

Rubidoux Community Services District

Board of Directors

John Skerbelis
Hank Trueba Jr.
Bernard Murphy
Armando Muniz
F. Forest Trowbridge

General Manager

Jeffrey D. Sims



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

NOTICE AND AGENDA FOR THE RUBIDOUX COMMUNITY SERVICES DISTRICT BOARD MEETING

Thursday, February 18, 2021 at 4:00 PM

Pursuant to Paragraph 3 of Executive Order N-29-20, executed by the Governor of California on March 17, 2020 as a response to mitigating the spread of corona virus known as COVID-19:

During this regular meeting of the Rubidoux Community Services District Board of Directors, members of the public will not be allowed to attend and address the Board in person.

Members of the public wanting to listen to the meeting or address the Board may do so by:

- Using the Zoom App or website for free at: <https://zoom.us/>
 - o Once installed ahead of the meeting, you may choose your audio source as either computer speakers/microphone or telephone.
 - o If you wish to make public comments via the Zoom platform, the Board Secretary will identify you at your time to speak.
 - o Meeting ID is **433-532-2766**.

- Calling into the meeting at any one of the following numbers:

+1 669 900 9128
+1 346 248 7799
+1 301 715 8592
+1 312 626 6799
+1 646 558 8656
+1 253 215 8782

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

1. Call to Order – John Skerbelis, President
2. Pledge of Allegiance
3. Roll Call
4. Approval of Minutes for the February 4, 2021 Regular Meeting
5. Consideration to Approve February 19, 2021, Salaries, Expenses and Transfers
6. Acknowledgements – This is the time for Members of the Public to address the Board on Any Non-agenda Matter.
7. Correspondence and Related Information - NONE
8. Manager's Report (Second Meeting each Month):
 - a) Operations Report
 - b) Emergency and Incident Report

ACTION ITEMS:

9. Consider CSDA Board of Directors Call for Nominations: **DM 2021-08**
10. Receive and File Statement of Cash Asset Schedule Report Ending January 2021:
DM 2021-09
11. Consider Award of Contract to Construct Foundation and Place Vessels for Well No. 6 GAC Treatment: **DM 2021-10**
12. Directors Comments - Non-action
13. 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 FEBRUARY 4, 2021, REGULAR MEETING

**MINUTES OF REGULAR MEETING
February 4, 2021
RUBIDOUX COMMUNITY SERVICES DISTRICT**

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

DIRECTORS ABSENT:

STAFF PRESENT: Jeffrey Sims, General Manager
Ted Beckwith, Director of Engineering
Brian Laddusaw, Director of Finance
Brian Jennings, Manager Budgeting and Accounting
Miguel Valdez, Manager M & O
L. Bugbee, System Operator III

Call to order: the meeting of the Board of Directors of the Rubidoux Community Services District by President Skerbelis, at 4:00 P.M., Thursday, February 4, 2020, by teleconferencing at District Office, 3590 Rubidoux Boulevard, Jurupa Valley, California.

ITEM 4. APPROVAL OF MINUTES

Approval of Minutes for January 21, 2021, Board Meeting.

Director Trueba moved, and Director Trowbridge seconded to approve the January 21, 2021 Regular Board Minutes.

Roll call:

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

Noes – 0

Abstain – 0

Away – 0

The motion was carried unanimously.

ITEM 5. Consideration to Approve the February 5, 2021 Salaries, Expenses and Transfers.

Consideration to Approve the February 5, 2021 Salaries, Expenses and Transfers..

Director Muniz moved, and Director Trowbridge seconded to Approve the February 5, 2021 Salaries, Expenses and Transfers

Roll call:

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

Noes – 0

Abstain – 0

Absent – 0

The motion was carried unanimously.

ITEM 6. PUBLIC ACKNOWLEDGE OF NON-AGENDA MATTERS

There were no members of the public at this time.

ITEM 7. CORRESPONDENCE AND RELATED INFORMATION

The first item was a letter of correspondence to the Riverside County's Board of Supervisors regarding the inclusion of past-due water customers in Riverside County's COVID-19 renter relief distribution. This letter dated January 22, 2021 is signed by the general managers of WMWD's eleven (11) retail agencies looking to get help from the Federal Government from the COVID-19 relief to be used towards rental assistance and water utilities. The next piece of information was an article from the California Water News Daily stating that the water-debt is up to \$1 billion statewide.

ITEM 8. MANAGER'S REPORT

Operations Report:

Presented at the second board meeting of the month.

Emergency and Fire Report:

Presented at the second board meeting of the month.

ITEM 9. Consider Approval of Purchase Order with Center Electric for SCADA System Upgrades. DM 2021-07.

BACKGROUND

The District installed its current SCADA several years ago and certain components have become outdated and obsolete. For example, the PLC boards at several sites are not available new from the OEM vendor and must be procured on eBay. This does not represent a reliable source for the District. Additionally, the computer that provides update notifications of alarms runs on an operating system that is outdated causing the SCADA software to lock up and present a "blue screen". In layman terms, the computer freezes and goes into a "Check Disk" mode to check the data disk for errors. While in this mode, District staff is blind on functionality of District systems – tank levels, lift station operation, and if wells and treatment systems are operating.

To correct, the computer must be manually reset, and data is not recorded nor are alarms sent out. The District is a 24 hour, 7 days a week, 365 days a year operation and has critical infrastructure serving the community and customers. It relies on accurate and timely data to operate efficiently and safely. The current SCADA computer runs on Windows XP which is far beyond the End-of-Life date of April 8, 2014. The End-of-Life date is the date Microsoft stopped supporting it. The current SCADA software is also no longer supported. In the last week, the state of this computer and implications on the SCADA system operability came to bear when tank levels were found to be very low over a weekend. The current SCADA is at a point now where it needs to be updated to run on current hardware and software with real-time data reporting and alarms available to staff to run the system. Delay puts the District at risk of operational failure and significant regulatory consequences.

Staff proposes a two-pronged approach to provide new equipment and much needed redundancy in the SCADA system.

Now available are cellular data connected devices that report data to a cloud server. This data is accessible to staff anywhere there is an internet connection, a feature not available when the current SCADA system was installed. This system is a web based "Internet of Things" (IoT) from Samsara and is easy to deploy and can be set up quickly to meet immediate needs. This system is proposed to be utilized at the new Ion Exchange Treatment System being installed at the Leland Thompson WTF starting construction in the next few weeks. The devices in this system use their own cell service which is included in the purchase price and connect to cloud-based web servers to relay data back to District staff allowing the system to be monitored and staff to make quick, data based informed decisions. Thus, the first prong of approach is to add the Samsara devices at four water tanks and three lift stations.

Although this request is to update to this new web-based system, staff believes SCADA redundancy is a necessity in providing clean drinking water and a sanitary sewage disposal system. As such, staff is recommending as the second prong of this approach that the original SCADA system be retained and the current PC running this system upgraded to avoid blue screens (system freezes) from occurring. This will be a short-term fix since this system is old and reaching its end-of-life making replacement necessary in the next year or so. The District's current SCADA system operates by radio on a frequency the District owns and runs independently of other communication systems, such as cellular/cloud-based systems. This redundancy would be helpful in the event of the failure of cellular/cloud-based systems due to natural disaster or other calamity that may occur as the current SCADA relies on both land line and cell service to send out alarms and notifications. Staff is in process of investigating the needs of the SCADA, both functional requirements and in material requirements, and will propose an upgrade and replacement program with the 2021-2022 Fiscal Year Budget. In the event of an emergency, the District has backup generators to run this system from our Administrative Office, and with radio technology communication, is not wholly reliant on cell, or the internet. It is for this reason staff will later be updating this system to be current.

Each Samsara device has its own cell service and contains an internal hard drive for distributed data storage. With ability in the event of cell service being out, when cell services resume the stored data will upload to the web server. Each device has a cost of \$9,000 including installation and programming. There is currently one in use at the Jurupa Hills Lift Station on a trial basis and it is working very well.

This current request is to obtain seven (7) additional Samsara devices, each one to be located at the District's four reservoir (tank) sites (Watson, Atkins, Hunter and Perone) and three additional devices to be located at the remaining lift stations at Belltown, Fleetwood, and Exmoor Lift Stations. This is a cost of \$36,000 for Water and \$27,000 for Sewer for a total of \$63,000.

At the January 21, 2021 Board Meeting staff requested and the Board approved \$200,000 for Electrical Work, including SCADA, as part of the new Ion Exchange Project at the Leland Thompson WTF under DM 2021-04. The proposal from Center Electric to do this work has been fine tuned to be only \$135,000, leaving \$65,000 remaining. It is proposed to re-direct some of this \$65,000 from the Ion Exchange Project to providing new Samsara SCADA devices at all District reservoirs for \$36,000.

At the January 21, 2021 Board Meeting staff requested and the Board approved \$70,000 for the purchase of a Sewer Bypass Pump under DM 2021-05. Staff revisited this and has determined due to the anticipated infrequency of use it would be better to rent a sewer bypass pump on an as needed basis rather than purchase one to sit at our Field Office unused for long periods of time. This previously appropriated money would better serve the District being deployed for upgrading the SCADA for the lift stations. It is proposed here to re-direct this already approved sewer funding from the purchase of a sewer bypass pump to providing new Samsara SCADA devices at the balance of our sewer lift stations for \$27,000.

Director Trowbridge moved, and Director Muniz seconded the Board of Directors approve the General Manager to:

- 1. Reallocate previously approved funding for Electrical Work at the Ion Exchange project in the amount of \$36,000 for SCADA for Water Production.**
- 2. Reallocate previously approved funding for a Sewer Bypass Pump in the amount of \$27,000 for SCADA for Sewage Disposal.**
- 3. Authorize the General Manager to procure seven (7) Samsara SCADA devices, four (4) for Water and three (3) for Sewage Disposal from Center Electric, which price includes installation and programming.**

Roll call:

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

Noes – 0

Abstain – 0

Absent – 0

The motion was carried unanimously.

ITEM 10. Closed Session: Closed Session: REAL PROPERTY NEGOTIATIONS – Discussion concerning price and terms. Negotiator: Jeffrey D. Sims.

5:12 - No Reportable Action.

ITEM 11. Directors Comments

Director Skerbelis adjourned the meeting at 5:21 PM.

5. CONSIDERATION TO:

APPROVE FEBRURAY 19, 2021 SALARIES, EXPENSES AND TRANSFERS

RUBIDOUX COMMUNITY SERVICES DISTRICT
 FEBRUARY 18, 2021 (BOARD MEETING)
FUND TRANSFER AUTHORIZATION

NET PAYROLL 2/19/21	59,843.00
WIRE TRANSFER: FEDERAL PAYROLL TAXES 2/22/21	26,158.00
WIRE TRANSFER: STATE PAYROLL TAXES 2/22/21	5,302.00
WIRE TRANSFER: TO CREDIT UNION	2,563.00
WIRE TRANSFER: PERS RETIREMENT	17,491.00
WIRE TRANSFER: PERS REPLACEMENT BENEFIT	-
WIRE TRANSFER: PERS HEALTH PREMIUMS	-
WIRE TRANSFER: PERS RETIRED HEALTH PREMIUMS AND FEES	-
WIRE TRANSFER: SECTION 125	50.00
WIRE TRANSFER: SECTION 457 AND 401(A)	2,800.00

CHECKING ACCOUNT TRANSFERS FOR ACCOUNTS PAYABLE:

2/19/2021 WATER FUND TO GENERAL FUND-Payables	107,552.56
WATER FUND TO GENERAL FUND-Trash	154,640.63
WATER FUND TO SEWER FUND	108,915.21
SEWER FUND TO GENERAL FUND-Payables	6,868.68

INTERFUND TRANSFERS:

2/19/2021 SEWER FUND CHECKING TO LAIF SEWER OP	100,000.00
GENERAL FUND CHECKING TO LAIF FIRE MITIGATION	-
GENERAL FUND PROP TAX TO GENERAL FUND CHECKING	38,000.00
GENERAL FUND CHECKING TO SEWER FUND CHECKING	-
GENERAL FUND CHECKING TO WATER FUND CHECKING	-
LAIF GENERAL TO GENERAL FUND CHECKING	-
LAIF PROPERTY TAX TO GENERAL FUND CHECKING	100,000.00
WATER FUND CHECKING TO LAIF-COP PAYBACK	62,450.00
WATER FUND CHECKING TO LAIF-W.R.	9,550.00
WATER FUND CHECKING TO GENERAL FUND CHECKING	-
LAIF WATER ML TO LAIF WATER REPLACEMENT	-
LAIF WATER ML TO LAIF WATER OPS	71,682.50
LAIF WATER OP TO WATER FUND CHECKING	-
LAIF WATER RESERVE TO LAIF WATER OP	-
LAIF WATER REPLACE TO LAIF WATER OP	3,040.00
LAIF WATER OP TO LAIF WATER RESERVE	-
LAIF FIELD/ADMIN BLDG TO LAIF WATER OP	-
WATER FUND CHECKING TO LAIF WATER RESERVE	-
WATER FUND CHECKING TO LAIF WATER OP	56,000.00
WATER FUND CHECKING TO LAIF WATER ML	-

NOTES PAYABLE

<u>DESCRIPTION</u>	<u>BALANCE</u>	<u>PAYMENT</u>	<u>DUE DATE</u>
U.S. Bank Trust (1998 COP's Refunding)	2,560,000 Prin.	-	Jun-21
U.S. Bank Trust (1998 COP's Refunding)	334,815 Intr.	65,280	Jun-21
MN Plant-State Revolving Loan	4,132,022 Prin.	128,987	Jan-21
MN Plant-State Revolving Loan	784,623 Intr.	53,111	Jan-21

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Tr. #	Vendor	Inv Date	Paid Out	Immediate	Credit Card Vendor	Due Date	Discount Date	Invoice #
PO Number		Immediate GL Account	GL Account	Check #	CC Reference #		Payment Date	Discount
GL Date				Credit Card				Total Invoice
18	CROWN ACE HARDWARE / CROWN ACE HARDWARE ✓	2/3/2021 ✓	N	N		3/5/2021 ✓	2/3/2021	082132 ✓
CONCRETE								\$0.00
2/18/2021 ✓				N				\$18.80 ✓
19	CROWN ACE HARDWARE / CROWN ACE HARDWARE ✓	2/3/2021 ✓	N	N		3/5/2021 ✓	2/3/2021	082141 ✓
SUPPLIES								\$0.00
2/18/2021 ✓				N				\$67.83 ✓
20	HARRINGTON INDUSTRIAL / HARRINGTON INDUSTRI ✓	1/29/2021 ✓	N	N		2/28/2021 ✓	1/29/2021	012K9268 ✓
PVC PART.								\$0.00
2/18/2021 ✓				N				\$22.38 ✓
21	HAZEN / HAZEN AND SAWYER ✓	10/13/2020 ✓	N	N		11/12/2020 ✓	10/13/2020	0000007 ✓
SEPT '20 PFAS/DSGN								\$0.00
2/18/2021 ✓				N				\$17,943.00 ✓
22	HAZEN / HAZEN AND SAWYER ✓	11/10/2020 ✓	N	N		12/10/2020 ✓	11/10/2020	0000008 ✓
OCT '20 PFAS/DSGN								\$0.00
2/18/2021 ✓				N				\$38,830.50 ✓
23	HAZEN / HAZEN AND SAWYER ✓	12/9/2020 ✓	N	N		1/8/2021 ✓	12/9/2020	0000009 ✓
DEC '20 PFAS/DSGN								\$0.00
2/18/2021 ✓				N				\$8,631.00 ✓
24	HAZEN / HAZEN AND SAWYER ✓	1/11/2021 ✓	N	N		2/10/2021 ✓	1/11/2021	0000010 ✓
JAN '21 PFAS/DSGN								\$0.00
2/18/2021 ✓				N				\$6,278.00 ✓
25	HOUSTON HARRIS / HOUSTON & HARRIS PCS, INC. ✓	1/31/2021 ✓	N	N		3/2/2021 ✓	1/31/2021	21-23355 ✓
HYDRO-WSH								\$0.00
2/18/2021 ✓				N				\$4,563.75 ✓
26	INDUSTRIAL FIRE / INDUSTRIAL FIRE PROTECTION ✓	2/4/2021 ✓	N	N		3/6/2021 ✓	2/4/2021	EE04667 ✓
FIRE EXTNG MAINT								\$0.00
2/18/2021 ✓				N				\$744.27 ✓
27	J THAYER / J THAYER COMPANY, INC ✓	1/27/2021 ✓	N	N		2/26/2021 ✓	1/27/2021	1504281-0 ✓
SUPPLIES								\$0.00
2/18/2021 ✓				N				\$220.46 ✓
28	J THAYER / J THAYER COMPANY, INC ✓	2/1/2021 ✓	N	N		3/3/2021 ✓	2/1/2021	C1504281-0 ✓
CREDIT								\$0.00
2/18/2021 ✓				N				(\$97.19) ✓
29	KH METALS / KH METALS & SUPPLY ✓	1/29/2021 ✓	N	N		2/28/2021 ✓	1/29/2021	0549291-IN ✓
SUPPLIES								\$0.00
2/18/2021 ✓				N				\$27.03 ✓
30	MASTER'S / MASTER'S SERVICES (GLACIER) ✓	2/3/2021 ✓	N	N		3/5/2021 ✓	2/3/2021	0000156396/97 ✓
BTL WTR								\$0.00
2/18/2021 ✓				N				\$118.15 ✓
31	MERIT OIL / MERIT OIL COMPANY ✓	1/27/2021 ✓	N	N		2/11/2021 ✓	1/27/2021	626551 ✓
GASOLINE								\$0.00
2/18/2021 ✓				N				\$1,428.58 ✓
32	MERIT OIL / MERIT OIL COMPANY ✓	1/28/2021 ✓	N	N		2/12/2021 ✓	1/28/2021	627101 ✓
DIESEL FUEL								\$0.00
2/18/2021 ✓				N				\$321.42 ✓
33	MERIT OIL / MERIT OIL COMPANY ✓	2/3/2021 ✓	N	N		2/18/2021 ✓	2/3/2021	627816 ✓
GASOLINE								\$0.00
2/18/2021 ✓				N				\$998.25 ✓
34	QUINN CAT / QUINN CAT / MACHINERY ✓	1/28/2021 ✓	N	N		2/27/2021 ✓	1/28/2021	PCA00223168 ✓
R&M EQUIP								\$0.00
2/18/2021 ✓				N				\$106.19 ✓

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Tr. #	Vendor	Inv Date	Paid Out	Immediate	Credit Card Vendor	Due Date	Discount Date	Invoice #
PO Number		Immediate GL Account			Check #		Payment Date	Discount
GL Date					Credit Card	CC Reference #		Total Invoice
52	HOME DEPOT / HOME DEPOT CREDIT SERVICES ✓	2/5/2021 ✓	N	N		3/7/2021 ✓	2/5/2021	005543/0613952 ✓
	SUPPLIES							\$0.00
2/18/2021 ✓					N			\$423.47 ✓
53	J THAYER / J THAYER COMPANY, INC ✓	2/2/2021 ✓	N	N		3/4/2021 ✓	2/2/2021	C1504281-0.A ✓
	CREDIT							\$0.00
2/18/2021 ✓					N			(\$40.01) ✓
54	R&D MECHANICAL / R&D MECHANICAL SUPPLY, INC ✓	2/4/2021 ✓	N	N		3/6/2021 ✓	2/4/2021	I1004493 ✓
	COUPLINGS							\$0.00
2/18/2021 ✓					N			\$522.00 ✓
55	RIVERSIDE CLEANING SYSTEMS / RIVERSIDE CLEAN ✓	2/2/2021 ✓	N	N		3/4/2021 ✓	2/2/2021	435 ✓
	CLNG SVC							\$0.00
2/18/2021 ✓					N			\$798.00 ✓
56	SCE / SCE ✓	2/6/2021 ✓	N	N		2/25/2021 ✓	2/6/2021	21F20191970662 ✓
	STREETLIGHTS							\$0.00
2/18/2021 ✓					N			\$11,064.24 ✓
57	SCG / SCG ✓	2/2/2021 ✓	N	N		2/25/2021 ✓	2/2/2021	21F17882256005 ✓
	MAIN OFC UTLTY							\$0.00
2/18/2021 ✓					N			\$194.50 ✓
58	SCG / SCG ✓	2/2/2021 ✓	N	N		2/25/2021 ✓	2/2/2021	21F01302181001 ✓
	FIELD OFC UTLTY							\$0.00
2/18/2021 ✓					N			\$26.32 ✓
59	SCG / SCG ✓	2/2/2021 ✓	N	N		2/26/2021 ✓	2/2/2021	21F059257030565 ✓
	FIRE STN UTLTY							\$0.00
2/18/2021 ✓					N			\$291.14 ✓
60	SPECTRUM / SPECTRUM BUSINESS ✓	2/6/2021 ✓	N	N		2/23/2021 ✓	2/6/2021	0914404020621 ✓
	INTRNT 2/6-3/5							\$0.00
2/18/2021 ✓					N			\$443.94 ✓
61	VARNER / VARNER & BRANDT LLP ✓	1/31/2021 ✓	N	N		3/2/2021 ✓	1/31/2021	20210131 ✓
	LGL SVCS							\$0.00
2/18/2021 ✓					N			\$2,600.00 ✓
62	VERIZON WIRELESS / VERIZON WIRELESS ✓	2/1/2021 ✓	N	N		2/21/2021 ✓	2/1/2021	9872374425 ✓
	CELL PHN CHGS							\$0.00
2/18/2021 ✓					N			\$404.15 ✓
63	FIRST CHOICE PLUMBING / FIRST CHOICE PLUMBING ✓	2/1/2021 ✓	N	N		3/3/2021 ✓	2/1/2021	I64947 ✓
	R&M FIRE STN							\$0.00
2/18/2021 ✓					N			\$125.00 ✓
64	HOUSTON HARRIS / HOUSTON & HARRIS PCS, INC. ✓	2/10/2021 ✓	N	N		3/12/2021 ✓	2/10/2021	21-23380 ✓
	HYDRO-WSH							\$0.00
2/18/2021 ✓					N			\$1,883.25 ✓
65	SITEONE / SITEONE LANDSCAPE SUPPLY, LLC ✓	1/28/2021 ✓	N	N		2/15/2021 ✓	1/28/2021	106061693-001 ✓
	SUPPLIES							\$0.00
2/18/2021 ✓					N			\$54.83 ✓
66	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC ✓	2/10/2021 ✓	N	N		3/12/2021 ✓	2/10/2021	0128_020921.A ✓
	COMM TRSH 1/28-2/9							\$0.00
2/18/2021 ✓					N			\$35,443.95 ✓
67	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC ✓	2/10/2021 ✓	N	N		3/12/2021 ✓	2/10/2021	0128_020921.B ✓
	RES TRSH 1/28-2/9							\$0.00
2/18/2021 ✓					N			\$119,196.68 ✓
68	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC ✓	2/10/2021 ✓	N	N		3/12/2021 ✓	2/10/2021	0128_020921.C ✓
	RCSD SHR COMM							\$0.00
2/18/2021 ✓					N			(\$3,544.40) ✓

\$150,213.07

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Tr. #	Vendor	Inv Date	Paid Out	Immediate	Credit Card Vendor	Due Date	Discount Date	Invoice #
PO Number		Immediate GL Account	GL Account		Check #		Payment Date	Discount
GL Date					Credit Card	CC Reference #		Total Invoice
69	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC ✓	2/10/2021 ✓	N	N				0128_020921.D ✓
RCSD SHR RES						3/12/2021 ✓	2/10/2021	\$0.00
2/18/2021 ✓					N			(\$883.16) ✓
70	SCE / SCE ✓	2/10/2021 ✓	N	N				21F2036525640 ✓
MAIN OFC UTLTY						3/1/2021 ✓	2/10/2021	\$0.00
2/18/2021 ✓					N			\$826.67 ✓
71	SCE / SCE ✓	2/10/2021 ✓	N	N				21F2283710317 ✓
FIRE STN UTLTY						3/1/2021 ✓	2/10/2021	\$0.00
2/18/2021 ✓					N			\$1,134.27 ✓

Grand Totals

Total Direct Expense: \$292,110.67
 Total Direct Expense Adj: (\$4,564.76) ①
 Total Non-Electronic Transactions: \$287,545.91 ②

Report Summary

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

① \$4,564.76
 4,427.56 Tri-Co
 137.20 J. Thayer
4,564.76
 0.00
0.00

PR 2/10/21

② \$287,545.91
 290,648.22
3,102.31
 2,797.31 Lincoln
 50.00 Pay Pro
 255.00 a.v.
3,102.31
0.00

J.P. Simon
 2/11/21

6. ACKNOWLEDGEMENTS – THIS IS THE TIME FOR MEMBERS
OF THE PUBLIC TO ADDRESS THE BOARD ON ANY NON-
AGENDA MATTER.

7. CORRESPONDENCE AND RELATED INFORMATION

8. MANAGER'S REPORT (Second Meeting each Month)

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

Water and Wastewater Production Comparison

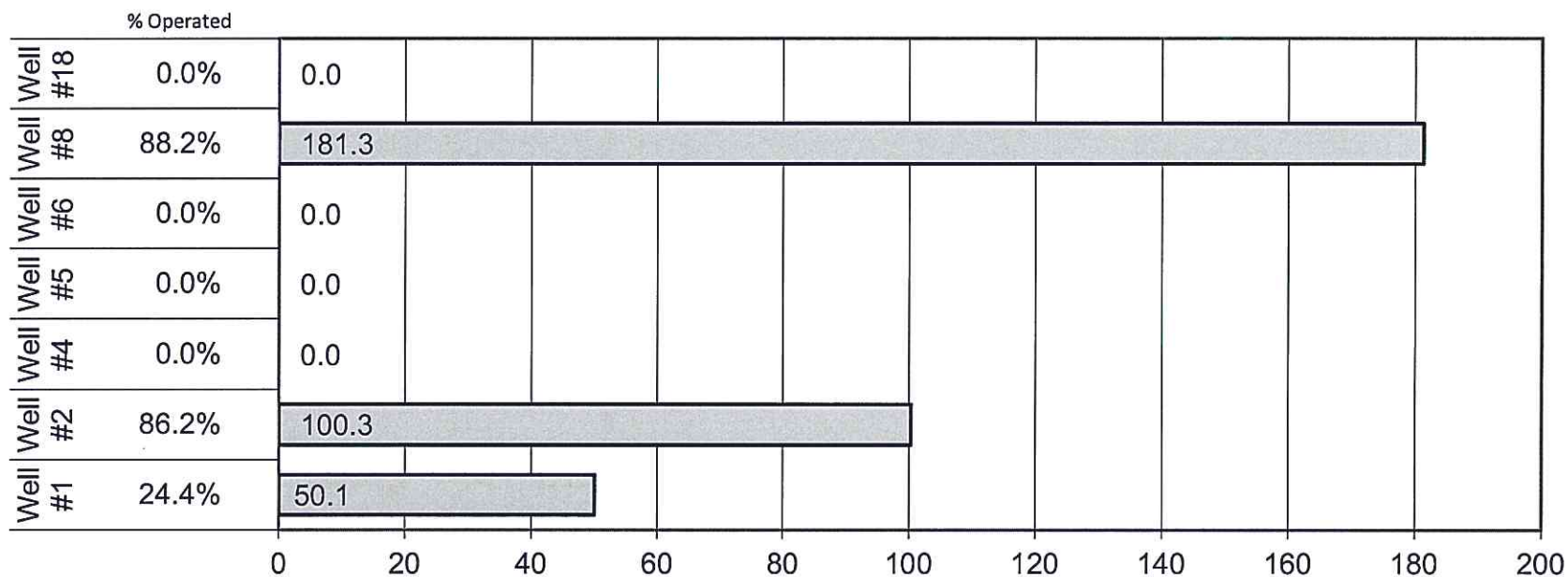
Date	TOTAL WELL PRODUCTION in Million Gallons					Consumption to	WASTEWATER
	Purchased	Potable	Potable	Non-Potable	Total	JURUPA C.S.D.	FLOW TO
		Wells	Total	Wells		(Million Gallons)	RIVERSIDE
						(Million Gallons)	(Million Gallons)
1/1/2021	0.00	3.23	3.23	0.01	3.24	0.00	1.52
1/2/2021	0.00	3.18	3.18	0.49	3.67	0.00	1.60
1/3/2021	0.00	3.42	3.42	0.01	3.43	0.00	1.62
1/4/2021	0.00	3.23	3.23	0.01	3.24	0.00	1.79
1/5/2021	0.00	3.46	3.46	0.42	3.88	0.00	1.69
1/6/2021	0.00	3.23	3.23	0.01	3.24	0.00	1.65
1/7/2021	0.00	4.45	4.45	0.48	4.93	0.00	1.63
1/8/2021	0.00	3.47	3.47	0.26	3.73	0.00	1.65
1/9/2021	0.00	3.30	3.30	0.18	3.47	0.00	1.62
1/10/2021	0.00	4.00	4.00	0.36	4.36	0.00	1.69
1/11/2021	0.00	3.04	3.04	0.02	3.06	0.00	1.65
1/12/2021	0.00	4.11	4.11	0.29	4.41	0.00	1.70
1/13/2021	0.00	4.06	4.06	0.30	4.35	0.00	1.67
1/14/2021	0.00	3.13	3.13	0.01	3.14	0.00	1.62
1/15/2021	0.00	5.11	5.11	0.41	5.52	0.00	1.63
1/16/2021	0.00	3.80	3.80	0.38	4.18	0.00	1.66
1/17/2021	0.00	3.72	3.72	0.01	3.74	0.00	1.66
1/18/2021	0.00	4.00	4.00	0.43	4.43	0.00	1.70
1/19/2021	0.00	2.77	2.77	0.43	3.19	0.00	1.56
1/20/2021	0.00	4.25	4.25	0.09	4.34	0.00	1.69
1/21/2021	0.00	4.24	4.24	0.30	4.54	0.00	1.77
1/22/2021	0.00	3.01	3.01	0.01	3.01	0.00	1.78
1/23/2021	0.00	3.82	3.82	0.01	3.83	0.00	1.73
1/24/2021	0.00	4.68	4.68	0.01	4.69	0.00	1.85
1/25/2021	0.00	3.12	3.12	0.01	3.12	0.00	1.77
1/26/2021	0.00	2.70	2.70	0.01	2.71	0.00	1.68
1/27/2021	0.00	3.21	3.21	0.01	3.22	0.00	1.70
1/28/2021	0.00	2.97	2.97	0.01	2.98	0.00	1.66
1/29/2021	0.00	1.80	1.80	0.00	1.81	0.00	1.94
1/30/2021	0.00	3.77	3.77	0.00	3.77	0.00	1.67
1/31/2021	0.00	1.79	1.79	0.01	1.80	0.00	1.68
MINIMUM	0.00	1.79	1.79	0.00	1.80	0.00	1.52
AVERAGE	0.00	3.49	3.49	0.16	3.65	0.00	1.68
MAXIMUM	0.00	5.11	5.11	0.49	5.52	0.00	1.94
TOTAL	0.00	108.09	108.09	4.95	113.04	0.00	52.21

RUBIDOUX COMMUNITY SERVICES DISTRICT
MONTHLY WELL PRODUCTION
(Million Gallons)

DATE	POTABLE WATER								NONPOTABLE WATER					TOTALS		TOTAL PROD. (MG)
	JURUPA TIE-IN (MG)	MN Rmvl Plt #1 Well #1A (MG)	GAC Plt TROYER Well #2 (MG)	Nitrate Removal Plt		DALY Well #5 (MG)	GOULD Well #8A (MG)	MN Rmvl Plt #2 Well #18 (MG)	28th ST. Well #3 (MG)	DALY Well #7 (MG)	CLEMENT Well #11 (MG)	46th ST. Well #14 (MG)	Mission Wells #19 & #20 (MG)	POTABLE (MG)	NON POTABLE (MG)	
				FLT Well #4 (MG)	SKOTTY Well #6 (MG)											
1/1/2021	0.00	0.00	1.13	0.00	0.00	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.01	3.23	0.01	3.24
1/2/2021	0.00	0.00	1.16	0.00	0.00	0.00	2.02	0.00	0.00	0.00	0.48	0.00	0.01	3.18	0.49	3.67
1/3/2021	0.00	0.00	1.22	0.00	0.00	0.00	2.20	0.00	0.00	0.00	0.00	0.00	0.01	3.42	0.01	3.43
1/4/2021	0.00	0.79	0.41	0.00	0.00	0.00	2.04	0.00	0.00	0.00	0.00	0.00	0.01	3.23	0.01	3.24
1/5/2021	0.00	0.41	1.09	0.00	0.00	0.00	1.96	0.00	0.00	0.00	0.41	0.00	0.01	3.46	0.42	3.88
1/6/2021	0.00	0.00	1.18	0.00	0.00	0.00	2.05	0.00	0.00	0.00	0.00	0.00	0.01	3.23	0.01	3.24
1/7/2021	0.00	1.30	1.12	0.00	0.00	0.00	2.03	0.00	0.06	0.00	0.41	0.00	0.01	4.45	0.48	4.93
Subtotal	0.00	2.50	7.31	0.00	0.00	0.00	14.40	0.00	0.06	0.00	1.31	0.00	0.07	24.21	1.43	25.64
1/8/2021	0.00	0.00	1.29	0.00	0.00	0.00	2.18	0.00	0.00	0.00	0.25	0.00	0.01	3.47	0.26	3.73
1/9/2021	0.00	0.00	1.20	0.00	0.00	0.00	2.10	0.00	0.00	0.00	0.17	0.00	0.01	3.30	0.18	3.47
1/10/2021	0.00	1.15	1.04	0.00	0.00	0.00	1.81	0.00	0.00	0.00	0.36	0.00	0.01	4.00	0.36	4.36
1/11/2021	0.00	0.00	1.08	0.00	0.00	0.00	1.96	0.00	0.00	0.00	0.00	0.00	0.01	3.04	0.02	3.06
1/12/2021	0.00	1.00	1.13	0.00	0.00	0.00	1.99	0.00	0.00	0.00	0.28	0.00	0.01	4.11	0.29	4.41
1/13/2021	0.00	0.89	1.16	0.00	0.00	0.00	2.01	0.00	0.00	0.00	0.28	0.00	0.02	4.06	0.30	4.35
1/14/2021	0.00	0.00	1.15	0.00	0.00	0.00	1.98	0.00	0.00	0.00	0.00	0.00	0.01	3.13	0.01	3.14
Subtotal	0.00	3.04	8.05	0.00	0.00	0.00	14.02	0.00	0.00	0.00	1.34	0.00	0.08	25.10	1.42	26.52
1/15/2021	0.00	1.69	1.24	0.00	0.00	0.00	2.18	0.00	0.00	0.00	0.40	0.00	0.01	5.11	0.41	5.52
1/16/2021	0.00	0.80	1.10	0.00	0.00	0.00	1.90	0.00	0.00	0.00	0.36	0.00	0.02	3.80	0.38	4.18
1/17/2021	0.00	0.55	1.17	0.00	0.00	0.00	2.01	0.00	0.00	0.00	0.00	0.00	0.01	3.72	0.01	3.74
1/18/2021	0.00	1.03	1.11	0.00	0.00	0.00	1.87	0.00	0.00	0.00	0.41	0.00	0.01	4.00	0.43	4.43
1/19/2021	0.00	0.26	0.87	0.00	0.00	0.00	1.63	0.00	0.00	0.00	0.41	0.00	0.02	2.77	0.43	3.19
1/20/2021	0.00	0.94	1.18	0.00	0.00	0.00	2.13	0.00	0.00	0.00	0.07	0.00	0.02	4.25	0.09	4.34
1/21/2021	0.00	1.11	1.03	0.00	0.00	0.00	2.11	0.00	0.00	0.00	0.28	0.00	0.01	4.24	0.30	4.54
Subtotal	0.00	6.38	7.70	0.00	0.00	0.00	13.82	0.00	0.00	0.00	1.93	0.00	0.10	27.90	2.03	29.94
1/22/2021	0.00	0.63	0.87	0.00	0.00	0.00	1.50	0.00	0.00	0.00	0.00	0.00	0.01	3.01	0.01	3.01
1/23/2021	0.00	0.86	1.06	0.00	0.00	0.00	1.90	0.00	0.00	0.00	0.00	0.00	0.01	3.82	0.01	3.83
1/24/2021	0.00	1.92	0.98	0.00	0.00	0.00	1.79	0.00	0.00	0.00	0.00	0.00	0.01	4.68	0.01	4.69
1/25/2021	0.00	0.00	1.10	0.00	0.00	0.00	2.02	0.00	0.00	0.00	0.00	0.00	0.01	3.12	0.01	3.12
1/26/2021	0.00	0.99	0.84	0.00	0.00	0.00	0.87	0.00	0.00	0.00	0.00	0.00	0.01	2.70	0.01	2.71
1/27/2021	0.00	0.00	1.09	0.00	0.00	0.00	2.13	0.00	0.00	0.00	0.00	0.00	0.01	3.21	0.01	3.22
1/28/2021	0.00	0.00	0.99	0.00	0.00	0.00	1.98	0.00	0.00	0.00	0.00	0.00	0.01	2.97	0.01	2.98
1/29/2021	0.00	0.00	0.76	0.00	0.00	0.00	1.04	0.00	0.00	0.00	0.00	0.00	0.00	1.80	0.00	1.81
1/30/2021	0.00	0.00	1.31	0.00	0.00	0.00	2.46	0.00	0.00	0.00	0.00	0.00	0.00	3.77	0.00	3.77
1/31/2021	0.00	0.00	0.63	0.00	0.00	0.00	1.17	0.00	0.00	0.00	0.00	0.00	0.01	1.79	0.01	1.80
Subtotal	0.00	4.40	9.63	0.00	0.00	0.00	16.85	0.00	0.00	0.00	0.00	0.00	0.07	30.88	0.07	30.94
TOTAL	0.000	16.314	32.690	0.000	0.000	0.000	59.085	0.000	0.059	0.000	4.576	0.000	0.314	108.089	4.949	113.038

TOTAL WATER PRODUCED w/ % Operated

January 2021

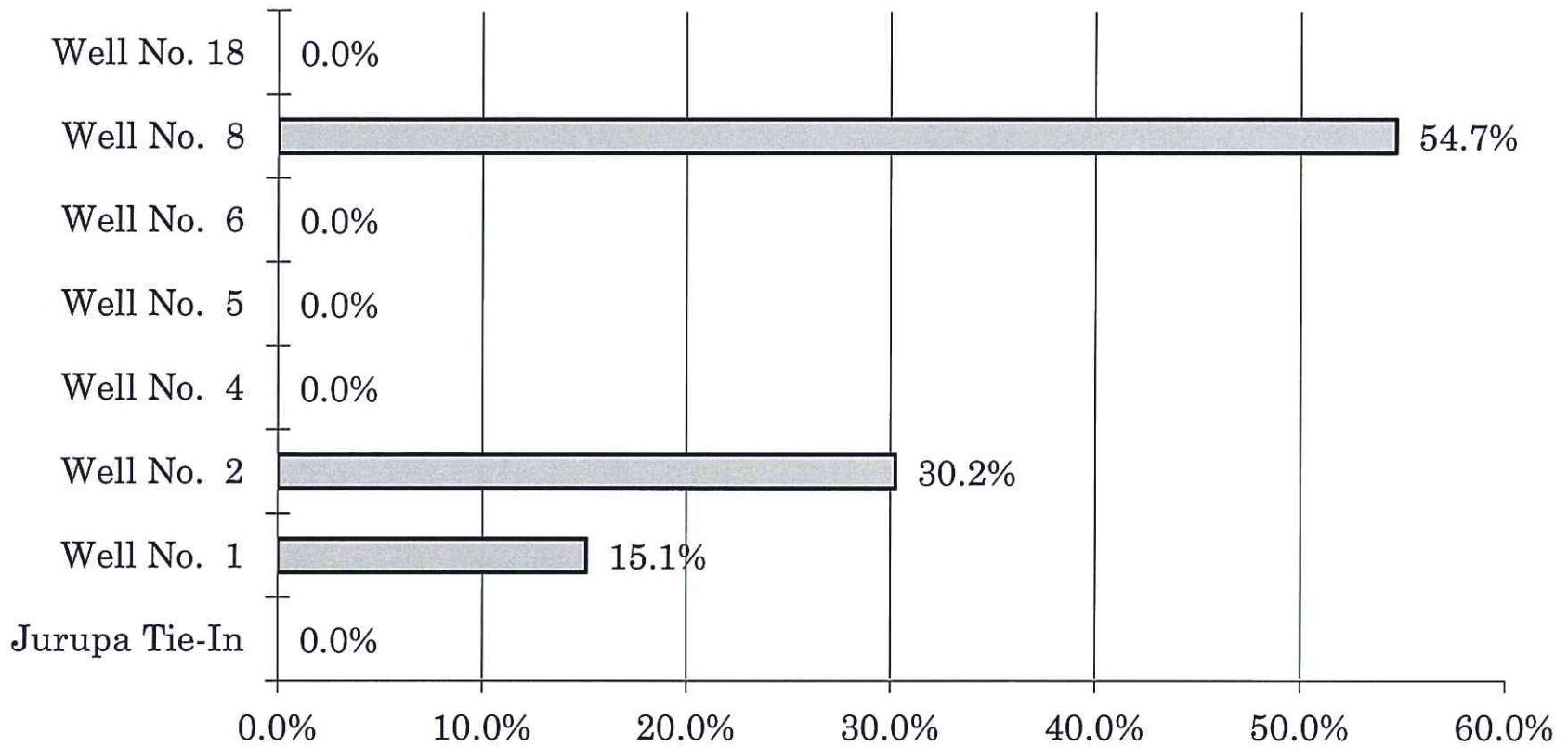


Max Production **972.7 AF**
 Monthly Production **331.7 AF**
 Reserve Production **641.0 AF**

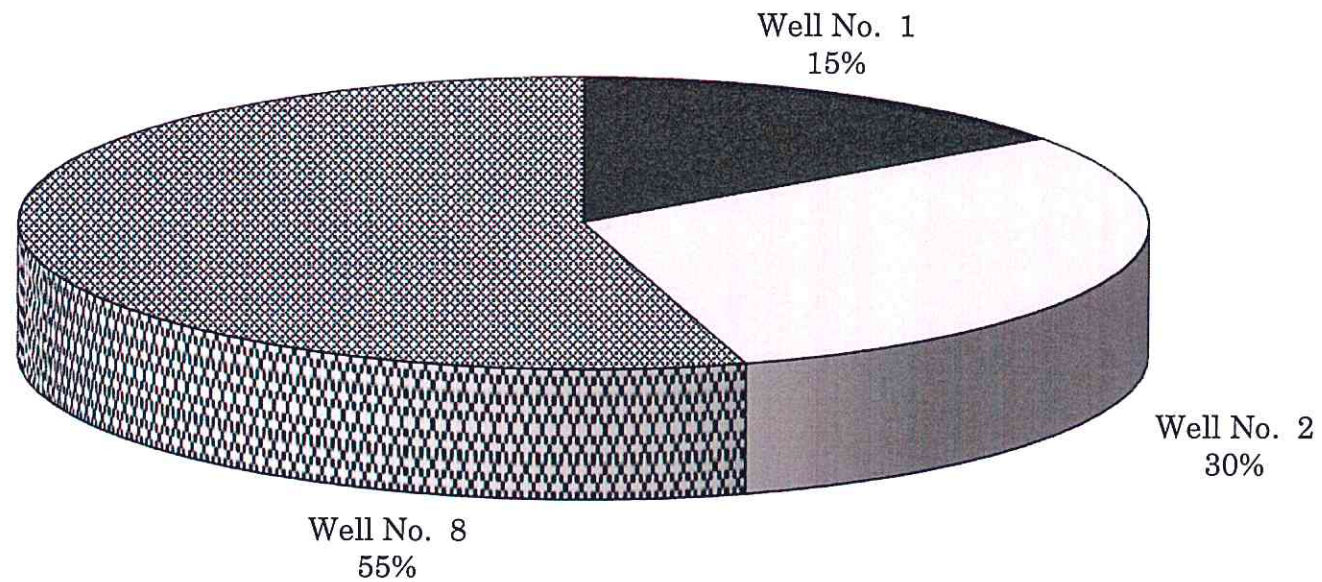
ACRE FEET

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

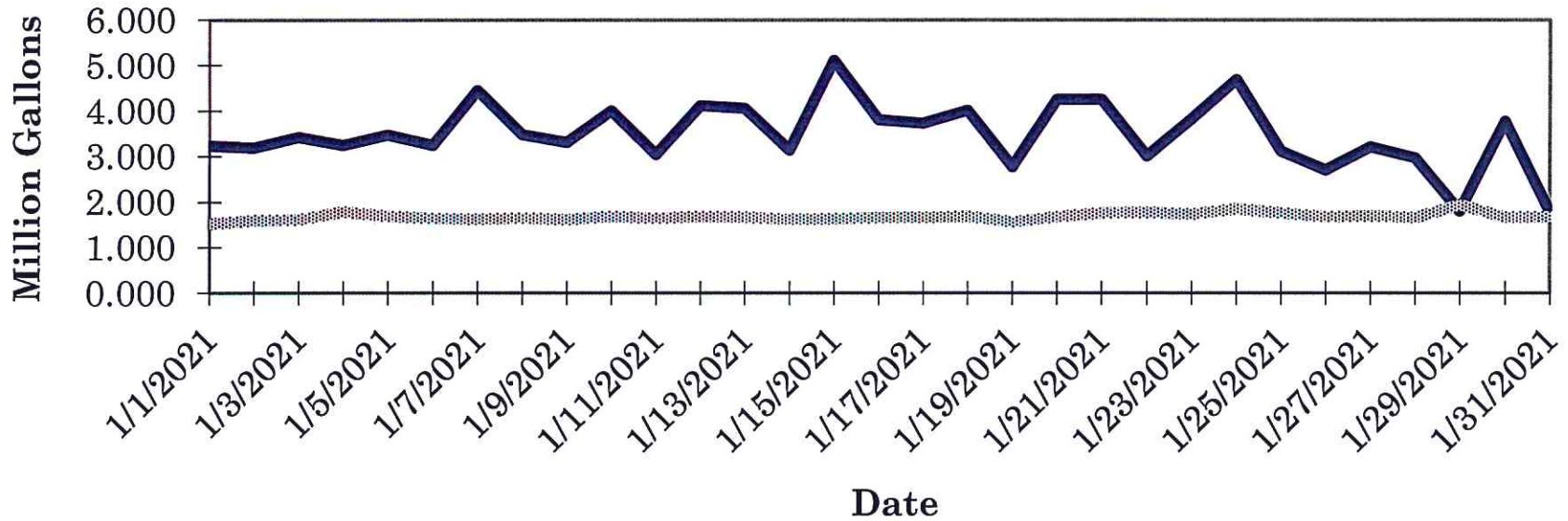
Source Potable Production Comparison January 2021



Source Potable Production Comparison January 2021

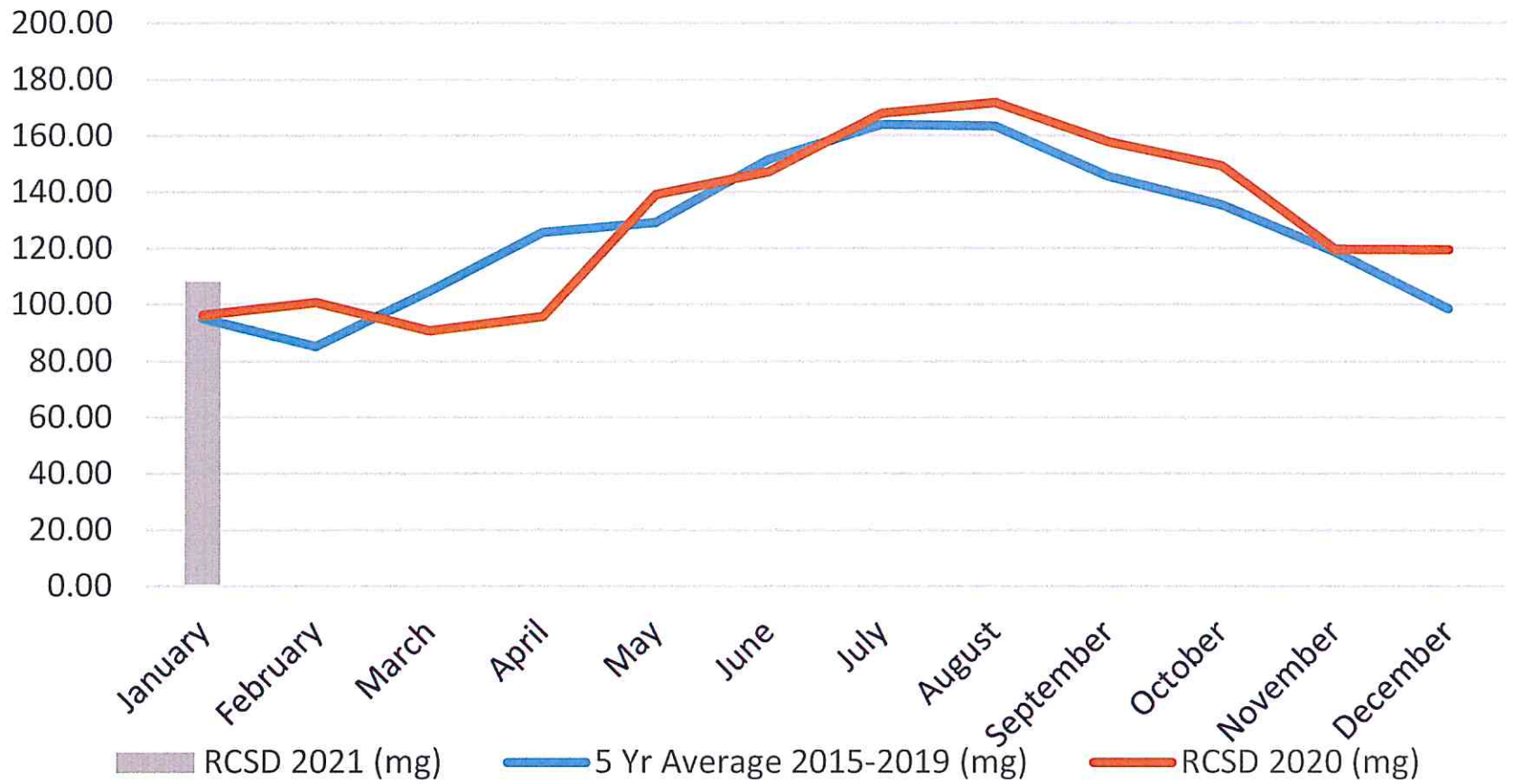


Potable Water & Wastewater Comparison January 2021



— Potable Water Prod. Wastewater Prod

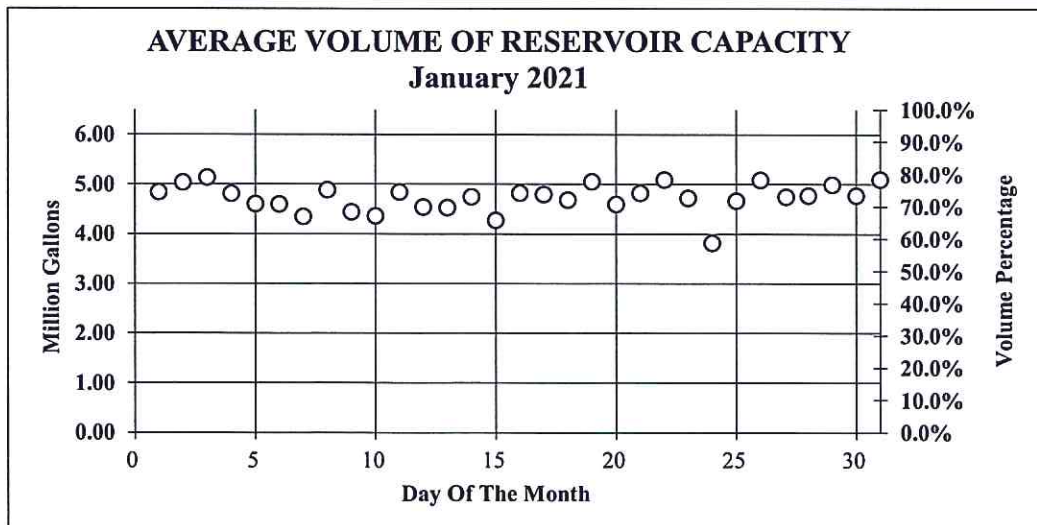
Potable Water Production Year 2021



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 I	PERRONE		
1/1/2021	77.6	72.7	79.1	77.0	4,839,342	75.3%
1/2/2021	84.6	78.1	73.4	68.6	5,033,158	78.3%
1/3/2021	84.4	78.1	78.1	77.0	5,132,341	79.9%
1/4/2021	79.3	74.0	73.4	69.5	4,811,735	74.9%
1/5/2021	72.8	69.1	76.8	75.2	4,605,270	71.7%
1/6/2021	70.4	67.0	83.9	81.9	4,594,344	71.5%
1/7/2021	67.1	64.9	75.1	74.1	4,349,317	67.7%
1/8/2021	77.9	72.9	81.2	79.5	4,886,014	76.0%
1/9/2021	71.8	68.3	69.4	66.1	4,441,819	69.1%
1/10/2021	66.1	64.2	78.4	78.0	4,361,217	67.9%
1/11/2021	77.5	72.7	79.2	77.1	4,839,743	75.3%
1/12/2021	73.4	69.6	70.2	68.4	4,538,301	70.6%
1/13/2021	69.9	66.8	79.4	78.8	4,526,527	70.5%
1/14/2021	77.7	72.8	73.2	69.5	4,743,956	73.8%
1/15/2021	65.6	63.5	74.9	73.4	4,270,070	66.5%
1/16/2021	75.5	71.4	82.4	81.8	4,820,747	75.0%
1/17/2021	80.3	74.8	68.4	65.6	4,794,711	74.6%
1/18/2021	76.7	72.0	70.8	69.3	4,687,275	73.0%
1/19/2021	81.9	76.1	82.4	77.9	5,049,700	78.6%
1/20/2021	75.4	71.2	69.3	65.7	4,595,704	71.5%
1/21/2021	77.9	73.1	75.6	74.9	4,820,366	75.0%
1/22/2021	82.4	76.4	82.3	80.1	5,090,377	79.2%
1/23/2021	77.7	72.8	72.3	67.5	4,721,625	73.5%
1/24/2021	52.9	54.2	82.3	78.2	3,816,039	59.4%
1/25/2021	75.9	72.3	72.4	67.4	4,667,552	72.6%
1/26/2021	83.7	77.5	80.1	74.5	5,083,972	79.1%
1/27/2021	76.9	72.0	76.0	72.7	4,748,108	73.9%
1/28/2021	78.2	73.2	74.7	69.6	4,773,127	74.3%
1/29/2021	83.3	73.7	80.7	76.9	4,988,287	77.6%
1/30/2021	79.3	74.0	71.5	66.3	4,774,431	74.3%
1/31/2021	83.7	77.5	80.6	75.6	5,097,382	79.3%



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

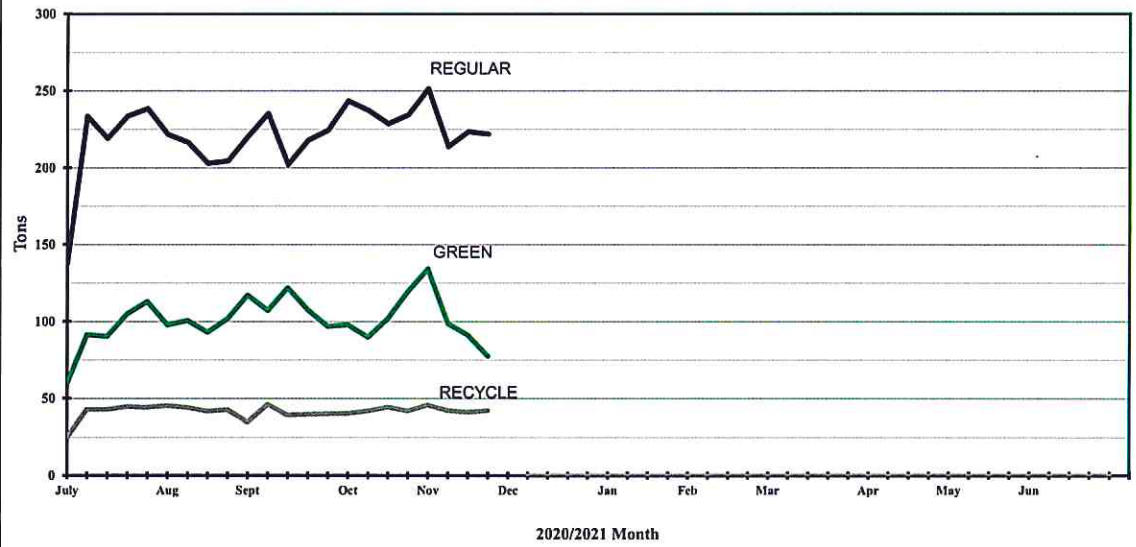
RUBIDOUX COMMUNITY SERVICES DISTRICT

Green Waste Program
(July 2020 to June 2021)

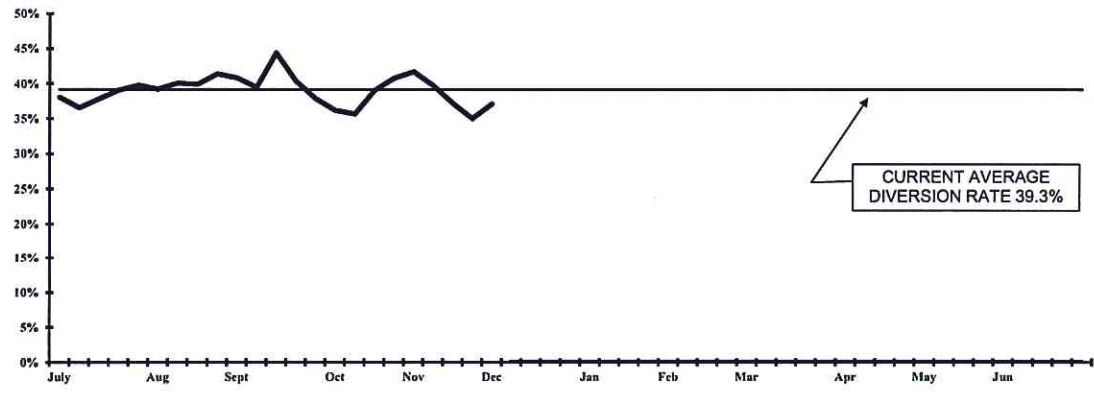
DATE	YEAR	GREEN WASTE					RECYCLE					REGULAR TRASH					WEEKLY TRASH TOTALS					
		DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	GREEN	RECYCLE	REGULAR	TOTAL	% DIVERSION	
5/93-5/94	Year 1	1,307	1,275								4,371	3,609				2,582		7,980	10,562	24.4%		
5/94-5/95	Year 2	1,260	1,183								4,914	3,999				2,444		8,913	11,357	21.5%		
5/95-5/96	Year 3	1,300	1,050								4,872	4,118				2,350		8,990	11,340	20.7%		
5/96-5/97	Year 4	1,207	1,013								4,802	4,182				2,220		8,984	11,204	19.8%		
5/97-5/98	Year 5	607	600	512	491	434					2,171	2,111	1,199	1,332	1,027	2,644		7,840	10,484	25.2%		
5/98-5/99	Year 6	503	508	656	608	533					1,781	1,920	1,558	1,802	1,314	2,808		8,375	11,183	25.1%		
5/99-5/00	Year 7	438	500	610	569	499					1,926	2,147	1,717	1,974	1,430	2,616		9,194	11,810	22.2%		
5/00-5/01	Year 8	460	568	674	630	500					2,071	2,478	1,788	2,094	1,499	2,832		9,930	12,762	22.2%		
5/01-5/02	Year 9	426	518	659	625	525					2,298	2,632	1,889	2,257	1,512	2,753		10,588	13,341	20.6%		
5/02-5/03	Year 10	468	583	726	699	583					2,514	3,039	2,083	2,367	1,581	3,059		11,584	14,643	20.9%		
5/03-5/04	Year 11	590	624	689	657	573					2,525	3,323	2,195	2,473	1,650	3,133		12,166	15,299	20.5%		
5/04-5/05	Year 12	577	633	702	681	613					2,615	3,385	2,253	2,484	1,629	3,206		12,366	15,572	20.6%		
5/05-5/06	Year 13	575	611	739	654	615					2,579	3,268	2,439	2,545	1,664	3,194		12,495	15,689	20.4%		
5/06-5/07	Year 14	487	572	633	626	547					2,451	3,267	2,286	2,432	1,698	2,865		12,134	14,999	19.1%		
5/07-5/08	Year 15	723	936	858	884	654	175	268	207	219	200	2,110	2,856	1,740	2,004	1,273	4,055	9,983	15,107	33.9%		
5/08-5/09	Year 16	793	939	927	861	766	240	361	285	299	235	1,944	2,536	1,592	1,810	1,123	4,286	1,420	9,005	14,711	38.8%	
5/09-5/10	Year 17	919	1,114	1,026	969	779	250	382	303	315	233	1,931	2,452	1,538	1,738	1,117	4,807	1,483	8,776	15,066	41.7%	
5/10-5/11	Year 18	758	1,036	954	915	611	260	381	307	309	225	1,862	2,466	1,529	1,757	1,130	4,274	1,482	8,744	14,500	39.7%	
5/10-5/12	Year 19	745	1,032	911	893	600	247	378	292	309	214	1,779	2,360	1,549	1,794	1,138	4,181	1,440	8,620	14,241	39.5%	
5/12-5/13	Year 20	800	1,089	935	933	628	236	361	278	292	261	1,830	2,004	1,536	1,701	1,416	4,385	1,428	8,487	14,300	40.7%	
5/13-5/14	Year 21	792	1,086	893	918	593	224	326	250	276	309	1,998	1,754	1,696	1,760	1,688	4,282	1,385	8,896	14,563	38.9%	
5/14-5/15	Year 22	894	932	781	783	791	314	325	286	324	327	1,975	1,657	1,547	1,824	2,023	4,181	1,576	9,026	14,783	38.9%	
5/15-5/16	Year 23	1,038	804	740	772	964	375	322	299	378	334	1,986	1,634	1,428	1,990	2,192	4,318	1,708	9,230	15,256	39.5%	
5/16-5/17	Year 24	1,018	783	681	800	973	400	350	315	435	361	2,054	1,693	1,458	2,074	2,132	4,255	1,861	9,411	15,527	39.4%	
5/17-5/18	Year 25	1,052	835	685	862	1,046	411	357	316	453	373	2,108	1,712	1,450	2,082	2,072	4,480	1,910	9,424	15,814	40.4%	
5/18-5/19	Year 26	1,033	835	698	901	1,048	425	376	320	503	371	2,159	1,781	1,476	2,176	2,077	4,515	1,995	9,669	16,179	40.2%	
5/19-6/20	Year 27	1,236	981	799	1,056	1,207	493	446	367	605	430	2,674	2,327	1,910	2,727	2,511	5,279	2,341	12,149	19,769	38.5%	
6/29/2020	Yr 28	-	-	17.88	20.15	21.22	-	-	10.01	7.89	6.87	-	-	-	40.00	53.13	43.80	59.25	24.77	136.93	220.95	38.0%
7/6/2020	Yr 28	18.81	18.78	17.89	17.36	18.32	10.19	8.63	7.75	9.47	7.06	57.21	44.14	41.06	48.91	41.86	91.16	43.10	233.18	367.44	36.5%	
7/13/2020	Yr 28	17.70	17.85	17.98	16.62	20.22	9.45	8.93	8.20	9.87	6.59	49.23	47.66	37.22	48.84	36.08	90.37	43.04	219.03	352.44	37.9%	
7/20/2020	Yr 28	22.12	18.72	20.27	21.20	22.50	10.45	8.97	8.87	9.28	7.19	49.69	46.44	46.40	46.84	44.14	104.81	44.76	233.51	383.08	39.0%	
7/27/2020	Yr 28	25.58	22.06	20.53	23.04	21.60	10.20	8.43	9.20	9.63	6.90	52.36	48.48	44.74	45.77	46.88	112.81	44.36	238.23	395.40	39.7%	
8/3/2020	Yr 28	17.99	18.54	19.20	20.31	21.51	10.81	8.66	9.19	8.94	7.80	48.55	45.48	39.81	50.06	37.75	97.55	45.40	221.65	364.60	39.2%	
8/10/2020	Yr 28	23.29	19.67	18.82	19.12	19.49	9.82	9.59	8.65	8.94	7.25	49.25	41.00	40.11	49.62	36.38	100.39	44.25	216.36	361.00	40.1%	
8/17/2020	Yr 28	21.18	17.73	17.79	17.67	18.52	9.35	8.66	7.57	9.09	7.13	45.18	38.36	36.07	46.04	37.11	92.89	41.80	202.76	337.45	39.9%	
8/24/2020	Yr 28	22.35	19.54	19.60	16.97	23.12	9.47	8.56	7.92	9.72	7.21	44.69	40.00	37.65	48.26	33.80	101.58	42.88	204.40	348.86	41.4%	
8/31/2020	Yr 28	25.99	23.19	22.44	21.64	23.76	0.93	8.53	8.75	9.16	7.47	45.77	40.65	44.07	52.32	37.40	117.02	34.84	220.21	372.07	40.8%	
9/7/2020	Yr 28	22.49	22.47	17.18	21.95	22.87	10.54	9.52	9.96	9.30	7.01	44.81	42.73	43.37	61.84	42.38	106.96	46.33	235.13	388.42	39.5%	
9/14/2020	Yr 28	25.86	22.95	28.59	21.03	23.33	8.35	8.20	7.65	8.61	6.57	45.98	37.38	38.95	45.54	34.08	121.76	39.38	201.93	363.07	44.4%	
9/21/2020	Yr 28	22.93	20.64	21.71	21.24	20.79	8.91	7.44	6.59	10.00	6.79	45.31	42.10	40.81	49.65	39.89	107.31	39.73	217.76	364.80	40.3%	
9/28/2020	Yr 28	21.66	17.79	19.02	19.20	18.94	8.56	8.61	7.60	8.33	7.07	45.87	41.98	40.50	52.04	43.86	96.61	40.17	224.25	361.03	37.9%	
10/5/2020	Yr 28	21.64	18.08	17.49	19.27	21.13	9.28	8.22	6.92	9.94	6.11	51.39	52.63	42.18	53.20	43.95	97.61	40.47	243.35	381.43	36.2%	
10/12/2020	Yr 28	21.59	16.25	17.29	16.65	17.73	10.25	7.75	8.07	9.04	6.87	59.95	48.45	42.30	46.50	39.82	89.51	41.98	237.02	368.51	35.7%	
10/19/2020	Yr 28	22.74	18.48	19.00	18.46	22.93	9.10	8.37	7.98	11.70	7.34	53.25	42.47	40.86	51.29	40.62	101.61	44.49	228.49	374.59	39.0%	
10/26/2020	Yr 28	22.06	19.42	21.56	25.97	30.28	9.50	7.59	7.98	9.52	7.36	42.62	40.92	42.27	64.62	43.80	119.29	41.95	234.23	393.47	40.8%	
11/2/2020	Yr 28	32.45	28.47	26.71	23.30	22.98	10.55	9.25	8.71	9.87	7.44	51.41	51.91	50.63	53.87	43.40	133.91	45.82	251.22	430.95	41.7%	
11/9/2020	Yr 28	22.40	19.03	16.65	17.79	22.66	8.81	8.77	6.99	9.93	7.70	47.62	41.12	40.07	46.36	38.39	98.53	42.20	213.56	354.29	39.7%	
11/16/2020	Yr 28	23.53	17.85	17.32	18.22	14.10	9.50	7.47	7.91	8.50	7.87	49.18	40.33	42.10	47.71	43.97	91.02	41.25	223.29	355.56	37.2%	
11/23/2020	Yr 28	18.96	14.42	13.87	13.75	16.43	8.18	8.00	7.85	10.79	7.33	52.91	43.94	39.55	45.57	39.79	77.43	42.15	221.76	341.34	35.0%	
11/30/2020	Yr 28	20.10					9.38					49.93					20.10	9.38	49.93	79.41	37.1%	
12/7/2020	Yr 28																0.00	0.00	0.00	0.00	#DIV/0!	
12/14/2020	Yr 28																0.00	0.00	0.00	0.00	#DIV/0!	
12/21/2020	Yr 28																0.00	0.00	0.00	0.00	#DIV/0!	
12/28/2020	Yr 28																0.00	0.00	0.00	0.00	#DIV/0!	
1/4/2021	Yr 28																0.00	0.00	0.00	0.00	#DIV/0!	
1/11/2021	Yr 28																0.00	0.00	0.00	0.00	#DIV/0!	
1/18/2021	Yr 28																0.00	0.00	0.00	0.00	#DIV/0!	
1/25/2021	Yr 28																0.00	0.00	0.00	0.00	#DIV/0!	
2/1/2021	Yr 28																0.00	0.00	0.00	0.00	#DIV/0!	
2/8/2021	Yr 28																0.00	0.00	0.00	0.00	#DIV/0!	
2/15/2021	Yr 28																0.00	0.00	0.00	0.00	#DIV/0!	
2/22/2021	Yr 28																0.00	0.00	0.00	0.00	#DIV/0!	
3/1/2021	Yr 28																0.00	0.00	0.00	0.00	#DIV/0!	
3/8/2021	Yr 28		</																			

RUBIDOUX COMMUNITY SERVICES DISTRICT
 Green Waste Program
 (July 2020 to June 2021)

CHARACTERIZATION OF REFUSE COLLECTED



PERCENTAGE OF GREEN/RECYCLE WASTE DIVERTED



CURRENT AVERAGE
 DIVERSION RATE 39.3%

CAL FIRE/Riverside County Fire Department

Emergency Incident Statistics



Bill Weiser

Fire Chief

2/1/2021

Report Provided By: Riverside County Fire Department

Communications and Technology Division

GIS Section

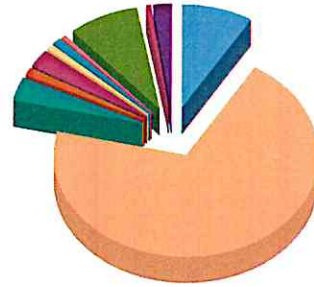
Please refer to Map and Incident by Battalion, Station, Jurisdiction

Incidents Reported for the month of January 2021 and Special District Rubidoux CSD And Both (Code 2, Alpha, Omega, Code 3, Charlie, Delta, Bravo, Echo)

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

Response Activity

Incidents Reported for the month of January 2021 and Special District Rubidoux CSD And Both (Code 2, Alpha, Omega, Code 3, Charlie, Delta, Bravo, Echo)



False Alarm	24	8.5%
Medical	198	70.2%
Other Fire	10	3.5%
Other Misc	3	1.1%
Public Service Assist	8	2.8%
Res Fire	2	0.7%
Ringing Alarm	3	1.1%
Standby	2	0.7%
Traffic Collision	24	8.5%
Vehicle Fire	2	0.7%
Wildland Fire	6	2.1%
Total:	282	100.0%

False Alarm	24
Medical	198
Other Fire	10
Other Misc	3
Public Service Assist	8
Res Fire	2
Ringing Alarm	3
Standby	2
Traffic Collision	24
Vehicle Fire	2
Wildland Fire	6
Incident Total:	282

Average Enroute to Onscene Time*

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

<5 Minutes	+5 Minutes	+10 Minutes	+20 Minutes	Average	% 0 to 5 min
178	99	10	2	4.9	63.1%

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

Incidents by Battalion, Station and Jurisdiction

			False Alarm	Medical	Other Fire	Other Misc	Public Service	Res Fire	Ringling Alarm	Standby	Traffic Collisio	Vehicle Fire	Wildlan d Fire	Total
Battalion 14	Station 16 Pedley	City of Jurupa Valley	0	5	0	0	2	0	0	0	0	0	0	7
	Station Total		0	5	0	0	2	0	0	0	0	0	0	7
	Station 18 West Riverside	City of Jurupa Valley	0	10	0	0	1	0	0	1	3	0	2	17
	Station Total		0	10	0	0	1	0	0	1	3	0	2	17
	Station 38 Rubidoux	City of Jurupa Valley	24	183	10	3	5	2	3	1	21	2	4	258
	Station Total		24	183	10	3	5	2	3	1	21	2	4	258
Battalion Total			24	198	10	3	8	2	3	2	24	2	6	282
Grand Total			24	198	10	3	8	2	3	2	24	2	6	282

Incidents by Jurisdiction

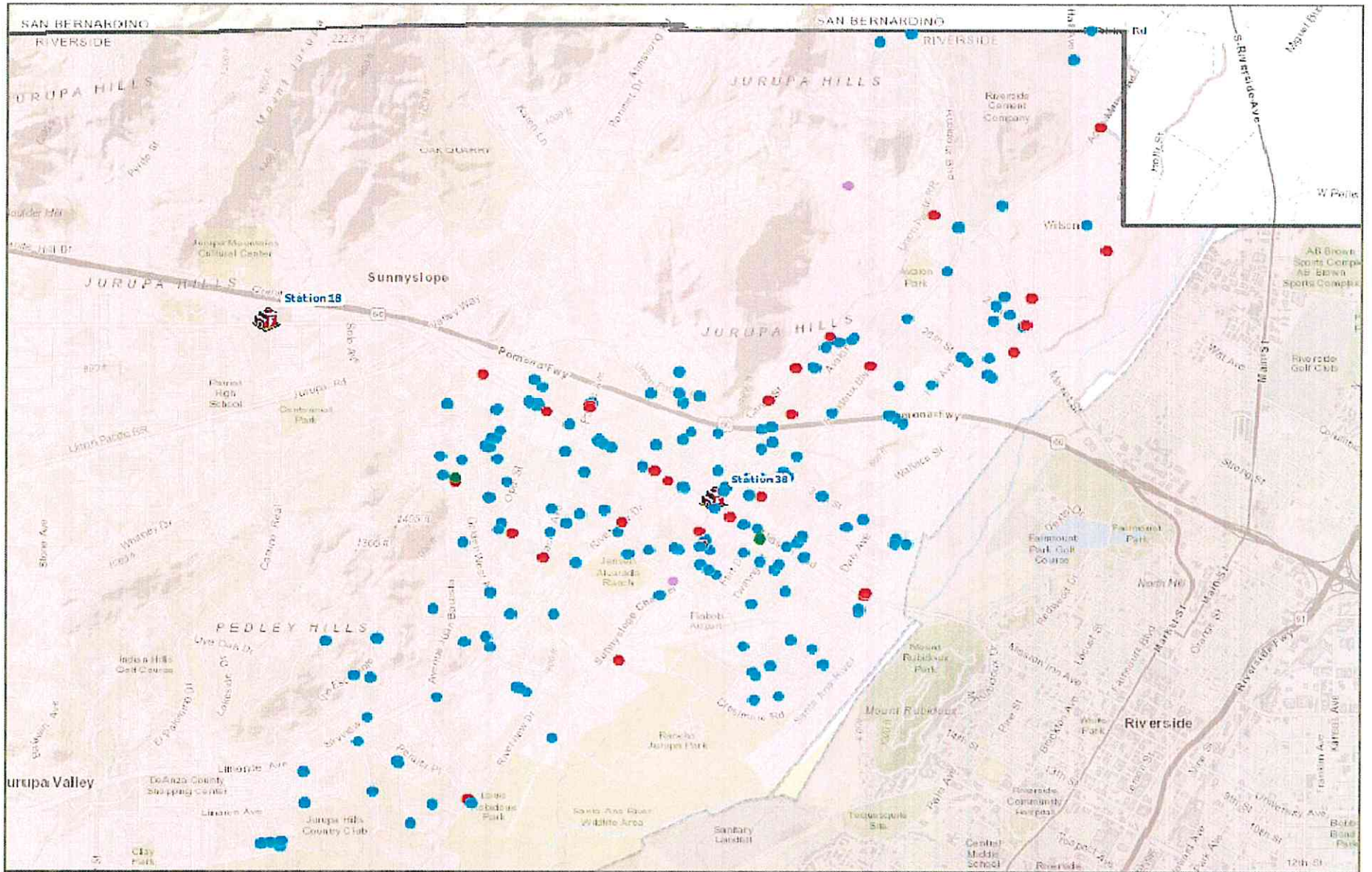
	False Alarm	Medical	Other Fire	Other Misc	Public Service	Res Fire	Ringing Alarm	Standby	Traffic Collisio	Vehicle Fire	Wildlan d Fire	Total
City of Jurupa Valley	24	198	10	3	8	2	3	2	24	2	6	282
Grand Total	24	198	10	3	8	2	3	2	24	2	6	282

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

Incidents by Supervisorial District - Summary

	DISTRICT 2 KAREN SPIEGEL	Grand Total
False Alarm	24	24
Medical	198	198
Other Fire	10	10
Other Misc	3	3
Public Service Assist	8	8
Res Fire	2	2
Ringing Alarm	3	3
Standby	2	2
Traffic Collision	24	24
Vehicle Fire	2	2
Wildland Fire	6	6
Total	282	282

MONTH = 1 and YEAR = 2021 and SPECIAL= 'Rubidoux CSD'



Legend

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



Riverside County Fire GIS

CAL FIRE/Riverside County Fire Department

Emergency Incident Statistics

January 2011 - January 2021



Rubidoux Community Service District



Total Calls for Rubidoux CSD January 2011-2021



<u>Month/Year</u>	<u>Total Calls for Station 38</u>	<u>Total Calls for District</u>
January 2011	151	160
January 2012	201	212
January 2013	206	213
January 2014	208	218
January 2015	243	251
January 2016	273	292
January 2017	262	275
January 2018	262	279
January 2019	224	235
January 2020	247	256
January 2021	258	282

CAL FIRE/Riverside County Fire Department

Emergency Incident Statistics



Bill Weiser

Fire Chief

2/1/2021

Report Provided By: Riverside County Fire Department

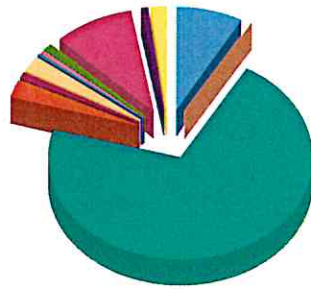
Communications and Technology Division

GIS Section

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

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

Response Activity



False Alarm	83	8.2%
Haz Mat	1	0.1%
Medical	720	71.1%
Other Fire	29	2.9%
Other Misc	9	0.9%
Public Service Assist	24	2.4%
Res Fire	4	0.4%
Ringing Alarm	4	0.4%
Standby	11	1.1%
Traffic Collision	101	10.0%
Vehicle Fire	7	0.7%
Wildland Fire	20	2.0%
Total:	1,013	100.0%

False Alarm	83
Haz Mat	1
Medical	720
Other Fire	29
Other Misc	9
Public Service Assist	24
Res Fire	4
Ringing Alarm	4
Standby	11
Traffic Collision	101
Vehicle Fire	7
Wildland Fire	20
Incident Total:	1,013

Average Enroute to Onscene Time*

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

<5 Minutes	+5 Minutes	+10 Minutes	+20 Minutes	Average	% 0 to 5 min
594	405	41	4	5.1	58.6%

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

Incidents by Battalion, Station and Jurisdiction

			False Alarm	Haz Mat	Medical	Other Fire	Other Misc	Public Service	Res Fire	Ringling Alarm	Standby	Traffic Collisio	Vehicle Fire	Wildlan d Fire	Total
Battalion 4	Station 47 Norco	City of Jurupa Valley	0	0	1	0	0	0	0	0	0	2	0	0	3
	Station Total		0	0	1	0	0	0	0	0	0	2	0	0	3
Battalion Total			0	0	1	0	0	0	0	0	0	2	0	0	3
Battalion 14	Station 16 Pedley	City of Jurupa Valley	21	0	168	10	1	7	1	0	4	13	1	4	230
	Station Total		21	0	168	10	1	7	1	0	4	13	1	4	230
	Station 17 Glen Avon	City of Jurupa Valley	25	1	166	4	2	5	1	0	2	29	4	4	243
	Station Total		25	1	166	4	2	5	1	0	2	29	4	4	243
	Station 18 West Riverside	City of Jurupa Valley	5	0	164	4	2	7	0	1	4	29	0	8	224
	Station Total		5	0	164	4	2	7	0	1	4	29	0	8	224
	Station 27 Eastvale	City of Jurupa Valley	5	0	34	1	1	0	0	0	0	6	0	0	47
	Station Total		5	0	34	1	1	0	0	0	0	6	0	0	47
	Station 38 Rubidoux	City of Jurupa Valley	27	0	187	10	3	5	2	3	1	22	2	4	266
	Station Total		27	0	187	10	3	5	2	3	1	22	2	4	266
Battalion Total			83	1	719	29	9	24	4	4	11	99	7	20	1,010
Grand Total			83	1	720	29	9	24	4	4	11	101	7	20	1,013

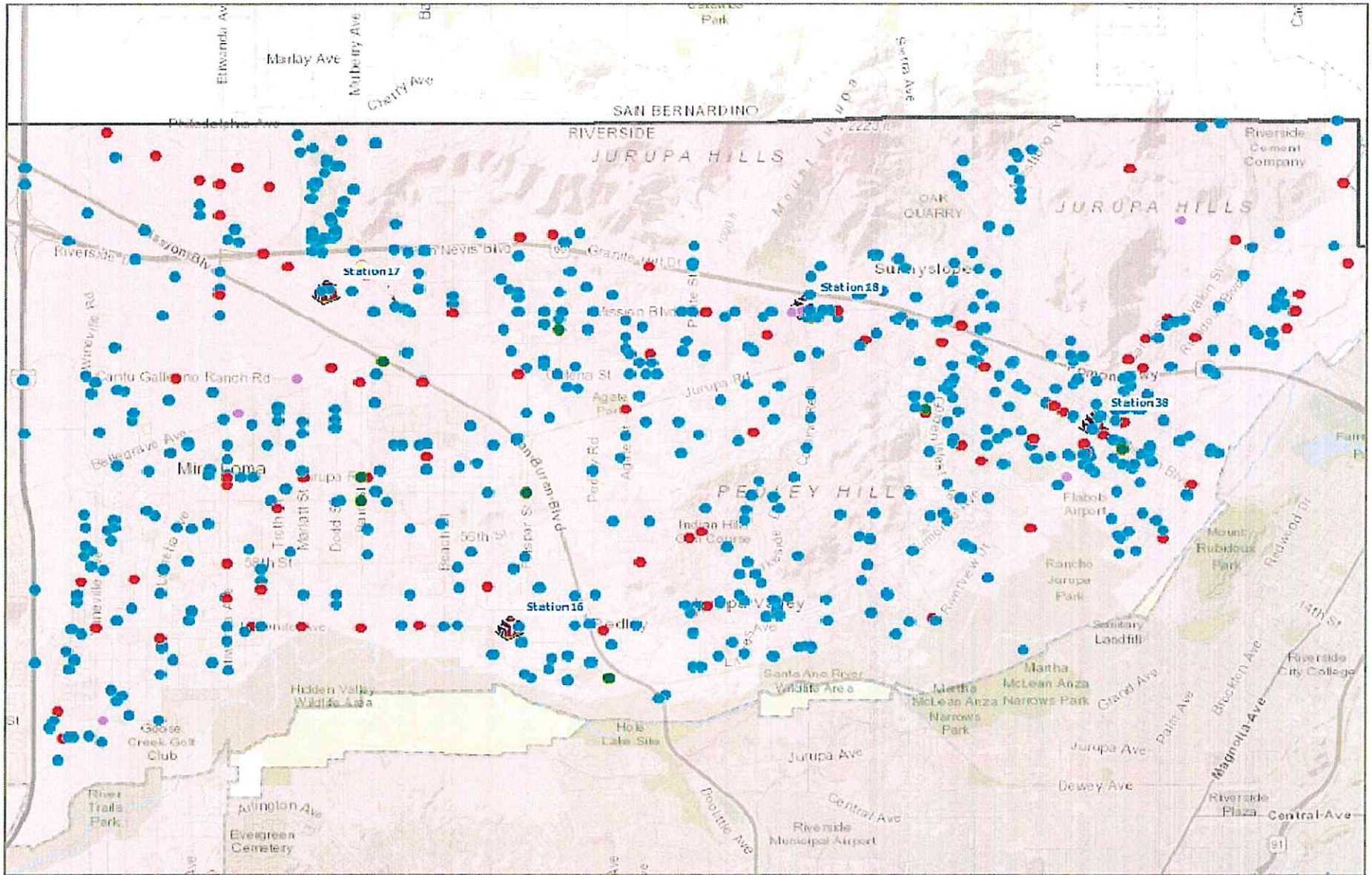
Incidents by Jurisdiction

	False Alarm	Haz Mat	Medical	Other Fire	Other Misc	Public Service	Res Fire	Ringing Alarm	Standby	Traffic Collisio	Vehicle Fire	Wildlan d Fire	Total
City of Jurupa Valley	83	1	720	29	9	24	4	4	11	101	7	20	1,013
Grand Total	83	1	720	29	9	24	4	4	11	101	7	20	1,013

Incidents by Supervisorial District - Summary

	DISTRICT 2 KAREN SPIEGEL	Grand Total
False Alarm	83	83
Haz Mat	1	1
Medical	720	720
Other Fire	29	29
Other Misc	9	9
Public Service Assist	24	24
Res Fire	4	4
Ringin Alarm	4	4
Standby	11	11
Traffic Collision	101	101
Vehicle Fire	7	7
Wildland Fire	20	20
Total	1,013	1,013

MONTH = 1 and YEAR = 2021 and CITYNAME = 'Jurupa Valley'



Legend

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



Riverside County Fire GIS

9. CONSIDER CSDA BOARD OF DIRECTORS CALL FOR NOMINATIONS:

DM 2021-08

Rubidoux Community Services District

Board of Directors

John Skerbelis
Hank Trueba Jr.
Armando Muniz
Bernard Murphy
F. Forest Trowbridge

General Manager

Jeffrey D. Sims



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

DIRECTORS MEMORANDUM 2021-08

February 18, 2021

To: Rubidoux Community Services District
 Board of Directors

Subject: Consider CSDA Board of Directors Call for Nominations

BACKGROUND:

Rubidoux Community Services District ("District") is a member of the California Special Districts Association ("CSDA"). CSDA is a not-for-profit association that was formed in 1969 to promote good governance and improved core local services through professional development, advocacy, and other services for all types of independent special districts.

It has a membership of over 1,000 organizations throughout California representing all types of independent special districts including irrigation, water, park and recreation, cemetery, fire, police protection, library, utility, harbor, healthcare, and community services districts. CSDA provides education and training, insurance programs, legal advice, industry-wide litigation and public relations support, legislative advocacy, capital improvement and equipment funding, collateral design services, and, most importantly, current information that is crucial to a special district's management and operational effectiveness.

District staff received correspondence from CSDA indicating CSDA's call for nominations for CSDA Board of Directors Seat A.

CSDA governance involves a Board of Directors comprised of six networks with three seats for each network. The networks are geographic areas within the state of California. The District is in the Southern Network. The three representative Board of Director members for each network are on staggered three-year terms. Seat A for the Southern Network has an expiring term, thus the call by CSDA for nominations to fill this position. The seat is currently filled by Jo MacKenzie – Director Vista Irrigation District. Ms. MacKinzie's bio from Vista Irrigation District is attached. She indicates her intent to run for re-election for Seat A, Southern

Section. The other two Southern Network Directors not currently up for re-election are Don Bartz – GM, Phelan Pinon Hills CSD, and Arlene Schafer, Board Member at Costa Mesa Sanitary District.

If any of the District’s Board Members are interested in submitting to CSDA for the election to fill the upcoming three-year term for Seat A, Southern Network, it is suggested the following schedule be followed:

February 18, 2021 – Board is presented information regarding the CSDA Seat A, Southern Network call for candidates.

March 4, 2021 – Staff will include an Action Item for the District Board to nominate a Director.

March 18, 2021 – Staff will include an Action Item for the District Board to consider adopting a Resolution supporting the Director from the District as a candidate for CSDA Seat A, Southern Network Board of Directors for the 2022- 2024 term.

March 19 – 26, 2021 – Nominated Director from the District to complete the 2021 CSDA Board Candidate Information Sheet.

March 26, 2021 – Staff sends CSDA adopted District Resolution and Candidate Information Sheet.

CSDA’s deadline is March 29, 2021 for receipt of candidate nominations. Voting will begin May 28, 2021 and end July 16, 2021. The successful candidate will be notified no later than July 20, 2021 with all new CSDA Board Members introduced at the Annual CSDA Conference in Monterey, CA in August 2021.

The attached correspondence from CSDA dated January 28, 2021 goes into more details regarding the process. It is recommended Board Members review this in preparation of consideration of nominating a Director on March 4, 2021 at the Board’s regularly scheduled Board Meeting.

RECOMMENDATION:

No action; information only.

Respectfully,



JEFFREY D. SIMS, P. E.
General Manager

Attach:

1. CSDA correspondence dated January 28, 2021 – call for CSDA Nominations for Board of Directors Seat A



**California Special
Districts Association**
Districts Stronger Together



DATE: January 28, 2021
TO: CSDA Voting Member Presidents and General Managers
FROM: CSDA Elections and Bylaws Committee
SUBJECT: **CSDA BOARD OF DIRECTORS CALL FOR NOMINATIONS
SEAT A**

The Elections and Bylaws Committee is looking for Independent Special District Board Members or their General Managers who are interested in leading the direction of the California Special Districts Association for the 2022 - 2024 term.

The leadership of CSDA is elected from its six geographical networks. Each of the six networks has three seats on the Board with staggered 3-year terms. Candidates must be affiliated with an independent special district that is a CSDA Regular Member in good standing and located within the geographic network that they seek to represent. (See attached CSDA Network Map)

The CSDA Board of Directors is the governing body responsible for all policy decisions related to CSDA's member services, legislative advocacy, education and resources. The Board of Directors is crucial to the operation of the Association and to the representation of the common interests of all California's special districts before the Legislature and the State Administration. Serving on the Board requires one's interest in the issues confronting special districts statewide.

Commitment and Expectations:

- Attend all Board meetings, usually 4-5 meetings annually, at the CSDA office in Sacramento.
- Participate on at least one committee, meets 3-5 times a year at the CSDA office in Sacramento.
(CSDA reimburses Directors for their related expenses for Board and committee meetings as outlined in Board policy).
- Attend, at minimum, the following CSDA annual events: Special Districts Legislative Days - held in the spring, and the CSDA Annual Conference - held in the fall.
*(CSDA does **not** reimburse expenses for the two conferences even if a Board or committee meeting is held in conjunction with the event)*
- Complete all four modules of CSDA's Special District Leadership Academy within 2 years of being elected.
*(CSDA does **not** reimburse expenses for the Academy classes even if a Board or committee meeting is held in conjunction with the event).*



**California Special
Districts Association**
Districts Stronger Together

2021 BOARD OF DIRECTORS NOMINATION FORM

Name of Candidate: _____

District: _____

Mailing Address: _____

Network: _____ (see map)

Telephone: _____
(PLEASE BE SURE THE PHONE NUMBER IS ONE WHERE WE CAN REACH THE CANDIDATE)

Fax: _____

E-mail: _____

Nominated by (optional): _____

Return this form and a Board resolution/minute action supporting the candidate
and Candidate Information Sheet by mail or email to:

CSDA
Attn: Amber Phelen
1112 I Street, Suite 200
Sacramento, CA 95814
(877) 924-2732

amberp@csda.net

DEADLINE FOR RECEIVING NOMINATIONS – March 29, 2021



California Special Districts Association
DISTRICT NETWORKS



Select Language ▼

Powered by [Google Translate \(https://translate.google.com\)](https://translate.google.com)[Contact Us: \(760\) 597-3100 \(/contact-us\)](/contact-us)[Careers \(/careers\)](/careers)[RFP/Bids \(/request-for-proposals-bids\)](/request-for-proposals-bids)[Lake Henshaw \(/lake-henshaw\)](/lake-henshaw)

Coronavirus Impacts

DISMISS

In response to Coronavirus (COVID-19), the Vista Irrigation District lobby is temporarily closed as a precautionary measure. District business and operations are being performed as usual. Water quality and supplies are not affected by COVID-19, and remain safe. You may also visit www.vidwater.org/covid-19-information or email Customer Service at VIDCustomerService@vidwater.org with questions about payment options.

[\(https://www.vidwater.org/\)](https://www.vidwater.org/)

This item appears on

[Board of Directors \(/board-of-directors-0cd80e4\)](/board-of-directors-0cd80e4)

Jo MacKenzie

Director, Division 5

Since December 9, 1992

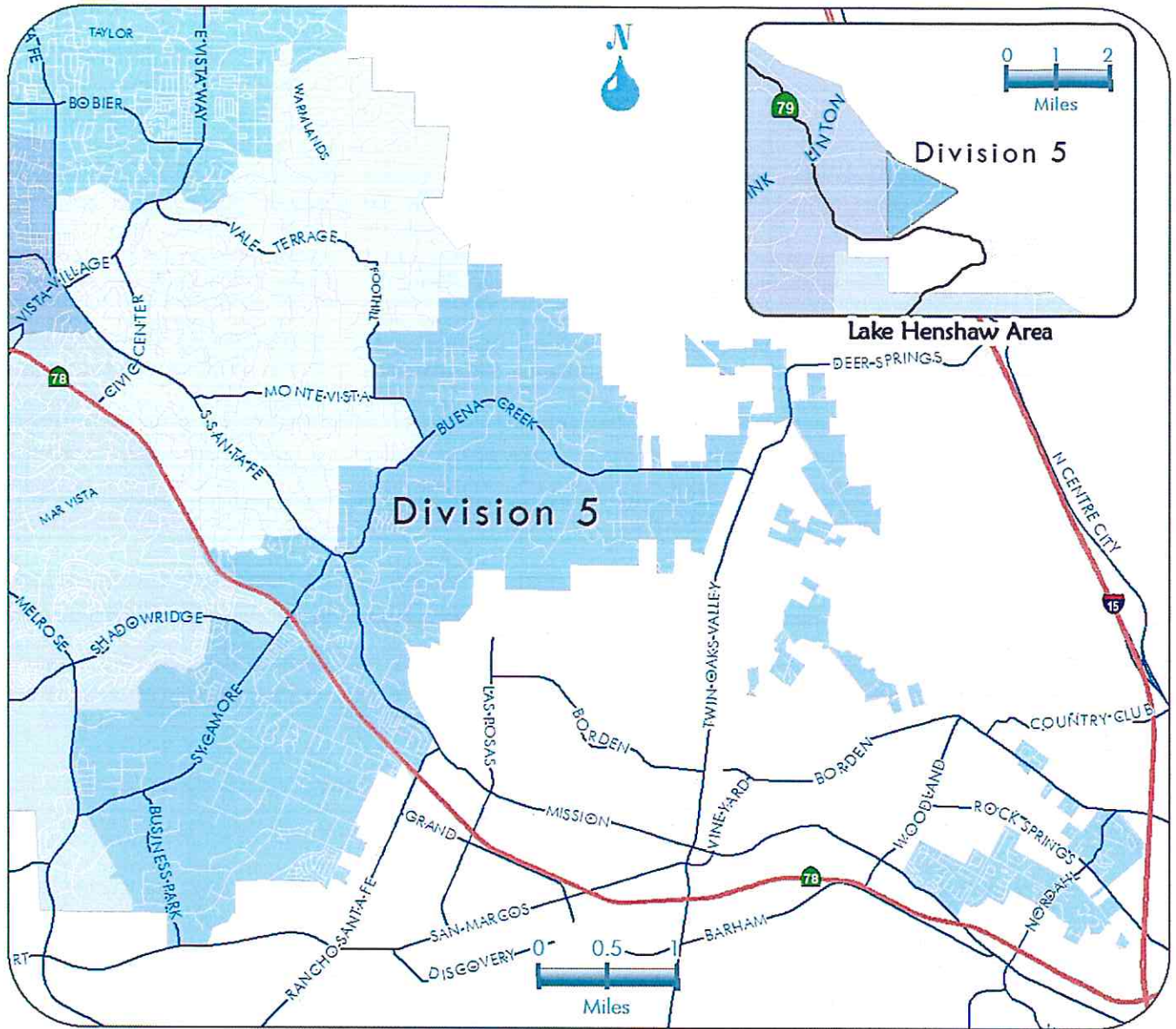
Current term: 2020-2024

Ms. MacKenzie has served on the Board of Directors since December 1992. She represents Division 5, which includes northeast and southeast Vista, north Twin Oaks Valley and the Bennett area in the city of San Marcos.

Ms. MacKenzie is a land use planner and has been active in the Vista and San Marcos communities for many years. She has served as the Chairperson of the District's fiscal policy, public affairs, Warner Ranch, and water sustainability committees. Ms. MacKenzie has also been actively involved with the Association of California Water Agencies; with the California

Special Districts Association, serving as the statewide association's president in 2011; with the Local Agency Formation Commission, serving as a representative for special districts; and with the Special District Leadership Foundation. She was also recognized as Special District Official of the Year by PublicCEO.com in 2011 and was the California Special Districts Association's Legislative Advocate of the Year in 2010.





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1391 Engineer Street, Vista CA 92081-8840
Telephone (760) 597-3100

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10. RECEIVE AND FILE STATEMENT OF CASH ASSET SCHEDULE REPORT
ENDING JANUARY 2021:

DM 2021-09

Rubidoux Community Services District

Board of Directors

Armando Muniz
Hank Trueba Jr
Bernard Murphy
John Skerbelis
F. Forest Trowbridge



General Manager

Jeffrey D. Sims

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

DIRECTORS MEMORANDUM 2021-09

February 18, 2021

To: Rubidoux Community Services District
 Board of Directors

Subject: Receive and File the January 2021 Statement of Cash Assets Schedule

BACKGROUND:

Attached for the Board of Directors' consideration is the January 2021 Statement of Cash Assets Schedule Report for all District Fund Accounts. Year to date ("YTD") interest is \$127,369.93 for District controlled accounts. With respect to District "Funds in Trust", \$5,371.50 which has been earned and posted. The District has a combined YTD interest earned total of \$132,741.43 as of January 31, 2021.

The District's Operating Funds (Excluding Restricted Funds and Operating Reserves) show a balance of \$7,514,851.27 ending January 31, 2021. This is **\$643,687.65 MORE** than July 1, 2020, beginning balance of \$6,871,163.62.

Further, the District's Field/Admin Fund current fund balance is \$626,048.04.

Submitted for the Board of Directors consideration is the *January 2021, Statement of Cash Assets Schedule Report* for review and acceptance.

RECOMMENDATION:

Staff recommends the Board of Directors “**Receive and File**” the January 2021 Statement of Cash Assets Schedule Report.

Respectfully,



JEFFREY D. SIMS, P. E.
General Manager

Attachment: January 2021, Cash Assets Schedule Report

RUBIDOUX COMMUNITY SERVICES DISTRICT

INVESTMENT SUMMARY - JANUARY 31, 2021
CASH BASIS

	Beg. Balance 7/1/2020	YTD Int.	Other Activity YTD	Balance 1/31/2021	YTD Avg. Int. Rate
Operating Accounts	\$ 6,871,163.62	\$ 39,779.16	\$ 603,908.49	\$ 7,514,851.27	0.53%
Water Operating Reserve	4,235,759.71	30,927.58	-	4,266,687.29	0.72%
Wastewater Operating Reserve	578,513.98	4,224.05	-	582,738.03	0.72%
Water Replacement Reserve	702,006.32	5,252.27	69,414.29	776,672.88	0.68%
Fire Mitigation Reserve	1,447,835.41	10,280.58	55,151.48	1,513,267.47	0.68%
Wastewater Reserve	316,194.52	2,131.30	88,989.95	407,315.77	0.52%
Wastewater Replacement Res.	212,781.39	1,701.32	63,517.00	277,999.71	0.61%
Water Reserve	2,228,218.83	6,342.09	(884,731.14)	1,349,829.78	0.47%
COP Restricted	3,022,895.29	22,339.93	36,037.46	3,081,272.68	0.73%
Field/Admin Reserve	586,427.14	4,391.65	35,229.25	626,048.04	0.70%
Funds in Trust	780,516.23	5,371.50	-	785,887.73	0.68%
Total Investments	\$ 20,982,312.44	\$ 132,741.43	\$ 67,516.78	\$ 21,182,570.65	0.63%

\$0.00

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
FOR PERIOD JULY 1, 2020 THRU JANUARY 31, 2021
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>
1/1/2021	Premier Bank	CD		Beg. Bal.				170,424.60	
	Premier Bank			Interest	-	0.20	-	170,424.60	
	Premier Bank			Redeem	-			170,424.60	
1/31/2021	Premier Bank	CD	4/3/2021	Purchase	-			170,424.60	
1/1/2021	Premier Bank	Checking		Beg. Bal.				8,835.50	
	Premier Bank	Fire Mitigation		Activity	-	0.00	-	8,835.50	
1/31/2021	Premier Bank			End Bal.	-			8,835.50	
1/1/2021	LAIF	Fire Mitigation		Beg. Bal.				1,310,721.91	
	LAIF			Interest		0.54	2,208.34	1,312,930.25	
1/31/2021	LAIF			Activity	-			1,312,930.25	
1/1/2021	Premier Bank	Safekeeping		Beg. Bal.				21,077.12	
				Activity	-	-	-	21,077.12	
1/31/2021	Premier Bank			End Bal.				21,077.12	\$ 1,513,267.47

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
 FOR PERIOD JULY 1, 2020 THRU JANUARY 31, 2021
 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>
1/1/2021	LAIF	Sewer Mainline		Beg. Bal.				334,444.44	
	LAIF			Interest		0.54	563.48	335,007.92	
1/31/2021	LAIF			Activity	-			335,007.92	
1/1/2021	CBB	Safekeeping		Beg. Bal				72,307.85	
				Activity	-	0.10	-	72,307.85	
1/31/2021	CBB			End Bal.				72,307.85	\$ 407,315.77

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
FOR PERIOD JULY 1, 2020 THRU JANUARY 31, 2021
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>
1/1/2021	LAIF	Water Mainline		Beg. Bal.				505,915.99	
	LAIF			Interest		0.54	852.38	506,768.37	
1/31/2021	LAIF			Activity	(53,746.00)			453,022.37	
1/1/2021	Premier Bank	CD		Beg. Bal.				576,435.48	
	Premier Bank			Activity	-	0.20	-	576,435.48	
	Premier Bank			Redeem	-			576,435.48	
1/31/2021	Premier Bank	CD	4/3/2021	Purchase	-			576,435.48	
1/1/2021	Citizens Bus	CD		Beg. Bal.				225,000.00	
	Citizens Bus			Activity	-	0.15	-	225,000.00	
	Citizens Bus			Redeem	-	n/a		225,000.00	
1/31/2021	Citizens Bus	CD	4/18/2021	Purchase	-			225,000.00	

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
 FOR PERIOD JULY 1, 2020 THRU JANUARY 31, 2021
 CASH BASIS

1/1/2021	Premier Bank	Safekeeping	Beg. Bal.				71,386.67	
	Premier Bank		Activity	-	-	-	71,386.67	
1/31/2021	Premier Bank		End Bal.				71,386.67	
1/1/2021	CBB	Safekeeping	Beg. Bal.				23,985.26	
	CBB		Activity	-	0.10	-	23,985.26	
1/31/2021	CBB		End Bal.				23,985.26	\$ 1,349,829.78

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
 FOR PERIOD JULY 1, 2020 THRU JANUARY 31, 2021
 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>
1/1/2021	Premier Bank	Checking-Gen.		Beg. Bal.				276,242.46	
	Premier Bank			Deposits	3,018,855.03	0.00	-	3,295,097.49	
1/31/2021	Premier Bank			Disbursements	(3,168,151.22)			126,946.27	
1/1/2021	Premier Bank	Checking Property Tax		Beg. Bal.				680,726.12	
	Premier Bank			Deposits	1,170,915.75	0.00	-	1,851,641.87	
1/31/2021	Premier Bank			Disbursements	(1,267,000.00)			584,641.87	
1/1/2021	Premier Bank	Checking-Sewer		Beg. Bal.				4,364.01	
	Premier Bank			Deposits	244,757.94	0.00	-	249,121.95	
1/31/2021	Premier Bank			Disbursements	(244,421.46)			4,700.49	
1/1/2021	Premier Bank	Checking-Water		Beg. Bal.				639,957.41	
	Premier Bank			Deposits	1,178,171.88	0.00	-	1,818,129.29	
1/31/2021	Premier Bank			Disbursements	(1,128,388.03)			689,741.26	

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
FOR PERIOD JULY 1, 2020 THRU JANUARY 31, 2021
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>
1/1/2021	Premier Bank	Operations		Beg. Bal				276,342.99	
	Premier Bank	Safekeeping		Deposits	-	0.00	-	276,342.99	
1/31/2021	Premier Bank			Disbursements				276,342.99	
1/1/2021	LAIF	Gen. Fund-Prop Tax		Beg. Bal				2,088,110.27	
	LAIF	Qtrly. Interest		Deposits	2,082,000.00	0.54	3,518.11	4,173,628.38	
1/31/2021	LAIF			Disbursements	-			4,173,628.38	
1/1/2021	LAIF	Water Op.		Beg. Bal				1,779,324.02	
	LAIF	Qtrly. Interest		Deposits	68,221.50	0.54	2,997.85	1,850,543.37	
1/31/2021	LAIF			Disbursements	(737,340.50)			1,113,202.87	
1/1/2021	LAIF	Sewer Op.		Beg. Bal				590,744.84	
	LAIF	Qtrly. Interest		Deposits	17,000.00	0.54	995.30	608,740.14	
1/31/2021	LAIF			Disbursements	(63,093.00)			545,647.14	\$ 7,514,851.27

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
FOR PERIOD JULY 1, 2020 THRU JANUARY 31, 2021
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>
1/1/2021	LAIF	Water Op. Reserve		Beg. Bal				4,259,510.76	
	LAIF	Qtrly. Interest		Deposits	-	0.54	7,176.53	4,266,687.29	
1/31/2021	LAIF			Disbursements	-			4,266,687.29	
1/1/2021	LAIF	Water Replacement		Beg. Bal				758,168.50	
	LAIF	Qtrly. Interest		Deposits	23,400.00	0.54	1,277.38	782,845.88	
1/31/2021	LAIF			Disbursements	(6,173.00)			776,672.88	
1/1/2021	LAIF	Wastewater Replacement		Beg. Bal.				268,454.41	
	LAIF			Interest		0.54	452.30	268,906.71	
1/31/2021	LAIF			Activity	9,093.00			277,999.71	
1/1/2021	LAIF	COP-Payback		Beg. Bal				2,919,753.41	
	LAIF	Qtrly. Interest		Deposits	156,600.00	0.54	4,919.27	3,081,272.68	
1/31/2021	LAIF			Disbursements	-			3,081,272.68	
1/1/2021	LAIF	Field/Admin Bldg.		Beg. Bal				624,957.10	
	LAIF	Qtrly Interest		Deposits	8,340.50	0.54	1,052.94	634,350.54	
1/31/2021	LAIF			Disbursements	(8,302.50)			626,048.04	
1/1/2021	LAIF	Wastewater Op. Reserve		Beg. Bal				581,757.87	
	LAIF	Qtrly. Interest		Deposits	-	0.54	980.16	582,738.03	
1/31/2021	LAIF			Disbursements	-			582,738.03	\$ 9,611,418.63

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
 FOR PERIOD JULY 1, 2020 THRU JANUARY 31, 2021
 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>
1/1/2021	U.S. Bank	COP's Refunding-Series 1998						782,201.04	
		Install Sale		52,329.20	-	0.17	0.27	782,201.31	
		Reserve-LAIF		731,026.13			0.65	1,154.02	783,355.33
1/31/2021								783,355.33	
1/1/2021	Premier Bank	Fiscal Agent-SRL MN Plant		Beg. Bal				2,532.29	
				Deposits	-	0.20	0.11	2,532.40	
1/31/2021				Disbursements	-			2,532.40	\$ 785,887.73
TOTAL CASH FUNDS									\$21,182,570.65

RCSD PORTFOLIO HOLDINGS REPORT
JANUARY 31, 2021

<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						
170,424.60	Premier	4/3/2021	\$ 170,424.60	\$ 170,424.60		0.20
576,435.48	Premier	4/3/2021	576,435.48	576,435.48		0.20
225,000.00	Citizens Business Bank	4/18/2021	225,000.00	225,000.00		0.15
Subtotals			\$ 971,860.08	\$ 971,860.08	-	
CASH EQUIVALENT & MONEY MARKET						
17,544,857.87	LAIF	-	\$17,544,857.87	\$17,544,857.87	-	0.54
593,477.37	CHECK-PPBI-Fire- Prop tax		593,477.37	593,477.37	-	-
465,099.89	SAFEKEEPING		465,099.89	465,099.89	-	-
Subtotals			18,603,435.13	18,603,435.13	-	
GRAND TOTALS			\$19,575,295.21	\$19,575,295.21	-	

RCSD Investment Portfolio
January 31, 2021

Maturity

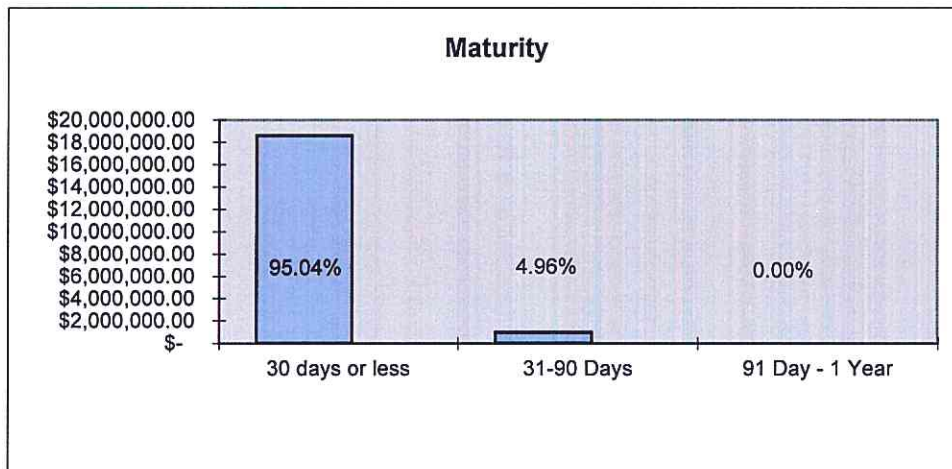
30 days or less
31-90 Days
91 Day - 1 Year

Total

Assets

\$ 18,603,435.13
971,860.08
-

\$ 19,575,295.21



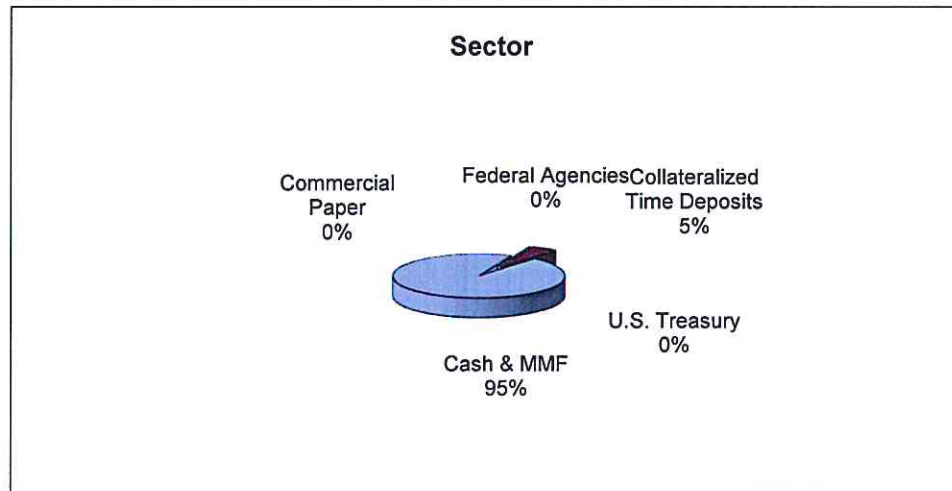
Sector

Cash & MMF
U.S. Treasury
Federal Agencies
Commercial Paper
Collateralized Time Deposits

Total

\$ 18,603,435.13
-
-
-
971,860.08

\$ 19,575,295.21



11. CONSIDER AWARD OF CONTRACT TO CONSTRUCT FOUNDATION AND
PLACE VESSELS FOR WELL NO. 6 GAC TREATMENT:

DM 2021-10

Rubidoux Community Services District

Board of Directors

John Skerbelis
Hank Trueba Jr
Armando Muniz
Bernard Murphy
F. Forest Trowbridge

General Manager

Jeffrey D. Sims



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

DIRECTORS MEMORANDUM 2021-10

February 18, 2021

To: Rubidoux Community Services District
 Board of Directors

Subject: Award Contract to Construct Foundation and Place Vessels for Well No. 6 GAC Treatment

BACKGROUND:

As the Board of Directors may recall, Rubidoux Community Services District ("District") needs to add Granulated Activated Carbon ("GAC") filtration treatment to meet lower Notification Limit ("NL") and Response Limit ("RL") for PFAS contaminants established by California State Water Quality Resources Control Board Department of Drinking Water ("DDW"). Two components of PFAS contaminants are PFOA and PFOS. The new NL and RL are 5.1 ppt and 10 ppt for PFOA, and are 6.5 ppt and 40 ppt for PFOS, respectively. Conducted testing and laboratory results indicate all District potable wells are at or just above these limits. DDW has issued the District and Order requiring quarterly sampling and if the annual average exceeds the lowered limits, the District will need to notify its customers they are being served water with contaminants above the limits set by DDW. The annual average reporting occurs in 4th quarter of Calendar Year 2021. To be below the limits, treatment systems are being added at all District potable wells.

The District has added treatment for Well 4 by using GAC with two Pressure Vessels ("PV's") in parallel (Q = 1100 gpm). Additionally, treatment for Well 2 is done with two GAC PV's in parallel (Q = 900 gpm). The District is also in the process of developing an Ion Exchange ("IX") system in series to treat water produced from Wells 1A, 8 and 18 (Q = 4900 gpm). The last well is Well 6. The District's Board has previously authorized purchase of three refurbished PV's to treat water produced at Well 6 (Q = 2200gpm). These PV's are currently being refurbished and will soon be ready to ship to the District.

To proceed with installation of these PV's at Well 6 the District hired TKE Engineering to prepare bidding documents for the installation work. This work consists of a concrete foundation to support the PV's and all associated piping to connect the wells to the PV's for treatment and connection back to the District's water

distribution system. The District advertised the project following the public bid process and bid opening was February 8, 2021.

The District received 4 bids with the lowest responsible bid received from Atom Engineering Construction, Incorporated in the amount of \$96,398. Staff requested and the Board approved appropriations for a portion of this work in Director’s Memorandum 2020-57. In DM 2020-57 the Board authorized funds for the Crane Rental with Operator (to place the PVs in place) and the Concrete Foundation and Tank Anchorage plus the proportionate part of the contingency. This totaled \$53,754. Not requested in DM 2020-57 were additional items such as preparing and implementing a Water Pollution Control Plan required by the NPDES, Bid Bonds, protection of nearby utilities, or disposal of spoils and asphalt removed to place the concrete pad. The Contractor’s Bid is \$96,398 or \$42,644 more than previously approved for this work in DM 202-57. In addition to provide for potential change orders, staff recommends a 10% Contingency beyond what the Contractor has bid, or \$9,640 resulting in a total of an additional \$52,283 required to complete this work.

As part of the District’s overall PFAS mitigation efforts, staff in DM 2020-62 requested funds for Converse Consultants to prepare a Geotechnical Investigation and provide Construction Testing and Inspection for the recently awarded Ion Exchange PFAS Removal Project at Mn Plant #2. It was later determined Hazen and Sawyer, the lead consulting engineering firm on the IX PFAS Removal Project, had already included the cost of the required Geotechnical Investigation from Converse Consultants for the Well No. 6 concrete pad. The value of that work already included in the IX PFAS Removal Project is \$13,875 and can be reallocated for this work. It is proposed to re-allocate these funds to Construct the Foundation and Place Vessels for Well No. 6 GAC Treatment. Both allocations for these projects are from the Water Capital Improvement Projects (CIP) Fund. Total additional funds needed results in a net amount of \$38,409 and summarized below:

Low Bid for Well No. 6 Concrete Pad	\$ 96,398
10% Contingency	\$ 9,640
Total	<u>\$106,038</u>
Reallocate approvals from DM 2020-57	<\$53,754>
Reallocate approvals from DM 2020-62	<\$13,875>
Net Budget Amendment Required	<u>\$ 38,409</u>

RECOMMENDATION

Staff recommends the Board of Directors approve the General Manager to:

1. Amend the FY 2020/21 Budget by moving the GAC Pressure Vessel Installation Project funding of \$38,409 from Water Fund Reserves to the Water Capital Improvement Projects (CIP) Fund.
2. Re-allocate funds from the previously approved professional services contract with Converse Consultants for the Ion Exchange Project to the Well 6 Project in the amount of \$13,875.

3. Approve a contract with Atom Engineering Construction in the amount of \$96,398 to perform work per attached bid using the Water Capital Improvement (CIP) Fund.

Respectfully,



JEFFREY D. SIMS, P.E.
General Manager

Attach:

Director's Memorandum 2020-57
Director's Memorandum 2020-62
Bid from Atom Engineering.

Rubidoux Community Services District

Board of Directors

Hank Trueba Jr
Armando Muniz
Bernard Murphy
John Skerbelis
F. Forest Trowbridge

General Manager

Jeffrey D. Sims



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

DIRECTORS MEMORANDUM 2020-57

August 6, 2020

To: Rubidoux Community Services District
 Board of Directors

Subject: Engineering Services Support for and Installation of Granular Activated Carbon Vessels at Well 6

BACKGROUND:

Rubidoux Community Services District (District) needs to add Granulated Activated Carbon filtration and treatment to meet lower Notification Limit (NL) and Response Limit (RL) for PFAS contaminants established by California State Water Quality Resources Control Board Department of Drinking Water (DDW). Two components of PFAS contaminants are PFOA and PFOS. The new NL and RL are 5.1 ppt and 10 ppt for PFOA, and are 6.5 ppt and 40 ppt for PFOS, respectively. Conducted testing and laboratory results indicate all wells in the District are at or above these limits. Absent treatment the District will need to notify its customers they are being served water with contaminants above the limits set by DDW.

The District has already added treatment for Well 4 by using Granular Activated Carbon (GAC) with two Pressure Vessels (PV's) in parallel (Q = 1100 gpm). Additionally, treatment for Well 2 is done with two GAC PV's in parallel (Q = 900 gpm). The District is also in process of developing an Ion Exchange (IX) system in series to treat water produced from Wells 1A, 8 and 18 (Q = 4900 gpm). The last well is Well 6. The District's Board has previously authorized purchased of three refurbished PV's to treat water at Well 6 (Q = 2200gpm). These PV's are currently being refurbished and will soon be ready to ship to the District.

To proceed with installation of these PV's at Well 6 the next step is to prepare bidding documents to hire a contractor to do the installation work. This work consists of a foundation to support the PV's and all associated piping to connect the wells to the GAC PV's for treatment and connection back to the District's water distribution system. TKE Engineering Consultants has provided the District the attached scope of work and proposal for the design work. The scope of work includes meetings, site investigation, preparation of the bidding documents and assisting staff with advertising, bidding, and evaluation of bids. The estimated project cost for the installation of the GAC PV's at Well 6 is estimated as follows:

Well 6 GAC Vessel Installation

	Unit	Quantity	Item Cost	
TKE Engineering Support Services	Lump Sum	1	\$ 10,465.00	\$ 10,465.00
Crane Rental with Operator	Days	2	\$ 7,500.00	\$ 15,000.00
RCSD Crew (4 Persons @ 5 Days)	Hours	160	\$ 100.00	\$ 16,000.00
Service Trucks, Backhoe, etc	Lump Sum	1	\$ 5,000.00	\$ 5,000.00
Piping, Elbows and Fittings	Lump Sum	1	\$ 15,000.00	\$ 15,000.00
Welder	Hours	40	\$ 250.00	\$ 10,000.00
Concrete Foundation & Tank Anchorage	Lump Sum	1	\$ 31,743.00	\$ 31,743.00
Engineering Staff Time	Hours	20	\$ 250.00	\$ 5,000.00
GAC	Per Vessel	3	\$ 40,000.00	\$ 120,000.00
Subtotal				\$ 228,208.00
Contingency	Percent	15%		\$ 34,232.00
Total				\$ 262,440.00

The addition of treatment for PFOA and PFOS at all District wells provides the District with supply redundancy and flexibility in meeting customer demands. An ancillary goal is to have sufficient supply to be able to reinstate water sales to Jurupa Community Services District.

RECOMMENDATION

Staff recommends the Board of Directors approve the General Manager to:

1. Amend the FY 2020/21 Budget by moving the GAC PV Installation Project funding of \$262,440.00 from Water Fund Reserves to the Water Capital Improvement Projects (CIP) Fund.
2. Approve a contract with TKE Engineering in the amount of \$10,465.00 to perform work per attached proposal using the Water Capital Improvement (CIP) Fund.

Respectfully,



JEFFREY D. SIMS, P.E.
General Manager

Attach:

TKE Engineering Proposal dated July 24, 2020



T K E E N G I N E E R I N G , I N C .

July 29, 2020

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

Subject: Anita B. Smith Treatment Facility Vessel Installation

Dear Mr. Beckwith:

Thank you for the opportunity to submit a proposal to provide professional engineering services to Rubidoux Community Services District (RCSD) to prepare construction documents for the installation of 3 treatment vessels at the Anita B. Smith facility. RCSD has provided manufacturer details for the desired treatment vessels to be installed and requires design for onsite mechanical piping, foundations, anchoring and connections to existing water system and wastewater system for waste discharge.

TKE Engineering, Inc. (TKE) will provide the following services:

Task No. 1 – Project Meetings and Coordination

TKE will attend preliminary site review meeting with RCSD staff and provide coordination with RCSD throughout the course of providing engineering services to ensure that the conceptual design and design documents are progressing in accordance with RCSD requirements.

Task No. 2 – Site Investigation

TKE will perform a site survey to identify existing improvements within the project area, exact dimensions and pipeline heights, locations of surrounding facilities, and existing utilities required to be protected in place, adjusted or relocated for construction of the proposed improvements. The investigation will provide locations of all improvements horizontally and vertically which can be depicted on an overall site and mechanical drawings.

Task No. 3 – Construction Plan Preparation

TKE will prepare a demolition plan, site plan, and mechanical piping plan depicting existing site amenities to be removed, relocated and/or protected in place as well as proposed filtration vessel locations, mechanical piping layouts, vessel foundations and anchoring, connection to the existing system piping and connection

to the sewer system for waste discharge. Appropriate callouts and dimensions will be provided in accordance with RCSD requirements.

Task No. 4 – Structural Details and Calculations

TKE and our project team will prepare structural plans, calculations and details required to construct the vessel foundations and provide adequate anchoring. The calculations will include analysis of for sloshing in accordance with AWWA requirements.

Task No. 5 Assistance During Bidding

TKE will assist RCSD during project bidding. We will review RFI's and RFC's (including written clarification requests and change-in-plan drawings) regarding the contract documents in order to ensure that clarification responses are provided to all prospective bidders. We will answer questions about or provide clarifications of the contract documents as requested by RCSD and will prepare addenda if necessary. For this task, TKE has assumed a total of 4 hours will be required.

Task No. 6 Assistance During Construction

TKE will provide ongoing construction assistance to RCSD throughout the construction process. If requested, TKE will develop a list of all required material submittals and compare the list to the Contractors submittals and review all project submittals. Each submittal shall be reviewed with RCSD staff as required to verify compliance. We will maintain a project log which will include descriptions of submittals, submittal status, date received, and date returned. Once the submittals have been reviewed and accepted, they will be signed, dated, and sent to the Construction Inspector, RCSD staff, project Contractor and the file. Submittals will be returned within the time frame specified by the Contract Documents.

We will visit the construction site to review construction progress, assist with response to change order claims and review and respond to RFI's and RFC's (including written clarification requests and change-in-plan drawings) regarding the contract documents in order to ensure that the improvements are constructed in compliance with the construction documents. We will provide said responses as required to minimize delays in construction. All RFI's and RFC's will be logged, including content of inquiry and date relayed and date of response.

Regarding RFC's, we will review any change order request received to determine if said request is warranted. If the change order request is not warranted, we will inform RCSD staff so it can be rejected in writing. If the change order request appears justified, we will review it with the Construction Inspector and compare it with field reports for confirmation of materials, equipment and/or labor involved and we will review with RCSD staff for preparing and processing the contract change order. For this task, TKE has assumed a total of 12 hours will be required.

Fee

Total budget for the design services described above is shown below:

1.	Project Meetings and Coordination	\$	900.00
2.	Site Investigation	\$	575.00
3.	Construction Plan Preparation	\$	3,500.00
4.	Structural Details and Calculations	\$	3,090.00
5.	Assistance During Bidding	\$	600.00
6.	Assistance During Construction	\$	<u>1,800.00</u>
	Total:		\$ 10,465.00

Again, thank you for the opportunity to provide this proposal. If you have any questions or require additional information, please advise.

Sincerely,



Terry Renner, P.E., Q.S.D.
Senior Vice President
TKE Engineering, Inc.

Rubidoux Community Services District

Board of Directors
Hank Trueba Jr
Armando Muniz
Bernard Murphy
John Skerbelis
F. Forest Trowbridge

General Manager
Jeffrey D. Sims



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

DIRECTORS MEMORANDUM 2020-62

August 20, 2020

To: Rubidoux Community Services District
 Board of Directors

Subject: Geotechnical Investigations and Construction Testing for Leland Thompson Ion Exchange Project

BACKGROUND:

Rubidoux Community Services District (District) needs to add treatment at Wells 1A, 8, and 18 located at its Leland Thompson Water Treatment Facility (Leland Plant) to meet lower Notification Limit (NL) and Response Limit (RL) for PFAS contaminants established by California State Water Quality Resources Control Board Department of Drinking Water (DDW). Two components of PFAS contaminants are PFOA and PFOS. The new NL and RL are 5.1 ppt and 10 ppt for PFOA, and are 6.5 ppt and 40 ppt for PFOS, respectively. DDW has provided the District a Notice of Intent indicating the District will be issued an Order outlining certain mandatory monitoring and reporting for PFOA and PFOS. It is anticipated the Order will include a requirement of quarterly sampling and reporting the annual average of the four quarters of sampling for PFOA and PFOS. The Order is anticipated to be issued during the 4th Quarter of Calendar Year 2020, with sampling throughout Calendar Year 2021.

The District has conducted testing for PFOA and PFOS on its wells in anticipation of the Order, and results indicate all wells in the District are at or above these limits. Absent treatment the District will not be able to meet the lowered limits. The addition of treatment for PFOA and PFOS at all District wells will provide the District with the ability to meet the lowered limits and have supply redundancy and flexibility to meet customer demands. An ancillary goal is to have sufficient supply to be able sell water to Jurupa Community Services District.

The District is far along in process on the final design for the addition of an Ion Exchange Treatment System at the Leland Plant to meet the new standards for Wells 1A, 8 and 18. Hazen and Sawyer is the District's engineering firm doing the design for the treatment process and necessary yard piping, additional equipment and electrical improvements.

The Leland Plant site is in an area known to exhibit liquefaction problems due to the water table being at only 25 feet BGS and having loosely packed, water-logged sediments at or near the ground surface which lose their strength in response to strong ground shaking. Liquefaction occurring beneath buildings and other structures can cause major damage during earthquakes. This is a concern in design of the foundation and support of other structures at the site in addition to having adequate data to design the facilities for daily operational loading. Hazen and Sawyer recommend the District obtain geotechnical data.

Having valid, accurate and current geotechnical data as a basis for design of the structures and foundations will allow the District to provide the most appropriate foundation and structure for resisting loads induced by the weight of the structure and by seismic forces. For this reason, the District needs to obtain the services of a geotechnical engineer.

To ensure construction meets the requirements of the plans and specifications an adequate testing program during construction to evaluate soil bearing capacity, concrete strength and vessel anchor resistance is needed. For this reason, the District needs to have field oversight, inspection, and laboratory testing during construction.

Staff contacted Converse Consultants regarding the project and Converse Consultants has provided a scope of work and fee proposal to provide the necessary pre-design soils work, and inspection and testing during construction. The cost of this work will be included in the overall PFAS Treatment effort.

RECOMMENDATION

Staff recommends the Board of Directors approve the General Manager to:

1. Amend the FY 2020/21 Budget by moving the Ion Exchange Installation Project funding of \$29,600.00 from Water Fund Reserves to the Water Capital Improvement Projects (CIP) Fund.
2. Approve a contract with Converse Consultants in the amount of \$29,600.00 to perform geotechnical investigation work, inspection and laboratory testing per the attached proposal using the Water Capital Improvement (CIP) Fund.

Respectfully,



JEFFREY D. SIMS, P.E.
General Manager

Attach:

Converse Consultants Proposal dated August 12, 2020



Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

August 12, 2020

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

Subject: **PROPOSAL TO PREPARE A GEOTECHNICAL INVESTIGATION REPORT AND PROVIDE AS-NEEDED SOILS AND MATERIAL TESTING SERVICES DURING CONSTRUCTION**
Leland Water Treatment Facility
350 Feet East of the Intersection of Daly Avenue and 34th Street
City of Jurupa Valley, Riverside County, California
Converse Project No. 20-81-220-00 (01-30/40)

Dear Mr. Beckwith:

Converse Consultants (Converse) appreciates the opportunity to submit this proposal outlining our scope and fee estimate to prepare a geotechnical investigation report to support the design phase of the subject project. Also included is our scope and cost estimate to provide as-needed soils and material testing services during construction.

Our proposal is based on the following.

- Review of the information you transmitted to us via email on August 11, 2020.
- Discussion with you over the phone.

SITE.PROJECT DESCRIPTION

The Leland Water Treatment Facility is located 350 east of the intersection of Daly Avenue and 34th Street in the City of Jurupa Valley, Riverside County, California. The proposed improvement will be located within the existing treatment facility.

The project will consist of the following.

- An Iron and Manganese (FE/MN) removal filters
- Equipment building
- Backwash waste tank
- Recycle water pump station
- Waste filtrate transfer pump station
- Filtration plant effluent piping
- Internal piping
- Asphalt concrete paved driveways

SCOPE OF WORK DURING DESIGN

Our scope of work will consist of the following tasks.

Task 1: Existing Document Review

Converse will review any pertinent existing report(s) prepared for the project. Besides the existing report(s), we will review geohazard and groundwater data/maps to evaluate any impact on the design and construction of the proposed project.

Task 2: Project Set-up

As part of the project set-up, our staff will conduct the following.

- Mark the boring locations on the drawing provided and submit for your review and approval.
- Conduct a site reconnaissance and stake/mark the boring locations. **Since the site has existing underground utilities, a representative from the District familiar with the site condition MUST clear the boring locations from conflict with existing underground utilities. Converse will Not be liable for damage to any underground utilities.**
- Notify Underground Service Alert (USA) at least 48 hours prior to drilling to clear the boring location locations of any conflict with existing underground utilities.

Task 3: Subsurface Exploration

Our surface investigation will include drilling 3 exploratory borings within the project area. Two borings will be drilled to 50 feet and 2 to 15 feet below existing ground surface. If refusal is encountered before the plan depth is reached the boring will be terminated at that depth.

The purpose of the boring will be:

- To verify the depth of bedrock/groundwater, if encountered
- To collect undisturbed and bulk samples of the various soil types for laboratory testing.

The boring will be drilled with a truck mounted rig (CME 75 or equivalent) equipped with 8-inch diameter hollow stem augers for soils sampling. Soils will be continuously logged and classified by the geologist/engineer in the field by visual examination in accordance with the Unified Soil Classification System.

Undisturbed ring samples of the subsurface materials will be obtained at 5-foot intervals, at changes in soil profiles, or where unusual conditions are encountered. The relatively undisturbed ring samples will be obtained using a Modified California Sampler (2.4-inch inside diameter and 3.0-inch outside diameter) lined with thin-walled sample rings. The sampler will be driven into the bottom of the borehole with successive drops of a 140-pound hammer falling 30 inches. The number of successive drops of the driving weight ("blows") required for each 6 inches of penetration will be shown on the boring log. The soil will be retained in brass rings (2.4 inches in diameter and 1.0 inch in height) and carefully sealed in waterproof plastic containers for shipment to the laboratory. Bulk samples of representative soil types will be collected in plastic bags. Groundwater levels, where encountered in the borings, will be recorded.



Standard Penetration will be conducted in the 50 feet deep borings starting at 20 feet below existing ground surface. Data from the SPT will be utilized to evaluate the liquefaction potential and estimate soils engineering parameters.

The borings will be backfilled with soils cuttings and compacted by pushing down with augers using the drill rig weight. Where asphalt concrete is penetrated, the surface will be patched with cold mixed asphalt concrete. If construction is delayed the surface may settle over time. We recommend the owner monitor the boring locations and backfill any settlement or depression that might occur, or provide protection around the area of the boring locations to prevent trip and fall injuries from occurring near the area of any potential settlement.

Task 4: Laboratory Testing

Soil samples obtained during exploratory drilling will be tested in our laboratory to evaluate their physical characteristics and engineering properties. Laboratory testing may include, but will not necessarily be limited to, the following.

- In-place moisture and density.
- Collapse.
- R-value
- Expansion index.
- Soils corrosivity.
- Sieve analysis.
- Laboratory maximum density.
- Direct shear.

Task 5: Geotechnical Design Report (GDR)

A GDR will be prepared to provide geotechnical design and construction recommendations for the entire project. The content of the report is presented below.

- Site description
- Project description.
- A description of the field procedures used in the investigation.
- A description of subsurface conditions including a documentation of the borings and sampling locations.
- Depth to groundwater and the necessity for dewatering during construction (dewatering quality, if needed, will be a separate task not included in this proposal).
- Discussion on the laboratory test results.
- Geology and faulting at the site.
- Seismic coefficients based on 2019 California Building Code.
- Evaluation of liquefaction potential and other secondary effects of earthquakes.
- Allowable soils pressures.
- Allowable lateral earth pressures.
- Suitability of existing soil for use as a backfill.
- Site grading recommendation.
- Fill placement recommendations.
- Soils parameters for pipe design
- Pipe bedding recommendations.
- Temporary slope excavation recommendations.



- Trench backfill recommendations.
- Driveway asphalt concrete structural section.

SCHEDULE/DELIVERABLES

We will initiate our scope of work within one week when notice to proceed is issued. The field exploration will depend on driller availability, weather, and other factors beyond Converse's control. One day will be required to complete the fieldwork

One electronic (pdf) and 2 hard copies of the GDR will be submitted within 3 weeks after field work is completed. The report will be (wet signed and stamped by a licensed geotechnical engineer and engineering geologist licensed in the State of California).

FEE ESTIMATE

Our consulting services will be provided in accordance with the *Schedule of Fees and General Conditions*, copies of which are attached and form a part of this proposal. Our fee estimate for the project is presented below.

Task No. and Description	Cost
Task 1: Existing Document Review	\$270.00
Task 2: Project Set-up	\$1,000.00
Task 3: Subsurface Exploration	\$1,250.00
Task 4: Laboratory Testing	\$2,330.00
Task 5: Geotechnical Design Report (GDR)	\$5,425.00
Permit Fees	\$0.00
Drill Rig Services (non-prevailing wage)	\$3,600.00
Total Cost:	\$13,875.00

Our cost is based on the following assumptions.

- All fieldwork will be done in one mobilization during normal weekday working hours.
- Access to the site will be available during normal weekday working hours at no additional cost to us.
- No permit will be required to drill the site.
- Borings will be backfilled with soils cutting and the surface patched with asphalt concrete. **If special backfill is required, we will submit a change order for the additional cost.**
- Traffic control will NOT be required.
- A final GDR will be prepared.
- We understand that this project is not subject to prevailing wage as defined in Labor Code Sections 1770-1780.

The cost estimate and scope of services does not include groundwater study, environmental study of soil and groundwater, and any inspection and/or testing services during construction. We will submit our invoices monthly in accordance with the attached *Schedule of Fees and General Conditions*.



SCOPE OF WORK AND COST ESTIMATE DURING CONSTRUCTION

Field Costs

Type of Service	Unit	Total Units	Unit Rate	Total
Attend one pre-construction meeting	Hour	4	\$125.00	\$500.00
Soils technician to provide on-call services to take in-place density of compacted soils, aggregate base and asphalt concrete. Check quality of fresh concrete and make concrete cylinders. Pull test of Anchors (16 trips @5hr/trip)	Hour	80	\$125.00	10,000.00
Sample pick-up	Trip	10	\$70.00	\$700.00
Field Cost Total				\$11,200.00

Laboratory Costs

Type of Test	Unit	Total Units	Unit Rate	Total
Modified Proctor on Soils and Aggregate Base	Test	2	\$160.00	\$360.00
Expansion Index	Test	2	\$110.00	\$220.00
Compressive Strength of Concrete	Cylinders	12	\$35.00	\$420.00
Hveem/Marshall	Test	1	\$225.00	\$225.00
Laboratory Cost Total				\$1,225.00

Office Costs

Type of Service	Unit	Total Units	Unit Rate	Total
Attend 1 project kick-off meeting	Hour	4	\$125.00	\$500.00
Compaction Report	Lump Sum	1	\$1,200.00	\$1,200.00
Project Management	Hour	8	\$125.00	\$1,000.00
Support Staff	Hour	8	\$75.00	\$600.00
Office Cost Total				\$3,300.00



Cost Summary

Total Costs	
Field Costs	\$11,200.00
Laboratory Costs	\$1,225.00
Office Costs	\$3,300.00
Total Cost	\$15,725.00

COST ESTIMATE

Our cost estimate is based on the following assumptions.

- For on-call services, all test locations should be ready prior to arrival of the Converse field representative on site. Stand-by time will be charged at \$125/hour.
- Minimum 4 hours charge for each visit less than 4 hours. Beyond 4 hours we will charge for the hours worked.
- If work is cancelled after our field representation has been dispatched, we will charge 2 hours
- If Converse is at the site more than 8 hours, overtime for field technicians will be charged at 1.5 times the regular hourly rate.
- Holiday rates will be 2 times the regular rates.
- No services will be provided prior to our signature of an agreement with you. No additional work required will be provided without written authorization and a budget amendment from your authorized representative.
- The Converse field representative will not direct, supervise, or lay out the work of the contractor.
- Services provided by Converse will not include a review or evaluation of the contractor's safety measures on or near the project.
- Testing services outlined in this proposal will be performed at the request of your authorized representative.
- Any services outside the agreed scope of work will be charged in accordance with our attached 2020 Schedule of Fees.

It is understood by both contracting parties that this project is subject to prevailing wage as defined in Labor Code Sections 1770-1780.

CLOSURE

During this work, we will carry insurance as required by the contract. Our findings and recommendations will be prepared in accordance with generally accepted professional engineering and engineering geological principles and practice in this area of Southern California. Unless we hear differently, we will assume that these conditions are acceptable to you.

This proposal will expire 60 days from its issuance, if not accepted in that time. Our billing rates are reviewed at the beginning of each year and are subject to adjustment.

Please sign 2 copies of the Authorization and Agreement Block at the end of this proposal. Retain one copy of this proposal for your files and return one signed copy to this office to formally authorize our services.



Special billing instructions, including backup documentation requirements, should be mutually agreed upon and indicated in the authorization. Subsequent additions or changes should be likewise mutually agreed upon and submitted in writing with appropriate authorization.

If you should have any questions, or if we can provide any additional assistance, please call the undersigned at 909-796-0544. We thank you for the opportunity to assist on this important project.

CONVERSE CONSULTANTS



Hashmi Quazi, PhD, PE, GE
Principal Engineer/Regional Manager

Encl: *Schedule of Fees and General Conditions*
Dist: 1/Addressee (e-mail)
HSQ/kvg



ATOM BID DUG'S

7. **Certified Worker Craft and Classification**

Bidder hereby states that the bid proposal has been based on the worker craft and classification set forth below and the Work will be performed by personnel within these classifications unless Bidder specifically requests change in writing and Owner approves same in writing.

Work*	Craft	Classification
Examples:		
Steel Tank Work	Operating Engineer	Group B-Crane Operator
Electrical Work	Electrician	Cable Splicer
Plant Work	Roofer	Helper
a. <u>Demo</u>	<u>Operator</u>	<u>group 8</u>
b. <u>Rebar</u>	<u>Ironworker</u>	
c. <u>Concrete</u>	<u>Cement Finisher</u>	
d. _____	_____	_____
e. _____	_____	_____
f. _____	_____	_____
g. _____	_____	_____
h. _____	_____	_____
i. _____	_____	_____
j. _____	_____	_____
k. _____	_____	_____
l. _____	_____	_____
m. _____	_____	_____

* Designate Type of Work, i.e. Earthwork, Concrete Work, Electrical Work, Mechanical Work, Pump Work, Plant Work, Tank Work, Fencing, Painting, Piping

5. **Contract Completion Schedule**

a. Completion Date

The Completion Date is and shall be based on Owner making award at its regular Board Meeting, scheduled for Thursday, February 18, 2021. Contractor will be advised of award, if made, immediately following said meeting (telephone conversation with letter confirmation). The Completion Date will be adjusted accordingly if award is made at a later date. Completion Date is Monday, March 22, 2021 (32 Calendar days from Award). Contract time includes time for contract preparation, contract execution, notice to proceed, submittal preparation and review, materials procurement and construction.

b. Liquidated Damages

Contractor is advised that "Liquidated Damages" of \$500.00 per calendar day may be assessed for each calendar day that the Work remains incomplete following the specified Completion Date, as adjusted for due cause by Change Order.

4. Bid Schedule

The undersigned hereby proposes to furnish all labor, materials, equipment and methods necessary for constructing all Work specified, all in strict accordance with these Contract Documents, at the bid prices and the Completion Date set forth hereafter. The undersigned also acknowledges that all bid prices include sales tax and all other applicable taxes and fees.

**BASE BID SCHEDULE
FOR THE ANITA B. SMITH VESSEL FOUNDATION PROJECT**

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
101	Contract bonds, insurance, permits, project management, mobilization of equipment, materials, and labor prior to starting the Work, and demobilizing after completing all Contract Work. (Payment: 60% Mob & 40% Demob)	1	L.S.	N/A	\$ <u>5998⁰⁰</u>
102	Prepare and implement Water Pollution Control Plan.	1	L.S.	N/A	\$ <u>8000⁰⁰</u>
103	Furnish all labor, materials, and equipment for protection of all existing utility crossings per the plans and specifications.	1	L.S.	N/A	\$ <u>12,000⁰⁰</u>
104	Furnish all labor, materials and equipment for clearing, grubbing and grading to remove all existing asphalt concrete pavement, PCC pavement or any other interfering improvements and/or objects necessary to prepare the site for construction of the proposed foundations per the plans and specifications.	1	L.S.	N/A	\$ <u>19,000⁰⁰</u>
105	Furnish all labor, materials and equipment to construct vessel foundations, in place, including but not limited to site preparation, form work, PCC concrete, and reinforcing steel per the plans and specifications.	1	L.S.	N/A	\$ <u>40,000⁰⁰</u>
106	Furnish all labor, materials and equipment to offload and place 3 vessels on constructed foundation per the plans and specifications.	1	L.S.	N/A	\$ <u>8000⁰⁰</u>
107	Furnish all labor, materials and equipment to install foundation anchor bolts to anchor the vessels to the concrete foundation per the plans and specifications.	1	L.S.	N/A	\$ <u>3400⁰⁰</u>

2. **Statement of Experience*** (Continued)

e. Bidder's Principals and Key Personnel (use reverse side if necessary)

If Bidder (Contractor) has less than 5 years experience in the type of work specified, it shall list the work experience for principals and key personnel to demonstrate that Bidder (Contractor) has sufficient work experience to warrant consideration for award; Owner will determine whether Bidder (Contractor) has sufficient work experience to meet the 5 years work experience requirement.

1) Name: See attachment "B"
Address: _____

Type of Work: _____ Years of Experience: _____

Capacity (Title): _____

2) Name: _____

Address: _____

Type of Work: _____ Years of Experience: _____

Capacity (Title): _____

f. Subbidder's Principals and Key Personnel (use reverse side if necessary)

If any subbidder (subcontractor) has less than 5 years experience in the type of work indicated, it shall list the work experience for principals and key personnel to demonstrate that subbidder (subcontractor) has sufficient work experience to warrant consideration for award; Owner will determine whether subbidder (subcontractor) has sufficient work experience to meet the 5 years work experience requirement.

1) Name: _____

Address: _____

Type of Work: _____ Ycars of Experience: _____

Capacity (Title): _____

2) Name: _____

Address: _____

Type of Work: _____ Years of Experience: _____

Capacity (Title): _____

2. **Statement of Experience*** (Continued)

d. Subbidder Projects (use reverse side if necessary)

Bidder (Contractor) shall furnish work record for subbidder (subcontractor) listing at least two projects each that the subbidders have completed within the past three (3) years. responses shall be full and explicit.

1) Subcontractor: _____

Contract Amount: _____ Date Completed: _____

Type of Work: _____

Owner (Name, Address, & Phone): _____

Engineer (Name, Address, & Phone): _____

Person in Charge of Project (Name & Phone): _____

2) Subcontractor: _____

Contract Amount: _____ Date Completed: _____

Type of Work: _____

Owner (Name, Address, & Phone): _____

Engineer (Name, Address, & Phone): _____

Person in Charge of Project (Name & Phone): _____

3) Subcontractor: _____

Contract Amount: _____ Date Completed: _____

Type of Work: _____

Owner (Name, Address, & Phone): _____

Engineer (Name, Address, & Phone): _____

Person in Charge of Project (Name & Phone): _____

2. **Statement of Experience***

a. Bidder

Each Bidder (Contractor) shall list, in addition to name and address, the type of work in which it is qualified, and its years of experience in that type of work.

Name: ATOM Engineering Construction, Inc

Address: 40410 Vista Road Hemet CA 92544

Type of Work: Specializing in wet & dry utilities as well as mechanical.

Years of Experience: 11

If Bidder (Contractor) has less than 5 years experience, Bidder (Contractor) shall complete Section e, listing the work experience for principals and key personnel.

b. Subbidders

Each Bidder (Contractor) shall list the name and address of each subbidder (subcontractor) who will perform work in excess of one-half of one percent of the total bid. State the subbidders and the work to be performed by each. Only one subbidder shall be listed for each specific portion of the Work. Bidders are advised that the Owner is disposed to favor proposals which list only reputable and experienced subbidders. If subbidder (subcontractor) has less than 5 years experience, subbidder shall complete Section f, listing the work experience for principals and key personnel.

1) Name: _____

Address: _____

Contractor License No.: _____ Class: _____

Type of Work: _____ Years of Experience: _____

2) Name: _____

Address: _____

Contractor License No.: _____ Class: _____

Type of Work: _____ Years of Experience: _____

3) Name: _____

Address: _____

Contractor License No.: _____ Class: _____

Type of Work: _____ Years of Experience: _____

4) Name: _____

Address: _____

12. DIRECTORS COMMENTS - NON-ACTION

13. ADJOURNMENT