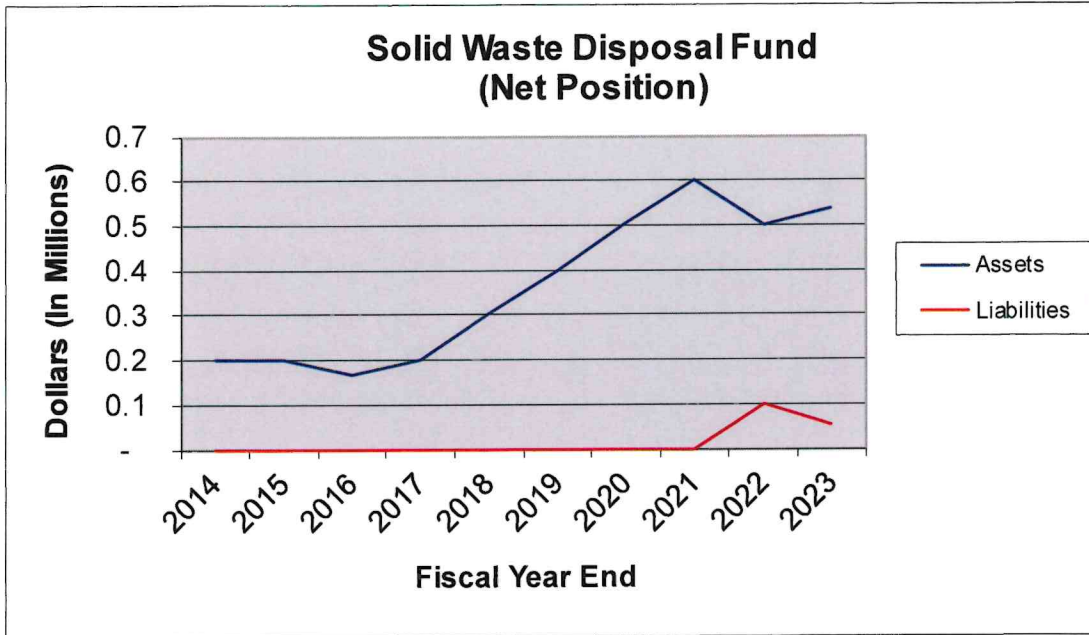
Rubidoux Community Services District
Graphic Financial Comparisons
For the last 10 years



Rubidoux Community Services District
Graphic Financial Comparisons
For the last 10 years



Rubidoux Community Services District
Graphic Financial Comparisons
For the last 10 years



DRAFT
Subject To Change

REPORT ON COMPLIANCE AND INTERNAL CONTROL

**REPORT ON INTERNAL CONTROL
OVER FINANCIAL REPORTING AND ON COMPLIANCE AND
OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL
STATEMENTS PERFORMED IN ACCORDANCE WITH
GOVERNMENT AUDITING STANDARDS**

Independent Auditor's Report

Board of Directors
Rubidoux Community Services District
Jurupa Valley, California

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to the financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the governmental activities and the business-type activities, and each major fund of Rubidoux Community Services District (the District), as of and for the year ended June 30, 2023, and the related notes to the financial statements, which collectively comprise the District's basic financial statements, and have issued our report thereon dated **October XX**, 2023.

Report on Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the District's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the District's internal control. Accordingly, we do not express an opinion on the effectiveness of the District's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the District's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies and therefore, material weaknesses or significant deficiencies may exist that have not been identified. We did identify certain deficiencies in internal control, described in the accompanying schedule of findings and responses as item 2023-001 that we consider to be material weaknesses and item 2023-002 that we consider to be significant deficiencies.

Report on Compliance and Other Matters

As part of obtaining reasonable assurance about whether the District's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

The District's Response to Findings

Government Auditing Standards requires the auditor to perform limited procedures on the District's response to the findings identified in our audit and described in the accompanying schedule of findings and responses. The District's response was not subjected to the other auditing procedures applied in the audit of the financial statements and, accordingly, we express no opinion on the response.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the District's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the District's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Rogers, Anderson, Malody & Scott, LLP.

San Bernardino, California
October XX, 2023

**Rubidoux Community Services District
Schedule of Findings and Responses
For the year ended June 30, 2023**

Finding 2023-001

Material Weakness in Internal Control over Financial Reporting – Inadequate Segregation of Duties

Criteria and Condition

During our audit of the District, we noted a lack of segregation of duties in the District's accounting process. Proper segregation of duties dictates that the functions of recording, authorization, custody and execution are not dominated by one individual. An adequate segregation of duties requires that one individual does not handle a transaction from its inception to its completion. Adequately segregated duties helps to reduce the possibility of fraud and defalcations from occurring and to ensure the integrity of the information provided by the District's financial reporting system.

Context

We observed inadequate segregation of duties over accounts payable, payroll, wire transfers and the journal entry process by performing observations of processes and interviews of personnel and management.

Effect or Potential Effect

Without sufficient segregation of duties, the risk significantly increases that errors and fraud related to financial reporting, including misappropriation of assets, could occur and not be detected within a timely basis.

Auditor's Recommendation

An adequate segregation of duties requires that one individual does not handle a transaction from its inception to its completion. However, we realize that this is due to the limited number of individuals available to the District to perform numerous, and sometimes incompatible duties. Unless more personnel are hired, there may be no practical corrective action possible for this inherent weakness. We believe it is important for management and the Board of Directors to be aware that whenever a limited number of people are in control of the accounting process, the system is far more susceptible to errors or other irregularities, either intentional or unintentional, not being discovered.

Views of Responsible Officials and Planned Corrective Actions

Management recognizes the auditor's concerns and continues to work on its segregation of duties. It is not uncommon for a District of our size to have limited staff, however the District will continue to assess and strengthen internal controls to the extent possible

Finding 2023-002

Significant Deficiency in Internal Control over Financial Reporting – No Formal Purchasing Policy

Criteria and Condition

During our audit procedures over contracts, we noted the District has no formal procurement policy.

**Rubidoux Community Services District
Schedule of Findings and Responses
For the year ended June 30, 2023**

Context

We observed this by reviewing the minutes of the Board of Directors meetings and interviews of management.

Effect or Potential Effect

Without a formal procurement policy, the District is susceptible to unauthorized transactions and improper approvals from the Board.

Auditor's Recommendation

Although the District's management has a good understanding of the rules and regulations regarding procurement, we recommend that a procurement policy be written, including the compliance requirements for federal funds as explained in Uniform Guidance. We believe that the implementation of these recommendations will provide the district with a stronger system of internal control while also making its operations more efficient.

Views of Responsible Officials and Planned Corrective Actions

Management recognizes the need for a District purchasing policy and is in the process of creating a policy for the District

**Rubidoux Community Services District
Schedule of Prior Findings and Responses
For the year ended June 30, 2023**

<u>Finding No.</u>	<u>Topic</u>	<u>Status of Corrective Action</u>
2022-001	Segregation of duties	Finding repeated in current year as 2023-001

8. **ACTION / DISCUSSION ITEMS** (continued)

- C. **CLOSED SESSION**: Pursuant to California Government Code Section 54956.9: Status Update on PFAS Contamination Litigation Case, Rubidoux CSD v. 3M, DuPont, and Others

8. **ACTION / DISCUSSION ITEMS** (continued)

D. **CLOSED SESSION**: Pursuant to California Government Code Section 54957 (b)(1): Evaluation of District General Manager

9. **DIRECTORS COMMENTS AND REQUEST**

10. **NEXT MEETING**

Thursday, November 16, 2023, at 4:00 p.m.

11. ADJOURNMENT