

Rubidoux Community Services District

Board of Directors

Christopher Barajas
Armando Muniz
Bernard Murphy
F. Forest Trowbridge
Hank Trueba Jr.



Secretary-Manager

David D. Lopez

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

NOTICE AND AGENDA FOR THE RUBIDOUX COMMUNITY SERVICES DISTRICT BOARD MEETING 4:00 PM, January 18, 2018

1. Call to Order - Director Murphy, President
2. Pledge of Allegiance
3. Roll Call
4. Approval of Minutes for December 21, 2017, Regular Board Meeting
5. Consider to Ratify and Approve the following Salaries, Expenses and Transfers:
 - a) Consideration to Ratify January 5, 2018, Salaries, Expenses and Transfers
 - b) Consideration to Approve January 19, 2018, Salaries, Expenses and Transfers
6. Acknowledgements - Members of the public may address the Board at this time on any non-agenda matter.
7. Correspondence and Related Information
8. Manager's Report
 - a) Operations Report
 - b) Emergency and Incident Report

ACTION ITEMS:

9. Receive and File Statement of Cash Asset Report for All District Funds Ending December 2017: **DM 2018-01**
10. Consideration to Authorize Engineering Design Services as Proposed by Krieger and Stewart Engineers, Inc. For Development of New Crestmore Well: **DM 2018-02**
11. Directors Comments - Non-action
12. Adjournment

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).

4. APPROVAL OF MINUTES FOR DECEMBER 21, 2017,
REGULAR BOARD MEETING

MINUTES OF REGULAR MEETING
December 21, 2017
RUBIDOUX COMMUNITY SERVICES DISTRICT

DIRECTORS PRESENT: Bernard Murphy
F. Forest Trowbridge
Christopher Barajas
Hank Trueba Jr
Armando Muniz

DIRECTORS ABSENT:

STAFF PRESENT: Dave Lopez, General Manager
Steve Appel, Assistant General Manager
Krysta Krall, Manager of Fiscal Services
Brian Jennings, Accounting/Budgeting Manager

Call to order: the meeting of the Board of Directors of the Rubidoux Community Services District by Mr. Lopez, at 4:00 P.M., Thursday, December 21, 2017, at the District Office, 3590 Rubidoux Boulevard, Jurupa Valley, California.

ITEM 4. DM 2017-62. Annual Reorganization of the RCSD Board of Directors for Calendar Year 2018.

Since 1991, the Rubidoux Community Services District Board of Directors has practiced the policy of yearly rotating the Vice President into the President's position. In December 2016, President Muniz was affirmed President thru the 2017 calendar year. Further, Director Murphy was elected Vice President for 2017 as well. Since the President's position has been decided by the above policy, it is appropriate the Board to turn your attention for the nomination of a Vice President this afternoon for calendar year 2018 and, eventually rotating into the President of the Board in 2019.

Pursuant to the reorganization of the California Government Code, and in keeping with the RCSD policy to rotate the President's position yearly, it is procedurally appropriate the Board Nominate and elect a Vice President of the Board for calendar year 2018.

President Murphy was handed over the gavel and continued with the meeting and the nomination process.

The floor is now open to accept the candidates for the position of Vice President for calendar year 2018.

Directors Muniz, Trowbridge and Barajas nominated Director Trueba for the position of Vice President. Director Hank Trueba was unanimously elected the Vice President for 2018.

ITEM 5. APPROVAL OF MINUTES

Approval of Minutes for Regular Board Meeting, December 7, 2017.

Director Muniz moved and Director Trowbridge seconded to approve the December 7, 2017 Minutes.

The motion was carried unanimously.

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

Noes - 0

ITEM 6. Consider to Approve the December 22, 2017, Salaries, Expenses and Transfers.

Approve December 22, 2017 Salaries, Expenses and Transfers.

Director Barajas moved and Director Muniz seconded to approve the December 22, 2017, Salaries, Expenses and Transfers.

The motion was carried unanimously.

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

Noes - 0

ITEM 7. PUBLIC ACKNOWLEDGE OF NON-AGENDA MATTERS

There were no members of the public to address the Board.

ITEM 8. CORRESPONDENCE AND RELATED INFORMATION

There was nothing to offer under correspondence and related information.

ITEM 9. MANAGER'S REPORT

Operations Report:

JCSD has completed their expansion of the desalter and will not be taking water from the District. Typically they have been taking 2 mgd per day of water. Our operations are not dependent on that income.

Emergency and Fire Report:

The Incident Report for November 1– November 30, 2017 there were a total of 265 calls, in comparison to the same period in 2016, there were a total of 253 calls. The year to date total is 2,810, compared to 2,862 in 2016.

ITEM 10. DM 2017-59. Receive and File November's Statement of Cash Asset Schedule

The year-to-date Interest ending November 30, 2017, is \$82,271.00 for District controlled accounts. With respect to District "Funds in Trust", we show \$3,663.00 which has been earned and posted. The District has a combined YTD total of \$85,934.45 as of November 30, 2017.

With respect to the District's Operating Funds (Excluding Operating Reserves), we show a balance of \$5,275,125.00 ending November 30, 2017. That is **\$304,052.00 LESS** than July 1, 2017, beginning balance of \$4,971,073.00.

The District's Field/admin Fund continues to grow and current fund balance nears \$315,000.00.

Submitted for the board of directors consideration is the November 2017, *Statement of Cash Asset Schedule Report* for your review and acceptance this evening.

Director Muniz moved and Director Trowbridge seconded to Receive and File the Statement of Cash for the Month of November 2017 for the Rubidoux Community Services District.

ITEM 11. DM 2017-63. Consideration to Award the 36th Street Water Replacement Construction Project.

As authorized by the Board of Directors, Staff solicited bid for the construction of the 36th Street water pipeline project from Crestmore Rd. to Daly Ave. The project consists of the replacement of approximately 850 feet of 5" pipe with 8" pipe as shown on the attached Exhibit "A" map.

As previously stated, there is a two-fold reason for moving forward with the construction of this waterline: **First**, the City of Jurupa Valley deferred the repaving of 36th Street in order to allow the District time to design and construct the replacement pipeline avoiding the City's three-year moratorium on construction in streets that have been recently repaved; and **Second**, the project will allow the District to replace an existing 4" waterline with an 8" waterline. This replacement will not only eliminate maintenance issues, but enhance fire flow protection to the 25 homes on the affected street.

On Tuesday, December 12, 2017, Staff received and opened nine bids from contractors. The bids ranged from \$341,339.00 to \$589,383.50. with engineers estimate of \$350,000.00. Funding for the project will come from the Water Replacement Fund which has a current balance of approximately \$692,000.00.

As stated in TKE Engineering's attached memo, Weka, Inc. was the lowest submitted proposal with a bid amount of \$341,339.00. No irregularities were noted, and the recommendation is to award the construction contract to Weka.

To better manage this project, Staff requested an engineering services proposal from TKE Engineering to provide necessary Construction Management and Inspection (CM&I) services. TKE has done numerous design and EM&I projects for the District and is well

qualified to manage this project. TKE's \$45,600.00 proposal was reviewed and evaluated, and it is Staff's recommendation to authorize the CM&I portion of this project to TKE. TKE's October 25, 2017, proposal is attached for your reference as Exhibit "C".

Finally, another important aspect of this project is the geotechnical testing and observation (soils testing) for this construction project. Proposals were requested from 4 (four) firms including CHJ Consultants, Earth Systems Southwest, LOR, and John Byerly. The proposals received were evaluated and Staff is recommending awarding the soils testing portion of this project to John Byerly, Inc. in the amount of \$6,380.00. A copy of their proposal is included for your reference as Exhibit "D".

Mr. Steve Appel gave a detailed presentation to the Board on the 36th Street Water Replacement Construction Project.

Director Muniz moved and Director Trowbridge seconded the Rubidoux Community Services District Board of Directors:

- 1. Award the 36th Street Water Replacement Project to Weka, Inc. in the amount of \$341,339.00;**
- 2. Approve the Construction Management & Inspection services proposal from TKE Engineering in the amount of \$45,600.00;**
- 3. Approve the Geotechnical test services proposal from John Byerly, Inc. in the amount of \$6,380.00; and,**
- 4. Approve and encumber a total water replacement project budget in the amount of \$410,000.00.**

The motion passed unanimously to approve all items.

ITEM 12. DM 2017-65. Consideration to Accept Certain Sewer Easements within TR 31503 (DR Horton)

In order to facilitate the flow of sewage from the newly constructed DR Horton tract (TR 31503 near Flabob airport), two sewer easements are needed. The developer, DR Horton has offered the two easements to the District as shown on the easement documents. In order for Staff to record the easements with the County of Riverside Recorders office, Board action is necessary.

Since the easements facilitate sewage flow from the development, DR Horton has offered the easements at no cost to the District.

Director Barajas moved and Director Muniz seconded the Rubidoux Community Services District Board of Directors accept the two sewer easements offered by DR Horton for Tract 31503-1 and 31503.

ITEM 13. DM 2017-66. Presentation of Emerging Constituent 1,2,3 - Trichloropropane in Certain Ground Water Wells.

Beginning in January 2018, the State of California will begin regulating an emerging contaminant, 1,2,3 - trichloropropane (TCP). The new regulation will require water agencies to sample for TCP and ultimately treat the water if TCP is found to be present. The District has sampled our projection water Wells and believe that two of the Well may have detectable levels of TCP.

A presentation by Staff will better outline the ramifications to the District if TCP levels above the maximum are detected and the treatment options to remove the TCP.

This is presented for Board information at this time. If TCP is found, Staff will return to the Board with a plan to treat and/or remove the contaminant.

Mr. Steve Appel gave a detailed presentation to the Board on the emerging constituent 1,2,3 – trichloropropane in certain ground water wells.

No action necessary at this time. Presentation only.

ITEM 14. Directors Comments – Non action.

Director Murphy adjourned the December 21, 2017 Regular Board meeting.

5. CONSIDER TO RATIFY AND APPROVE THE FOLLOWING SALARIES,
EXPENSES AND TRANSFERS:

- a) Consideration to Ratify January 5, 2018, Salaries, Expenses and Transfers
- b) Consideration to Approve January 19, 2018, Salaries, Expenses and Transfers

RUBIDOUX COMMUNITY SERVICES DISTRICT
 JANUARY 4, 2018 (BOARD MEETING)
 FUND TRANSFER RATIFICATION

NET PAYROLL 1/12/18	** INCLUDED AT 12/21/17 BOARD MEETING		-
WIRE TRANSFER: FEDERAL PAYROLL TAXES			-
WIRE TRANSFER: STATE PAYROLL TAXES			-
WIRE TRANSFER: TO CREDIT UNION			-
WIRE TRANSFER: PERS RETIREMENT			-
WIRE TRANSFER: PERS HEALTH PREMIUMS			-
WIRE TRANSFER: SECTION 125			-
WIRE TRANSFER: SECTION 457			-
1/5/2018 WATER FUND TO GENERAL FUND-Payables			122,674.84
WATER FUND TO GENERAL FUND-Trash			137,100.86
WATER FUND TO SEWER FUND			111,349.93
WATER FUND TO GENERAL - Budgeted Water Admin Fee Q3			150,000.00
GENERAL FUND - Budgeted Admin Trash Q3			25,000.00
SEWER FUND TO GENERAL FUND-Payables			74,838.09
SEWER FUND TO GENERAL FUND-Budgeted Sewer Admin Fee Q3			35,000.00
1/5/2018 SEWER FUND CHECKING TO LAIF SEWER OP			-
LAIF SEWER OP TO SEWER FUND CHECKING			-
GENERAL FUND CHECKING TO LAIF PROP TAX			1,030,000.00
GEN FUND PROP TAX TO GENERAL FUND CHECKING			890,000.00
GENERAL FUND PROP TAX TO LAIF PROP TAX			-
LAIF GENERAL TO GENERAL FUND CHECKING			-
COP PAYBACK TO LAIF-COP PAYBACK			-
WATER REPLACEMENT TO LAIF-W.R.			-
LAIF WATER ML TO LAIF WATER OP			-
LAIF WATER OP TO WATER FUND CHECKING			-
LAIF WATER RESERVE TO LAIF WATER OP			-
LAIF WATER REPLACE TO LAIF WATER OP			-
LAIF WATER OP TO LAIF WATER RESERVE			-
WATER FUND CHECKING TO LAIF WATER RESERVE			-
WATER FUND CHECKING TO LAIF WATER OP			-
WATER FUND CHECKING TO LAIF WATER MAINLINE			-
LAIF COP TO GENERAL FUND CHECKING			-

NOTES PAYABLE

<u>DESCRIPTION</u>	<u>BALANCE</u>	<u>PAYMENT</u>	<u>DUE DATE</u>
City of Riverside (Headworks Replacement)	27,128 Prin.	13,564	Oct-17
U.S. Bank Trust (1998 COP's Refunding)	4,170,000 Prin.	616,335	Dec-18
U.S. Bank Trust (1998 COP's Refunding)	1,012,101 Intr.	106,335	Jun-18
MN Plant-State Revolving Loan	4,752,815 Prin.	121,008	Jul-18
MN Plant-State Revolving Loan	1,074,319 Intr.	61,090	Jul-18

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PO Number		Inv Date	Immediate GL Account		Check #				Discount
GL Date		Inv Date	Immediate GL Account		Credit Card	CC Reference #	Payment Date		Total Invoice
1	1070 / USEWARE, INC								UWI20151756.00
SUPT FINAL BILL		12/13/2017	N	N			1/13/2018	12/13/2017	\$0.00
1/4/2018					N				\$756.66
2	1687 / AMERICAN SAFETY PRODUCTS								71599
NITRILE GLOVES		12/11/2017	N	N			1/11/2018	12/11/2017	\$0.00
1/4/2018					N				\$102.63
3	2004 / B.P.S. B's POOL SUPPLIES								90938
SODIUM HYPO		12/12/2017	N	N			1/12/2018	12/12/2017	\$0.00
1/4/2018					N				\$922.43
4	2030 / BABCOCK, E S & SONS, INC								BL70593-0267
WTR ANALYSES		12/11/2017	N	N			1/11/2018	12/11/2017	\$0.00
1/4/2018					N				\$30.00
5	2030 / BABCOCK, E S & SONS, INC								BL70707-0267
WTR ANALYSES		12/17/2017	N	N			1/12/2018	12/17/2017	\$0.00
1/4/2018					N				\$75.00
6	2030 / BABCOCK, E S & SONS, INC								BL70717-0267
WTR ANALYSES		12/12/2017	N	N			1/12/2018	12/12/2017	\$0.00
1/4/2018					N				\$240.00
7	2030 / BABCOCK, E S & SONS, INC								BL70719-0267
WTR ANALYSES		12/12/2017	N	N			1/12/2018	12/12/2017	\$0.00
1/4/2018					N				\$360.00
8	2030 / BABCOCK, E S & SONS, INC								BL70836-0267
WTR ANALYSES		12/13/2017	N	N			1/13/2018	12/13/2017	\$0.00
1/4/2018					N				\$490.00
9	2030 / BABCOCK, E S & SONS, INC								BL70838-0267
WTR ANALYSES		12/13/2017	N	N			1/13/2018	12/13/2017	\$0.00
1/4/2018					N				\$275.00
10	2030 / BABCOCK, E S & SONS, INC								BL70840-0267
WTR ANALYSES		12/13/2017	N	N			1/13/2018	12/13/2017	\$0.00
1/4/2018					N				\$275.00
11	2030 / BABCOCK, E S & SONS, INC								BL70963-0267
WTR ANALYSES		12/15/2017	N	N			1/15/2018	12/15/2017	\$0.00
1/4/2018					N				\$45.00
12	2030 / BABCOCK, E S & SONS, INC								BL70966-0267
WTR ANALYSES		12/15/2017	N	N			1/15/2018	12/15/2017	\$0.00
1/4/2018					N				\$170.00
13	2030 / BABCOCK, E S & SONS, INC								BL71070-0267
WTR ANALYSES		12/15/2017	N	N			1/15/2018	12/15/2017	\$0.00
1/4/2018					N				\$45.00
14	2030 / BABCOCK, E S & SONS, INC								BL71082-0267
WTR ANALYSES		12/18/2017	N	N			1/18/2018	12/18/2017	\$0.00
1/4/2018					N				\$900.00
15	2030 / BABCOCK, E S & SONS, INC								BL71126-0267
WTR ANALYSES		12/18/2017	N	N			1/18/2018	12/18/2017	\$0.00
1/4/2018					N				\$105.00
16	2030 / BABCOCK, E S & SONS, INC								BL71128-0267
WTR ANALYSES		12/18/2017	N	N			1/18/2018	12/18/2017	\$0.00
1/4/2018					N				\$75.00
17	2030 / BABCOCK, E S & SONS, INC								BL71130-0267
WTR ANALYSES		12/18/2017	N	N			1/18/2018	12/18/2017	\$0.00
1/4/2018					N				\$45.00

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GL Date		Inv Date	Immediate GL Account		Credit Card	Due Date	Discount Date	Payment Date	Total Invoice
					CC Reference #				
18	2030 / BABCOCK, E S & SONS, INC								BL71131-0267
LAB FEES		12/18/2017	N	N		1/18/2018	12/18/2017		\$0.00
1/4/2018					N				\$180.00
19	2030 / BABCOCK, E S & SONS, INC								BL71146-0267
LAB FEES		12/18/2017	N	N		1/18/2018	12/18/2017		\$0.00
1/4/2018					N				\$180.00
20	2030 / BABCOCK, E S & SONS, INC								BL71172-0267
WTR ANALYSES		12/18/2017	N	N		1/18/2018	12/18/2017		\$0.00
1/4/2018					N				\$30.00
21	2030 / BABCOCK, E S & SONS, INC								BL71365-0267
LAB FEES		12/20/2017	N	N		1/20/2018	12/20/2017		\$0.00
1/4/2018					N				\$210.00
22	3355 / VULCAN/CALMAT SAN BDNO DIST, I								71672377
COLD MIX		12/11/2017	N	N		1/11/2018	12/11/2017		\$0.00
1/4/2018					N				\$2,430.62
23	3921 / CROWN ACE HARDWARE								073680
SUPPLIES		12/12/2017	N	N		1/12/2018	12/12/2017		\$0.00
1/4/2018					N				\$8.07
24	3921 / CROWN ACE HARDWARE								073696
SUPPLIES		12/14/2017	N	N		1/14/2018	12/14/2017		\$0.00
1/4/2018					N				\$10.79
25	4040 / DELL MARKETING L.P. C/O DELL U								10200613884
ADOBE PRO LIC		11/4/2017	N	N		12/4/2017	11/4/2017		\$0.00
1/4/2018					N				\$434.07
26	4040 / DELL MARKETING L.P. C/O DELL U								10201357378
RPLCMT COMPUTERS		11/8/2017	N	N		12/8/2017	11/8/2017		\$0.00
1/4/2018					N				\$3,129.38
27	4900 / DURNEY, DON								20171221
GRDNG SVC		12/21/2017	N	N		1/21/2018	12/21/2017		\$0.00
1/4/2018					N				\$135.00
28	8012 / HACH COMPANY								10756944
CHEMICALS		12/13/2017	N	N		1/13/2018	12/13/2017		\$0.00
1/4/2018					N				\$521.16
29	8012 / HACH COMPANY								10758609
CHEMICALS		12/14/2017	N	N		1/14/2018	12/14/2017		\$0.00
1/4/2018					N				\$84.05
30	8012 / HACH COMPANY								10758650
CHEMICALS		12/14/2017	N	N		1/14/2018	12/14/2017		\$0.00
1/4/2018					N				\$46.08
31	8078 / HARRIS COMPUTER SYSTEMS								MN00105111
YRLY MAINT 1217-1118		11/27/2017	N	N		12/27/2017	11/27/2017		\$0.00
1/4/2018					N				\$13,880.00
32	8078 / HARRIS COMPUTER SYSTEMS								XT00134888
TRVL - GO LIVE		12/13/2017	N	N		1/13/2018	12/13/2017		\$0.00
1/4/2018					N				\$2,963.09
33	10925 / JWC ENVIRONMENTAL, LLC								89786
SWR GRINDER		12/12/2017	N	N		1/12/2018	12/12/2017		\$0.00
1/4/2018					N				\$54,150.92
34	12715 / LUCE COMMUNICATIONS: dba ABG C								121417621000090
Not Defined		12/14/2017	N	N		1/14/2018	12/14/2017		\$0.00
1/4/2018					N				\$3,000.00

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35	12715 / LUCE COMMUNICATIONS: dba ABG C								2710824
WA41 INV 12/7		12/14/2017	N	N			1/14/2018	12/14/2017	\$0.00
1/4/2018					N				\$760.06
36	12715 / LUCE COMMUNICATIONS: dba ABG C								2710823
CLOSING BILLS		12/14/2017	N	N			1/14/2018	12/14/2017	\$0.00
4/4/2018					N				\$5.20
37	12715 / LUCE COMMUNICATIONS: dba ABG C								2710822
WA41 FN		12/14/2017	N	N			1/14/2018	12/14/2017	\$0.00
1/4/2018					N				\$178.31
38	13200 / MERIT OIL COMPANY								432830
GASOLINE		12/13/2017	N	N			1/13/2018	12/13/2017	\$0.00
1/4/2018					N				\$1,011.92
39	16893 / PRUDENTIAL OVERALL SUPPLY CO								22536152
FLOOR MATS		12/20/2017	N	N			1/20/2018	12/20/2017	\$0.00
1/4/2018					N				\$98.75
40	18434 / RIVERSIDE CNTY DEPT ENVRMNTL								IN0308118
PERMIT 3425 CRSTM		12/6/2017	N	N			1/6/2018	12/6/2017	\$0.00
4/4/2018					N				\$1,085.00
41	18434 / RIVERSIDE CNTY DEPT ENVRMNTL								IN0308060
PERMIT 3450 DALY		12/6/2017	N	N			1/6/2018	12/6/2017	\$0.00
1/4/2018					N				\$827.00
42	18434 / RIVERSIDE CNTY DEPT ENVRMNTL								IN0308059
PERMIT 4282 EXMR		12/6/2017	N	N			1/6/2018	12/6/2017	\$0.00
1/4/2018					N				\$827.00
43	18434 / RIVERSIDE CNTY DEPT ENVRMNTL								IN0308158
PERMIT 3590 RUBIDX		12/6/2017	N	N			12/6/2017	12/6/2017	\$0.00
1/4/2018					N				\$1,601.00
44	19130 / SCE								18J2317748135
SWR PMP ENRGY		12/19/2017	N	N			1/8/2018	12/19/2017	\$0.00
1/4/2018					N				\$1,896.63
45	19130 / SCE								18J2036525988
SWR PMP ENRGY		12/19/2017	N	N			1/8/2018	12/19/2017	\$0.00
1/4/2018					N				\$744.32
46	19130 / SCE								18J2352968572
WTR PMP ENRGY		12/18/2017	N	N			1/8/2018	12/18/2017	\$0.00
1/4/2018					N				\$11,236.70
47	19130 / SCE								18J2271820763
WTR PMP ENRGY		12/18/2017	N	N			1/8/2018	12/18/2017	\$0.00
1/4/2018					N				\$261.17
48	19130 / SCE								18J2323283572
SWR PMP ENRGY		12/19/2017	N	N			1/8/2018	12/19/2017	\$0.00
1/4/2018					N				\$263.82
49	19824 / STEPSAVER, INC								CT433774
SALT		11/20/2017	N	N			1/4/2018	11/20/2017	\$0.00
1/4/2018					N				\$2,075.00
50	19885 / STREAMLINE								96414
WEBSITE		12/18/2017	N	N			1/17/2018	12/18/2017	\$0.00
1/4/2018					N				\$400.00
51	23385 / WELLS' TAPPING SERVICE								08003
8" HOT TAP		12/20/2017	N	N			1/20/2018	12/20/2017	\$0.00
1/4/2018					N				\$6,200.00

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GL Date		Inv Date	Immediate GL Account		Credit Card	CC Reference #	Payment Date		Total Invoice
52	1810 / AQUA METRIC SALES CO								0067986
3" METERS		12/21/2017	N	N			1/21/2018	12/21/2017	\$0.00
1/4/2018					N				\$2,178.33
53	2030 / BABCOCK, E S & SONS, INC								BL71091-0267
LAB FEES		12/18/2017	N	N			1/18/2018	12/18/2017	\$0.00
1/4/2018					N				\$180.00
54	2718 / BOOT BARN								IVC0122556
BOOTS		12/21/2017	N	N			1/21/2018	12/21/2017	\$0.00
1/4/2018					N				\$608.95
55	3749 / CITY OF JURUPA VALLEY								EP17-536
PERMITS		12/20/2017	N	N			1/20/2018	12/20/2017	\$0.00
1/4/2018					N				\$422.75
56	3749 / CITY OF JURUPA VALLEY								EP17-572
PERMITS		12/20/2017	N	N			1/20/2018	12/20/2017	\$0.00
1/4/2018					N				\$422.75
57	3749 / CITY OF JURUPA VALLEY								EP17-573
PERMITS		12/20/2017	N	N			1/20/2018	12/20/2017	\$0.00
1/4/2018					N				\$422.75
58	3921 / CROWN ACE HARDWARE								073759
SUPPLIES		12/21/2017	N	N			1/21/2018	12/21/2017	\$0.00
1/4/2018					N				\$6.45
59	3921 / CROWN ACE HARDWARE								073765
CONCRETE		12/22/2017	N	N			1/22/2018	12/22/2017	\$0.00
1/4/2018					N				\$7.53
60	5710 / EVERSOF								R1768666
WTR SFTNR RNTL		12/31/2017	N	N			1/15/2018	12/31/2017	\$0.00
1/4/2018					N				\$499.60
61	6440 / FILTRONICS, INC								016717
PUMP RPR		12/21/2017	N	N			1/21/2018	12/21/2017	\$0.00
1/4/2018					N				\$4,386.38
62	9505 / CARQUEST AUTO PARTS								7456-369134
TOOL		12/21/2017	N	N			1/21/2018	12/21/2017	\$0.00
1/4/2018					N				\$21.54
63	9510 / SO CAL TRUCKWORKS								6171
R&M TRK		12/22/2017	N	N			1/22/2018	12/22/2017	\$0.00
1/4/2018					N				\$92.58
64	10055 / JADTEC SECURITY SVCS, INC.								1925885
MONITORING SVC		12/31/2017	N	N			1/11/2018	12/31/2017	\$0.00
1/4/2018					N				\$47.85
65	11842 / KRIEGER & STEWART, INC.								41325
WST WTR CONSULT		12/14/2017	N	N			1/14/2018	12/14/2017	\$0.00
1/4/2018					N				\$340.00
66	11842 / KRIEGER & STEWART, INC.								41326
PRETREATMENT		12/14/2017	N	N			1/14/2018	12/14/2017	\$0.00
1/4/2018					N				\$13,503.54
67	11842 / KRIEGER & STEWART, INC.								41327
WTR CONSULT		12/14/2017	N	N			1/14/2018	12/14/2017	\$0.00
1/4/2018					N				\$5,579.50
68	11842 / KRIEGER & STEWART, INC.								41328
WTR CONSULT		12/14/2017	N	N			1/14/2018	12/14/2017	\$0.00
1/4/2018					N				\$4,857.50

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PO Number		Inv Date	Immediate GL Account		Check #			Bank Code	Discount
GL Date		Inv Date	Immediate GL Account		Credit Card	CC Reference #	Payment Date		Total Invoice
69	12715 / LUCE COMMUNICATIONS: dba ABG C								2710821
CLOSING BILLS 11/30		12/14/2017	N	N			1/14/2018	12/14/2017	\$0.00
1/4/2018					N				\$3.40
70	12715 / LUCE COMMUNICATIONS: dba ABG C								2710874
CLOSING BILLS 12/14		12/21/2017	N	N			12/21/2017	12/21/2017	\$0.00
1/4/2018					N				\$4.30
71	12715 / LUCE COMMUNICATIONS: dba ABG C								2710875
WA40 FN 12/19		12/21/2017	N	N			1/21/2018	12/21/2017	\$0.00
1/4/2018					N				\$155.45
72	13200 / MERIT OIL COMPANY								434025
GASOLINE		12/20/2017	N	N			1/15/2018	12/20/2017	\$0.00
1/4/2018					N				\$1,044.29
73	16893 / PRUDENTIAL OVERALL SUPPLY CO								22539697
FLOOR MATS		12/27/2017	N	N			1/15/2018	12/27/2017	\$0.00
1/4/2018					N				\$98.75
74	18356 / RELIABLE WORKPLACE SOLUTIONS								AR59827
COPIER USG		12/21/2017	N	N			1/21/2018	12/21/2017	\$0.00
1/4/2018					N				\$146.51
75	18356 / RELIABLE WORKPLACE SOLUTIONS								AR59828
PRINTER USG		12/21/2017	N	N			1/21/2018	12/21/2017	\$0.00
1/4/2018					N				\$31.82
76	18723 / RUBIDOUX TIRE								2813543
R&M TRK		12/19/2017	N	N			1/19/2018	12/19/2017	\$0.00
1/4/2018					N				\$202.93
77	19130 / SCE								18J2024179475.A
FIELD OFC UTLTY		12/22/2017	N	N			1/15/2018	12/22/2017	\$0.00
1/4/2018					N				\$281.17
78	19130 / SCE								18J2024179475.B
NO3 PLT ENRGY		12/22/2017	N	N			1/15/2018	12/22/2017	\$0.00
1/4/2018					N				\$33,016.45
79	19130 / SCE								18J2024179475.C
WTR PMP ENRGY		12/22/2017	N	N			1/15/2018	12/22/2017	\$0.00
1/4/2018					N				\$34,023.24
80	23993 / GRAINGER								9650293740
FOLDING TABLES		12/20/2017	N	N			1/20/2018	12/20/2017	\$0.00
1/4/2018					N				\$150.33
81	2004 / B.P.S. B's POOL SUPPLIES								91032
SODIUM HYPO		12/26/2017	N	N			1/26/2018	12/26/2017	\$0.00
1/4/2018					N				\$831.80
82	2030 / BABCOCK, E S & SONS, INC								BL70965-0267
WTR ANALYSES		12/15/2017	N	N			1/15/2018	12/15/2017	\$0.00
1/4/2018					N				\$130.00
83	2030 / BABCOCK, E S & SONS, INC								BL71141-0267
WTR ANALYSES		12/17/2017	N	N			1/17/2018	12/17/2017	\$0.00
1/4/2018					N				\$490.00
84	2030 / BABCOCK, E S & SONS, INC								BL71147-0267
LAB FEES		12/18/2017	N	N			1/18/2018	12/18/2017	\$0.00
1/4/2018					N				\$240.00
85	2030 / BABCOCK, E S & SONS, INC								BL71221-0267
WTR ANALYSES		12/19/2017	N	N			1/19/2018	12/19/2017	\$0.00
1/4/2018					N				\$30.00

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PO Number		Inv Date	Immediate GL Account		Check #				Discount
GL Date		Inv Date	Immediate GL Account		Credit Card	CC Reference #	Payment Date		Total Invoice
86	2030 / BABCOCK, E S & SONS, INC								BL71222-0267
WTR ANALYSES		12/19/2017	N	N			1/19/2018	12/19/2017	\$0.00
1/4/2018					N				\$45.00
87	2030 / BABCOCK, E S & SONS, INC								BL71233-0267
WTR ANALYSES		12/19/2017	N	N			1/19/2018	12/19/2017	\$0.00
1/4/2018					N				\$30.00
88	2030 / BABCOCK, E S & SONS, INC								BL71494-0267
LAB FEES		12/21/2017	N	N			1/21/2018	12/21/2017	\$0.00
1/4/2018					N				\$180.00
89	2030 / BABCOCK, E S & SONS, INC								BL71496-0267
LAB FEES		12/21/2017	N	N			1/21/2018	12/21/2017	\$0.00
1/4/2018					N				\$180.00
90	2030 / BABCOCK, E S & SONS, INC								BL71497-0267
LAB FEES		12/21/2017	N	N			1/21/2018	12/21/2017	\$0.00
1/4/2018					N				\$180.00
91	2030 / BABCOCK, E S & SONS, INC								BL71507-0267
LAB FEES		12/21/2017	N	N			1/21/2018	12/21/2017	\$0.00
1/4/2018					N				\$180.00
92	2030 / BABCOCK, E S & SONS, INC								BL71514-0267
LAB FEES		12/21/2017	N	N			1/21/2018	12/21/2017	\$0.00
1/4/2018					N				\$180.00
93	2030 / BABCOCK, E S & SONS, INC								BL71519-0267
WTR ANALYSES		12/21/2017	N	N			1/21/2018	12/21/2017	\$0.00
1/4/2018					N				\$110.00
94	2030 / BABCOCK, E S & SONS, INC								BL71652-0267
WTR ANALYSES		12/26/2017	N	N			1/26/2018	12/26/2017	\$0.00
1/4/2018					N				\$80.00
95	2030 / BABCOCK, E S & SONS, INC								BL71653-0267
WTR ANALYSES		12/26/2017	N	N			1/26/2018	12/26/2017	\$0.00
1/4/2018					N				\$240.00
96	2030 / BABCOCK, E S & SONS, INC								BL71735-0267
LAB FEES		12/27/2017	N	N			1/27/2018	12/27/2017	\$0.00
1/4/2018					N				\$240.00
97	8074 / HARPER & BURNS LLP								20180101.A
DEC 17 LGL SVCS		1/1/2018	N	N			1/15/2018	1/1/2018	\$0.00
1/4/2018					N				\$290.00
98	8074 / HARPER & BURNS LLP								20180101.B
CITY RVSD LTGN		1/1/2018	N	N			1/15/2018	1/1/2018	\$0.00
1/4/2018					N				\$181.25
99	9510 / SO CAL TRUCKWORKS								6173
R&M TRK		12/26/2017	N	N			1/26/2018	12/26/2017	\$0.00
1/4/2018					N				\$374.47
100	13200 / MERIT OIL COMPANY								434994
GASOLINE		12/27/2017	N	N			1/15/2018	12/27/2017	\$0.00
1/4/2018					N				\$865.36
101	20845 / TRI-CO DISPOSAL, INC								1213_122717.A
COMM TRSH		12/28/2017	N	N			1/15/2018	12/28/2017	\$0.00
1/4/2018					N				\$42,304.81
102	20845 / TRI-CO DISPOSAL, INC								1213_122717.B
RES TRSH		12/28/2017	N	N			1/15/2018	12/28/2017	\$0.00
1/4/2018					N				\$94,796.05

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PO Number		Inv Date	Immediate GL Account		Check #				Discount
GL Date		Immediate GL Account			Credit Card	CC Reference #	Payment Date		Total Invoice
103	20845 / TRI-CO DISPOSAL, INC								1213_122717.C
RCSD SHR COMM		12/28/2018	N	N			1/15/2018	12/28/2018	\$0.00
1/4/2018					N				(\$4,231.03)
104	20845 / TRI-CO DISPOSAL, INC								1213_122717.D
RCSD SHR RES		12/28/2017	N	N			1/15/2018	12/28/2017	\$0.00
1/4/2018					N				(\$982.18)
105	20845 / TRI-CO DISPOSAL, INC								1213_122717.E
BILLING FEE		12/28/2017	N	N			1/15/2018	12/28/2017	\$0.00
1/4/2018					N				(\$3,000.00)
106	20879 / TRUSSELL TECHNOLOGIES INC.								4832
CITY RVSD LITGN		12/26/2017	N	N			1/26/2018	12/26/2017	\$0.00
1/4/2018					N				\$618.00
107	21587 / UNITED PARCEL SERVICE								0000F908W2517
POSTAGE		12/23/2017	N	N			1/15/2018	12/23/2017	\$0.00
1/4/2018					N				\$13.89
108	3735 / CHARTER SPECTRUM								0914404122617
INTERNET SVC		12/26/2017	N	N			1/15/2018	12/26/2017	\$0.00
1/4/2018					N				\$250.00
109	3737 / CHASE CARD SERVICES								18J28638795.A
POSTAGE		12/17/2017	N	N			1/11/2018	12/17/2017	\$0.00
1/4/2018					N				\$16.75
110	3737 / CHASE CARD SERVICES								18J28638795.B
OFC SUPPLIES		12/17/2017	N	N			1/11/2018	12/17/2017	\$0.00
1/4/2018					N				\$420.08
111	3737 / CHASE CARD SERVICES								18J28638795.C
SFTWR LIC		12/17/2017	N	N			1/11/2018	12/17/2017	\$0.00
1/4/2018					N				\$24.80
112	3737 / CHASE CARD SERVICES								18J28638795.D
BRD RM TV		12/17/2017	N	N			1/11/2018	12/17/2017	\$0.00
1/4/2018					N				\$1,559.00
113	1856 / READY REFRESH by NESTLE								17L7701128196.A
BTL WTR		12/26/2017	N	N			1/13/2018	12/26/2017	\$0.00
1/4/2018					N				\$163.35

Grand Totals

Total Direct Expense: \$363,758.08
 Total Direct Expense Adj: (\$8,213.21)
 Total Non-Electronic Transactions: \$355,544.87

Report Summary

Report Selection Criteria
 Report Type: Condensed
 Start End
 Transaction Number: Start End

RUBIDOUX COMMUNITY SERVICES DISTRICT
 JANUARY 18, 2018 (BOARD MEETING)
FUND TRANSFER AUTHORIZATION

NET PAYROLL 1/26/2018	61,900.00
WIRE TRANSFER: FEDERAL PAYROLL TAXES 1/29/18	27,000.00
WIRE TRANSFER: STATE PAYROLL TAXES 1/29/18	7,200.00
WIRE TRANSFER: TO CREDIT UNION	2,450.00
WIRE TRANSFER: PERS RETIREMENT	13,400.00
WIRE TRANSFER: PERS HEALTH PREMIUMS	400.00
WIRE TRANSFER: SECTION 125	300.00
WIRE TRANSFER: SECTION 457	3,195.00

1/19/2018 WATER FUND TO GENERAL FUND-Payables	103,555.05
WATER FUND TO GENERAL FUND-Trash	122,459.81
WATER FUND TO SEWER FUND	111,216.14
SEWER FUND TO GENERAL FUND-Payables	8,603.54
SEWER FUND TO GENERAL FUND-Budgeted Sewer Admin Fee Q3	50,000.00

1/19/2018 SEWER FUND CHECKING TO LAIF SEWER OP	50,000.00
SEWER FUND CHECKING TO WATER FUND CHECKING	-
LAIF SEWER OP TO SEWER FUND CHECKING	-
LAIF WASTEWATER RESERVE TO LAIF SEWER OP	-
LAIF SEWER ML TO LAIF SEWER OP	5,110.00
LAIF WASTEWATER REPLACEMENT TO LAIF SWR OP	-
GENERAL FUND CHECKING TO LAIF SEWER ML	-
GENERAL FUND CHECKING TO LAIF PROP TAX	-
GENERAL FUND PROPERTY TAX TO GF CHECKING	8,000.00
GENERAL FUND CHECKING TO GENERAL FUND PROP TAX	-
LAIF GENERAL TO GENERAL FUND CHECKING	-
LAIF PROPERTY TAX TO GF CHECKING	60,000.00
WATER FUND CHECKING TO LAIF-COP PAYBACK	32,500.00
WATER FUND CHECKING TO LAIF-W.R.	4,600.00
LAIF WATER ML TO LAIF WATER REPLACEMENT	-
LAIF WATER ML TO WATER FUND CHECKING	-
LAIF WATER OP TO WATER FUND CHECKING	-
LAIF WATER RESERVE TO LAIF WATER OP	-
LAIF WATER REPLACE TO LAIF WATER OP	11,333.09
LAIF WATER OP TO LAIF WATER RESERVE	-
WATER FUND CHECKING TO LAIF WATER RESERVE	93,000.00
WATER FUND CHECKING TO LAIF WATER OP	110,000.00
LAIF WATER FIELD/ADMIN TO LAIF WATER OP	-
LAIF COP TO WATER FUND CHECKING	-
LAIF COP TO LAIF WATER OP	-

NOTES PAYABLE

<u>DESCRIPTION</u>	<u>BALANCE</u>	<u>PAYMENT</u>	<u>DUE DATE</u>
City of Riverside (Headworks Replacement)	27,128 Prin.	13,564	Oct-17
U.S. Bank Trust (1998 COP's Refunding)	4,170,000 Prin.	616,335	Dec-18
U.S. Bank Trust (1998 COP's Refunding)	1,012,101 Intr.	106,335	Jun-18
MN Plant-State Revolving Loan	4,752,815 Prin.	121,008	Jul-18
MN Plant-State Revolving Loan	1,074,319 Intr.	61,090	Jul-18

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PO Number		Immediate GL Account			Check #		Payment Date		Discount
GL Date					Credit Card				Total Invoice
					CC Reference #				
1	1118 / ACORN TECHNOLOGY CORPORATION								50502.A ✓
JAN IT SUPT		1/1/2018	N	N		1/31/2018	1/1/2018		\$0.00
1/18/2018					N				\$2,725.00 ✓
2	1118 / ACORN TECHNOLOGY CORPORATION								50502.B ✓
CMPTR RPLCMT		1/1/2018	N	N		1/31/2018	1/1/2018		\$0.00
1/18/2018					N				\$626.08 ✓
3	1450 / AIRGAS USA, LLC								9950564748 ✓
TANK RNTL		12/31/2017	N	N		1/30/2018	12/31/2017		\$0.00
1/18/2018					N				\$140.98 ✓
4	2030 / BABCOCK, E S & SONS, INC								BL71739-0267
LAB FEES		12/27/2017	N	N		1/27/2018	12/27/2017		\$0.00
1/18/2018					N				\$180.00 ✓
5	2030 / BABCOCK, E S & SONS, INC								BL71872-0267
LAB FEES		12/28/2017	N	N		1/28/2018	12/28/2017		\$0.00
1/18/2018					N				\$420.00 ✓
6	2030 / BABCOCK, E S & SONS, INC								BL71877-0267
LAB FEES		12/28/2017	N	N		1/28/2018	12/28/2017		\$0.00
1/18/2018					N				\$180.00 ✓
7	2030 / BABCOCK, E S & SONS, INC								BL71888-0267
WTR ANALYSES		12/28/2017	N	N		1/28/2018	12/28/2017		\$0.00
1/18/2018					N				\$30.00 ✓
8	2030 / BABCOCK, E S & SONS, INC								BL71893-0267
WTR ANALYSES		12/28/2017	N	N		1/28/2018	12/28/2017		\$0.00
1/18/2018					N				\$110.00 ✓
9	2030 / BABCOCK, E S & SONS, INC								BL71908-0267
WTR ANALYSES		12/28/2017	N	N		1/28/2018	12/28/2017		\$0.00
1/18/2018					N				\$490.00 ✓
10	2030 / BABCOCK, E S & SONS, INC								BL71911-0267
WTR ANALYSES		12/28/2017	N	N		1/28/2018	12/28/2017		\$0.00
1/18/2018					N				\$45.00 ✓
11	2030 / BABCOCK, E S & SONS, INC								BA80008-0267
LAB FEES		1/2/2018	N	N		1/31/2018	1/2/2018		\$0.00
1/18/2018					N				\$180.00 ✓
12	2030 / BABCOCK, E S & SONS, INC								BA80016-0267
LAB FEES		1/2/2018	N	N		1/31/2018	1/2/2018		\$0.00
1/18/2018					N				\$180.00 ✓
13	2030 / BABCOCK, E S & SONS, INC								BA80025-0267
LAB FEES		1/2/2018	N	N		1/31/2018	1/2/2018		\$0.00
1/18/2018					N				\$240.00 ✓
14	2030 / BABCOCK, E S & SONS, INC								BA88026-0267
LAB FEES		1/2/2018	N	N		1/31/2018	1/2/2018		\$0.00
1/18/2018					N				\$180.00 ✓
15	2030 / BABCOCK, E S & SONS, INC								BA80094-0267
WTR ANALYSES		1/2/2018	N	N		1/31/2018	1/2/2018		\$0.00
1/18/2018					N				\$490.00 ✓
16	2030 / BABCOCK, E S & SONS, INC								BA80095-0267
WTR ANALYSES		1/2/2018	N	N		1/31/2018	1/2/2018		\$0.00
1/18/2018					N				\$45.00 ✓
17	2030 / BABCOCK, E S & SONS, INC								BA80178-0267
WTR ANALYSES		1/3/2018	N	N		2/3/2018	1/3/2018		\$0.00
1/18/2018					N				\$160.00 ✓

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PO Number		Inv Date	Immediate GL Account		Check #			Bank Code	Discount
GL Date		Immediate GL Account			Credit Card	CC Reference #	Payment Date		Total Invoice
18	2030 / BABCOCK, E S & SONS, INC								BA80179-0267 ✓
WTR ANALYSES		1/3/2018	N	N		2/3/2018 ✓	1/3/2018		\$0.00
1/18/2018					N				\$120.00
19	2030 / BABCOCK, E S & SONS, INC								BA80180-267 ✓
WTR ANALYSES		1/3/2018	N	N		2/3/2018	1/3/2018		\$0.00
1/18/2018					N				\$80.00 ✓
20	2030 / BABCOCK, E S & SONS, INC								BA80181-0267
WTR ANALYSES		1/3/2018	N	N		2/3/2018	1/3/2018		\$0.00
1/18/2018					N				\$80.00 ✓
21	2037 / BAKER, TACY								20180104
DMV PHYSICAL		1/4/2018	N	N		2/4/2018	1/4/2018		\$0.00
1/18/2018					N				\$99.00 ✓
22	3749 / CITY OF JURUPA VALLEY								EP 18- 007
PERMIT		1/5/2018	N	N		2/5/2018	1/5/2018		\$0.00
1/18/2018					N				\$221.50 ✓
23	3848 / COMM-TECH COMMUNICATIONS CO.								18011952
TELEPHN PGM		1/8/2018	N	N		2/8/2018	1/8/2018		\$0.00
1/18/2018					N				\$118.75 ✓
24	3921 / CROWN ACE HARDWARE								073839
PVC PARTS		1/4/2018	N	N		2/4/2018	1/4/2018		\$0.00
1/18/2018					N				\$10.26 ✓
25	3921 / CROWN ACE HARDWARE								073840
PVC PARTS		1/4/2018	N	N		2/4/2018	1/4/2018		\$0.00
1/18/2018					N				\$17.20 ✓
26	3921 / CROWN ACE HARDWARE								073844
TOOL		1/4/2018	N	N		2/4/2018	1/4/2018		\$0.00
1/18/2018					N				\$5.38 ✓
27	3921 / CROWN ACE HARDWARE								073847
BATTERIES		1/4/2018	N	N		2/4/2018	1/4/2018		\$0.00
1/18/2018					N				\$6.45 ✓
28	4891 / DUNBAR ARMORED INC.								4115904
JAN ARMOR SVC		1/1/2018	N	N		2/1/2018	1/1/2018		\$0.00
1/18/2018					N				\$821.42 ✓
29	5255 / EDGEWOOD PARTNERS INSURANCE CT								235339
EXCESS LIBLTY		1/2/2018	N	N		2/15/2018	1/2/2018		\$0.00
1/1/2018					N				\$1,477.00 ✓
30	5255 / EDGEWOOD PARTNERS INSURANCE CT								235340
AUTO INS		1/2/2018	N	N		2/15/2018	1/2/2018		\$0.00
1/18/2018					N				\$2,660.75 ✓
31	5255 / EDGEWOOD PARTNERS INSURANCE CT								235341
COMM INS		1/2/2018	N	N		2/15/2018	1/2/2018		\$0.00
1/18/2018					N				\$6,629.00 ✓
32	6470 / FIRST AMERICAN CORELOGIC, INC.								80859473
ON-LINE SVCS		12/31/2017	N	N		1/30/2018	12/31/2017		\$0.00
1/18/2018					N				\$178.75 ✓
33	8012 / HACH COMPANY								10780433
PROBE		1/4/2018	N	N		2/4/2018	1/4/2018		\$0.00
1/18/2018					N				\$670.21 ✓
34	8012 / HACH COMPANY								10760443
PROBE		12/15/2017	N	N		1/18/2018	12/15/2017		\$0.00
1/18/2018					N				\$736.60 ✓

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Tr. #	Vendor	Inv Date	Paid Out	Immediate	Credit Card Vendor	Due Date	Discount Date	Bank Code	Invoice #
PO Number		Inv Date	Immediate GL Account		Check #				Discount
GL Date		Immediate GL Account			Credit Card	CC Reference #	Payment Date		Total Invoice
35	8650 / HOME DEPOT CREDIT SERVICES								8654346
	SECURITY CAMERAS	12/1/2017	N	N					\$0.00
1/18/2018					N				\$2,481.64 ✓
36	9505 / CARQUEST AUTO PARTS								7456-369612
	SUPPLIES	12/28/2017	N	N					\$0.00
1/18/2018					N				\$10.76 ✓
37	9510 / SO CAL TRUCKWORKS								6224
	R&M TRK	1/9/2018	N	N					\$0.00
1/18/2018					N				\$62.12 ✓
38	9682 / INLAND WATER WORKS SUPPLY CO								S1007159.001
	COPPER TUBING	1/2/2018	N	N					\$0.00
1/18/2018					N				\$1,351.19 ✓
39	12610 / NORTHROP GRUMMAN COM INFO SVCS								25368
	SVC CONTRCT HNDHLD	11/21/2017	N	N					\$0.00
1/18/2018					N				\$3,142.76 ✓
40	12715 / LUCE COMMUNICATIONS: dba ABG C								2710916
	WA40 EXP	12/31/2017	N	N					\$0.00
1/18/2018					N				\$302.30 ✓
41	12715 / LUCE COMMUNICATIONS: dba ABG C								2710917
	CLOSING BILLS	12/31/2017	N	N					\$0.00
1/18/2018					N				\$4.30 ✓
42	12715 / LUCE COMMUNICATIONS: dba ABG C								2710918
	CLOSING BILLS	12/31/2017	N	N					\$0.00
1/18/2018					N				\$3.17 ✓
43	13200 / MERIT OIL COMPANY								435955
	GASOLINE	1/3/2018	N	N					\$0.00
1/18/2018					N				\$731.35 ✓
44	13200 / MERIT OIL COMPANY								436423
	DIESEL FUEL	1/4/2018	N	N					\$0.00
1/18/2018					N				\$335.90 ✓
45	14201 / NELCO								5770103 RI
	CHECK STOCK	12/27/2017	N	N					\$0.00
1/18/2018					N				\$162.80 ✓
46	16893 / PRUDENTIAL OVERALL SUPPLY CO								22543228.A
	FLOOR MATS	1/3/2018	N	N					\$0.00
1/18/2018					N				\$107.88 ✓
47	16893 / PRUDENTIAL OVERALL SUPPLY CO								22543528.B
	FLOOR MATS	1/3/2018	N	N					\$0.00
1/18/2018					N				\$133.75 ✓
48	18003 / R&D MECHANICAL SUPPLY, INC								11001777
	PARTS	12/19/2017	N	N					\$0.00
1/18/2018					N				\$264.26 ✓
49	18003 / R&D MECHANICAL SUPPLY, INC								11001781
	PARTS	12/22/2017	N	N					\$0.00
1/18/2018					N				\$68.51 ✓
50	18003 / R&D MECHANICAL SUPPLY, INC								11001796
	PARTS	1/3/2018	N	N					\$0.00
1/18/2018					N				\$41.33 ✓
51	18415 / RIVERSIDE CLEANING SYSTEMS, IN								398
	CLNG SVC	1/3/2018	N	N					\$0.00
1/18/2018					N				\$535.00 ✓

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Tr. #	Vendor	Inv Date	Paid Out	Immediate	Credit Card Vendor	Due Date	Discount Date	Bank Code	Invoice #
PO Number		Immediate	GL Account		Check #			Payment Date	Discount
GL Date					Credit Card	CC Reference #			Total Invoice
52	18723 / RUBIDOUX TIRE								2813714
R&M TRK		1/4/2018	N	N			1/3/2018	1/4/2018	\$0.00
1/18/2018					N				\$217.92 ✓
53	19130 / SCE								18J2283710317
FIRE STN UTLTY		1/6/2018	N	N			1/25/2018	1/6/2018	\$0.00
1/18/2018					N				\$1,035.81 ✓
54	19130 / SCE								18J2011970662
STREETLIGHTS		1/6/2018	N	N			1/25/2018	1/6/2018	\$0.00
1/18/2018					N				\$9,522.63 ✓
55	19130 / SCE								18J2036525640
MAIN OFC UTLTY		1/6/2018	N	N			1/25/2018	1/6/2018	\$0.00
1/18/2018					N				\$781.11 ✓
56	19138 / SCG								18J05925730565
FIRE STN UTLTY		1/3/2018	N	N			1/26/2018	1/3/2018	\$0.00
1/18/2018					N				\$349.91 ✓
57	19138 / SCG								18J17882256005
MAIN OFC UTLTY		1/3/2018	N	N			1/26/2018	1/3/2018	\$0.00
1/18/2018					N				\$133.26 ✓
58	19138 / SCG								18J01302181001
FIELD OFC UTLTY		1/3/2018	N	N			1/26/2018	1/3/2018	\$0.00
1/18/2018					N				\$30.74 ✓
59	13139 / Southern Calif Gas Co.								91096759
LOSS CLAIMS		12/29/2017	N	N			1/28/2018	12/29/2017	\$0.00
1/18/2018					N				\$355.10 ✓
60	21525 / UNDERGROUND SERVICE ALERT OF S								1220170558
DIG ALERTS		1/1/2018	N	N			1/30/2018	1/1/2018	\$0.00
1/18/2018					N				\$69.40 ✓
61	23568 / WESTERN MUNICIPAL WATER DISTR								IN9498
NOV BRINE		12/21/2017	N	N			1/20/2018	12/21/2017	\$0.00
1/18/2018					N				\$429.69 ✓
62	23568 / WESTERN MUNICIPAL WATER DISTR								RI2719
JAN BRINE		1/1/2018	N	N			1/31/2018	1/1/2018	\$0.00
1/18/2018					N				\$680.25 ✓
63	1875 / AT&T								000010756043
PHONE CHGS		1/7/2018	N	N			2/13/2018	1/7/2018	\$0.00
1/18/2018					N				\$474.96 ✓
64	9659 / INLAND DESERT SECURITY & COMMU								180100636101
JAN ANSWR SVC		1/15/2018	N	N			1/25/2018	1/15/2018	\$0.00
1/18/2018					N				\$442.50 ✓
65	12080 / LAWNMOWER CENTER								2761
R&M EQUIP		1/5/2018	N	N			2/5/2018	1/5/2018	\$0.00
1/18/2018					N				\$72.79 ✓
66	16893 / PRUDENTIAL OVERALL SUPPLY CO								22546969
FLOOR MATS		1/10/2018	N	N			2/10/2018	1/10/2018	\$0.00
1/18/2018					N				\$98.75 ✓
67	20505 / TKE ENGINEERING, INC.								2017-549
8" WTR MAIN		11/21/2017	N	N			1/30/2018	11/21/2017	\$0.00
1/18/2018					N				\$11,133.09 ✓
68	20505 / TKE ENGINEERING, INC.								2017-578
AVALON SWR IMPRV		12/15/2017	N	N			1/30/2018	12/15/2017	\$0.00
1/18/2018					N				\$5,110.00 ✓

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Tr. #	Vendor	Inv Date	Paid Out	Immediate	Credit Card Vendor	Due Date	Discount Date	Bank Code	Invoice #
PO Number		Inv Date			Check #				Discount
GL Date	Immediate GL Account				Credit Card	CC Reference #	Payment Date		Total Invoice
69	20845 / TRI-CO DISPOSAL, INC								1228_011018.A
COMM TRSH		1/11/2018	N	N			2/11/2018	1/11/2018	\$0.00
1/18/2018					N				\$26,612.57 ✓
70	20845 / TRI-CO DISPOSAL, INC								1228_011018.B
RES TRSH		1/11/2018	N	N			2/11/2018	1/11/2018	\$0.00
1/18/2018					N				\$95,847.24 ✓
71	20845 / TRI-CO DISPOSAL, INC								1228_011018.C
RCSA SHR COM		1/11/2018	N	N			2/11/2018	1/11/2018	\$0.00
1/18/2018					N				(\$2,661.60) ✓
72	20845 / TRI-CO DISPOSAL, INC								1228_011018.D
RCSA SHR RES		1/11/2018	N	N			2/11/2018	1/11/2018	\$0.00
1/18/2018					N				(\$891.72) ✓
73	21587 / UNITED PARCEL SERVICE								0000F908W2018
POSTAGE		1/6/2018	N	N			1/30/2018	1/6/2018	\$0.00
1/18/2018					N				\$43.15 ✓

Grand Totals

Total Direct Expense:	\$183,534.22
Total Direct Expense Adj:	(\$3,553.32)
Total Non-Electronic Transactions:	\$179,980.90

PRAP

95,261.93 ✓

+ 275,242.83 ✓

Report Summary

Report Selection Criteria

Report Type:	Condensed
Transaction Number:	Start End

AP Adjust/Pay Bills Edit Report
Rubidoux Community Services District (RCSACT)
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Tr. #	Vendor Tran/CC Pmt Date Tran Type	Re / Ch # / CC Ref # / Description Apply To # GL Acct Number	Credit Card Vendor	Bank Code	Total Amount
1	12013 / LABORER'S INTNL LOCAL #777 1/18/2018 Non-Electronic Payment	1000000		GEN	\$240.00
2	12461 / LINCOLN FINANCIAL GROUP 1/12/2018 Electronic Payment	EFT 4272146851 / Lincoln 457 pp 1/12/18 1000000		GEN	\$3,195.00
3	16007 / PUBLIC EMPLOYEES BENEFIT TRUST 1/18/2018 Non-Electronic Payment	1000000		GEN	\$38,078.50
4	16095 / PAYPRO ADMINISTRATORS 1/12/2018 Electronic Payment	EFT 2012547431 / S125 pp 1/12/18 1000000		GEN	\$300.01
5	19775 / STANDARD INSURANCE 1/18/2018 Non-Electronic Payment	1000000		GEN	\$2,620.45
6	22090 / VSP-VISION SERVICE PLAN 1/18/2018 Non-Electronic Payment	1000000		GEN	\$961.12
7	3846 / COLONIAL LIFE & ACCIDENT INS C 1/18/2018 Non-Electronic Payment	1000000		GEN	\$3,018.67
8	9980 / IRS - Federal Payroll - WH 1/16/2018 Electronic Payment	EFT 3933048154 / FED TAX PAYMENT PR 1/12/18 1000000		GEN	\$26,955.64
9	9985 / CalPERS (S) 1/12/2018 Electronic Payment	EFT 1000995783-B / CALPERS PAYMENT PR 1/12/18 1000000		GEN	\$4,305.02
10	9986 / CalPERS (S) 30 1/12/2018 Electronic Payment	EFT 1000995783-A / CALPERS PAYMENT PR 1/12/18 1000000		GEN	\$8,254.68
11	9987 / CalPERS PEPRA 01 1/12/2018 Electronic Payment	EFT 1000995782-A / CalPERS PEPRA PR 1/12/18 1000000		GEN	\$111.95
12	9988 / CalPERS PEPRA 30 1/12/2018 Electronic Payment	EFT 1000995782-B / CalPERS PEPRA PR 1/12/18 1000000		GEN	\$117.02
13	9992 / EMPLOYMENT DEVELOPMENT DEPT 1/16/2018 Electronic Payment	EFT 405978508 / EDD PAYMENT PR 1/12/18 1000000		GEN	\$7,103.87

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Tr. #	Vendor Tran/CC Pmt Date Tran Type	Re / Ch # / CC Ref # / Description Apply To # GL Acct Number	Credit Card Vendor	Bank Code	Total Amount
14	9986 / CalPERS (S) 30 1/12/2018 Increase Balance	PR0000000014 / CORRECT CALPERS BAL 1/12/18			\$57.66

Totals						
CC Amount	Cash Amount	Credit Amount	Debit Amount	Discount Amount	Grand Total	
\$0.00	\$95,261.93	\$57.66	\$0.00	\$0.00	\$95,319.59	
Total Increase Balance:					\$57.66	
Total Electronic Transactions:					\$50,343.19	
Total Non-Electronic Transactions:					\$44,976.40	
Total Payment:					PR AP	\$95,261.93

Report Summary

Report Selection Criteria
 Report Type: Condensed
 Transaction Number: Start End
 Start End

6. ACKNOWLEDGEMENTS – MEMBERS OF THE PUBLIC MAY ADDRESS
THE BOARD AT THIS TIME ON ANY NON-AGENDA MATTER

7. CORRESPONDENCE AND RELATED INFORMATION

John V. Rossi
General Manager

Robert Stockton
Division 1

Thomas P. Evans
Division 2

Brenda Dennstedt
Division 3

Donald D. Galleano
Division 4

S.R. "Al" Lopez
Division 5

WESTERN
MUNICIPAL
WATER
DISTRICT

Securing Your Water Supply

*2/5 copy
Board packet*

December 28, 2017

Mr. Steve Appel
Anita B Smith Treatment Facility
P.O. Box 3098
Jurupa Valley, CA 92509

RECEIVED
DEC 29 2017
BY: _____

COPY

Dear Mr. Appel,

Subject: Certificate of Recognition for Compliance, FY 2016-2017

Congratulations for being in compliance with Western Municipal Water District's (Western) wastewater discharge limits and program requirements for Fiscal Year 2016-2017. Western would like to recognize your efforts by presenting you with a Certificate of Recognition at its Board of Directors Meeting, to be held at **9:30 AM on January 17, 2018**, at 14205 Meridian Parkway, Riverside, CA 92518.

I would be grateful if you would acknowledge your intention of attending the meeting, along with the total number of people attending from your organization. Due to the restricted capacity of the Board Room, it is respectfully suggested that the maximum number of attendees be limited to four (4). Plan on arriving by 9:15 AM in order to be seated in the Board Room – the presentation is likely to be at the beginning of the meeting. If your company is unable to attend, the certificate will be delivered to your facility shortly after the meeting.

Please contact Martyn Draper, Source Control Program Manager at 951.571.7294, or by email at mdraper@wmwd.com, or Ben Burgett at 951.571.7228, or by email at bburgett@wmwd.com.

We look forward to seeing you at the January 17, 2018 Board Meeting.

Sincerely,



Craig D. Miller
General Manager
Western Municipal Water District

FOOD

Unfiltered Fervor: The Rush to Get Off the Water Grid

By NELLIE BOWLES DEC. 29, 2017

SAN FRANCISCO — At Rainbow Grocery, a cooperative in this city’s Mission District, one brand of water is so popular that it’s often out of stock. But one recent evening, there was a glittering rack of it: glass orbs containing 2.5 gallons of what is billed as “raw water” — unfiltered, untreated, unsterilized spring water, \$36.99 each and \$14.99 per refill, bottled and marketed by a small company called Live Water.

“It has a vaguely mild sweetness, a nice smooth mouth feel, nothing that overwhelms the flavor profile,” said Kevin Freeman, a shift manager at the store. “Bottled water’s controversial. We’ve curtailed our water selection. But this is totally outside that whole realm.”

Here on the West Coast and in other pockets around the country, many people are looking to get off the water grid.

Start-ups like Live Water in Oregon and Tourmaline Spring in Maine have emerged in the last few years to deliver untreated water on demand. An Arizona company, Zero Mass Water, which installs systems allowing people to collect water directly from the atmosphere around their homes, began taking orders in November from across the United States. It has raised \$24 million in venture capital.

And Liquid Eden, a water store that opened in San Diego three years ago, offers a variety of options, including fluoride-free, chlorine-free and a “mineral electrolyte alkaline” drinking water that goes for \$2.50 a gallon.

Trisha Kuhlmeier, the owner, said the shop sells about 900 gallons of water a day, and sales have doubled every year as the “water consciousness movement” grows.

What adherents share is a wariness of tap water, particularly the fluoride added to it and the lead pipes that some of it passes through. They contend that the wrong kind of filtration removes beneficial minerals. Even traditional bottled spring water is treated with ultraviolet light or ozone gas and passed through filters to remove algae. That, they say, kills healthful bacteria — “probiotics” in raw-water parlance.

The quest for pure water is hardly new; people have been drinking from natural springs and collecting rainwater from time immemorial. The crusade against adding fluoride to public water began in the 1950s among Americans who saw danger in the protective measures that had been adopted over decades to protect the populace from disease and contamination.

But the off-grid water movement has become more than the fringe phenomenon it once was, with sophisticated marketing, cultural cachet, millions of dollars in funding and influential supporters from Silicon Valley.

One recent morning in the hills of Berkeley, Calif., Cody Friesen, the founder and chief executive of Zero Mass Water, was inspecting water collection panels he had installed for his investor Skip Battle, a longtime tech leader who now sits on the boards of LinkedIn, Netflix and OpenTable.

The system — called Source, which retails for \$4,500, including installation — draws moisture from the air (the way rice does in a saltshaker) and filters it, producing about 10 liters of water a day and storing about 60 liters. The goal, Mr. Friesen said, is to make water “that’s ultra high quality and secure, totally disconnected from all infrastructure.”

“Just take a breath of air,” said Mr. Friesen, a professor of materials science at Arizona State University. “Take a deep breath. No matter how wealthy or poor you are, you can take a breath and own that air that you breathe. And yet water — the government brings it to you.”

Mr. Battle's system runs on power from its own small solar panel. It feeds into a tap set up in his stone garden, where he goes to drink. He said he's been making all his meals and drinks with it.

Mr. Battle poured himself a glass. "The water from the tap just doesn't taste quite as refreshing," he said. "Now is that because I saw it come off the roof, and anything from the roof feels special? Maybe."

The most prominent proponent of raw water is Doug Evans, a Silicon Valley entrepreneur. After his juicing company, Juicero, collapsed in September, he went on a 10-day cleanse, drinking nothing but Live Water. "I haven't tasted tap water in a long time," he said.

Before he could order raw water on demand, Mr. Evans went "spring hunting" with friends. This has become more challenging lately: The closest spring around San Francisco has recently been cut off by landslides, so reaching it means crossing private property, which he does under cover of night.

"You have to be agile and tactile, and be available to experiment," he said. "Literally, you have to carry bottles of water through the dark."

At Burning Man, the summer festival in the Nevada desert that attracts the digerati and others, Mr. Evans and his R.V. mate brought 50 gallons of spring water they had collected. "I'm extreme about health, I know, but I'm not alone with this," Mr. Evans said. "There are a lot of people doing this with me. You never know who you'll run into at the spring."

The founder of Live Water, Mukhande Singh, started selling spring water from Opal Springs in Culver, Ore., three years ago, but it was a small local operation until this year. Marketing materials show Mr. Singh (né Christopher Sanborn) sitting naked and cross-legged on a hot spring, his long brown hair flowing over his chest.

Pure water can be obtained by using a reverse osmosis filter, the gold standard of home water treatment, but for Mr. Singh, the goal is not pristine water, per se. "You're going to get 99 percent of the bad stuff out," he said. "But now you have dead water."

He said “real water” should expire after a few months. His does. “It stays most fresh within one lunar cycle of delivery,” he said. “If it sits around too long, it’ll turn green. People don’t even realize that because all their water’s dead, so they never see it turn green.”

Mr. Singh believes that public water has been poisoned. “Tap water? You’re drinking toilet water with birth control drugs in them,” he said. “Chloramine, and on top of that they’re putting in fluoride. Call me a conspiracy theorist, but it’s a mind-control drug that has no benefit to our dental health.” (There is no scientific evidence that fluoride is a mind-control drug, but plenty to show that it aids dental health.)

Talk like Mr. Singh’s disturbs Dr. Donald Hensrud, the director of the Healthy Living Program at the Mayo Clinic in Rochester, Minn. What the raw-water partisans see as dangers, he says, are important safety measures.

“Without water treatment, there’s acute and then chronic risks,” Dr. Hensrud said, including E. coli bacteria, viruses, parasites and carcinogenic compounds that can be present in untreated water. “There’s evidence all over the world of this, and the reason we don’t have those conditions is because of our very efficient water treatment.”

Dr. Hensrud said he has noticed more interest in alternative water sources; a patient recently asked questions about a raw water he had been drinking. “There are people, just like with immunizations, that don’t accept the status quo,” Dr. Hensrud said.

The rules for selling bottled water are imposed by states and the Food and Drug Administration, which does not specify how water be treated but sets acceptable amounts of chemicals and bacteria at a low level. State and federal inspectors make unannounced visits to bottling plants to test for harmful contaminants.

Seth Pruzansky, the chief executive of Tourmaline Spring (whose website touts its “sacred living” water), got an exemption from the State of Maine in 2009 to sell his water untreated. “The natural food industry has been in the dark ages when it comes to water,” he said. “Now there is a renaissance.”

The movement against tap water, like the movement against vaccines, has brought together unlikely allies from the far left and the far right. Conspiracy theorists like Alex Jones, founder of the right-wing website Infowars, have long argued that fluoride was added to water to make people more docile. Similar claims can be heard in the largely liberal enclaves where Live Water is seeing interest spike.

“Fluoride? It’s a deathly toxic chemical,” said Vanessa Kuemmerle of Emeryville, Calif., who does landscape design for large tech companies. She said she was an early adopter of raw water, and has noticed many of her clients following suit.

“They’re health-conscious people that understand the bigger picture of what’s going on,” she said. “Everyone’s looking for an edge: nootropics, Bulletproof coffee, better water.”

The health benefits she reported include better skin and the need to drink less water. “My skin’s plumper,” she said. “And I feel like I’m getting better nutrition from the food I eat.”

In the community of tap-water skeptics, many talk about water the way others might about fine wine.

“My friends who drink spring water, when they come over now they’re like, ‘Oh yeah, give me the good stuff,’” said Amanda Thompson, a writer in San Francisco. “The consciousness around water is changing.”

Not everyone has been receptive. Many San Franciscans are proud of their tap water, which comes from Hetch Hetchy, a reservoir in Yosemite National Park.

“My landlord lives across the street and thinks I’m crazy,” Ms. Thompson said. “He gave me a big rant around Hetch Hetchy water and how the water’s so good. I always hope he’s not around when there’s a delivery.”

Raw water is such a nascent business that there’s debate over what exactly to call the liquid. Daniel Vitalis hosts a podcast, “ReWild Yourself,” that promotes hunting for food and gathering water; he started the site called FindASpring.com to help people locate springs. He prefers the term “unprocessed water,” which echoes the idea of processed versus unprocessed food.

“I don’t like ‘raw water’ because it sort of makes people think of raw sewage,” Mr. Vitalis said. “When you say ‘live water,’ that’s going to trigger a lot of people who are into physics and biology. Is it alive?”

Follow NYT Food on Facebook, Instagram, Twitter and Pinterest. Get regular updates from NYT Cooking, with recipe suggestions, cooking tips and shopping advice.

Correction: December 31, 2017

An earlier version of a caption misstated the connection between the Crooked River in Oregon and the aquifer tapped by Opal Springs Water Company. The aquifer feeds the river, not vice versa.

A version of this article appears in print on January 3, 2018, on Page D1 of the New York edition with the headline: A Rush to Get Off the Water Grid.

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LOCAL NEWS

Beaumont needs a \$110 million wastewater plant project but isn't sure how to pay for it



CRAIG SHULTZ / STAFF

Beaumont will be updating its wastewater treatment plant as part of a \$110 million project. CRAIG SHULTZ / STAFF

By **CRAIG SHULTZ** | cshultz@scng.com | The Press-Enterprise



PUBLISHED: December 23, 2017 at 2:00 pm | UPDATED: January 4, 2018 at 12:05 pm

Beaumont is continuing a project to upgrade and expand its wastewater treatment plant, but how the \$110 million project will be paid for is still being pondered.

The project comes after a regional water quality board required the city to make the improvements. The plant must be expanded because it's operating above a 75 percent threshold.

- Update: [Here's how you can chime in on Beaumont's proposed increase in sewer rates](#)

Mayor Nancy Carroll said the plant has ramifications far beyond meeting standards and serving today's residents. Banning's future growth depends on solid infrastructure, she said.

"Everybody wants economic development — restaurants, better shopping, movie theaters," she said. "Unless you plan for an improved and more strategic response, you won't get anybody to make that investment."

The project includes advanced treatment systems that will produce recycled water.

But that will necessitate a system to dispose of brine waste. The city is working with the Santa Ana Watershed Authority and Orange County Sanitation district to get a permit to discharge the brine into the Inland Empire Brine line.

Beaumont received a Dec. 31 deadline for its expansion and financing plans, which were discussed at a Tuesday, Dec. 19, meeting.

Lloyd White, who just finished his term as mayor, said about 60 percent of the price tag is to upgrade the plant, which will be paid for with money the city has been collecting from a 2013 sewer rate increase.

But the city must find dollars to tap into the brine line.

“The plan is to fund it through debt,” White said. “The bigger question is, how are we going to pay for the debt.”

The city plans to pay for the project in part by again raising sewer rates.

A proposal to increase the rate 4.19 percent March 1 and 7 percent annually on Jan. 1, 2019, through 2022 was put on hold during a Dec. 5 city council meeting.

Enough questions were brought up to pause the process and study it more, White said. The proposal will likely come back to the council in summer, he said.

Under state law, rates can't rise without giving ratepayers a chance to protest the higher cost.

At the Dec. 5 session, City Manager Todd Parton suggested stopping the current rate process so the city could schedule community meetings to give residents background and explain its reasons behind rate adjustments, meeting transcripts show.

White said ratepayers will be queried to see if they prefer a gradual increase starting sooner or to wait and tack on a larger increase in the future.

“We don't have to begin increasing rates right away,” he said. “We don't need the money right away for the brine line.”

Beaumont provides sewer service to the entire city and some properties outside the city limits. It does not have a water department.

The latest decision was made the day that four former Beaumont officials accused of corruption pleaded guilty Tuesday, Dec. 19, to charges including embezzlement, misappropriation of public funds and conflict of interest, and agreed to pay a total of \$8.1 million in restitution.

While the case isn't fully closed, other issues the city was facing have been concluded and finances are improving giving the city and council an almost clean slate headed into 2018.

“We'd like to put it all behind us and move forward,” White said.

<https://www.googletagmanager.com/ns.html?id=GTM-TLFP4R>

LOCAL NEWS

1 Riverside house evacuated, 14 shelter in place over broken gas, water lines

By **GAIL WESSON** | gwesson@scng.com | The Press-Enterprise



PUBLISHED: January 9, 2018 at 12:06 am | UPDATED: January 9, 2018 at 3:59 pm

A broken gas line and broken water pipe in the middle of a cul-de-sac in Riverside forced one house to evacuate Monday night, while residents of 14 other homes were asked to shelter in place, a fire official said.

The Gas Company and Riverside Public Utilities crews worked through the night, and repairs were completed by 6 a.m. Tuesday, SoCal Gas spokesperson Fiorella Canedo said via email. As of 1 p.m. Tuesday, they were still onsite removing water from the gas line.

An underground water main broke, and water intruded into the gas line and caused it to break, Canedo wrote. The water damaged gas regulators and meters, which will need to be replaced before service can be restored. Canedo said the parts could be in place by Tuesday evening.

She also said there were still 53 service outages, but there were no safety concerns at this point.

The problem was reported at 8:09 pm. in the 11000 block of Springway Court, east of Pierce Street and Riverwalk Parkway in the city's La Sierra neighborhood, according to Riverside Fire Department Battalion Chief Bruce Vanderhorst

The breaks "lifted up the street a couple inches," Vanderhorst said.

Staff writer Stephen Ramirez contributed to this report.

Tags: **Top Stories PE**

Gail Wesson

Gail Wesson has covered news for The Press-Enterprise for decades, mostly in Riverside County, with occasional forays across the county line. Datelines on her stories span the county – from the state agricultural inspection station in Blythe, to the Circle in Corona, the Stringfellow Acid Pits in Mira Loma, Temecula before there were traffic signals and to the highest point in the county, Mount San Jacinto. Most of her time has been spent covering local governments or how county, state or federal government affects communities. Breaking news, from floods to wild land fires and the consequences of disasters, watchdog reporting, criminal courts coverage and environmental explainers on water rights/supply issues and why bald eagles and San Bernardino kangaroo rats should be saved are icing on her news cake.

[Follow Gail Wesson @PE_GailWesson](#)

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A leading bank just
upped the intro bonus
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8. MANAGER'S REPORT

- a) Operations Report
- b) Emergency and Incident Report

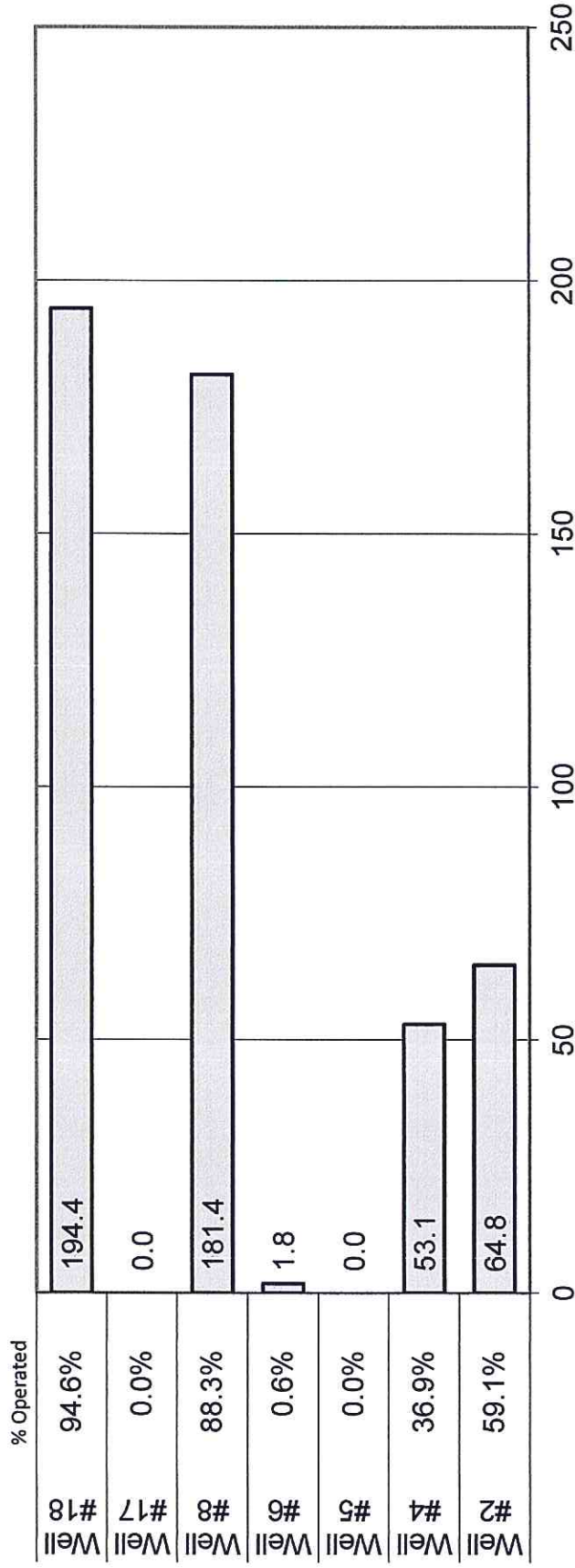
Water and Wastewater Production Comparison

Date	TOTAL WELL PRODUCTION in Million Gallons					Consumption to JURUPA C.S.D.	WASTEWATER FLOW TO RIVERSIDE
	Purchased	Potable Wells	Potable Total	Non-Potable Wells	Non-Potable Total	(Million Gallons)	(Million Gallons)
12/1/2017	0.00	5.46	5.46	0.44	5.89	2.14	1.92
12/2/2017	0.00	5.88	5.88	0.24	6.12	2.15	1.90
12/3/2017	0.00	6.43	6.43	0.45	6.87	2.15	1.82
12/4/2017	0.00	6.14	6.14	0.01	6.16	2.15	1.95
12/5/2017	0.00	5.84	5.84	0.43	6.26	2.27	1.97
12/6/2017	0.00	5.74	5.74	0.04	5.78	2.27	2.01
12/7/2017	0.00	6.68	6.68	0.46	7.14	2.13	2.00
12/8/2017	0.00	6.19	6.19	0.41	6.60	2.13	1.92
12/9/2017	0.00	6.04	6.04	0.52	6.55	2.14	1.82
12/10/2017	0.00	6.75	6.75	0.55	7.31	2.13	1.81
12/11/2017	0.00	6.86	6.86	0.43	7.29	2.14	1.95
12/12/2017	0.00	6.40	6.40	0.38	6.79	2.13	2.03
12/13/2017	0.00	6.67	6.67	0.38	7.05	2.14	1.98
12/14/2017	0.00	6.13	6.13	0.38	6.51	2.29	1.90
12/15/2017	0.00	6.19	6.19	0.03	6.21	2.29	1.93
12/16/2017	0.00	6.46	6.46	0.54	7.00	2.29	1.91
12/17/2017	0.00	4.95	4.95	0.00	4.95	2.29	1.73
12/18/2017	0.00	5.29	5.29	0.44	5.72	0.00	1.99
12/19/2017	0.00	4.29	4.29	0.46	4.75	0.00	1.99
12/20/2017	0.00	3.98	3.98	0.46	4.43	0.00	1.95
12/21/2017	0.00	3.97	3.97	0.46	4.43	0.00	1.96
12/22/2017	0.00	3.81	3.81	0.02	3.83	0.00	1.92
12/23/2017	0.00	3.72	3.72	0.42	4.13	0.00	1.81
12/24/2017	0.00	4.04	4.04	0.02	4.06	0.00	1.84
12/25/2017	0.00	3.50	3.50	0.22	3.72	0.00	1.60
12/26/2017	0.00	3.95	3.95	0.10	4.05	0.00	1.88
12/27/2017	0.00	4.25	4.25	0.42	4.66	0.00	2.00
12/28/2017	0.00	4.43	4.43	0.42	4.86	0.00	2.00
12/29/2017	0.00	3.82	3.82	0.01	3.84	0.00	1.95
12/30/2017	0.00	3.57	3.57	0.41	3.98	0.00	1.82
12/31/2017	0.00	4.04	4.04	0.03	4.07	0.00	1.74
MINIMUM	0.00	3.50	3.50	0.00	3.72	0.00	1.60
AVERAGE	0.00	5.21	5.21	0.31	5.52	1.20	1.90
MAXIMUM	0.00	6.86	6.86	0.55	7.31	2.29	2.03
TOTAL	0.00	161.45	161.45	9.55	171.00	37.23	58.97

RUBIDOUX COMMUNITY SERVICES DISTRICT
MONTHLY WELL PRODUCTION
(Million Gallons)

DATE	POTABLE WATER										NONPOTABLE WATER						TOTALS		
	JURUPA TIE-IN (MG)	TROYER Well #2 (MG)	Nitrate Removal Pit		DAILY Well #5 (MG)	GOULD Well #8 (MG)	Manganese Removal Plant #2		28th ST. Well #3 (MG)	DAILY Well #7 (MG)	CLEMMENT Well #11 (MG)	46th ST. Well #14 (MG)	MISSION #19 & #20 (MG)	POTABLE (MG)	NON POTABLE (MG)	TOTAL PROD. (MG)			
			FLEETWOOD Well #4 (MG)	SKOTTY Well #6 (MG)			Well #17 (MG)	Well #18 (MG)											
12/1/2017	0.00	0.98	0.84	0.00	0.00	1.67	0.00	0.00	1.96	0.00	0.43	0.00	0.01	5.46	0.44	5.89			
12/2/2017	0.00	0.96	1.13	0.00	0.00	1.80	0.00	0.00	1.99	0.00	0.23	0.00	0.01	5.88	0.24	6.12			
12/3/2017	0.00	0.99	1.04	0.00	0.00	2.28	0.00	0.00	2.12	0.00	0.44	0.00	0.01	6.43	0.45	6.87			
12/4/2017	0.00	1.02	0.83	0.00	0.00	2.24	0.00	0.00	2.05	0.00	0.00	0.00	0.01	6.14	0.01	6.16			
12/5/2017	0.00	1.00	0.86	0.00	0.00	1.89	0.00	0.00	2.09	0.00	0.41	0.00	0.01	5.84	0.43	6.26			
12/6/2017	0.00	1.07	0.00	0.00	0.00	2.48	0.00	0.00	2.20	0.00	0.02	0.00	0.02	5.74	0.04	5.78			
12/7/2017	0.00	0.93	1.33	0.59	0.00	1.99	0.00	0.00	1.84	0.00	0.45	0.00	0.01	6.68	0.46	7.14			
Subtotal	0.00	6.96	6.02	0.59	0.00	14.35	0.00	0.00	14.25	0.00	1.98	0.00	0.08	42.17	2.06	44.22			
12/8/2017	0.00	1.07	1.04	0.00	0.00	1.92	0.00	0.00	2.16	0.00	0.40	0.00	0.01	6.19	0.41	6.60			
12/9/2017	0.00	0.97	1.28	0.00	0.00	1.85	0.00	0.00	1.94	0.00	0.51	0.00	0.01	6.04	0.52	6.55			
12/10/2017	0.00	0.96	1.64	0.00	0.00	2.17	0.00	0.00	1.98	0.00	0.54	0.00	0.01	6.75	0.55	7.31			
12/11/2017	0.00	1.01	1.37	0.00	0.00	2.27	0.00	0.00	2.21	0.00	0.42	0.00	0.01	6.86	0.43	7.29			
12/12/2017	0.00	1.05	0.98	0.00	0.00	2.35	0.00	0.00	2.03	0.00	0.37	0.00	0.01	6.40	0.38	6.79			
12/13/2017	0.00	1.01	1.42	0.00	0.00	2.22	0.00	0.00	2.02	0.00	0.37	0.00	0.01	6.67	0.38	7.05			
12/14/2017	0.00	1.03	0.99	0.00	0.00	2.13	0.00	0.00	1.99	0.00	0.37	0.00	0.01	6.13	0.38	6.51			
Subtotal	0.00	7.09	8.73	0.00	0.00	14.90	0.00	0.00	14.32	0.00	2.98	0.00	0.07	45.05	3.05	48.10			
12/15/2017	0.00	1.05	0.48	0.00	0.00	2.45	0.00	0.00	2.20	0.00	0.01	0.00	0.02	6.19	0.03	6.21			
12/16/2017	0.00	1.02	1.18	0.00	0.00	2.23	0.00	0.00	2.04	0.00	0.53	0.00	0.01	6.46	0.54	7.00			
12/17/2017	0.00	0.89	0.20	0.00	0.00	2.02	0.00	0.00	1.84	0.00	0.00	0.00	0.00	4.95	0.00	4.95			
12/18/2017	0.00	0.36	0.69	0.00	0.00	2.03	0.00	0.00	2.22	0.00	0.42	0.00	0.02	5.29	0.44	5.72			
12/19/2017	0.00	0.04	0.00	0.00	0.00	2.32	0.00	0.00	1.94	0.00	0.44	0.00	0.02	4.29	0.46	4.75			
12/20/2017	0.00	0.04	0.00	0.00	0.00	1.83	0.00	0.00	2.11	0.00	0.44	0.00	0.02	3.98	0.46	4.43			
12/21/2017	0.00	0.41	0.00	0.00	0.00	1.61	0.00	0.00	1.95	0.00	0.44	0.00	0.03	3.97	0.46	4.43			
Subtotal	0.00	3.81	2.54	0.00	0.00	14.48	0.00	0.00	14.29	0.00	2.28	0.00	0.10	35.12	2.38	37.50			
12/22/2017	0.00	0.00	0.00	0.00	0.00	1.82	0.00	0.00	1.99	0.00	0.00	0.00	0.02	3.81	0.02	3.83			
12/23/2017	0.00	0.00	0.00	0.00	0.00	1.61	0.00	0.00	2.11	0.00	0.41	0.00	0.01	3.72	0.42	4.13			
12/24/2017	0.00	0.45	0.00	0.00	0.00	1.82	0.00	0.00	1.77	0.00	0.02	0.00	0.01	4.04	0.02	4.06			
12/25/2017	0.00	0.03	0.00	0.00	0.00	1.30	0.00	0.00	2.17	0.00	0.21	0.00	0.01	3.50	0.22	3.72			
12/26/2017	0.00	0.20	0.00	0.00	0.00	1.73	0.00	0.00	2.02	0.00	0.09	0.00	0.01	3.95	0.10	4.05			
12/27/2017	0.00	0.57	0.00	0.00	0.00	1.57	0.00	0.00	2.11	0.00	0.40	0.00	0.01	4.25	0.42	4.66			
12/28/2017	0.00	0.65	0.00	0.00	0.00	1.75	0.00	0.00	2.03	0.00	0.41	0.00	0.01	4.43	0.42	4.86			
12/29/2017	0.00	0.50	0.00	0.00	0.00	1.19	0.00	0.00	2.14	0.00	0.00	0.00	0.01	3.82	0.01	3.84			
12/30/2017	0.00	0.41	0.00	0.00	0.00	1.15	0.00	0.00	2.00	0.00	0.41	0.00	0.01	3.57	0.41	3.98			
12/31/2017	0.00	0.44	0.00	0.00	0.00	1.43	0.00	0.00	2.17	0.00	0.02	0.00	0.01	4.04	0.03	4.07			
Subtotal	0.00	3.25	0.00	0.00	0.00	15.37	0.00	0.00	20.49	0.00	1.96	0.00	0.11	39.12	2.07	41.19			
TOTAL	0.000	21.112	17.296	0.590	0.000	59.103	0.000	0.000	63.350	0.000	9.192	0.000	0.359	161.451	9.551	171.002			

TOTAL WATER PRODUCED w/ % Operated December 2017

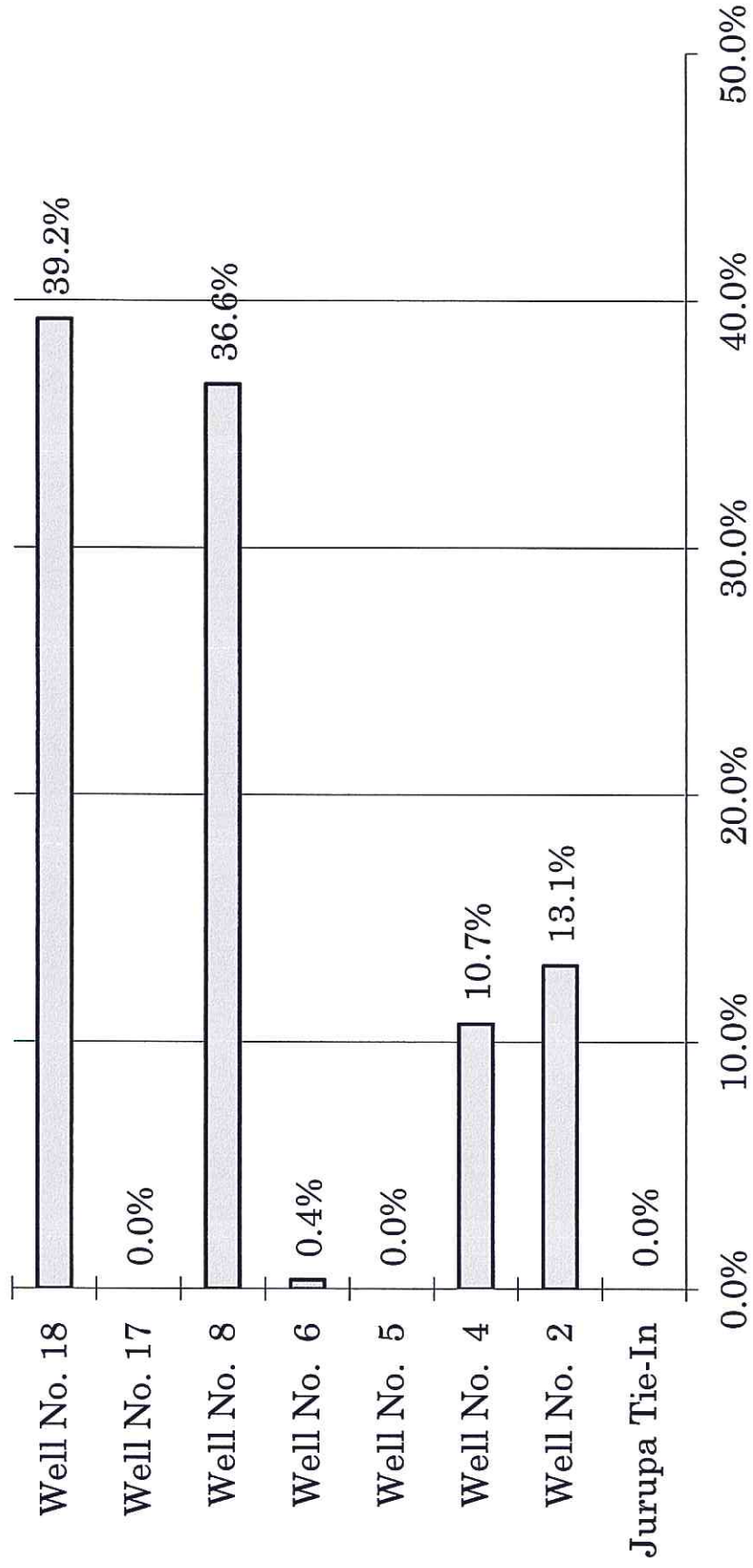


Max Production **1276.2 AF**
Monthly Production **421.6 AF**
Reserve Production **854.6 AF**

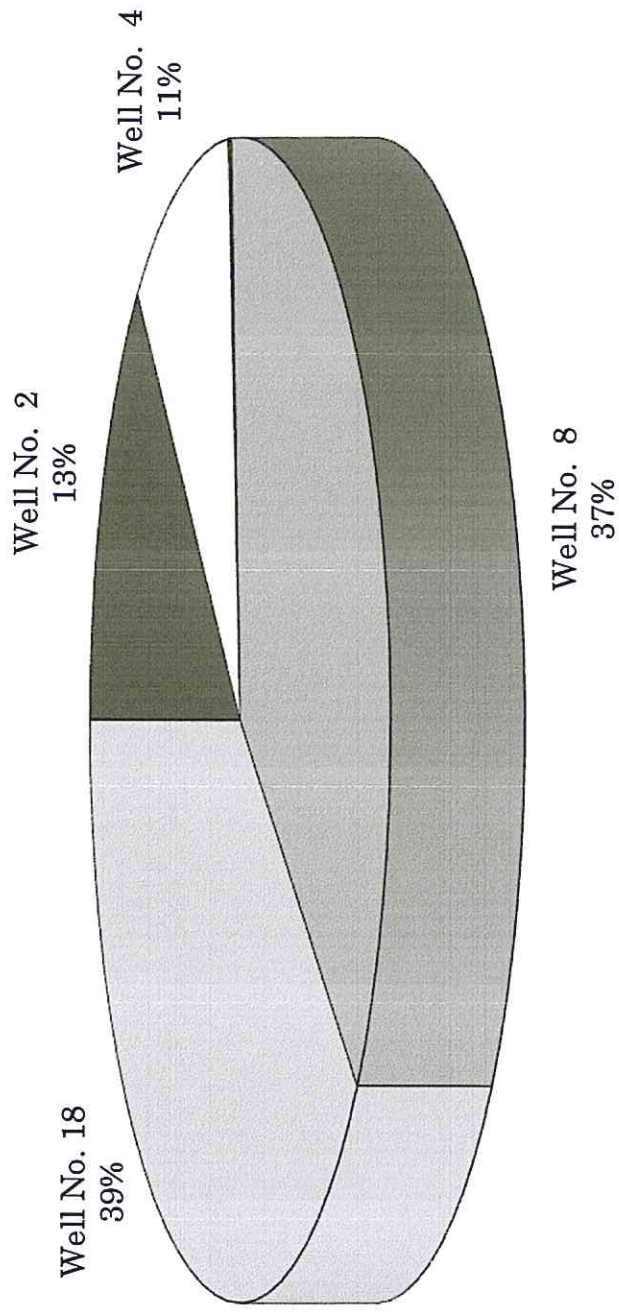
ACRE FEET

1 Acre Foot = 43,560 Cubic Feet = 325,829 Gallons

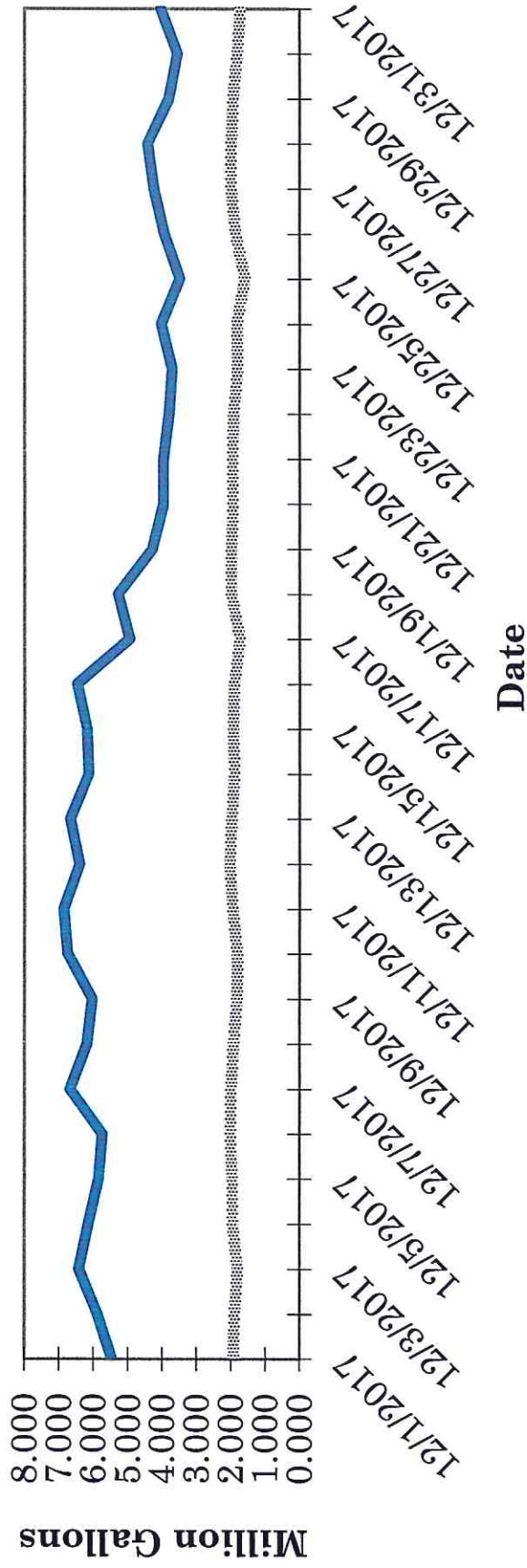
Source Potable Production Comparison December 2017



Source Potable Production Comparison December 2017



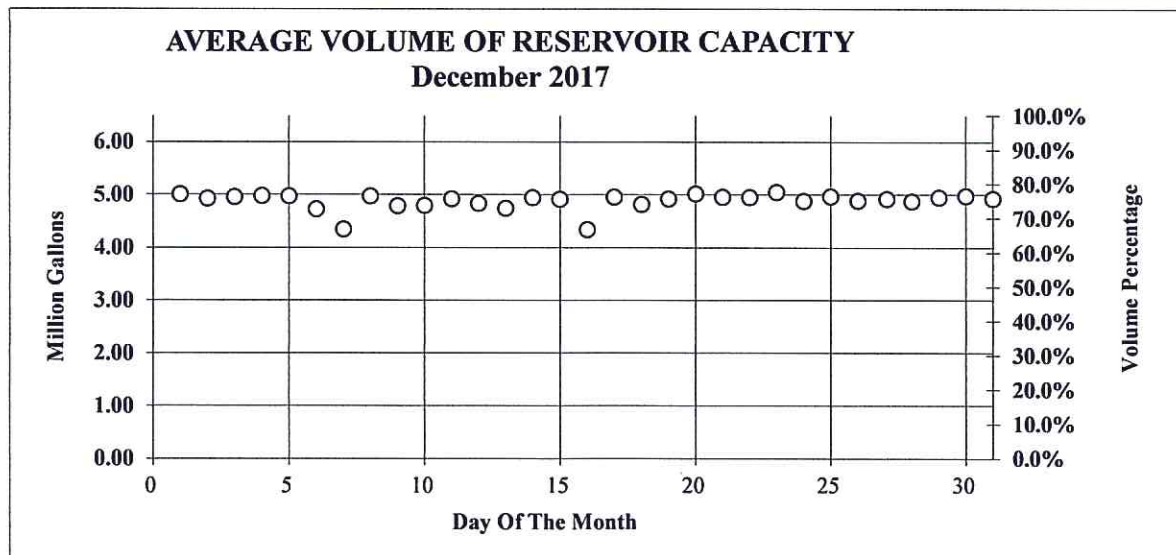
Potable Water & Wastewater Comparison December 2017



— Potable Water Prod.
 Wastewater Prod.

RUBIDOUX COMMUNITY SERVICES DISTRICT Reservoir Capacity Report

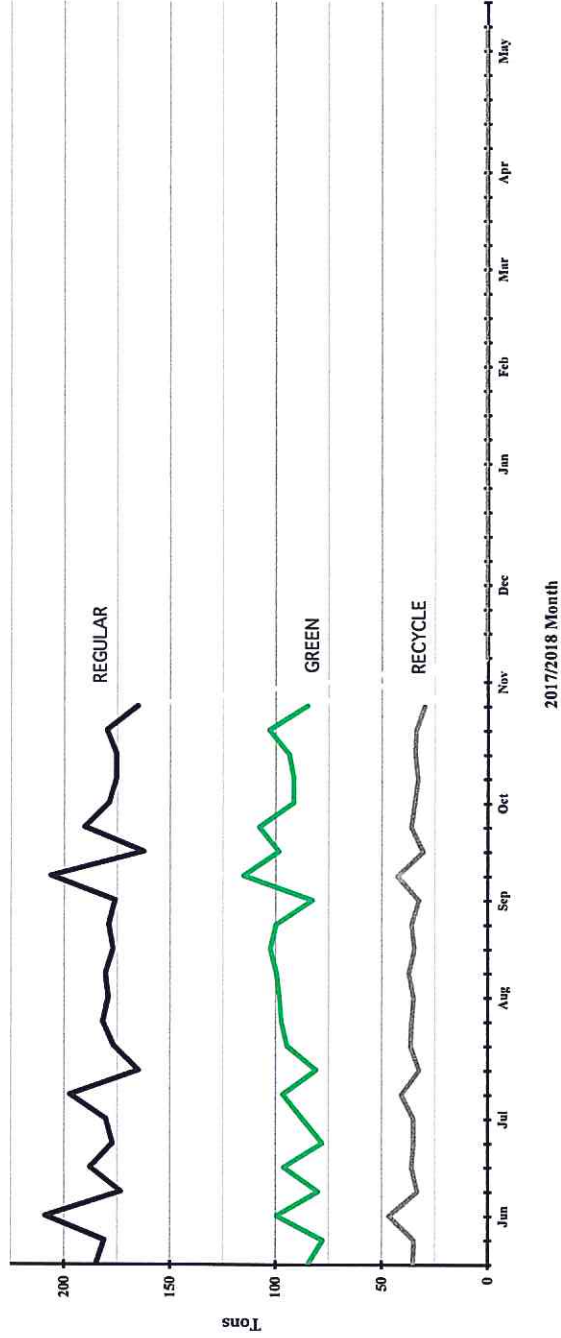
CAPACITY	ATKINSON SYSTEM		HUNTER SYSTEM		WATER AVAILABLE (Gallons)*	PERCENTAGE OF TOTAL CAPACITY
	2,000,000	3,000,000	425,000	1,000,000		
DATE	ATKINSON	WATSON	HUNTER 1	PERRONE		
12/1/2017	80.1	75.5	78.4	79.2	5,005,222	77.9%
12/2/2017	78.8	74.8	78.4	77.7	4,927,050	76.7%
12/3/2017	80.1	75.6	75.4	77.1	4,952,636	77.1%
12/4/2017	80.3	75.3	79.1	77.4	4,976,802	77.5%
12/5/2017	79.3	75.2	79.9	77.9	4,971,928	77.4%
12/6/2017	75.0	70.8	78.9	77.9	4,721,424	73.5%
12/7/2017	64.5	64.3	78.2	77.9	4,345,463	67.6%
12/8/2017	79.8	75.5	77.6	78.0	4,971,898	77.4%
12/9/2017	76.4	72.7	76.5	77.1	4,790,234	74.6%
12/10/2017	76.5	73.0	74.5	76.5	4,792,209	74.6%
12/11/2017	78.2	74.3	76.4	79.5	4,917,149	76.5%
12/12/2017	76.4	72.7	78.8	78.7	4,831,593	75.2%
12/13/2017	74.4	71.4	78.7	77.5	4,740,864	73.8%
12/14/2017	78.8	74.5	78.2	78.6	4,940,429	76.9%
12/15/2017	78.6	74.2	77.2	78.5	4,912,302	76.5%
12/16/2017	65.3	63.9	78.5	78.6	4,336,907	67.5%
12/17/2017	79.3	74.9	76.9	78.5	4,956,445	77.1%
12/18/2017	76.6	72.6	78.3	77.1	4,814,622	74.9%
12/19/2017	79.1	73.6	76.9	79.3	4,920,066	76.6%
12/20/2017	81.8	75.8	77.0	77.5	5,016,779	78.1%
12/21/2017	80.3	74.3	76.4	78.0	4,955,537	77.1%
12/22/2017	79.9	74.4	77.4	77.8	4,949,196	77.0%
12/23/2017	82.1	76.0	78.2	78.0	5,046,809	78.5%
12/24/2017	79.1	73.9	75.8	77.2	4,878,830	75.9%
12/25/2017	80.5	74.8	77.8	78.7	4,968,078	77.3%
12/26/2017	78.9	73.5	77.3	77.9	4,887,754	76.1%
12/27/2017	79.5	74.0	76.9	77.9	4,917,577	76.5%
12/28/2017	79.2	73.9	77.0	76.0	4,876,476	75.9%
12/29/2017	79.6	74.2	79.3	78.2	4,946,766	77.0%
12/30/2017	80.8	75.1	79.0	78.4	4,977,328	77.5%
12/31/2017	79.9	74.4	76.8	77.6	4,923,105	76.6%



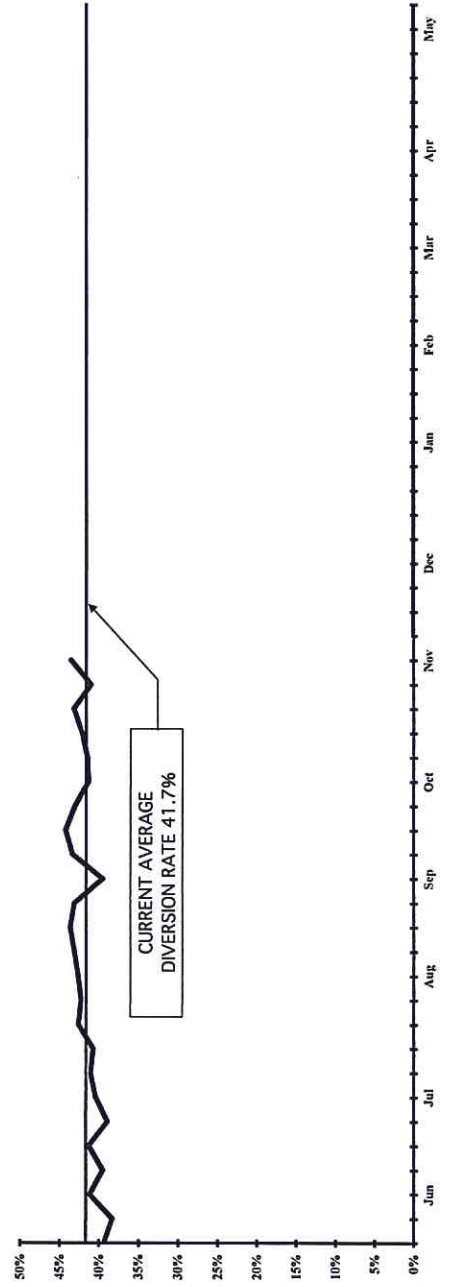
* The total capacity of all District reservoirs is 6,425,000 gallons.

RUBIDOUX COMMUNITY SERVICES DISTRICT
 Green Waste Program
 (May 17 to June 18)

CHARACTERIZATION OF REFUSE COLLECTED



PERCENTAGE OF GREEN/RECYCLE WASTE DIVERTED





**CAL
FIRE**



Resource Activity Report

12/1/2016 12/31/2016

12/1/2017

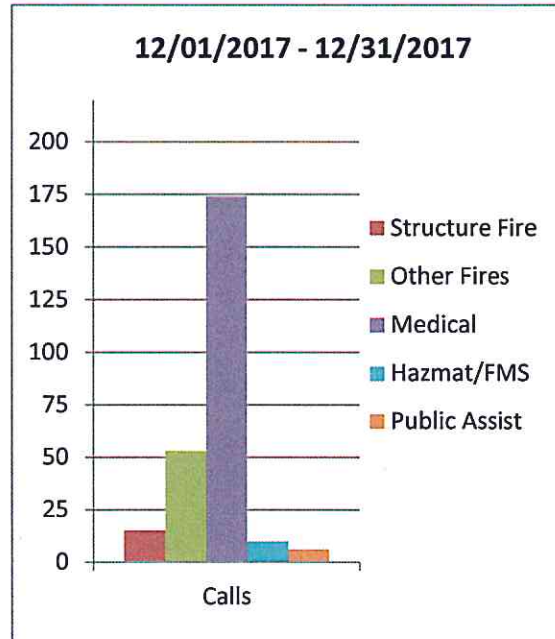
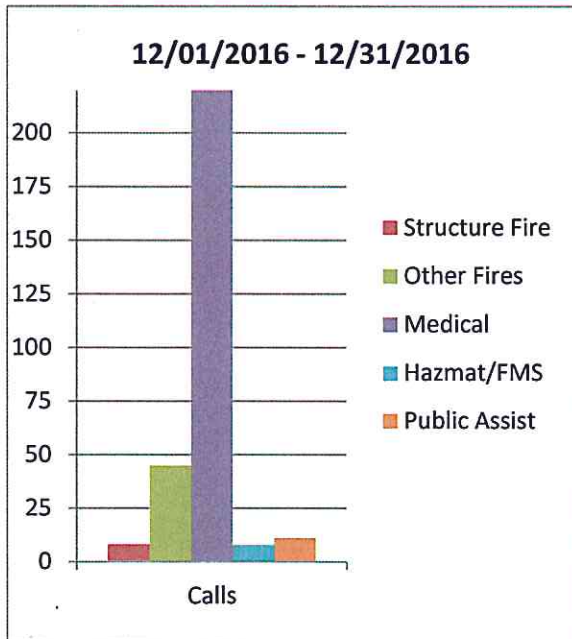
12/31/2017

Call Type	Station 38
Veg/Structure Fire	8
Other Fires	45
Medical	220
Hazmat/FMS	8
Public Assist	11
Period Total	292

Year to Date	3,154
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Call Type	Station 38
Veg/Structure Fire	15
Other Fires	53
Medical	174
Hazmat/FMS	10
Public Assist	6
Period Total	258

Year to Date	3,068
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9. RECEIVE AND FILE STATEMENT OF CASH ASSET REPORT
FOR ALL DISTRICT FUNDS ENDING DECEMBER 2017:
DM 2018-01

Rubidoux Community Services District

Board of Directors

Christopher Barajas
Armando Muniz
Bernard Murphy
F. Forest Trowbridge
Hank Trueba Jr.



Secretary-Manager

David D. Lopez

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

DIRECTORS MEMORANDUM 2018-01

January 18, 2018

To: Rubidoux Community Services District
Board of Directors

Subject: Receive and File December's Statement of Cash Asset Schedule

BACKGROUND:

Attached for the Board of Directors' consideration is the December 2017 Statement of Cash Asset Schedule Report for all District Fund Accounts. Our YTD interest is \$86,357.00 for District controlled accounts. With respect to District "Funds in Trust", we show \$3,663.00 which has been earned and posted. The District has a combined YTD interest earned total of \$90,020.25 as of December 31, 2017.

With respect to the District's Operating Funds (Excluding Restricted Funds and Operating Reserves), we show a balance of \$5,409,905.00 ending December 31, 2017. That's **\$438,832.00 MORE** than July 1, 2017, beginning balance of \$4,971,073.00.

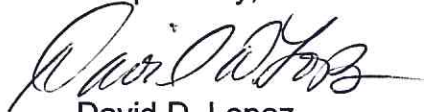
Further, the District's Field/Admin Fund current fund balance is just over \$330,000.00.

Submitted for the Board of Directors consideration is the **December 2017, Statement of Cash Asset Schedule Report** for your review and acceptance this afternoon.

RECOMMENDATION:

Staff recommends to **“Receive and File”** the December 2017 Statement of Cash Asset Schedule Report to the Rubidoux Community Services District Board of Directors.

Respectfully,



David D. Lopez
Secretary-Manager

Attachment: December 2017, Cash Asset Schedule Report

RUBIDOUX COMMUNITY SERVICES DISTRICT

INVESTMENT SUMMARY - DECEMBER 31, 2017
CASH BASIS

	Beg. Balance 7/1/2017	YTD Int.	Other Activity YTD	Balance 12/31/2017	YTD Avg. Int. Rate
Fire Mitigation	\$1,311,432.37	\$6,507.54	\$0.00	\$1,317,939.91	0.49%
Wastewater CIP	3,007,240.02	9,229.05	42,122.37	3,058,591.44	0.30%
Water CIP	2,559,371.08	6,371.78	-	2,565,742.86	0.25%
Operating	4,971,073.06	31,655.82	407,176.60	5,409,905.48	0.59%
Water Operating Reserve	3,655,453.18	10,090.14	359,726.14	4,025,269.46	0.25%
Water Replacement Reserve	606,259.92	3,176.79	83,005.52	692,442.23	0.46%
COP Reserve	2,475,937.57	13,253.46	(43,727.57)	2,445,463.46	0.54%
Wastewater Operating Reserve	2,034,280.79	4,607.17	(762,188.50)	1,276,699.46	0.36%
Field/admin Fund	275,100.32	1,465.39	54,046.50	330,612.21	0.44%
Funds in Trust	737,309.67	3,663.11	-	740,972.78	0.49%
Total Investments	\$21,633,457.98	\$90,020.25	\$140,161.06	\$21,863,639.29	0.41%

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
 FOR PERIOD DECEMBER 1, 2017 THRU DECEMBER 31, 2017
 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>
12/1/2017	Premier Bank	CD		Beg. Bal.		1.00	-	170,000.20	
	Premier Bank			Interest			-	170,000.20	
	Premier Bank			Redeem	-			170,000.20	
12/31/2017	Premier Bank	CD	4/3/2018	Purchase	-			170,000.20	
12/1/2017	Premier Bank	Checking		Beg. Bal.		0.00	-	8,835.50	
	Premier Bank	Fire Mitig		Activity	-		-	8,835.50	
12/31/2017	Premier Bank			End Bal.	-			8,835.50	
12/1/2017	LAIF	Fire Mitigation		Beg. Bal.		1.14	-	1,125,313.62	
	LAIF			Interest			-	1,125,313.62	
12/31/2017	LAIF			Activity	-			1,125,313.62	
12/1/2017	Premier Bank	Safekeeping		Beg. Bal.		0.00	868.50	12,922.09	
	Premier Bank			Activity	-			868.50	
12/31/2017	Premier Bank			End Bal.				13,790.59	1,317,939.91

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
 FOR PERIOD DECEMBER 1, 2017 THRU DECEMBER 31, 2017
 CASH BASIS
WASTEWATER CIP FUNDS

<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>
12/1/2017	LAIF	Sewer Mainline		Beg. Bal.				1,734,943.95	
12/31/2017	LAIF			Interest		1.14	-	1,734,943.95	
12/31/2017	LAIF			Activity	-			1,734,943.95	
12/1/2017	LAIF	Sewer WWR		Beg. Bal.				36,207.75	
12/31/2017	LAIF			Interest		1.14	-	36,207.75	
12/31/2017	LAIF			Activity	17,956.00			54,163.75	
12/1/2017	CBB-CDARS	CD		Beg. Bal.				600,000.00	
12/31/2017	CBB-CDARS			Interest	25.48	0.05	-	600,000.00	
12/31/2017	CBB-CDARS			Redeem	-			600,000.00	
12/31/2017	CBB-CDARS		2/22/2018	Purchase	-			600,000.00	
12/1/2017	CBB-CDARS	CD		Beg. Bal.				600,000.00	
12/31/2017	CBB-CDARS			Interest	25.49	0.05	-	600,000.00	
12/31/2017	CBB-CDARS			Redeem	-			600,000.00	
12/31/2017	CBB-CDARS		5/31/2018	Purchase	-			600,000.00	
12/1/2017	CBB	Safekeeping		Beg. Bal.				69,415.48	
12/31/2017	CBB			Activity	17.29	0.10	50.97	-	
12/31/2017	CBB			End Bal.				69,483.74	3,058,591.44

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
 FOR PERIOD DECEMBER 1, 2017 THRU DECEMBER 31, 2017
 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>
12/1/2017	LAIF	Water Mainline		Beg. Bal.				571,191.31	
12/31/2017	LAIF			Interest Activity	-	1.14	-	571,191.31	
12/31/2017	LAIF			Activity	-			571,191.31	
12/1/2017	Premier Bank	CD		Beg. Bal.				575,000.00	
12/31/2017	Premier Bank			Activity	-	1.00	-	575,000.00	
12/31/2017	Premier Bank			Redeem	-			575,000.00	
12/31/2017	Premier Bank		4/3/2018	Purchase	-			575,000.00	
12/1/2017	Citizens Bus	CD		Beg. Bal.				225,000.00	
12/31/2017	Citizens Bus			Activity	-	0.25	-	225,000.00	
12/31/2017	Citizens Bus			Redeem	-	n/a		225,000.00	
12/31/2017	Citizens Bus		5/9/2018	Purchase	-			225,000.00	
12/1/2017	CBB-CDARS	CD		Beg. Bal.				500,000.00	
12/31/2017	CBB-CDARS			Activity	-	0.05	-	500,000.00	
12/31/2017	CBB-CDARS			Redeem	-	n/a		500,000.00	
12/31/2017	CBB-CDARS		1/25/2018	Purchase	-			500,000.00	
12/1/2017	CBB-CDARS	CD		Beg. Bal.				630,000.00	
12/31/2017	CBB-CDARS			Activity	-	0.05	-	630,000.00	
12/31/2017	CBB-CDARS			Redeem	-	n/a		630,000.00	
12/31/2017	CBB-CDARS		1/25/2018	Purchase	-			630,000.00	

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
 FOR PERIOD DECEMBER 1, 2017 THRU DECEMBER 31, 2017
 CASH BASIS

12/1/2017	Premier Bank	Safekeeping	Beg. Bal.		43,803.45
	Premier Bank		Activity	1.00	46,741.03
12/31/2017	Premier Bank		End Bal.	2,937.58	46,741.03
12/1/2017	CBB	Safekeeping	Beg. Bal.		17,806.12
	CBB		Activity	0.10	
12/31/2017	CBB		End Bal.	4.40	17,810.52
					2,565,742.86

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
 FOR PERIOD DECEMBER 1, 2017 THRU DECEMBER 31, 2017
 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>
12/1/2017	Premier Bank	Checking-Gen.		Beg. Bal.				410,362.83	
	Premier Bank			Deposits	1,498,043.36	0.00	-	1,908,406.19	
12/31/2017	Premier Bank			Disbursements	(1,680,420.44)			227,985.75	
12/1/2017	Premier Bank	Checking		Beg. Bal.				12,233.79	
	Premier Bank	Property Tax		Deposits	896,612.96	0.00	-	908,846.75	
12/31/2017	Premier Bank			Disbursements	(9,000.00)			899,846.75	
12/1/2017	Premier Bank	Checking-Sewer		Beg. Bal.				8,294.30	
	Premier Bank			Deposits	222,241.19	0.00	-	230,535.49	
12/31/2017	Premier Bank			Disbursements	(224,830.82)			5,704.67	
12/1/2017	Premier Bank	Checking-Water		Beg. Bal.				710,845.14	
	Premier Bank			Deposits	1,117,272.17	0.00	-	1,828,117.31	
12/31/2017	Premier Bank			Disbursements	(1,267,686.45)			560,430.86	

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
 FOR PERIOD DECEMBER 1, 2017 THRU DECEMBER 31, 2017
 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>
12/1/2017	Premier Bank	CD		Beg. Bal.				255,000.00	
	Premier Bank			Activity	-	1.00	-	255,000.00	
	Premier Bank			Redeem	-			255,000.00	
12/31/2017	Premier Bank	CD	7/3/2018	Purchase	-			255,000.00	
12/1/2017	Premier Bank	Operations		Beg. Bal.				19,175.27	
	Premier Bank	Safekeeping		Deposits	-	0.00	224.35	19,399.62	
12/31/2017	Premier Bank			Disbursements				19,399.62	
12/1/2017	LAIF	Gen. Fund-Prop Tax		Beg. Bal.				2,475,759.44	
	LAIF	Qtrly. Interest		Deposits	-	1.14	-	2,475,759.44	
12/31/2017	LAIF			Disbursements	(670,000.00)			1,805,759.44	
12/1/2017	LAIF	Water Op.		Beg. Bal.				1,295,055.82	
	LAIF	Qtrly. Interest		Deposits	183,000.00	1.14	-	1,478,055.82	
12/31/2017	LAIF			Disbursements	(15,676.18)			1,462,379.64	
12/1/2017	LAIF	Sewer Op.		Beg. Bal.				88,398.75	
	LAIF	Qtrly. Interest		Deposits	85,000.00	1.14	-	173,398.75	
12/31/2017	LAIF			Disbursements	-			173,398.75	5,409,905.48

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
 FOR PERIOD DECEMBER 1, 2017 THRU DECEMBER 31, 2017
 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>
12/1/2017	LAIF	Water Op. Reserve		Beg. Bal				3,928,146.78	
	LAIF	Qtrly. Interest		Deposits	97,122.68	1.14	-	4,025,269.46	
12/31/2017	LAIF			Disbursements	-			4,025,269.46	
12/1/2017	LAIF	W.R.		Beg. Bal				677,442.23	
	LAIF	Qtrly. Interest		Deposits	15,000.00	1.14	-	692,442.23	
12/31/2017	LAIF			Disbursements	-			692,442.23	
12/1/2017	LAIF	COP-Payback		Beg. Bal				2,353,463.46	
	LAIF	Qtrly. Interest		Deposits	92,000.00	1.14	-	2,445,463.46	
12/31/2017	LAIF			Disbursements	-			2,445,463.46	
12/1/2017	LAIF	Field/Admin Bldg.		Beg. Bal				315,058.71	
	LAIF	Qtrly Interest		Deposits	15,553.50	1.14	-	330,612.21	
12/31/2017	LAIF			Disbursements	-			330,612.21	
12/1/2017	LAIF	Wastewater Reserve		Beg. Bal				1,294,655.46	
	LAIF	Qtrly. Interest		Deposits	-	1.14	-	1,294,655.46	
12/31/2017	LAIF			Disbursements	(17,956.00)			1,276,699.46	8,770,486.82

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
 FOR PERIOD DECEMBER 1, 2017 THRU DECEMBER 31, 2017
 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>
12/1/2017	U.S. Bank	COP's Refunding-Series 1998 Install Sale	-	-	-	0.17	-	738,444.94	
12/31/2017		Reserve-LAIF	732,251.52			0.78		738,444.94	
12/1/2017	Premier Bank	Fiscal Agent-SRL MN Plant		Beg. Bal		0.20	0.00	2,527.84	
12/31/2017				Deposits	-			2,527.84	
				Disbursements	-			2,527.84	740,972.78

TOTAL CASH FUNDS

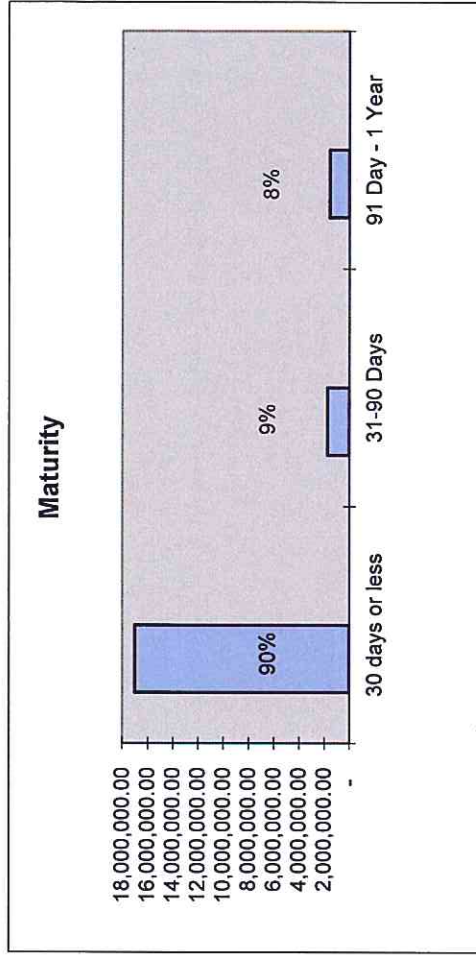
21,863,639.29

RCSD PORTFOLIO HOLDINGS REPORT
DECEMBER 31, 2017

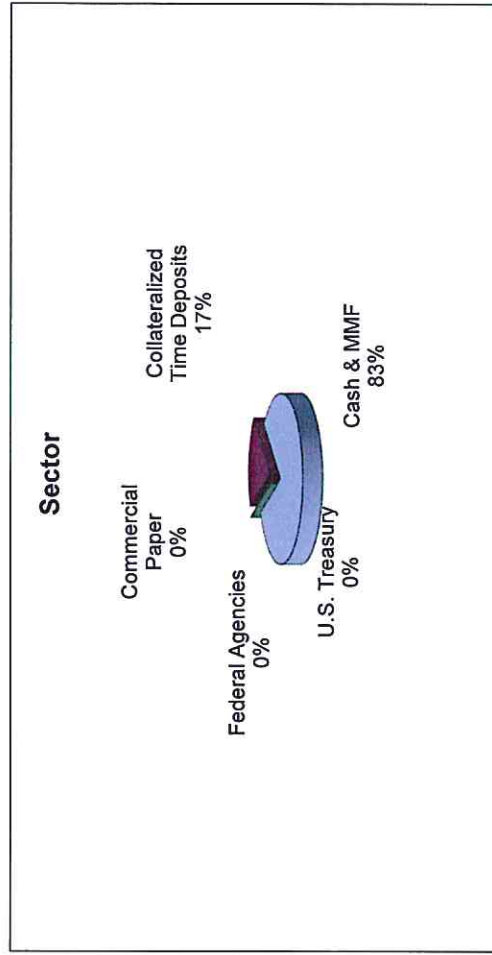
<u>Par \$</u>	<u>Issuer</u>	<u>Maturity</u>	<u>Acquisition Cost</u>	<u>Current Market</u>	<u>Gain/Loss</u>	<u>Yld Mat</u>
AGENCY						
	Subtotals		-	-	-	
U.S. TREASURIES						
COMMERCIAL PAPER						
	Subtotals		-	-	-	
COLLATERALIZED TIME DEPOSITS						
170,000.00	Premier	4/3/2018	170,000.20	170,000.20		0.60
500,000.00	Citizens CDARS	1/25/2018	500,000.00	500,000.00		0.05
630,000.00	Citizens CDARS	1/25/2018	630,000.00	630,000.00		0.05
575,000.00	Premier	4/3/2018	575,000.00	575,000.00		0.60
255,000.00	Premier	7/3/2018	255,000.00	255,000.00		0.60
600,000.00	Citizens CDARS	2/22/2018	600,000.00	600,000.00		0.05
600,000.00	Citizens CDARS	5/31/2018	600,000.00	600,000.00		0.05
225,000.00	Citizens Business Bank	5/9/2018	225,000.00	225,000.00		0.25
	Subtotals		3,555,000.20	3,555,000.20	-	
CASH EQUIVALENT & MONEY MARKET						
15,697,634.35	LAIF		15,697,634.35	15,697,634.35		0.88
908,682.25	CHECK-PPBI-Fire- Prop tax		908,682.25	908,682.25		-
167,225.50	SAFEKEEPING		167,225.50	167,225.50		-
	Subtotals		16,773,542.10	16,773,542.10	-	
GRAND TOTALS			<u>20,328,542.30</u>	<u>20,328,542.30</u>	-	

RCS Investment Portfolio
December 31, 2017

<u>Maturity</u>	<u>Assets</u>
30 days or less	17,028,542.10
31-90 Days	1,730,000.00
91 Day - 1 Year	1,570,000.20
Total	20,328,542.30



<u>Sector</u>	<u>Assets</u>
Cash & MMF	16,773,542.10
U.S. Treasury	-
Federal Agencies	-
Commercial Paper	-
Collateralized Time Deposits	3,555,000.20
Total	20,328,542.30



10. CONSIDERATION TO AUTHORIZE ENGINEERING DESIGN
SERVICES AS PROPOSED BY KRIEGER AND STEWART
ENGINEERS, INC. FOR DEVELOPMENT OF NEW
CRESTMORE WELL: **DM 2018-02**

Rubidoux Community Services District

Board of Directors

Christopher Barajas
Armando Muniz
Bernard Murphy
F. Forest Trowbridge
Hank Trueba Jr.

Secretary-Manager

David D. Lopez



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

DIRECTORS MEMORANDUM 2018-02

January 18, 2018

To: Rubidoux Community Services District
 Board of Directors

Subject: Consideration to Approve Krieger & Stewart's Engineering Services Proposal for the Rubidoux Community Services District new Crestmore Well #1

BACKGROUND

Attached for the Board's consideration is a proposal from Krieger & Stewart to provide engineering services for the drilling of a new Well for the District (exhibit "A"). The new Crestmore Well #1 will be drilled at the existing LaVerne Manhke Manganese removal facility on the corner of 34th Street and Crestmore Road (exhibit "B"). The existing Wells in the vicinity have proven to be good producers (low nitrates and excellent flow - 1,500 gpm) but have tended to have elevated levels of Manganese, which is not identified as a health hazard, but has a discoloration effect of the water. It's the expectation that this proposed Well will provide the District with more flexibility of operations. Finally, the development of this proposed Well is consistent with the adopted Master Plan.

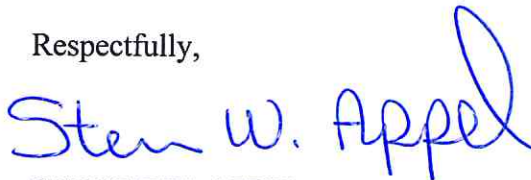
Krieger & Stewart's proposal includes the preparation of the contract documents (specifications), bidding phase support, construction engineering support, and design of the pumping unit. At this time, Staff is recommending that the Board approve the preliminary work as well as the preparation of the contract documents (Items 1a-1c and 2a in the proposal). These items total \$27,139.00. If authorized, Krieger & Stewart will begin immediately, and would expect to have the specifications complete within three weeks. The drilling of this Well was included in the current Water Capital Improvement Fund (exhibit "C") with a budgeted amount of \$350,000.00. Further, the current Water Capital Improvement Fund has a balance of \$2,701,700.00 as of January 18, 2018.

Once Krieger & Stewart has completed the specifications, Staff would come back for Board authorization to advertise the project for construction bids.

RECOMMENDATION

Pursuant to the Board of Directors, Staff is recommending that Krieger & Stewart be authorized to provide engineering services for the construction of the District's new Crestmore Well #1, in accordance with their December 20, 2017 proposal (Items 1a-1c and 2a). The total authorized amount shall not exceed \$27,139.00 without District approval.

Respectfully,



STEVEN W. APPEL, PE
Assistant General Manager/
District Engineer

Exhibits: "A" - Krieger & Stewart Engineering Services Proposal (Dec 20, 2017)
 "B" - Location Map
 "C" - Water Capital Improvement Fund Excerpt



December 20, 2017

000-161.33A

Steven W. Appel, Assistant General Manager/District Engineer
Rubidoux Community Services District
3590 Rubidoux Boulevard
Jurupa Valley, CA 92509



Subject: Engineering Services Proposal for
New Crestmore Well Drilling and Equipment

Dear Mr. Appel:

We appreciate the opportunity to submit our proposal to provide engineering services to Rubidoux Community Water District (District) for subject project. Our proposal consists of Project Understanding, Essential Considerations, Scope of Services, and Fee Estimate described as follows:

A. PROJECT UNDERSTANDING

We understand that the District intends to construct a new domestic water supply well and pumping plant with a target design flow of approximately 1,500 gpm on the site of the District's existing LaVerne J. Mahnke Manganese Removal Facility located at the intersection of Crestmore Road and 34th Street in Rancho Jurupa, California.

The project as considered in this proposal does not include the well pumping plant, discharge piping, or site work. We understand that the well will be approximately 170 feet deep, and will be constructed with 16" diameter stainless steel well casing and screen. We further understand that the ultimate depth and screened (perforated) interval of the well will be determined after the pilot bore formation samples have been collected and analyzed, and geophysical logs have been interpreted, by Krieger & Stewart and reviewed with District staff.

We understand that the purpose of the project is to construct a new well that will (1) serve as a replacement for District Well 17, now out of service; and (2) enhance the District's water system reliability and water quality with maximum protection from ground water contaminants, and without detrimental impacts on the operation of the existing system.

We understand that well development and test pumping water will be discharged to the undeveloped property located to the north of the Well Nos. 17/18 site, with temporary piping to be provided by the District.

Engineering services required by the District for construction of one new domestic production well consist of a well siting evaluation (including a submittal to the State Water Resources Control Board, Division of Drinking Water) preparation of environmental (CEQA) documents, preparation of Contract Documents for construction of one new well, consulting engineering services during the bidding process, and construction engineering services (submittals review, construction inspection, formation analysis, well design, contract administration, and field testing) during construction of the well.



Steven W. Appel
December 20, 2017
Page 2

Since the new Crestmore Well will be a replacement for the existing District Well 17, located nearby (across 34th Street), and part of the same well field, the District considers the project exempt from CEQA under a Class 2 Categorical Exemption per Section 15302 of the CEQA Guidelines. The Class 2 exemption pertains to the replacement or reconstruction of existing facilities where the new facilities will be located on the same site as the facilities replaced, and will have substantially the same purpose and capacity as the as the facilities replaced. We do not anticipate that a Mitigated Negative Declaration or Environmental Impact Report will be required.

Based upon our experience in the siting, design, construction, and operation of well and well pumping plants, we have compiled the following list of the services necessary for constructing an efficient, productive well:

➤ **Comprehensive Formation Evaluation and Well Design**

In order to specify the optimum well design, the geological formation underlying the well site must be thoroughly evaluated in the field as well as in the laboratory. We secure and log formation samples (commonly called "cuttings") from every ten feet of depth and every change in formation (e.g. changes from clay to gravel) in order to accurately assess the water bearing strata; geophysical logs are secured following completion of the bore hole to assist in this assessment and are often instrumental in identifying problems undetected during drilling. We use the formation analyses and geophysical logs to determine the zones to be equipped with perforated well casing.

Once we have identified the perforated intervals, we perform sieve analysis of the formation adjacent to the perforated areas. The sieve analyses provide details regarding the size and distribution of underground clays, sands, and gravels. We use the sieve analyses to specify gravel pack, screen type, and size of opening, thereby reducing the likelihood of constructing a sand producing well (commonly referred to as a "sander").

➤ **Thorough Materials Review and Construction Observation**

Once we have specified gravel pack gradation and well screen location, type, and size, we carefully review materials submittals received from the contractor to ensure that they meet specified requirements. Once the approved materials are delivered to the well site, we perform physical inspections (e.g. gradation analysis of the gravel pack) to ensure conformance with approved submittals.

Thereafter, we witness the entire installation of the well screen, casing, and gravel pack, which is typically performed in a continuous operation until the well is complete. Full time inspection is required to ensure that the contractor utilizes appropriate methods to construct the well in accordance with the design. Of particular importance are ensuring that centering guides are used to prevent the casing from abutting the reamed bore hole,



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verifying that the screened intervals are set at specified depths, and confirming that the gravel pack is uniformly installed throughout the depth of the well.

➤ **Systematic Well Development and Testing**

Once the well is constructed, we require the contractor to perform mechanical and pumping development with equipment and techniques specified in the Contract Documents. Proper well development aggressively cleanses the gravel pack and adjacent formation and is a fundamental component in optimizing well yield and efficiency, and in eliminating sand production (improperly developed wells do not realize full production capacity and often result in chronic and costly sand production problems).

Following well development, we specify that the contractor furnish and operate a test pump under specific flow scenarios. Results of the testing are used in conjunction with system characteristics to specify optimum performance characteristics for the well's pumping unit.

B. ESSENTIAL CONSIDERATIONS

Krieger & Stewart emphasizes the following essential considerations regarding water well projects:

1. Well Design

In order to achieve the optimum well design, the geological formation underlying the well site must be thoroughly evaluated as follows:

- Secure and log formation samples during drilling of the pilot bore from every ten feet of depth and at every change in formation, to accurately assess the water bearing strata.
- Obtain geophysical logs following completion of the bore hole to confirm observations from formation samples and to identify (potential) problems not discovered during drilling operations.
- Perform sieve analysis of the formation samples adjacent to the well screen in order to specify the gravel pack, screen type, and size of screen openings to reduce/eliminate likelihood of a sand producing well (commonly referred to as a "sander").
- Collectively evaluate formation samples, geophysical logs, and sieve analysis to determine zones to be equipped with perforated casing.



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2. Well Construction

Once the gravel pack gradation and well screen location, type, and size are specified, contract administration and inspection must emphasize the following:

- Review, verify, and approve materials delivered to the site to ensure they meet the specified requirements.
- Provide full-time inspection during installation of well screen, casing, and gravel pack to confirm the casing and well screen are centered in the bore hole, screened intervals are set at specified depths, and that the gravel pack is uniformly installed throughout the depth of the well.

Once the well is constructed, it is important to perform the following:

- Mechanical and pumping development to optimize well yield and efficiency and eliminate sand production (improperly developed wells do not realize full production capacity and also often result in chronic and costly sand production problems).
- Test pumping under specific flow scenarios to assist in specifying optimum performance characteristics for the well's pumping unit.

Based upon conferences with District representatives, field reviews of the District's existing system, and our experience in the siting, design, construction, and operation of the District's well pumping plants and water storage and distribution system, we have compiled the following preliminary list of essential site-specific considerations related to the major components of the proposed project:

- Specific Well Location on District-Selected Parcel
 - Consider site configuration, proximity to property boundaries, potential historic uses (e.g. known contaminant plumes, contaminants spilling on to ground surface, and nearby animal containment facilities), and subsurface facilities (pipelines, storm drains, sewers, sewer manholes, and sewer laterals) that could impact water quality or approval by the State Water Resources Control Board, Division of Drinking Water (DDW).
 - Evaluate geology, thickness of aquifer, thickness and extent of clay layers, faulting, geophysical logs, and water quality records as recorded for other wells in proximity to avoid (to greatest extent possible) problematic subsurface formations that could reduce well yield or water quality.



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- Identify preliminary design recommendations (location, depth, diameter, etc.) in the well siting evaluation and submit to District Staff and DDW for review and approval prior to completion of Contract Documents.
- Well Design
 - Locate well screen within high yield in high quality aquifer zones as identified during pilot bore and geophysical logging.
 - Specify stainless steel well casing and screen to provide optimum corrosion protection.
 - Specify installation of multiple sounding/sampling tubes to enable the District to install permanent water level measuring equipment (for SCADA system's monitoring functions) while allowing manual sounding equipment to be used.

C. SCOPE OF SERVICES

Krieger & Stewart will provide the services outlined below to complete all necessary engineering related to identifying the optimum well location within the District-selected parcel and designing and constructing the well and pumping plant.

We believe in frequent communication with clients while providing engineering services. As such, the Krieger & Stewart staff members who will be responsible for each component of the project will be available throughout the course of the project, will attend scheduled meetings at the District, and will confer with District staff at least weekly to keep them apprised of project progress. Our engineering tasks will be set forth in a logical and systematic manner to allow completion of each segment prior to commencement of the next segment, thus allowing engineering services to proceed efficiently with minimal redesign or redrafting.

We have organized our scope of services as follows:

1. Preliminary Services
2. Well Design and Construction Engineering Services

Specific engineering services proposed for the above tasks are discussed in detail in the following subsections.

1. Preliminary Services

Our preliminary services will be focused on identifying the specific well locations on the District-selected parcel that will provide the District with an optional orientation of the well for operations and maintenance concerns. Our evaluation and recommendations will



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be transmitted for review and approval by District staff and DDW. We propose to organize our preliminary services into the following components:

a. Initial Meeting with District Staff

We will meet with District staff to discuss the proposed project prior to commencing our services and to obtain all pertinent information that the District may have available (that Krieger & Stewart does not already have), specifically including current operational records and pumping data for nearby wells, records regarding system pressures, consumption, and distribution as necessary to perform hydraulic analyses, and records indicating current and historic pumping water levels and water quality. We will also review our schedule, approach to evaluating project alternatives, and approach to preparing the Contract Documents in detail during this meeting.

b. Well Siting, including Preliminary Design Submittal to DDW

We will consider alternative site layouts to provide the District with optional well site orientation. The evaluation will include specific well construction recommendations, such as well design (e.g. well depth, casing and screen types and dimensions, gravel pack type), pumping plant design (e.g. pumping unit design, motor horsepower), distance between the well, and related considerations. Please note that all of these recommendations will be preliminary, and will have to be confirmed before any facilities are constructed.

Prior to construction of the new well, DDW requires submittal of a well siting and preliminary design submittal including the proposed well depth and diameter, screened intervals, sanitary seal, and other major design features. We will prepare said submittal for the proposed well site, taking into consideration specific site constraints and District's operation and maintenance requirements. The submittal must include a plat map showing the location of the proposed well and the distance from potential sources of contamination, such as sewer laterals, sewer manholes, septic tanks, leach lines, storm sewers, drainage ditches, pastures, animal and fowl enclosures, structures, 100-year flood zones, etc.

We will prepare and submit the well siting and preliminary design submittal to the District for review and approval and subsequently provide said submittal to DDW and will, if necessary, meet with DDW representatives onsite to review the proposed design.

c. Environmental Documents

It is our understanding that the CEQA process can be satisfied by filing of a Notice of Exemption. We will prepare the Notice of Exemption for filing by the District.



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2. Well Design and Construction Engineering Services

a. Contract Documents Preparation

The Contract Documents for the well will consist of bid sheets, basic specifications, detailed technical specifications, standard drawings, specific project requirements, and available record information (well logs) 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 stainless steel 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; 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, substitution of wire-wrap stainless steel screen for stainless steel "Superflo" louvered casing, 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; site access limitations; requirements to preserve fire department access to emergency vehicle driveway; disposal of development and test pumping



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water; noise control requirements; requirements for stormwater runoff diversion; and well logs for nearby water wells (together with a map of their locations) to assist bidders in evaluating likely formations to be encountered.

▫ **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 three sets of the Contract Documents to District staff and DDW for a formal review at the 90% completion stage, after which we will schedule a review meeting (if necessary). After the 90% review meeting, we will revise the documents as necessary and provide 30 sets of the final documents, accompanied by an engineer's cost estimate for the well's construction.

b. **Bidding Phase Support**

We will make copies of the Contract Documents available to Contractors and send the Notice Inviting Bids to local publications for legal advertising. During the bidding period, we will:

- Provide technical support to the District related to project design and we will prepare written responses to all of the bidder's questions and submit said responses to the District for review.
- Attend the pre-bid meeting with District representatives.
- Prepare addenda to the Contract Documents as necessary.
- Prepare a tabulation of bid results and recommendation of award within three (3) days after the bid opening.
- Prepare a conformed set of Contract Documents, including one (1) complete hard copy set and one (1) electronic copy (in PDF format).

c. **Well Construction Engineering and Screen/Gravel Pack Design**

Our services during construction will consist of: conducting the preconstruction meeting; providing construction inspection; preparing well casing (blank and screen) and gravel pack design; and reviewing and approving the contractor's materials submittals (well casing, well screen, and gravel pack), and providing all



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contract administration (e.g. partial payment requests and correspondence with the contractor).

The primary components of our proposed well design and construction engineering services are as follows:

- 1) Preconstruction Conference
- 2) Contract Administration
- 3) Conductor Casing and Sanitary Seal Construction
- 4) Pilot Bore Construction / Formation Sampling
- 5) Geophysical Logs and Formation Analysis
- 6) Well Design and Materials Specifications/Submittals Review
- 7) Well Construction Observation
- 8) Mechanical Well Development
- 9) Pumping/Surging Well Development
- 10) Test Pumping
- 11) Site Cleanup/Well Disinfection and Video/Alignment/Plumbness Surveys
- 12) Pumping Unit Selection

Engineering services provided during each of these components are discussed in the following paragraphs:

Task 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.



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Task 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 telephone 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.



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Task 3 - Conductor Casing and Sanitary Seal Construction

The Contractor will install the conductor casing and sanitary seal to meet local and California State Water Resources Control Board Division of Drinking Water (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 4 - Pilot Bore Construction / Formation Sampling

Once the Contractor starts drilling the pilot bore, he will be required to 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 hydrologic technician will collect formation samples at ten-foot intervals and at changes in the formation. We will analyze the formation samples in the field for appearance and composition. In addition, our hydrologic technician 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.

Task 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 dried and subjected to a 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 6 - Well Design and Materials Specifications/ 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



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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 7 - Well Construction Observation

We will not provide inspection services during the reaming of the pilot bore to the specified diameter; however, 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 8 - Mechanical Well Development

Well development by surging usually requires about 24 hours. We will provide periodic 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.



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Task 9 - Pumping/Surging Well Development

Once development by surging is completed, the Contractor will install a test pump and will develop the well by pumping and surging, which usually requires about 24 hours. We will provide periodic observation 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 regularly measures 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 measurements to determine when pumping development is complete.

Task 10 - Test Pumping

Following development, the Contractor will perform a step-drawdown test for a minimum of 8 hours and will then perform a constant rate aquifer test for a minimum of 24 hours. 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 unit selection, and to approximate aquifer behavior during operation of the well.

Task 11 - Site Cleanup/Well Disinfection and Video/Alignment/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 the 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/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.



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Task 12 –Pumping Unit Selection

We will perform a system hydraulic analysis for the new well and the existing potable water system. We will utilize the system hydraulic analysis data, anticipated well capacity and pumping water levels (provided by the results of Task 11) and hydraulic analysis of anticipated well site piping (performed by Krieger & Stewart) to select the preliminary pumping unit and determine the required horsepower rating.

We will evaluate the existing Well 17 well pumping plant equipment for suitability for installation at the new well site.

D. FEE ESTIMATE

Our fee for providing the engineering services described herein is \$104,000. Our fee estimate is itemized on **Table 1**, attached, and is based on the above scope of services. We will bill the District for services provided in accordance with our 2018 Fee Schedule, also attached. We are available to commence engineering services immediately.

Again, we appreciate the opportunity to submit our proposal for providing subject services, and we are available to discuss our proposal with you at your convenience. If you have any questions or require additional information, please call.

Sincerely,

KRIEGER & STEWART

A handwritten signature in black ink that reads 'Charles A. Krieger'.

Charles A. Krieger

DFS/lge
000-161P33-PRO

Enclosures: Table 1 – Estimated Fee for Engineering Services
2018 Fee Schedule

TABLE I
RUBIDOUX COMMUNITY SERVICES DISTRICT
NEW CRESTMORE WELL DRILLING AND EQUIPMENT
ESTIMATED FEES FOR ENGINEERING SERVICES

TASK	PRINCIPAL IN CHARGE / PROJECT MANAGER (1)		PROJECT ENGINEER (2)		STAFF ENGINEER (3)		CADD SERVICES (4)		CONSTRUCTION INSPECTOR STD. TIME (5)		CONSTRUCTION INSPECTOR OVERTIME (6)		HYDROLOGIC TECHNICIAN (7)		CLERICAL (8)		TASK SUBTOTAL	
	HOURS	\$	HOURS	\$	HOURS	\$	HOURS	\$	HOURS	\$	HOURS	\$	HOURS	\$	HOURS	\$	HOURS	\$
1. PRELIMINARY SERVICES																		
a. INITIAL MEETING WITH DISTRICT STAFF	2	450	2	424														974
b. WELL SITING, INCLUDING PRELIMINARY DESIGN SUBMITTAL TO DDW	4	900	8	1,896	8	1,304	2	288										5,388
c. ENVIRONMENTAL DOCUMENTS	1	225	2	424	8	1,304	4	572										2,625
2. WELL DESIGN AND CONSTRUCTION ENGINEERING SERVICES																		
a. CONTRACT DOCUMENTS PREPARATION	8	1,800	32	6,784	24	3,912	6	658										18,154
b. BIDDING PHASE SUPPORT	4	900	16	3,392	16	2,608												8,500
c. WELL CONSTRUCTION ENGINEERING AND SCREEN / GRAVEL PACK DESIGN																		8,985
1) PRECONSTRUCTION CONFERENCE			6	1,272														1,753
2) CONTRACT ADMINISTRATION	4	900	40	8,480														10,980
3) CONDUCTOR CASING AND SANITARY SEAL CONSTRUCTION			1	212			6	750										962
4) PILOT BORE CONSTRUCTION / FORMATION SAMPLING			4	848														3,098
5) GEOPHYSICAL LOGS AND FORMATION ANALYSIS	6	1,350	12	2,544	16	2,608	8	1,144										9,077
6) WELL DESIGN AND MATERIALS SPECIFICATIONS / SUBMITTALS REVIEW	6	1,350	24	5,088	16	2,608	4	572										10,818
7) WELL CONSTRUCTION OBSERVATION - REAM PILOT BORE																		2,000
- INSTALL CASING AND GRAVEL PACK	2	450	1	212														2,262
8) MECHANICAL WELL DEVELOPMENT	1	225	4	848														4,073
9) PUMPING/SURGING WELL DEVELOPMENT	2	450	4	848														5,798
10) TEST PUMPING	1	225	4	848														5,073
11) SITE CLEANUP / WELL DISINFECTION AND VIDEO / ALIGNMENT / PLUMBNESS SURVEYS	1	225	4	848														3,073
12) PUMPING UNIT SELECTION	4	900	12	2,544	16	2,608												6,252
SUBTOTAL: 46 10,350 176 37,312 104 16,952 24 3,432 98 12,250 4 600 77 9,563 104 10,400 \$100,859																		
BILLING RATES PER KRIEGER & STEWART'S 2018 FEE SCHEDULE																		
(1) PRINCIPAL ENGINEER I	⊗ \$225 /HR																	
(2) SENIOR ENGINEER III	⊗ \$212 /HR																	
(3) STAFF ENGINEER III	⊗ \$163 /HR																	
(4) OPERATOR III	⊗ \$143 /HR																	
(5) CONSTRUCTION INSPECTOR	⊗ \$125 /HR																	
(6) CONSTRUCTION INSPECTOR, OVERTIME	⊗ \$150 /HR																	
(7) HYDROLOGIC TECHNICIAN	⊗ \$125 /HR																	
(8) SECRETARY IV	⊗ \$100 /HR																	
REIMBURSABLES @3% OF ENGINEERING SERVICES: \$100,859																		
PROJECT TOTAL: \$103,884																		
PROJECT TOTAL (ROUNDED): \$104,000																		





**FEE SCHEDULE
2018**

CLASSIFICATION	RATES \$/Hr.
Consulting, Design, Construction, Engineering, Environmental, Commissioning, and Surveying Services (Office)	
Consultant	295.00
Principal III	271.00
Principal II	249.00
Principal I	225.00
Senior III	212.00
Senior II	200.00
Senior I	186.00
Associate III	180.00
Associate II	175.00
Associate I	169.00
Staff III	163.00
Staff II	143.00
Staff I	125.00
Technician III	107.00
Technician II	102.00
Technician I	97.00
Forensic Services	
Principal Expert:	
Testimony, Deposition, and Trial	400.00
Investigation and Preparation	300.00
Associate Expert:	
Testimony, Deposition, and Trial	350.00
Investigation and Preparation	250.00
Computer Aided Design Services	
Operator III	143.00
Operator II	137.00
Operator I	128.00
Surveying Services (Field)	
2 Man Crew with Standard Equipment and Survey Truck	288.00
1 Man Crew with Standard Equipment and Survey Truck	221.00
3rd Man on Crew	132.00
Construction Services (Field)	
Engineer	180.00
Inspector	
Regular Time	125.00
Overtime	
Weekdays (8 hours to 12 hours)	150.00
Weekdays (More than 12 hours)	181.00
Saturday (12 hours or less)	150.00
Saturday (More than 12 hours)	181.00
Sunday and Holiday (Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day and the Day After, Christmas Day)	181.00



**FEE SCHEDULE
2018
(continued)**

CLASSIFICATION	RATES \$/Hr.
Support Services	
Secretary IV	100.00
Secretary III	96.00
Secretary II	85.00
Secretary I	77.00
Utility Clerk II	71.00
Utility Clerk I	70.00
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.

2018-FEES (11/9/2017)

EXHIBIT "B"



EXHIBIT C
Rubidoux Community Services District

WATER CAPITAL IMPROVEMENT PROJECTS SUMMARY							
		Actual	Year to Date	Budget	Projected	Proposed	Proposed
Line	Income/Revenue	Revenue	Actual	Fiscal Year	Actual	Revenue	Revenue
#	General Ledger Description	FY 15/16	FY 16/17	FY 16/17	FY 16/17	FY 17/18	FY 18/19
1	DEVELOPER FEES	\$ 270,300	\$ -	\$ 350,000	\$ 407,500	\$ 325,000	\$ 375,000
2	Total Income & Revenue Per Budget	\$ 270,300	\$ -	\$ 350,000	\$ 407,500	\$ 325,000	\$ 375,000
	Expense	Actual	Year to Date	Budget	Projected	Proposed	Proposed
	Expenses	Expenses	Actual	Fiscal Year	Actual	Expenses	Expenses
#	General Ledger Description	FY 15/16	FY 16/17	FY 16/17	FY 16/17	FY 17/18	FY 18/19
3	WATER MAINLINE/CIP PROJECTS:	\$ 769,204					
4	MISSION LAND PURCHASE	-	\$ 259,836		\$ 259,840	\$ -	\$ -
5	MIOX SYSTEM - NO3 PLANT	-	25,601	375,000	38,402	560,000	-
6	GOLDENWEST BOOSTER						
7	(Improvements)	-	-	250,000	-	250,000	-
8	WELL 2 BLENDING BOOSTER	-	-	250,000	-	250,000	-
9	NEW WELL @ 34th & CRESTMORE	-	-	-	NEW	350,000	-
10	FENCE - MISSION PROPERTY	-	-	-	NEW	20,000	-
11	CASH TO (FROM) RESERVES	(498,904)	-	(525,000)	109,259	(1,105,000)	375,000
12	Total Expenditures Per Budget	\$ 270,300	\$ 285,437	\$ 350,000	\$ 407,500	\$ 325,000	\$ 375,000

11. DIRECTORS COMMENTS – NON-ACTION

12. ADJOURNMENT