

# Rubidoux Community Services District

## Board of Directors

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

## General Manager

Steven W. Appel



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

## NOTICE AND AGENDA FOR THE RUBIDOUX COMMUNITY SERVICES DISTRICT BOARD MEETING Thursday, March 19, 2020 at 4:00 PM

**Note: Board Meeting may be accessed via audio conference at (425) 436-6338, access code: 864332. Public access area remains the same.**

1. Call to Order – Armando Muniz, President
2. Pledge of Allegiance
3. Roll Call
4. Approval of Minutes for the March 5, 2020, Regular Meeting.
5. Consideration to Approve March 20, 2020, Salaries, Expenses and Transfers
6. Acknowledgements - Members of the Public May Address the Board at this Time on Any Non-agenda Matter.
7. Correspondence and Related Information
8. Manager's Report (Second Meeting each Month):
  - a) Operations Report
  - b) Emergency and Incident Report

**ACTION ITEMS:**

9. Memorandum of Understanding with Jurupa Community Services District Regarding Cooperative Water Supply Alternatives: **DM 2020- 14**
10. Notice of Completion for the Raye Street Portion of the Avalon – SR 60 Sewer Main Improvement Project: **DM 2020-15**
11. Engineering Services for Rehabilitation of Well No. 18: **DM 2020-16**
12. Receive and File Statement of Cash Asset Report for all District Funds Ending February 2020: **DM 2020-17**
13. Receive and File the Budget to Actual Report for the Six Months Ended December 31, 2019: **DM 2020-18**
14. **CLOSED EXECUTIVE SESSION** – Pursuant to Government Code Section 54956.9: Legal Counsel Status on Litigation Case No. CIVDS 1310520, City of Riverside vs. Rubidoux Community Services District
15. Directors Comments - Non-action
16. 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 MARCH 5, 2020, REGULAR  
MEETING

**MINUTES OF REGULAR MEETING**  
**March 5, 2020**  
**RUBIDOUX COMMUNITY SERVICES DISTRICT**

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

**DIRECTORS ABSENT:**

**STAFF PRESENT:** Jeffrey Sims, Asst. General Manager/District Engineer  
Brian Laddusaw, Director of Finance  
Brian Jennings, Manager Budgeting & Accounting  
Miguel Valdez – Operations Manager

Call to order: the meeting of the Board of Directors of the Rubidoux Community Services District by President Muniz, at 4:00 P.M., Thursday, March 5, 2020, at the District Office, 3590 Rubidoux Boulevard, Jurupa Valley, California.

**ITEM 4. APPROVAL OF MINUTES**

Approval of Minutes for February 20, 2020, Special Board Meeting.

**Director Trueba moved and Director Skerbelis seconded to approve February 20, 2020 Regular Meeting Minutes.**

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

**Noes – 0**

**Abstain – 0**

**The motion was carried unanimously.**

**ITEM 5. Consideration to Approve the March 6, 2020 the Salaries, Expenses and Transfers.**

Consideration to Approve the March 6, 2020 the Salaries, Expenses and Transfers.

**Director Murphy moved and Director Trueba seconded to Approve the March 6, 2020 Salaries, Expenses and Transfers.**

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

**Noes – 0**

**Abstain – 0**

**The motion was carried unanimously.**

## **ITEM 6. PUBLIC ACKNOWLEDGE OF NON-AGENDA MATTERS**

There was no one in the audience to address the board.

## **ITEM 7. CORRESPONDENCE AND RELATED INFORMATION**

There was a Fact Sheet on PFAS, PFOA and PFOS from Western Municipal Water District. There was also an article from Smart Water Magazine regarding PFAS in firefighting foam, and expansion of testing of water for all PFAS. Mr. Sims reported that he & Brian met in the morning with State Assembly woman Sabrina Cervantes' field reps. The purpose of the meeting was to inform them of the rules made at the State Water Resources Control Board regarding PFAS contaminants. The new rules are intended to promote the safety of drinking water but have a significant impact on Districts like RCSD due to its reliance on groundwater. The impacts will create significant costs to comply with the new lower Response Limits.

## **ITEM 8. MANAGER'S REPORT**

### **Operations Report:**

Construction of the Jurupa Lift Station is almost complete. The lift station should be up and running within the next month. We will have a brand-new lift station. Staff is concerned about the condition of the existing the force main from the lift station to the gravity main in Linares. The force main is old and made of ACP. It is also installed in a location where trees have not grown. That may be a problem in the future. The contractor is giving the District a proposal to replace the force main. The reservoirs inspections are all done except for the Watson Tank, which is the largest. While the reservoirs are down for inspections, staff has performed some preventative maintenance.

### **Emergency and Fire Report:**

To be presented at the second board meeting of the month.

## **ITEM 9. PFAS Compound Treatment Actions. DM 2020-11.**

### **BACKGROUND**

On Thursday, February 6, 2020, the California Division of Drinking Water (DDW) issued new response levels (RLs) for perfluorooetanoie acid (PFOA) at ten parts per trillion and perflourooctane sulfonate (PFOS) at 40 parts per trillion.

PFAS, short for per-and polyfluoroalkyl substances, are a group of more than 4,700 synthetic chemicals created to repel water, oil, grease and stains. The chemicals, dating to

the 1940's and nearly indestructible over time, appear in a range of industrial and everyday consumer products, including makeup, food wrappers, nonstick cookware, carpets, stain repellents, and firefighting foams.

Because PFAS have been so widely used, most Americans have been exposed to them.

People ingest PFAS by eating, drinking or breathing the chemicals when they are present in food, water, fire retardants, and consumer and industrial products. Based on research cited by the California State Water Resources Control Board, most people are exposed to PFAS through food via food packaging, farming processes, or bioaccumulation (gradual chemical buildup).

Over time, PFAS also have accumulated in land near airports, industrial sites, military bases, and landfills. Once PFAS leach into the land, the chemicals can in some cases, seep into groundwater.

Regulators and stakeholders, including water agencies, have monitored PFAS for years. But only recently have technologies been developed to detect extremely low amounts of PFAS in food and water – down to the level of parts per trillion. One parts per trillion (ppt) is akin to one grain of sand in an Olympic-size swimming pool, or a pinch of salt in ten tons of potato chips.

These technologies are only available for PFOA, PFOS and more than a dozen other PFAS.

As research into PFAS continues, it is unclear if, or how, microscopic levels of the chemicals affect people's health. However, the chemicals can build up in the human body over time, and high concentrations of PFOA and PFOS have been linked to health concerns such as heightened cholesterol levels, decreased responses to vaccines and increased risks of liver damage, thyroid disease and low birth weights. Across the board, scientists still have much to learn about PFAS and human health. Many areas of PFAS testing and research remain in development.

While water is not the primary source of PFAS, new testing methods have raised awareness, and concerns, about trace levels of PFAS in drinking water.

In response, legislators and regulators in California have increased oversight of PFOA and PFOS. The state's Division of Drinking Water has set the following guidelines:

- In August 2019, California regulators set the Notification Levels of 5.1 ppt for PFOA and 6.5 ppt for PFOS, down from 14 ppt and 13ppt, respectively.

If PFOA or PFOS levels reach or exceed those levels – the equivalent of five to seven grains of sand in an Olympic-size swimming pool, water agencies must notify local governing bodies such as city councils or boards of supervisors. RCSD's Board was notified in July 2019 and then again in September 2019 when the notification limits were lowered.

- State regulators recently set new Response Levels (RLs) – the level at which water agencies are expected to remediate the PFOA and PFOS. The new lower RLs are set at 10 ppt for PFOA and 40 ppt for PFOS. Previously, the RL was 70 ppt for the total concentration of the two chemicals combined. Per DDW reporting on the new lower RLs for PFOA and PFOS will be based on a rolling four (4) quarter average of sampling results.

Due to the District's location of wells, which is within proximity of a closed landfill (northwest of the intersection of the Highway 60 and the Santa Ana River), DDW@ issued an Order for mandatory sampling of various District wells. Staff voluntarily expanded the sampling to all wells and has done so for two quarters. Sampling results reflect RCSD's wells supplying the potable system are just above the new lowered RL for PFOA (10 ppt). DDW staff has directed staff at RCSD to cease sampling under the prior Order as the State will be issuing a new Order that will start the new rolling four (4) quarter average of sampling.

How does this effect the District?

State DDW requires water agencies to remediate for PFOA and PFOS levels above the new lowered RL based on the average of four quarters of sampling. Remediation options are:

1. Remove wells out of the system in excess of the lowered RLs.
2. If wells need to stay in service, the District is to notify each customer in writing of the potential adverse health effects and publish a notice in the newspaper.
3. Implement treatment or obtain other sources of water to ensure all water delivered to customers is at or below the lowered RLs.

Currently the District is 100% reliant on groundwater supplies. Removing wells out of service is not a viable option. Notifying customers of potential adverse health risks in water is an undesirable option – this would impact public trust of a public service the District provides. This leaves implementing treatment solutions to remove the contaminant to below the RL.

Although the new Order initiating sampling requirements has not been issued, it is anticipated the new Order will be issued soon. Once the Order is issued, the District will essentially be on a one-year clock to implement treatment or other options to ensure all water delivered is below the RL. This will require expeditious action and involve significant expense.

### **Initial actions proposed**

Action 1 – Purchase two pressure vessels

A proven treatment method for PFAS compound removals is use of ion exchange. This is accomplished by adding pressure vessels filled with appropriate material that removes the contaminant. The pressure vessels will be similar in type to the vessels the District

purchased and using at Well 2 to remove 1, 2, 3 TCP. Based on preliminary estimates, the District will likely need to purchase approximately 6 – 10 vessels to supplement vessels already in use by the District. Carbon Activated Corp. USA has quoted pricing for two refurbished vessels. The price with tax is \$174,000. Additional expenses for delivery, construction of pads, piping fabrication and resin is not included. The delivery schedule for the two vessels is 14 - 16 weeks. New vessels can cost approximately twice as much and have a 25 – 30-week delivery schedule. The delivery delays are due to heightened number of water utilities reacting to implement treatment to meet the lowered RLs.

#### Action 2 – Obtain consultant expertise

Preliminary estimates to implement treatment for PFAS Compounds for the District's wells may range from \$2.0 to \$4.0 million. Given the complexity and need to make quick but prudent decisions to meet an approximate one-year timeline, staff has obtained a proposal from Hazen Sawyer ("HS") for technical support. HS has recognized expertise in treatment processes. Their proposal is attached. The support is intended to provide technical analysis to aide in the District's decision making on use of financial resources in the most effective manner. In addition to upfront capital expenses to implement the treatment, there will be ongoing operation and maintenance expenses that will need to be understood.

#### Action 3 – Evaluate other water supply alternatives

In addition to the new PFAS contaminant problem, the District has ongoing issues with water quality, mainly high total dissolved solids (salt) that creates issues with wastewater sent for treatment at the City of Riverside. The District has done a solid job meeting DDW Per requirements, for all other contaminants – 1, 2, 3 TCP, nitrate, perchlorate, and manganese with addition of treatment processes and blending. This has been a necessity due to the long-standing policy of self-reliance on local groundwater supplies. However, with this policy the District is subjected to mitigating whatever is in the pumped water. Staff is in discussions with Jurupa Community Services District ("JCSD"), who also is wholly dependent on groundwater, to evaluate potential cooperative alternatives for water supply. Potential alternatives include:

- a. Addition of reverse osmosis treatment for water pumped out of Riverside South Basin to remove TDS and other contaminants
- b. Access to Colorado River Aqueduct water through a Metropolitan Water District meter
- c. Access to Chino Desalter Water Authority water purchased from Wester Municipal Water District and conveyed through JCSD's distribution system
- d. Access to State Water Project water through a Metropolitan Water District meter

Staff is in the process of drafting a Memorandum of Understanding between the District and JCSD to cooperatively work on water supply alternatives. Once in final draft form, staff will present this to the Board for consideration. It is anticipated this subject will be



presented at the March 19, 2020 Board Meeting. This will be a longer-term effort to help provide the Board foresight as to costs for various water supplies. These costs would then be included into District Master Planning and used as a basis for future connection fee and rate analyses.

In summary, the new lower RL for PFAS contaminants and short time frame to remediate, creates cost and timing pressures on the District. These are unavoidable as compliance is mandated by DDW. Since there is an opportunity to obtain two of the needed 6 – 10 pressure vessels at a lower cost since they are refurbished (rather than new), staff recommends the Board approve the expense. Obtaining expertise to help make informed decisions on meeting the RL in a short time frame is prudent. The proposal from HS is \$155,444 and will include project management, development of a basis of design report, procurement and installation report, and permitting assistance. Given the cost of actual implementation, having this expertise will help guide the District to a successful outcome – addition of treatment within a one-year time period so there is adequate supply to meet all customer demands.

These expenses were not anticipated in the current approved Fiscal Year Budget and will require an amendment to the Budget. It is proposed \$400,000 of reserves from the Water Fund Budget be allocated to the Water Capital Improvement Project (CIP) Budget.

Cindy Miller addressed the Board regarding cleaning up the water basin. She stated that they are seeing this all across southern California. Many agencies have shut off wells that have PFAS Compounds above the Notification Limit. Decision to either turn off wells or get wellhead treatment is an economic one, but it's also a timing one because there are regulatory stipulations of when you need to have a solution to this problem.

Anaheim is getting ready to issue bonds to spend \$50+ million to add treatment to their wells. Orange County is putting in over 150 pressure vessels to add treatment. The price of pressure vessels is expected to increase soon due to demand. It will be a smart investment for the District to purchase the two refurbished pressure vessels. Ms. Miller came directly from a board meeting at the Chino Basin Watermaster and ran into Ryan Shaw of WMWD. Ryan indicated had been talking to the General Manager about RCSD and how water could be transported or exchanged using the new system that was just installed to connect Western to the CDA's system. There is an opportunity to move water through the system to JCSD and then from JCSD to RCSD. Mr. Sims explained the District has an underlying water quality problem of high TDS. That goes back to the City of Riverside. The TDS is the root problem that we have to deal with. We should be looking for a consolidated treatment that will handle multiple contaminants and address the salt issue. It is important to buy the vessels ahead of time as quickly as possible.

**Director Skerbelis moved and Director Trueba seconded the Board of Directors authorize the General Manager to take the following actions:**

- 1. Amend the FY 2019-2020 to allocate \$400,000 of reserves from the Water Fund Budget to be allocated to the Water Capital Improvement Project (CIP) Budget.**

2. **Execute a purchase order in the amount of \$174,000 with Carbon Activated Corp. USA for the purchase of two pressure vessels per Carbon Activated Corp. USA Quotation No. 4133.**
3. **Execute a professional services contract with Hazen and Sawyer in the amount of \$155,444 per proposal dated February 21, 2020.**

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

**Noes – 0**

**Abstain – 0**

**The motion was carried unanimously.**

#### **ITEM 10. Adjustments to RCSD Service Area Boundary. DM 2020-12.**

##### **BACKGROUND**

The Rubidoux Community Services District (“District”) provides services to properties within its service area boundary. This designated service boundary was established at the formation of the District in 1952. Since then a few properties have been annexed into the District’s service area boundary. Annexations as they occur are processed through the Riverside Local Agency Formation Commission (Riverside LAFCO).

District staff has identified eleven (11) areas that should be annexed into the District’s service area boundary. The properties within these eleven areas are currently receiving District’s services. These annexations would clean up and properly adjust the District’s service area boundary. Once officially within the District’s boundary, the tax rate areas (including voting and property fire tax) of the properties will accurately be reflective of the District’s services being received.

Staff has met with representatives from TKE Engineering and Webb Associates to review the details of each of the eleven of the identified areas. The proposals are attached TKE and Webb have provided a cost proposal and summary of how they would accomplish the annexation work and coordinate with the Riverside LAFCO. Both firms are capable of successfully performing the work.

TKE proposes a cost of \$39,450.00 and Webb proposes a cost \$97,164.00 to complete the annexation work for the eleven identified areas. This work was not included in the approved FY 2019-2020 District Budget, and to proceed a budget amendment is necessary. Staff proposes the District’s Board of Directors consider amending the District’s FY 2019-2020 Budget by allocating \$32,000.00 from the Water Operating Reserve and \$8,000.00 from the Sewer Operating Reserve to “Property Taxes – General Secured”.

**Director Murphy moved and Director Trueba seconded the Board of Directors authorize the General Manager:**

1) To enter into a professional services agreement with TKE in the amount of \$39,450.00 to do the annexation work including coordinating the work with Riverside LAFCO.

2) Amend the FY 2019-2020 Budget to allocate \$32,000.00 from the Water Operating Reserve and \$8,000.00 from the Sewer Operating Reserve to “Property Taxes – General Secured”.

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

Noes – 0

Abstain – 0

The motion was carried unanimously.

**ITEM 11. PUBLIC HEARING – Consideration to Adopt Resolution 2020-861, a Resolution Increasing Board of Directors Meeting Stipend. DM 2020-13.**

**BACKGROUND**

At the January 16, 2020 Board meeting, staff presented to the Board for their consideration an increase to the Rubidoux Community Services District’s (“RCSD”) Board of Director’s meeting stipend. The RCSD meeting stipend has remained unchanged since July 2014. Under current State of California law, the Board is allowed to increase their stipend not to exceed 5% per annum. Given that the Board had not increased their stipend since 2014, the Board is allowed to increase their meeting stipend to \$155.13 per meeting, currently at \$121.55, and committee meetings to \$63.81, currently at \$50.00. Based upon action taken at the January 16, 2020 meeting, staff was directed to prepare a draft Resolution modifying the current rates.

At the February 6, 2020 Board meeting, staff presented to the Board draft Resolution No. 2020-861, *A Resolution Increasing Board of Directors Meeting Stipend*. During review of the draft Resolution, staff presented additional information in the form of a memo, which was not included in the original board packet, to the Board regarding maximum monthly compensation amount, which was based upon State of California law limiting Board members to six (6) service days per month x \$100 per meeting. Over the years and up until 2014, when the Board considered raising the per meeting stipend, they never considered raising the maximum monthly compensation amount based upon the incremental increase in the per meeting amount and thus, the \$600 maximum remained. Considering this additional information, the Board directed staff to revise the draft Resolution to increase the maximum monthly service days from six (6) to ten (10).

This afternoon’s Public Hearing for Resolution No. 2020-861 was posted at our office, on our website, and noticed in the Press-Enterprise Newspaper.

Finally, as of the writing of this DM, the District has not received any oral or written comments as it pertains to Resolution No. 2020-861.

**Director Muniz opened the Public Hearing. There being no one in the audience to comment at the hearing, Director Muniz closed the hearing.**

**Director Trowbridge moved and Director Muniz seconded the Rubidoux Community Services District:**

- 1. Approve Resolution No. 2020-861, a Resolution Increasing Board of Directors Meeting Stipend; and**
- 2. Authorize the Board of Directors President to sign Resolution No. 2020-861.**

**Roll Call:**

**Ayes – 3 (Muniz, Trowbridge, Trueba)**

**Noes – 2 (Murphy, Skerbelis)**

**Abstain – 0**

**The motion was carried with a 3-2 vote.**

**ITEM 12. CLOSED EXECUTIVE SESSION** – Pursuant to Government Code Section 54956.9: Legal Counsel Status on Litigation Case No. CIVDS 1310520, City of Riverside vs. Rubidoux Community Services District.

There was no Closed Executive Session.

**ITEM 13. Directors Comments.**

Director Murphy thanked the fire department for responding to his medical call.

Director Muniz adjourned the meeting at 5:12 pm.

5. CONSIDERATION TO APPROVE MARCH 20, 2020, SALARIES,  
EXPENSES AND TRANSFERS

RUBIDOUX COMMUNITY SERVICES DISTRICT  
MARCH 19, 2020 (BOARD MEETING)  
FUND TRANSFER AUTHORIZATION

<b>NET PAYROLL 3/20/20</b>	62,071.00
WIRE TRANSFER: FEDERAL PAYROLL TAXES 3/23/20	26,003.00
WIRE TRANSFER: STATE PAYROLL TAXES 3/23/20	5,141.00
WIRE TRANSFER: TO CREDIT UNION	2,509.00
WIRE TRANSFER: PERS RETIREMENT	17,288.00
WIRE TRANSFER: PERS REPLACEMENT BENEFIT	-
WIRE TRANSFER: PERS HEALTH PREMIUMS	-
WIRE TRANSFER: PERS RETIRED HEALTH PREMIUMS AND FEES	-
WIRE TRANSFER: SECTION 125	-
WIRE TRANSFER: SECTION 457	3,169.00

**CHECKING ACCOUNT TRANSFERS FOR ACCOUNTS PAYABLE:**

3/20/2020 WATER FUND TO GENERAL FUND-Payables	70,953.37
WATER FUND TO GENERAL FUND-Trash	162,853.42
WATER FUND TO SEWER FUND	114,858.55
 SEWER FUND TO GENERAL FUND-Payables	 129,101.22

**INTERFUND TRANSFERS:**

3/20/2020 SEWER FUND CHECKING TO LAIF SEWER OP	-
SEWER FUND CHECKING TO LAIF SEWER ML	-
SEWER FUND CHECKING TO WATER FUND CHECKING	-
LAIF SEWER OP TO SEWER FUND CHECKING	15,000.00
LAIF WASTEWATER REPLACEMENT TO LAIF SEWER OP	2,363.32
LAIF SEWER ML TO LAIF SEWER OP	60,098.40
LAIF SEWER ML TO SEWER FUND CHECKING	-
GENERAL FUND CHECKING TO LAIF FIRE MITIGATION	-
GENERAL FUND PROP TAX TO GENERAL FUND CHECKING	35,000.00
LAIF GENERAL TO GENERAL FUND CHECKING	-
LAIF PROPERTY TAX TO GENERAL FUND CHECKING	494,000.00
WATER FUND CHECKING TO LAIF-COP PAYBACK	60,200.00
WATER FUND CHECKING TO LAIF-W.R.	8,800.00
LAIF WATER ML TO LAIF WATER OPS	43,500.00
LAIF WATER REPLACE TO LAIF WATER OP	15,857.65
LAIF WATER OP TO LAIF WATER RESERVE	-
WATER FUND CHECKING TO LAIF WATER RESERVE	-
WATER FUND CHECKING TO LAIF WATER OP	66,000.00
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)	3,125,000	Prin.	-	Jun-20
U.S. Bank Trust (1998 COP's Refunding)	494,190	Intr.	79,688	Jun-20
MN Plant-State Revolving Loan	4,259,372	Prin.	127,350	Jul-20
MN Plant-State Revolving Loan	839,371	Intr.	54,748	Jul-20

**AP Enter Bills Edit Report**  
**Rubidoux Community Services District (RCSACT)**  
 Batch: AAAAIT

3/17/2020 8:13:05 AM

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Tr. #	Vendor	Inv Date	Paid Out	Immediate	Credit Card Vendor	Due Date	Discount Date	Invoice #
PO Number		Immediate GL Account	Immediate GL Account		Check #		Payment Date	Discount
GL Date					Credit Card	CC Reference #		Total Invoice
1	ACORN / ACORN TECHNOLOGY SERVICE ✓							52931 ✓
MARCH IT SUPT		3/1/2020 ✓	N	N			3/20/2020 ✓ 3/1/2020	\$0.00
3/19/2020 ✓					N			\$3,010.00 ✓
2	AKELA / AKELA PEST CONTROL INC ✓							010408325 ✓
PEST CNTRL		2/27/2020 ✓	N	N			3/26/2020 ✓ 2/27/2020	\$0.00
3/19/2020 ✓					N			\$174.00 ✓
3	AMERICAN SAFETY PRODUCTS / AMERICAN SAFETY ✓							2558 ✓
NITRILE GLVS		2/27/2020 ✓	N	N			3/26/2020 ✓ 2/27/2020	\$0.00
3/19/2020 ✓					N			\$55.44 ✓
4	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓							CB02055-0267 ✓
WTR ANALYSES		2/26/2020 ✓	N	N			3/25/2020 ✓ 2/26/2020	\$0.00
3/19/2020 ✓					N			\$32.00 ✓
5	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓							CB02065-0267 ✓
LAB FEES		2/26/2020 ✓	N	N			3/25/2020 ✓ 2/26/2020	\$0.00
3/19/2020 ✓					N			\$254.00 ✓
6	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓							CB02069-0267 ✓
WTR ANALYSES		2/26/2020 ✓	N	N			3/25/2020 ✓ 2/26/2020	\$0.00
3/19/2020 ✓					N			\$96.00 ✓
7	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓							CB02466-0267 ✓
WTR ANALYSES		2/29/2020 ✓	N	N			3/28/2020 ✓ 2/29/2020	\$0.00
3/19/2020 ✓					N			\$32.00 ✓
8	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓							CC00002-0267 ✓
WTR ANALYSES		3/1/2020 ✓	N	N			3/31/2020 ✓ 3/1/2020	\$0.00
3/19/2020 ✓					N			\$96.00 ✓
9	CROWN ACE HARDWARE / CROWN ACE HARDWARE ✓							080148 ✓
PVC PARTS		3/2/2020 ✓	N	N			4/1/2020 ✓ 3/2/2020	\$0.00
3/19/2020 ✓					N			\$28.54 ✓
10	DIG SAFE / DIG SAFE C/O UNDERGROUND SVC ALEF ✓							DSB20191064 ✓
DIG SAFE		3/1/2020 ✓	N	N			4/15/2020 ✓ 3/1/2020	\$0.00
3/19/2020 ✓					N			\$36.26 ✓
11	ELROD / ELROD FENCE CO. INC ✓							14831 ✓
FENCE RPR		2/25/2020 ✓	N	N			3/24/2020 ✓ 2/25/2020	\$0.00
3/19/2020 ✓					N			\$550.00 ✓
12	GENESIS PRINTERS / GENESIS PRINTERS ✓							11338 ✓
BUS CRDS/HNGRS		2/28/2020 ✓	N	N			3/27/2020 ✓ 2/28/2020	\$0.00
3/19/2020 ✓					N			\$871.39 ✓
13	GEORGE / GEORGE, DEBORAH ✓							11421050-09 ✓
RFND OVRPYMT		2/28/2020 ✓	N	N			3/27/2020 ✓ 2/28/2020	\$0.00
3/19/2020 ✓					N			\$80.95 ✓
14	JCB / JCB SOUTHERN CALIFORNIA LLC ✓							W00809 ✓
R&M EQUIP		3/2/2020 ✓	N	N			4/1/2020 ✓ 3/2/2020	\$0.00
3/19/2020 ✓					N			\$432.10 ✓
15	KUMA TIRE / KUMA TIRE & WHEEL ✓							123657 ✓
R&M TRK		1/10/2020 ✓	N	N			2/10/2020 ✓ 1/10/2020	\$0.00
3/19/2020 ✓					N			\$408.13 ✓
16	MERIT OIL / MERIT OIL COMPANY ✓							567253 ✓
GASOLINE		2/26/2020 ✓	N	N			3/12/2020 ✓ 2/26/2020	\$0.00
3/19/2020 ✓					N			\$998.97 ✓
17	READY REFRESH / READY REFRESH by NESTLE ✓							10B7701128196 ✓
BTL WTR		2/25/2020 ✓	N	N			3/15/2020 ✓ 2/25/2020	\$0.00
3/19/2020 ✓					N			\$238.32 ✓

**AP Enter Bills Edit Report**  
**Rubidoux Community Services District (RCSACT)**  
 Batch: AAAAIT

3/12/2020 11:25:28 AM

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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
18	RELIABLE / RELIABLE WORKPLACE SOLUTIONS ✓							AR90843 ✓
COPIER USG		2/24/2020 ✓	N	N		3/23/2020 ✓	2/24/2020	\$0.00
3/19/2020 ✓					N			\$293.12 ✓
19	RELIABLE / RELIABLE WORKPLACE SOLUTIONS ✓							AR90844 ✓
PRNTR USG		2/24/2020 ✓	N	N		3/23/2020 ✓	2/24/2020	\$0.00
3/19/2020 ✓					N			\$28.58 ✓
20	RIVERSIDE COUNTY CDF / RIVERSIDE COUNTY CDF ✓							233527 ✓
Q2 FY 19/20		2/5/2020 ✓	N	N		3/5/2020 ✓	2/5/2020	\$0.00
3/19/2020 ✓					N			\$588,348.29 ✓
21	ROJANO / ROJANO, MIGUEL ✓							11009300-09 ✓
RFND OVRPYMT		2/27/2020 ✓	N	N		3/26/2020 ✓	2/27/2020	\$0.00
3/19/2020 ✓					N			\$134.42 ✓
22	RIVCOMM / RIVCOMM, INC. ✓							19893 ✓
R&M TRK		2/25/2020 ✓	N	N		3/24/2020 ✓	2/25/2020	\$0.00
3/19/2020 ✓					N			\$1,611.93 ✓
23	SOCAL TRUCK / SOCAL TRUCKWORKS ✓							9137 ✓
R&M TRK		2/27/2020 ✓	N	N		3/26/2020 ✓	2/27/2020	\$0.00
3/19/2020 ✓					N			\$483.65 ✓
24	TKE ENGINEERING / TKE ENGINEERING, INC. ✓							2019-909 ✓
BRINE LN SWR		2/27/2020 ✓	N	N		3/26/2020 ✓	2/27/2020	\$0.00
3/19/2020 ✓					N			\$1,338.15 ✓
25	TKE ENGINEERING / TKE ENGINEERING, INC. ✓							2019-1218 ✓
JURUPA LFT STN		2/28/2020 ✓	N	N		3/27/2020 ✓	2/28/2020	\$0.00
3/19/2020 ✓					N			\$2,363.32 ✓
26	TKE ENGINEERING / TKE ENGINEERING, INC. ✓							2019-1219 ✓
AVALON ST SWR		2/28/2020 ✓	N	N		3/27/2020 ✓	2/28/2020	\$0.00
3/19/2020 ✓					N			\$3,660.25 ✓
27	TKE ENGINEERING / TKE ENGINEERING, INC. ✓							2019-1220 ✓
HIGHLND PK PLN CK		2/28/2020 ✓	N	N		3/27/2020 ✓	2/28/2020	\$0.00
3/19/2020 ✓					N			\$3,740.00 ✓
28	TRAUTWEIN CONST. / TRAUTWEIN CONSTRUCTION ✓							20041 ✓
AVALON ST SWR		2/24/2020 ✓	N	N		3/23/2020 ✓	2/24/2020	\$0.00
3/19/2020 ✓					N			\$55,100.00 ✓
29	UNDERGROUND SERVICE ALERT / UNDERGROUND ✓							220200574 ✓
DIG ALERTS		3/1/2020 ✓	N	N		3/31/2020 ✓	3/1/2020	\$0.00
3/19/2020 ✓					N			\$85.90 ✓
30	YOUNG / YOUNG, RON ✓							20200302 ✓
DIST CERT		3/2/2020 ✓	N	N		4/1/2020 ✓	3/2/2020	\$0.00
3/19/2020 ✓					N			\$105.00 ✓
31	AIRGAS / AIRGAS USA, LLC ✓							9969215339 ✓
TNK RNTL		2/29/2020 ✓	N	N		3/30/2020 ✓	2/29/2020	\$0.00
3/19/2020 ✓					N			\$149.66 ✓
32	AIRGAS / AIRGAS USA, LLC ✓							9098930807 ✓
CO2 TNKS		3/3/2020 ✓	N	N		4/2/2020 ✓	3/3/2020	\$0.00
3/19/2020 ✓					N			\$303.91 ✓
33	ALMGREN / HOWARD ALMGREN ✓							17 ✓
CITY RVSD LITGN		2/19/2020 ✓	N	N		3/20/2020 ✓	2/19/2020	\$0.00
3/19/2020 ✓					N			\$13,823.30 ✓
34	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓							CC00887-0267 ✓
WTR ANALYSES		3/11/2020 ✓	N	N		4/10/2020 ✓	3/11/2020	\$0.00
3/19/2020 ✓					N			\$96.00 ✓



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GL Date					Credit Card	CC Reference #		Total Invoice
35	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN	3/11/2020	N	N				CC00890-0267
LAB FEES						4/10/2020	3/11/2020	\$0.00
3/19/2020				N				\$254.00
36	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN	3/11/2020	N	N				CC00892-0267
WTR ANALYSES						4/10/2020	3/11/2020	\$0.00
3/19/2020				N				\$32.00
37	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN	3/11/2020	N	N				CC00893-0267
LAB FEES						4/10/2020	3/11/2020	\$0.00
3/19/2020				N				\$170.00
38	BPS B'S POOL SUPPLIES / B.P.S. B's POOL SUPPLIES	3/4/2020	N	N				102119
SODIUM HYPO						4/3/2020	3/4/2020	\$0.00
3/19/2020				N				\$1,199.69
39	BERNELL / BERNELL HYDRAULICS, INC.	3/5/2020	N	N				0375683-IN
R&M EQUIP						4/4/2020	3/5/2020	\$0.00
3/19/2020				N				\$97.96
40	BRINKS / BRINKS INC.	3/1/2020	N	N				4513204
MARCH ARMOR SVC						3/31/2020	3/1/2020	\$0.00
3/19/2020				N				\$121.01
41	CARBON ACTIVATED / CARBON ACTIVATED CORPOR	3/10/2020	N	N				QUOTE 4133
DEPOSIT VESSELS						4/9/2020	3/10/2020	\$0.00
3/19/2020				N				\$43,500.00
42	COMMERCIAL DOOR / COMMERCIAL DOOR COMPAN	2/28/2020	N	N				75265
R&M OFC						3/30/2020	2/28/2020	\$0.00
3/19/2020				N				\$527.38
43	CORELOGIC / CORELOGIC, INC.	2/29/2020	N	N				82011464
ONLINE SVC						3/30/2020	2/29/2020	\$0.00
3/19/2020				N				\$178.75
44	DURNEY DON / DURNEY, DON	2/23/2020	N	N				20200223
GRDNG SVC						3/23/2020	2/23/2020	\$0.00
3/19/2020				N				\$285.00
45	FLOYD / FLOYD, TIMOTHY AND LYN	3/6/2020	N	N				11420760-01
RFND OVRPYMT						4/5/2020	3/6/2020	\$0.00
3/19/2020				N				\$13.80
46	FUTURE / FUTURE TACH METALS	3/6/2020	N	N				15030200-07
RFND OVRPYMT						4/5/2020	3/6/2020	\$0.00
3/19/2020				N				\$219.95
47	HARPER BURNS LLP / HARPER & BURNS LLP	3/1/2020	N	N				20200301.A
FEB '20 LGL SVC						3/31/2020	3/1/2020	\$0.00
3/19/2020				N				\$688.75
48	HARPER BURNS LLP / HARPER & BURNS LLP	3/1/2020	N	N				20200301.B
CITY RVSD LITGN						4/1/2020	3/1/2020	\$0.00
3/19/2020				N				\$2,392.50
49	J THAYER / J THAYER COMPANY, INC	2/26/2020	N	N				1435515-0
SUPPLIES						3/27/2020	2/26/2020	\$0.00
3/19/2020				N				\$472.88
50	J THAYER / J THAYER COMPANY, INC	3/3/2020	N	N				1437513-0
SUPPLIES						4/2/2020	3/3/2020	\$0.00
3/19/2020				N				\$118.97
51	KRIEGER & STEWART / KRIEGER & STEWART, INC.	2/20/2020	N	N				44096
WSTEWTR CNSLT						3/21/2020	2/20/2020	\$0.00
3/19/2020				N				\$175.00

*\$3,081.25*



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GL Date					Credit Card	CC Reference #		Total Invoice
69	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC ✓							0226_031020.A ✓
COMM TRSH 2/26-3/10		3/11/2020 ✓	N	N		4/10/2020 ✓	3/11/2020	\$0.00
3/19/2020 ✓					N			\$40,801.45 ✓
70	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC ✓							0226_031020.B ✓
RES TRSH 2/26-3/10		3/11/2020 ✓	N	N		4/10/2020 ✓	3/11/2020	\$0.00
3/19/2020 ✓					N			\$122,051.97 ✓
71	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC ✓							0226_031020.C ✓
RCSD SHR COMM		3/11/2020 ✓	N	N		4/10/2020 ✓	3/11/2020	\$0.00
3/19/2020 ✓					N			(\$4,080.15) ✓
72	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC ✓							0226_031020.D ✓
RCSD SHR RES		3/11/2020 ✓	N	N		4/10/2020 ✓	3/11/2020	\$0.00
3/19/2020 ✓					N			(\$990.76) ✓
73	UPS / UNITED PARCEL SERVICE ✓							0000F908W2090 ✓
POSTAGE		2/29/2020 ✓	N	N		3/30/2020 ✓	2/29/2020	\$0.00
3/19/2020 ✓					N			\$14.76 ✓
74	VERIZON WIRELESS / VERIZON WIRELESS ✓							9849475321 ✓
CELL PHN CHGS		3/1/2020 ✓	N	N		3/24/2020 ✓	3/1/2020	\$0.00
3/19/2020 ✓					N			\$938.41 ✓
75	WEBB ALBERT A ASSOC / WEBB, ALBERT A. ASSOCI ✓							200790 ✓
CITY RVSD LITGN		2/22/2020 ✓	N	N		3/23/2020 ✓	2/22/2020	\$0.00
3/19/2020 ✓					N			\$11,946.14 ✓
76	WESTERN MUNICIPAL WATER / WESTERN MUNICIPA ✓							IN11825 ✓
JAN '20 BRINE		3/2/2020 ✓	N	N		4/1/2020 ✓	3/2/2020	\$0.00
3/19/2020 ✓					N			\$150.00 ✓
77	AT&T / AT&T ✓							000014430114 ✓
PHONE CHGS		3/6/2020 ✓	N	N		4/13/2020 ✓	3/6/2020	\$0.00
3/19/2020 ✓					N			\$456.12 ✓
78	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓							CB01143-0267 ✓
WTR ANALYSES		2/15/2020 ✓	N	N		3/15/2020 ✓	2/15/2020	\$0.00
3/19/2020 ✓					N			\$420.00 ✓
79	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓							CB01646-0267 ✓
WTR ANALYSES		2/21/2020 ✓	N	N		3/21/2020 ✓	2/21/2020	\$0.00
3/19/2020 ✓					N			\$84.00 ✓
80	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓							CB01648-0267 ✓
WTR ANALYSES		2/21/2020 ✓	N	N		3/21/2020 ✓	2/21/2020	\$0.00
3/19/2020 ✓					N			\$420.00 ✓
81	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓							CC00152-0267 ✓
LAB FEES		3/3/2020 ✓	N	N		4/3/2020 ✓	3/3/2020	\$0.00
3/19/2020 ✓					N			\$127.00 ✓
82	BOOT BARN / BOOT BARN ✓							INV00040824 ✓
BOOTS - MARTINEZ		2/28/2020 ✓	N	N		3/28/2020 ✓	2/28/2020	\$0.00
3/19/2020 ✓					N			\$152.24 ✓
83	BRINKS / BRINKS INC. ✓							11067047 ✓
MARCH '20 ARMR SVC		3/1/2020 ✓	N	N		4/1/2020 ✓	3/1/2020	\$0.00
3/19/2020 ✓					N			\$845.73 ✓
84	CARQUEST AUTO PARTS / CARQUEST AUTO PARTS ✓							7456-431968 ✓
R&M EQUIP		2/28/2020 ✓	N	N		3/28/2020 ✓	2/28/2020	\$0.00
3/19/2020 ✓					N			\$14.00 ✓
85	CARQUEST AUTO PARTS / CARQUEST AUTO PARTS ✓							7456-432393 ✓
SILICONE		3/4/2020 ✓	N	N		4/4/2020 ✓	3/4/2020	\$0.00
3/19/2020 ✓					N			\$17.22 ✓

\$157,780.51

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GL Date					Credit Card	CC Reference #		Total Invoice
86	CARQUEST AUTO PARTS / CARQUEST AUTO PARTS ✓	3/5/2020 ✓	N	N				7456-432451 ✓
SILICONE						4/5/2020 ✓	3/5/2020	\$0.00
3/19/2020 ✓					N			\$18.08 ✓
87	CROWN ACE HARDWARE / CROWN ACE HARDWARE ✓	3/6/2020 ✓	N	N				080186 ✓
SUPPLIES						4/6/2020 ✓	3/6/2020	\$0.00
3/19/2020 ✓					N			\$122.67 ✓
88	ENGELAUF CONST. / ENGELAUF CONSTRUCTION SF ✓	3/4/2020 ✓	N	N				97412 ✓
BASE						4/4/2020 ✓	3/4/2020	\$0.00
3/19/2020 ✓					N			\$83.40 ✓
89	FRITTS FORD / FRITTS FORD ✓	3/3/2020 ✓	N	N				C43808 ✓
R&M TRK						4/3/2020 ✓	3/3/2020	\$0.00
3/19/2020 ✓					N			\$100.00 ✓
90	GRAINGER / GRAINGER ✓	2/25/2020 ✓	N	N				9455672015 ✓
TOOLS						3/26/2020 ✓	2/25/2020	\$0.00
3/19/2020 ✓					N			\$32.18 ✓
91	GRAINGER / GRAINGER ✓	2/26/2020 ✓	N	N				9456454694 ✓
PWR SUPPLY						3/26/2020 ✓	2/26/2020	\$0.00
3/19/2020 ✓					N			\$158.08 ✓
92	GRAINGER / GRAINGER ✓	2/26/2020 ✓	N	N				9456454702 ✓
TOOLS						3/26/2020 ✓	2/26/2020	\$0.00
3/19/2020 ✓					N			\$190.40 ✓
93	HACH CO. / HACH COMPANY ✓	3/2/2020 ✓	N	N				11862083 ✓
CHEMICALS						4/2/2020 ✓	3/2/2020	\$0.00
3/19/2020 ✓					N			\$544.09 ✓
94	HOME DEPOT / HOME DEPOT CREDIT SERVICES ✓	3/5/2020 ✓	N	N				005043/3021659 ✓
SUPPLIES						4/5/2020 ✓	3/5/2020	\$0.00
3/19/2020 ✓					N			\$501.13 ✓
95	HOUSTON HARRIS / HOUSTON & HARRIS PCS, INC. ✓	2/28/2020 ✓	N	N				20-22556 ✓
HYDRO-WSH						3/28/2020 ✓	2/28/2020	\$0.00
3/19/2020 ✓					N			\$1,725.00 ✓
96	INLAND DESERT SECURITY / INLAND DESERT SECUI ✓	3/15/2020 ✓	N	N				200200636101 ✓
APRIL ANSWR SVC						4/15/2020 ✓	3/15/2020	\$0.00
3/19/2020 ✓					N			\$492.40 ✓
97	KH METALS / KH METALS & SUPPLY ✓	3/5/2020 ✓	N	N				0508102-IN ✓
FASTENERS						4/5/2020 ✓	3/5/2020	\$0.00
3/19/2020 ✓					N			\$130.18 ✓
98	MERIT OIL / MERIT OIL COMPANY ✓	3/4/2020 ✓	N	N				568474 ✓
GASOLINE						3/19/2020 ✓	3/4/2020	\$0.00
3/19/2020 ✓					N			\$1,395.68 ✓
99	MERIT OIL / MERIT OIL COMPANY ✓	3/6/2020 ✓	N	N				569077 ✓
DIESEL FUEL						3/21/2020 ✓	3/6/2020	\$0.00
3/19/2020 ✓					N			\$287.08 ✓
100	MERIT OIL / MERIT OIL COMPANY ✓	3/6/2020 ✓	N	N				569113 ✓
DIESEL FUEL						3/21/2020 ✓	3/6/2020	\$0.00
3/19/2020 ✓					N			\$284.63 ✓
101	MERIT OIL / MERIT OIL COMPANY ✓	3/6/2020 ✓	N	N				569271 ✓
DIESEL FUEL						3/21/2020 ✓	3/6/2020	\$0.00
3/19/2020 ✓					N			\$316.84 ✓
102	MERIT OIL / MERIT OIL COMPANY ✓	3/6/2020 ✓	N	N				569310 ✓
DIESEL FUEL						3/21/2020 ✓	3/6/2020	\$0.00
3/19/2020 ✓					N			\$339.59 ✓

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GL Date					Credit Card	CC Reference #		Total Invoice
103	MERIT OIL / MERIT OIL COMPANY ✓	3/9/2020 ✓	N	N				569480 ✓
	DIESEL FUEL					3/24/2020 ✓	3/9/2020	\$0.00
3/19/2020 ✓					N			\$368.87 ✓
104	MERIT OIL / MERIT OIL COMPANY ✓	3/9/2020 ✓	N	N				569611 ✓
	DIESEL FUEL					3/24/2020 ✓	3/9/2020	\$0.00
3/19/2020 ✓					N			\$283.54 ✓
105	R&D MECHANICAL / R&D MECHANICAL SUPPLY, INC ✓	2/27/2020 ✓	N	N				11003356 ✓
	10" VALVE					3/27/2020 ✓	2/27/2020	\$0.00
3/19/2020 ✓					N			\$1,895.51 ✓
106	R&D MECHANICAL / R&D MECHANICAL SUPPLY, INC ✓	2/27/2020 ✓	N	N				11003358 ✓
	PARTS					3/27/2020 ✓	2/27/2020	\$0.00
3/19/2020 ✓					N			\$528.09 ✓
107	SOCAL TRUCK / SOCAL TRUCKWORKS ✓	3/2/2020 ✓	N	N				9147 ✓
	R&M JEEP					4/2/2020 ✓	3/2/2020	\$0.00
3/19/2020 ✓					N			\$217.16 ✓
108	THERMAL COOL / THERMAL-COOL, INC. ✓	3/4/2020 ✓	N	N				WO-0016443 ✓
	R&M HVAC					4/4/2020 ✓	3/4/2020	\$0.00
3/19/2020 ✓					N			\$382.00 ✓
109	UPS / UNITED PARCEL SERVICE ✓	3/7/2020 ✓	N	N				0000F908W2100 ✓
	POSTAGE					4/7/2020 ✓	3/7/2020	\$0.00
3/19/2020 ✓					N			\$127.88 ✓
110	WESTERN MUNICIPAL WATER / WESTERN MUNICIPA ✓	3/1/2020 ✓	N	N				RI3494 ✓
	MAR BRINE FIXED					3/31/2020 ✓	3/1/2020	\$0.00
3/19/2020 ✓					N			\$749.94 ✓
111	RIVERSIDE CLEANING SYSTEMS / RIVERSIDE CLEAN ✓	3/10/2020 ✓	N	N				424 ✓
	CLNG SVC					4/10/2020 ✓	3/10/2020	\$0.00
3/19/2020 ✓					N			\$545.00 ✓

Grand Totals

Total Direct Expense: \$979,525.87  
 Total Direct Expense Adj: (\$5,070.91) ①  
 Total Non-Electronic Transactions: \$974,454.96 ②

Report Summary

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

① 5,070.91  
 5,070.91 Tri-Co  
 .00

② 974,454.96  
 974,709.96 x for w/s  
 255.00

PR 3/20/20 255.00 Union  
 .00

M/Simm  
 3.17.20

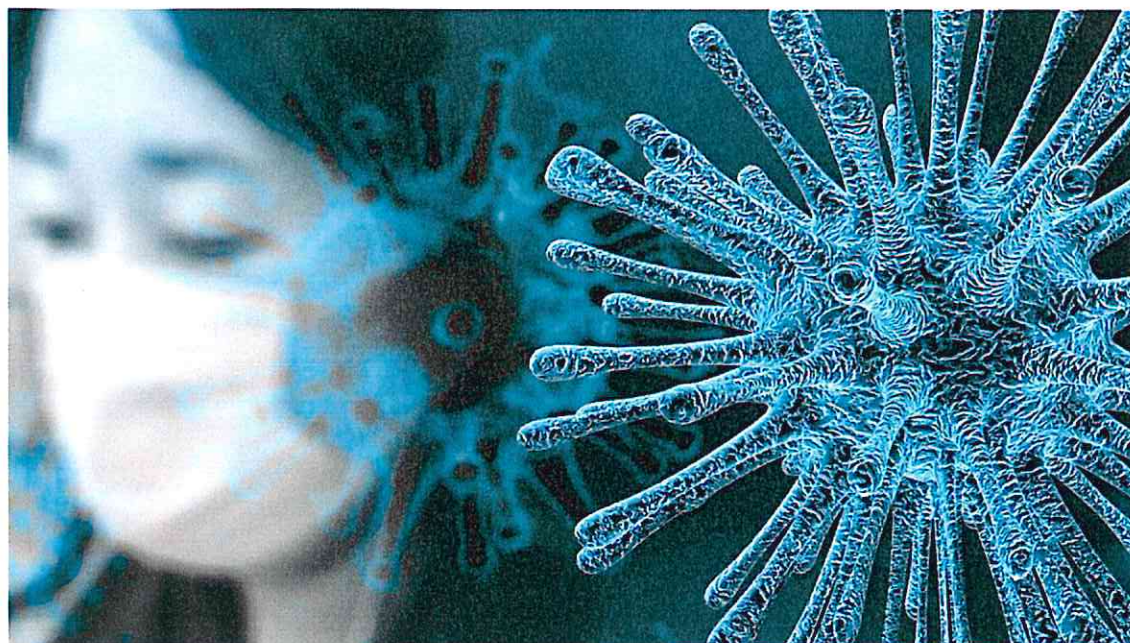
6. ACKNOWLEDGEMENTS – MEMBERS OF THE PUBLIC MAY  
ADDRESS THE BOARD AT THIS TIME ON ANY NON-AGENDA  
MATTER

7. CORRESPONDENCE AND RELATED INFORMATION

# Pumps Directory 2019 AN IRVING-CLOUD PUBLICATION tpo

## COVID-19 Guidance for Wastewater Workers

March 05, 2020



As the novel coronavirus 2019 (COVID-19) begins to spread worldwide, industry groups have begun releasing information and advice for water and wastewater professionals.

The Occupational Safety and Health Administration (OSHA) recently released guidance for wastewater workers, reporting that coronaviruses are vulnerable to the same disinfection techniques used currently in the health care sector. “Current disinfection conditions in



wastewater treatment facilities is expected to be sufficient,” OSHA released in a statement. “This includes conditions for practices such as oxidation with hypochlorite (i.e., chlorine bleach) and peracetic acid, as well as inactivation through the use of ultraviolet irradiation.”

OSHA goes on to say that, currently, there isn’t evidence to suggest wastewater treatment plant operators and sewer workers need to enact additional protections specific to COVID-19, but added that “wastewater treatment plant operations should ensure workers follow routine practices to prevent exposure to wastewater, including using the engineering and administrative controls, safe work practices, and PPE normally required for work tasks when handling untreated wastewater.”

Meanwhile, the Water Environment Federation (WEF) has released the [Water Professional’s Guide to COVID-19](#), and says that while OSHA’s recommendations are useful in a general way, more research may be necessary for some disinfectants. “More research may be warranted for disinfectants such as [peracetic acid](#) and [combined chlorine \(chloramines\)](#), where coronavirus specific data is lacking or evidence suggests [higher bacterial susceptibility to disinfection compared to viruses](#). Although coronaviruses have not been tested, peracetic acid has been found to have some efficacy against some non-enveloped viruses (e.g., [norovirus](#)) that are known to be [more resistant than enveloped viruses](#).”

In the absence of proper disinfection, previous research into the persistence of coronavirus surrogates and SARS in wastewater show that the viruses can survive in wastewater for hours or even days, according to WEF.

**Related:** [News Briefs: Wastewater Operator Dies in Oxidation Ditch](#)

It’s important that workers in the water and wastewater sector stay up-to-date with industry specific information with regards to COVID-19, and this post will be updated as more of that information becomes available. In the meantime, take a look at the releases from OSHA and WEF, and distribute this graphic created by WEF on Implementing the Hierarchy of Controls for Wastewater Worker Protection.



# IMPLEMENTING THE HIERARCHY OF CONTROLS FOR WASTEWATER WORKER PROTECTION

## Engineering Controls

- Use physical barriers to prevent worker exposure to splashes or sprays of potentially contaminated waste water.
- Enclose processes that may generate potentially infectious aerosols (e.g., mixing zones, tank discharge points, pressurized lines).
- Use ventilation equipment to remove contaminated air from the work environment.

## Administrative Controls and safe work practices TRAINING

- Wash hands with soap and water: immediately after handling waste or sewage, *before* eating or drinking, *and before and after* using the toilet.
- Avoid touching face, mouth, eyes, nose, or open sores and cuts while handling sewage.
- Before eating, remove work clothes and eat in designated areas.
- Do **not** smoke or chew tobacco/gum.
- Keep open sores, cuts, and wounds covered with clean, dry bandages.
- Remove work clothes before leaving worksite.
- Make appropriate vaccines available, such as those for tetanus, polio, typhoid fever, Hepatitis A and B, and influenza.

## Personal Protective Equipment TRAINING



- PPE required changes with task, work site, and potential exposures.
- Train workers on how to properly put on, use/wear, and take off PPE, as well as how to clean/disinfect, maintain, store, and dispose of PPE.
- Other types of PPE may be needed to ensure a fully protective ensemble.

**IF WORKERS ARE EXPOSED TO WASTE OR SEWAGE**

- Gently flush eyes with clean water if sewage contacts eyes.
- Wash cuts and abrasions with soap and water.
- Consider providing workers with post-exposure evaluation and follow-up care, especially for sharps or puncture injuries.
- Clean contaminated work clothing daily with 0.05% chlorine solution.

## Popular Stories



© March 04, 2020

Hands-On Experience with 3 Types of Dewatering Processes



© April 04, 2016

Lake Arrowhead's Closed Vessel Wastewater Reuse Solution

# Water districts seek to find a way to get rid of chemicals found in many man-made items

By Lexington Howe - March 6, 2020



An emerging constituent, PFAS, or Perfluorooctanesulfonic acid, is a chemical emerging in drinking water across the nation.

Murrieta is served by several water districts and these include Elsinore Valley Municipal Water District, Eastern Municipal Water District, Western Municipal Water District and Rancho California Water District.

PFAS are a family of over 6,000 chemicals according to the report presented at the Feb. 18 Murrieta City Council meeting. These chemicals are used in manufacturing for their heat and water-resistant properties, and they're also found in thousands of items we use every day: water-proof clothing, cleaning products, nonstick cookware, fire-fighting foam, paint, microwave popcorn bags and dental floss.

Water districts don't put these chemicals into the water, but over time they have entered the waterways through manufacturing and landfills.

While PFAS manufacturing in the United States has come to an end, they are still manufactured abroad, though state and federal regulations are working to manage PFAS levels currently in the water.

Guidelines are evolving, and there have been changes seen in 2020 in regards to these regulations.

Water supplies across the state are being tested. Seventy-four community water systems in California had detected levels, while one source exceeded the response levels in 2020 and was removed from service in November 2019.

The Elsinore Valley Municipal Water District among the several other districts presented during the meeting are currently exploring their options for treatment in a cost-effective way.

A water specialist from the EVMWD said that the health effects of PFAS chemicals are currently being studied by the United States Environmental Protection Agency, and while it seems like the health effects could range from low infant birth rates, cancer, among a few others, there have not been official long-term studies conducted to prove this.

The chemical itself is not new, according to the Western Municipal Water District, as it's been around since the 1940s, though testing has now currently caught up to it. Western said in the evening report that everyone possesses some type of PFAS in their bodies.

For more information on the city council meeting, Feb. 18, or its agenda items, visit <https://vimeo.com/cityofmurrieta>.

*Lexington Howe can be reached by email at [valleystaff@reedermedia.com](mailto:valleystaff@reedermedia.com).*

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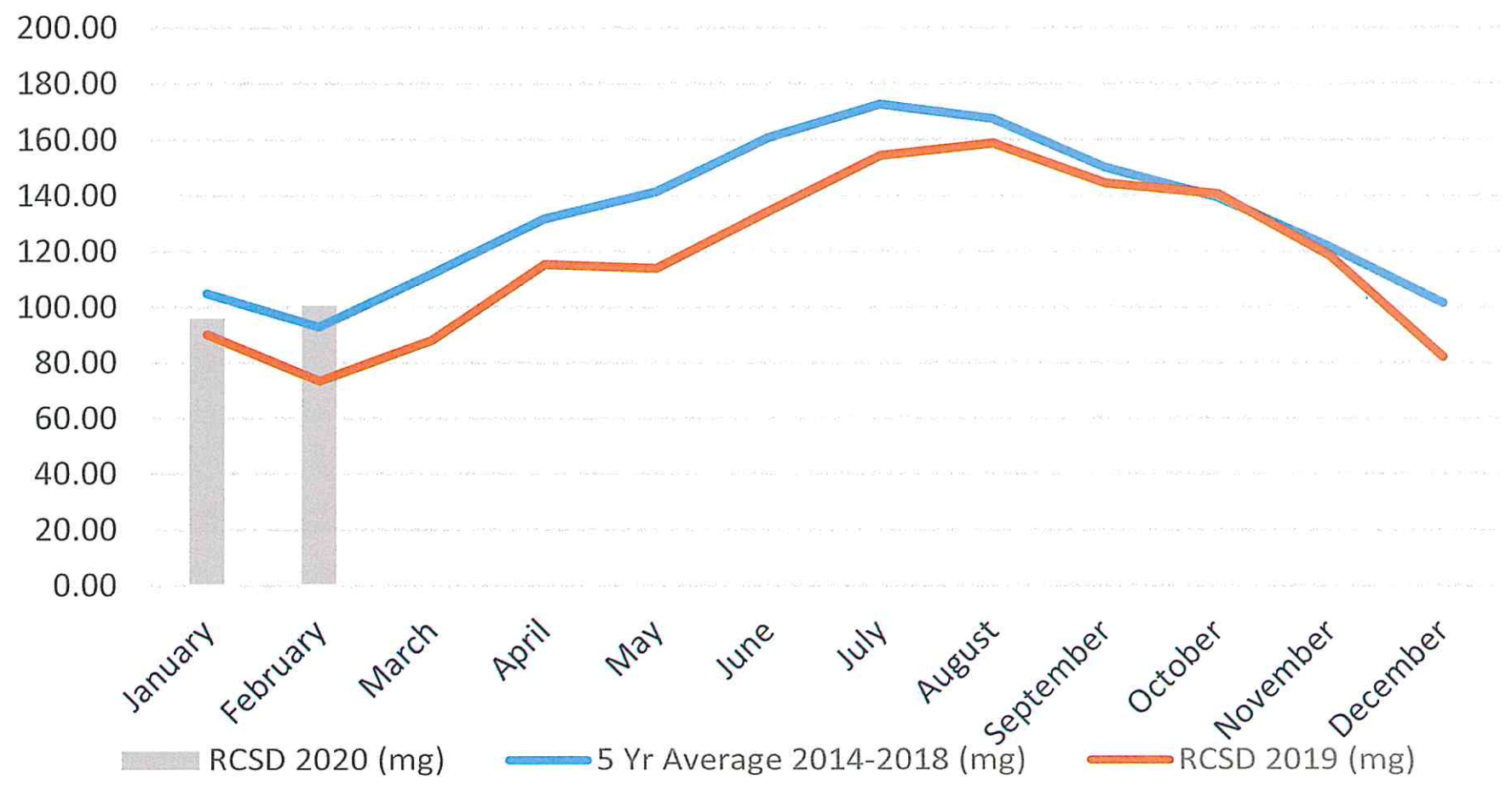
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**Lexington Howe**

8. MANAGER'S REPORT

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

# Potable Water Production February 2020



## 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)
02/01/2020	0.00	3.67	3.67	0.87	4.54	0.00	1.62
02/02/2020	0.00	3.72	3.72	0.01	3.73	0.00	1.67
02/03/2020	0.00	2.53	2.53	0.08	2.61	0.00	1.62
02/04/2020	0.00	3.73	3.73	0.41	4.14	0.00	1.58
02/05/2020	0.00	4.07	4.07	0.45	4.52	0.00	1.60
02/06/2020	0.00	3.56	3.56	1.13	4.69	0.00	1.61
02/07/2020	0.00	3.53	3.53	0.93	4.46	0.00	1.51
02/08/2020	0.00	3.30	3.30	0.53	3.83	0.00	1.59
02/09/2020	0.00	3.46	3.46	0.07	3.53	0.00	1.60
02/10/2020	0.00	3.22	3.22	0.40	3.62	0.00	1.68
02/11/2020	0.00	3.32	3.32	0.01	3.33	0.00	1.60
02/12/2020	0.00	3.29	3.29	0.01	3.30	0.00	1.61
02/13/2020	0.00	4.07	4.07	0.01	4.08	0.00	1.58
02/14/2020	0.00	3.51	3.51	0.50	4.01	0.00	1.54
02/15/2020	0.00	3.75	3.75	0.29	4.04	0.00	1.58
02/16/2020	0.00	2.86	2.86	0.01	2.87	0.00	1.59
02/17/2020	0.00	3.39	3.39	0.00	3.39	0.00	1.76
02/18/2020	0.00	4.39	4.39	0.20	4.59	0.00	1.64
02/19/2020	0.00	3.53	3.53	0.58	4.12	0.00	1.60
02/20/2020	0.00	3.15	3.15	0.50	3.65	0.00	1.61
02/21/2020	0.00	3.44	3.44	0.01	3.45	0.00	1.52
02/22/2020	0.00	2.62	2.62	0.01	2.63	0.00	1.60
02/23/2020	0.00	3.36	3.36	0.01	3.36	0.00	1.67
02/24/2020	0.00	2.52	2.52	0.01	2.52	0.00	1.59
02/25/2020	0.00	3.85	3.85	0.57	4.42	0.00	1.60
02/26/2020	0.00	3.65	3.65	0.55	4.21	0.00	1.60
02/27/2020	0.00	4.20	4.20	0.15	4.35	0.00	1.58
02/28/2020	0.00	4.37	4.37	0.55	4.93	0.00	1.52
02/29/2020	0.00	2.52	2.52	0.01	2.53	0.00	1.58
MINIMUM	0.00	2.52	2.52	0.00	2.52	0.00	1.51
AVERAGE	0.00	3.47	3.47	0.30	3.77	0.00	1.60
MAXIMUM	0.00	4.39	4.39	1.13	4.93	0.00	1.76
TOTAL	0.00	100.60	100.60	8.81	109.41	0.00	46.42

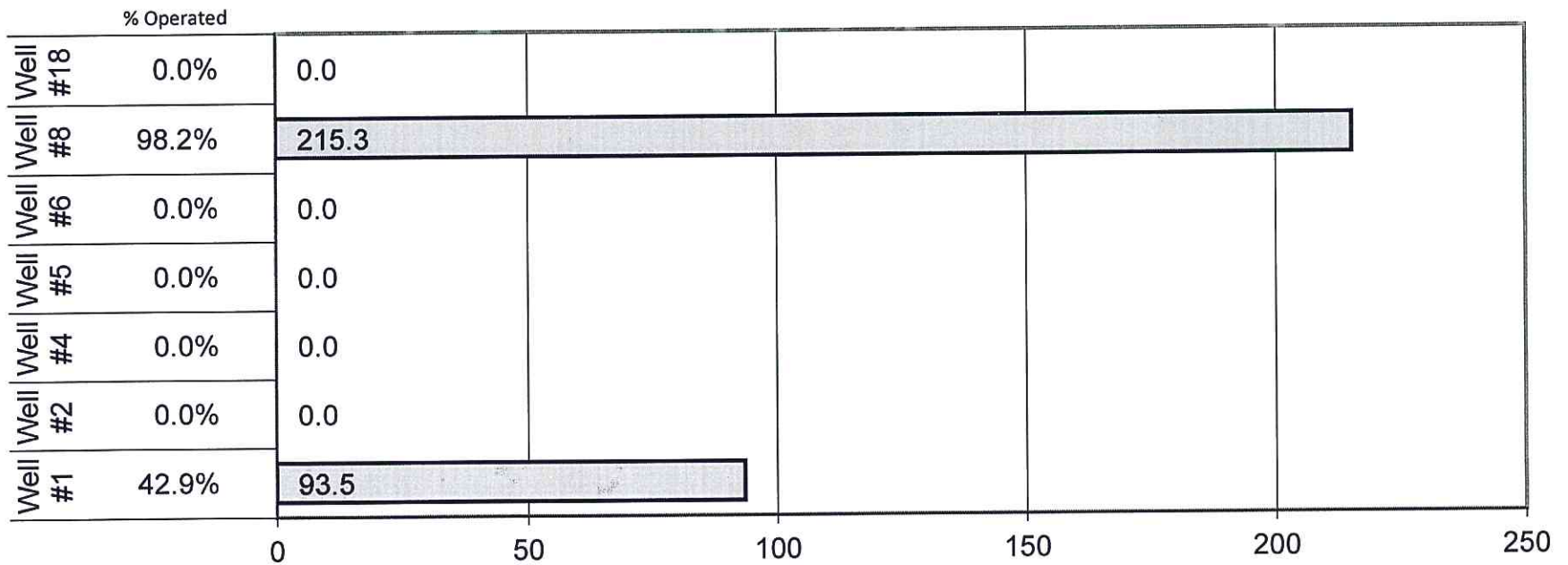
**RUBIDOUX COMMUNITY SERVICES DISTRICT**  
**MONTHLY WELL PRODUCTION**  
(Million Gallons)

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)	
02/01/2020	0.00	1.34	0.00	0.00	0.00	0.00	2.33	0.00	0.41	0.00	0.45	0.00	0.01	3.67	0.87	4.54
02/02/2020	0.00	1.00	0.00	0.00	0.00	0.00	2.73	0.00	0.00	0.00	0.00	0.00	0.01	3.72	0.01	3.73
02/03/2020	0.00	0.10	0.00	0.00	0.00	0.00	2.43	0.00	0.00	0.00	0.07	0.00	0.01	2.53	0.08	2.61
02/04/2020	0.00	1.39	0.00	0.00	0.00	0.00	2.34	0.00	0.00	0.00	0.41	0.00	0.01	3.73	0.41	4.14
02/05/2020	0.00	1.67	0.00	0.00	0.00	0.00	2.40	0.00	0.00	0.00	0.44	0.00	0.01	4.07	0.45	4.52
02/06/2020	0.00	1.16	0.00	0.00	0.00	0.00	2.40	0.00	1.12	0.00	0.00	0.00	0.00	3.56	1.13	4.69
02/07/2020	0.00	0.84	0.00	0.00	0.00	0.00	2.69	0.00	0.00	0.00	0.92	0.00	0.01	3.53	0.93	4.46
Subtotal	0.00	7.50	0.00	0.00	0.00	0.00	17.32	0.00	1.53	0.00	2.29	0.00	0.04	24.82	3.86	28.68
02/08/2020	0.00	0.88	0.00	0.00	0.00	0.00	2.43	0.00	0.00	0.00	0.53	0.00	0.00	3.30	0.53	3.83
02/09/2020	0.00	0.94	0.00	0.00	0.00	0.00	2.52	0.00	0.00	0.00	0.06	0.00	0.01	3.46	0.07	3.53
02/10/2020	0.00	0.88	0.00	0.00	0.00	0.00	2.34	0.00	0.00	0.00	0.39	0.00	0.01	3.22	0.40	3.62
02/11/2020	0.00	1.02	0.00	0.00	0.00	0.00	2.31	0.00	0.00	0.00	0.00	0.00	0.01	3.32	0.01	3.33
02/12/2020	0.00	0.67	0.00	0.00	0.00	0.00	2.62	0.00	0.00	0.00	0.00	0.00	0.01	3.29	0.01	3.30
02/13/2020	0.00	1.49	0.00	0.00	0.00	0.00	2.59	0.00	0.00	0.00	0.00	0.00	0.01	4.07	0.01	4.08
02/14/2020	0.00	1.11	0.00	0.00	0.00	0.00	2.41	0.00	0.08	0.00	0.42	0.00	0.01	3.51	0.50	4.01
Subtotal	0.00	6.99	0.00	0.00	0.00	0.00	17.20	0.00	0.08	0.00	1.39	0.00	0.04	24.19	1.51	25.70
02/15/2020	0.00	1.03	0.00	0.00	0.00	0.00	2.72	0.00	0.00	0.00	0.28	0.00	0.01	3.75	0.29	4.04
02/16/2020	0.00	0.52	0.00	0.00	0.00	0.00	2.34	0.00	0.00	0.00	0.00	0.00	0.01	2.86	0.01	2.87
02/17/2020	0.00	1.09	0.00	0.00	0.00	0.00	2.30	0.00	0.00	0.00	0.00	0.00	0.00	3.39	0.00	3.39
02/18/2020	0.00	1.46	0.00	0.00	0.00	0.00	2.93	0.00	0.00	0.00	0.19	0.00	0.01	4.39	0.20	4.59
02/19/2020	0.00	1.23	0.00	0.00	0.00	0.00	2.31	0.00	0.00	0.00	0.58	0.00	0.01	3.53	0.58	4.12
02/20/2020	0.00	1.31	0.00	0.00	0.00	0.00	1.84	0.00	0.01	0.00	0.49	0.00	0.01	3.15	0.50	3.65
02/21/2020	0.00	0.90	0.00	0.00	0.00	0.00	2.54	0.00	0.00	0.00	0.00	0.00	0.01	3.44	0.01	3.45
Subtotal	0.00	7.53	0.00	0.00	0.00	0.00	16.98	0.00	0.01	0.00	1.53	0.00	0.04	24.51	1.58	26.09
02/22/2020	0.00	0.00	0.00	0.00	0.00	0.00	2.62	0.00	0.00	0.00	0.00	0.00	0.01	2.62	0.01	2.63
02/23/2020	0.00	0.92	0.00	0.00	0.00	0.00	2.43	0.00	0.00	0.00	0.00	0.00	0.01	3.36	0.01	3.36
02/24/2020	0.00	1.01	0.00	0.00	0.00	0.00	1.51	0.00	0.00	0.00	0.00	0.00	0.01	2.52	0.01	2.52
02/25/2020	0.00	1.93	0.00	0.00	0.00	0.00	1.92	0.00	0.00	0.00	0.57	0.00	0.00	3.85	0.57	4.42
02/26/2020	0.00	1.17	0.00	0.00	0.00	0.00	2.48	0.00	0.00	0.00	0.55	0.00	0.01	3.65	0.55	4.21
02/27/2020	0.00	1.72	0.00	0.00	0.00	0.00	2.48	0.00	0.00	0.00	0.15	0.00	0.01	4.20	0.15	4.35
02/28/2020	0.00	1.35	0.00	0.00	0.00	0.00	3.03	0.00	0.00	0.00	0.54	0.00	0.01	4.37	0.55	4.93
02/29/2020	0.00	0.34	0.00	0.00	0.00	0.00	2.18	0.00	0.00	0.00	0.00	0.00	0.01	2.52	0.01	2.53
Subtotal	0.00	8.44	0.00	0.00	0.00	0.00	18.64	0.00	0.00	0.00	1.81	0.00	0.05	27.09	1.86	28.94
<b>TOTAL</b>	<b>0.000</b>	<b>30.457</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>70.144</b>	<b>0.000</b>	<b>1.621</b>	<b>0.000</b>	<b>7.019</b>	<b>0.000</b>	<b>0.171</b>	<b>100.601</b>	<b>8.811</b>	<b>109.412</b>



# TOTAL WATER PRODUCED w/ % Operated

## February 2020

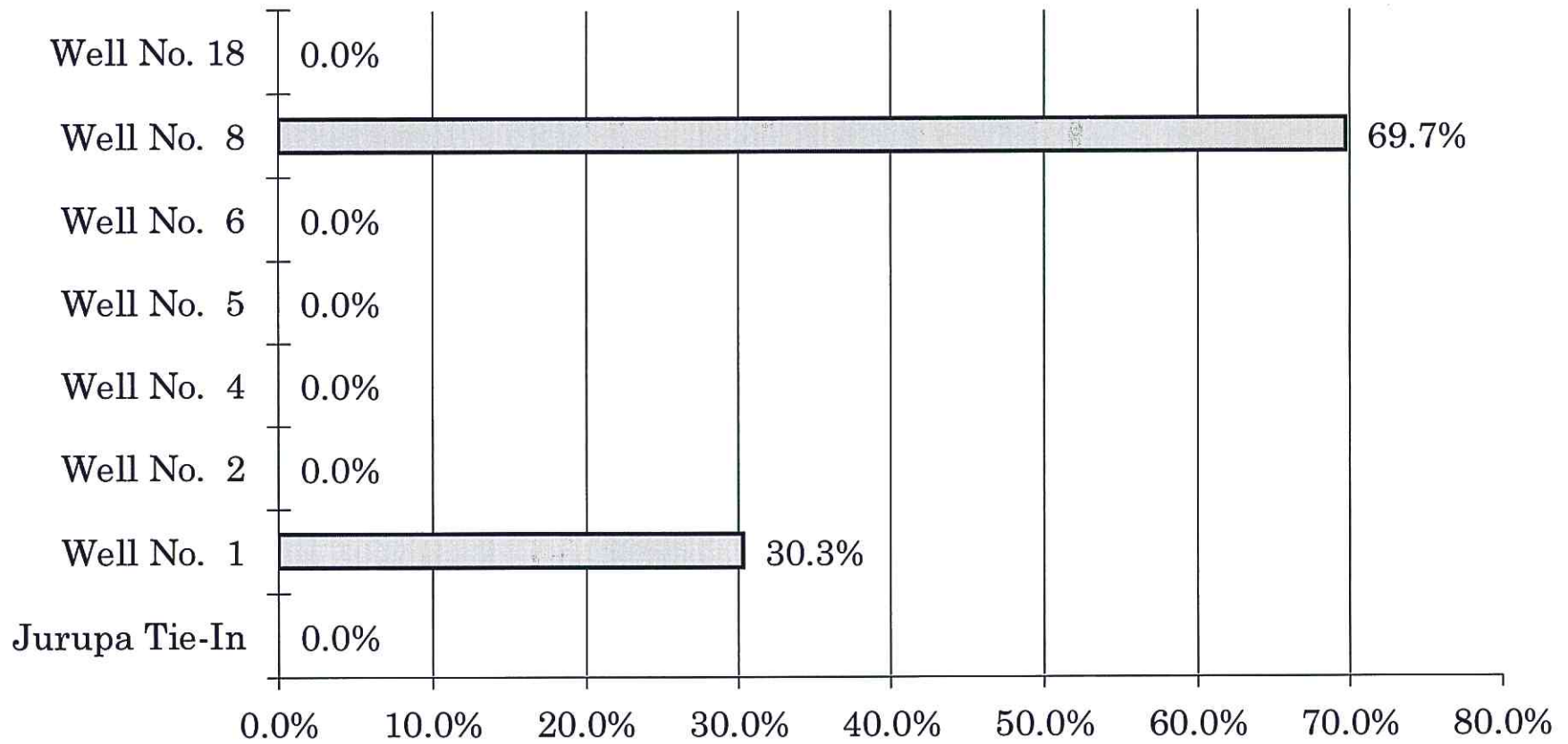


Max Production      **827.9 AF**  
 Monthly Production    **308.8 AF**  
 Reserve Production    **519.2 AF**

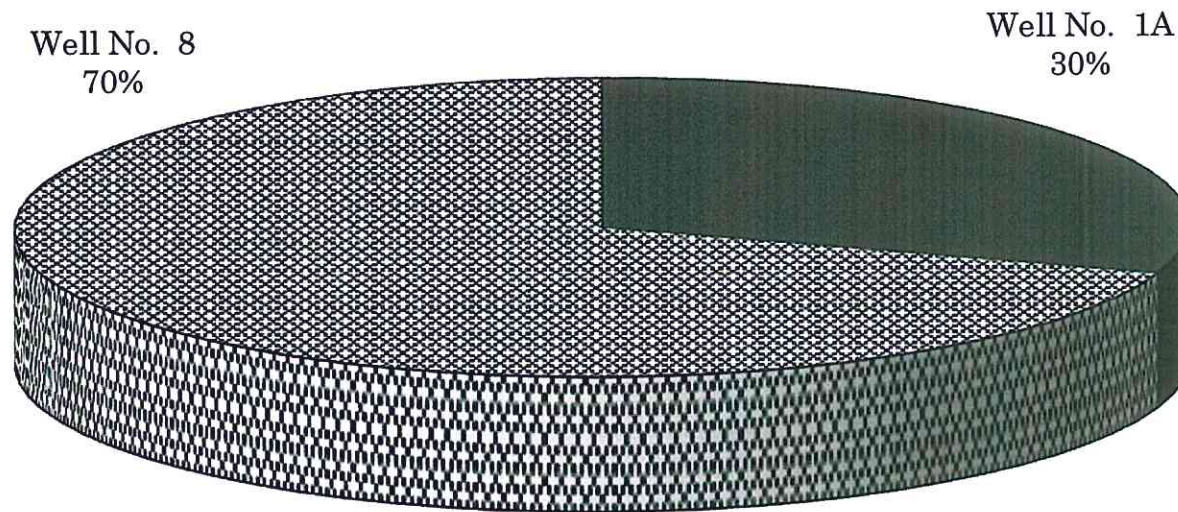
**ACRE FEET**

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

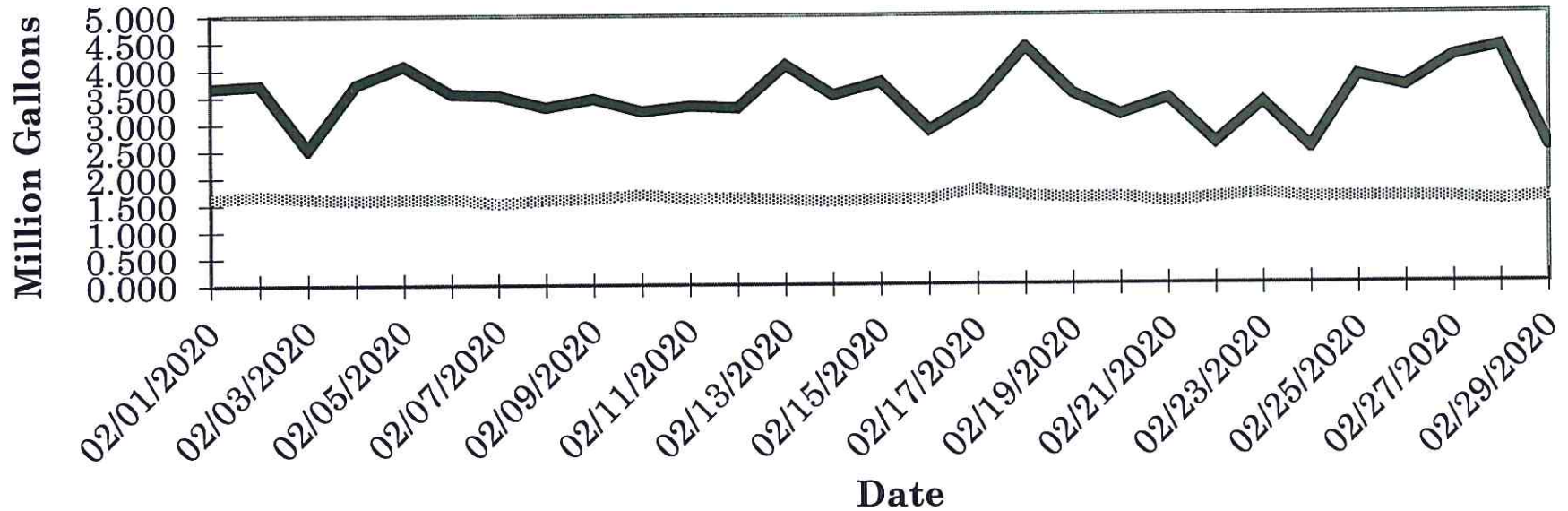
## Source Potable Production Comparison February 2020



# Source Potable Production Comparison February 2020



# Potable Water & Wastewater Comparison February 2020



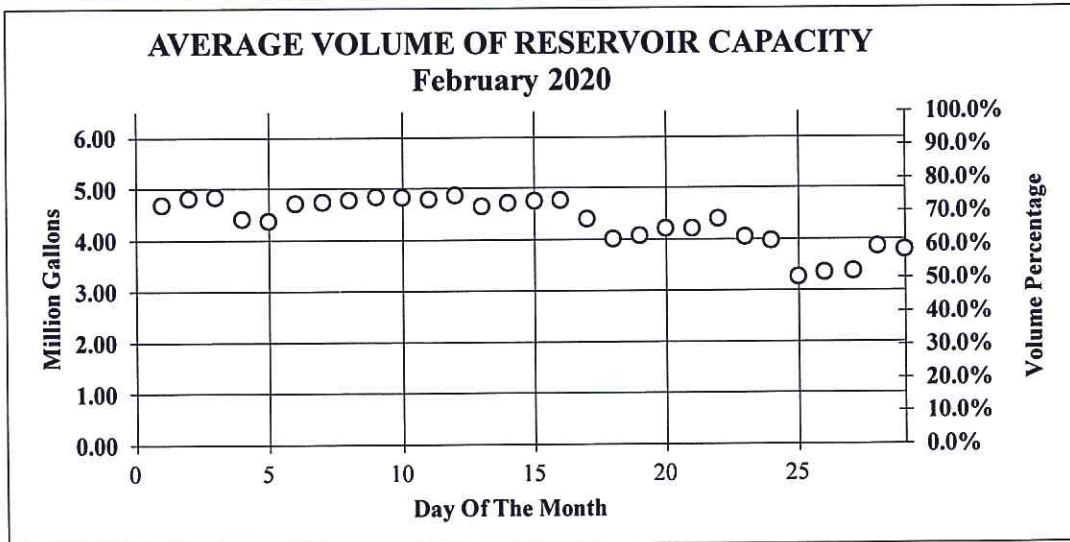
— Potable Water Prod.

..... Wastewater Prod.

# RUBIDOUX COMMUNITY SERVICES DISTRICT

## Reservoir Capacity Report

CAPACITY	ATKINSON SYSTEM		HUNTER SYSTEM		WATER AVAILABLE (Gallons)*	PERCENTAGE OF TOTAL CAPACITY
	2,000,000	3,000,000	425,000	1,000,000		
DATE	ATKINSON	WATSON	HUNTER I	PERRONE		
02/01/2020	74.1	69.9	79.4	78.0	4,678,728	72.8%
02/02/2020	76.9	72.0	78.9	77.8	4,809,728	74.9%
02/03/2020	78.8	73.5	69.0	74.9	4,837,336	75.3%
02/04/2020	71.4	67.8	34.5	78.7	4,400,658	68.5%
02/05/2020	73.0	69.0	20.1	76.9	4,366,467	68.0%
02/06/2020	75.0	70.6	71.8	78.6	4,713,529	73.4%
02/07/2020	74.6	70.2	80.9	78.3	4,733,895	73.7%
02/08/2020	75.7	71.2	81.0	77.4	4,768,395	74.2%
02/09/2020	77.3	72.3	81.5	76.9	4,829,392	75.2%
02/10/2020	76.3	71.6	81.3	77.7	4,815,417	74.9%
02/11/2020	75.5	70.9	80.2	78.5	4,781,018	74.4%
02/12/2020	76.3	71.5	82.5	81.3	4,865,534	75.7%
02/13/2020	72.9	69.0	79.7	78.1	4,646,230	72.3%
02/14/2020	74.8	70.4	80.1	77.7	4,709,850	73.3%
02/15/2020	75.4	70.9	80.6	78.5	4,751,160	73.9%
02/16/2020	75.3	70.9	80.0	78.3	4,757,928	74.1%
02/17/2020	66.7	64.2	79.7	78.8	4,390,628	68.3%
02/18/2020	69.7	66.4	56.9	39.2	4,004,439	62.3%
02/19/2020	75.5	70.8	72.7	10.7	4,063,111	63.2%
02/20/2020	77.9	72.8	63.2	17.4	4,197,735	65.3%
02/21/2020	75.1	70.5	72.3	28.9	4,203,935	65.4%
02/22/2020	78.6	73.3	77.2	28.9	4,398,432	68.5%
02/23/2020	70.5	67.1	77.5	28.9	4,036,768	62.8%
02/24/2020	64.4	62.8	76.4	48.2	3,962,414	61.7%
02/25/2020	33.9	49.2	80.9	77.8	3,258,351	50.7%
02/26/2020	2.7	72.3	77.9	78.2	3,348,114	52.1%
02/27/2020	9.7	68.1	78.5	79.1	3,370,208	52.5%
02/28/2020	26.2	73.5	79.0	77.9	3,851,300	59.9%
02/29/2020	26.1	72.2	79.4	76.3	3,792,852	59.0%

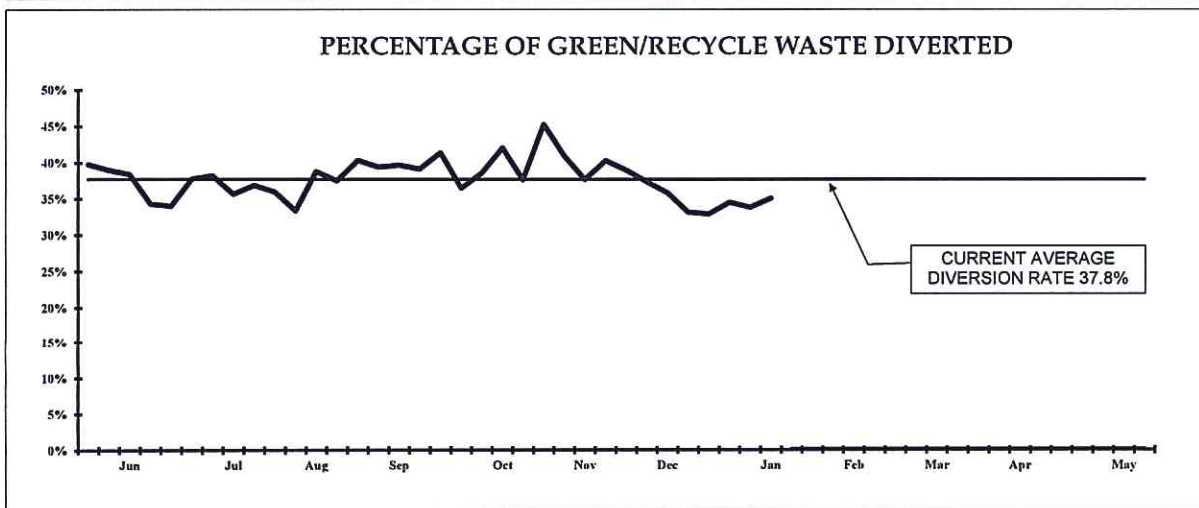
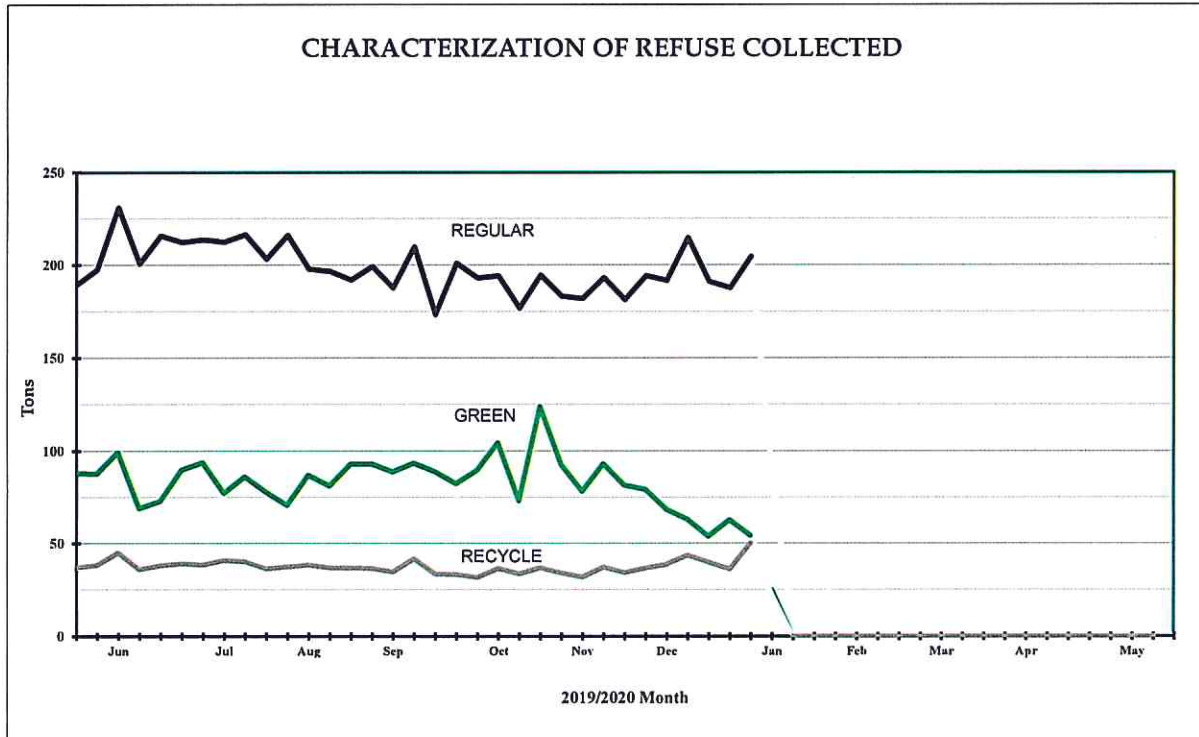


\* The total capacity of all District reservoirs is 6,425,000 gallons.

### RUBIDOUX COMMUNITY SERVICES DISTRICT Green Waste Program (May 19 to June 20)

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	1,069	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	8,870	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	9,242	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%
05/13/2019	Yr 26	16.06	17.19	14.42	18.16	22.23	7.75	6.55	5.67	9.56	7.35	44.72	30.81	29.21	44.06	40.28	88.06	36.88	189.08	314.02	39.8%
05/20/2019	Yr 26	21.76	15.79	13.98	13.49	22.65	8.17	7.55	6.27	9.67	6.56	43.47	39.57	29.47	43.93	40.96	87.67	38.22	197.40	323.29	38.9%
05/27/2019	Yr 26	23.88	19.05	14.60	22.61	19.08	9.59	8.09	6.93	10.58	9.58	47.23	46.59	36.32	50.58	50.17	99.22	44.77	230.89	374.88	38.4%
06/03/2019	Yr 26	17.48	16.80	8.84	7.37	18.34	7.75	7.43	5.30	9.60	5.83	42.26	36.12	30.55	48.58	42.97	68.83	35.91	200.48	305.22	34.3%
06/10/2019	Yr 26	17.25	12.84	8.86	16.99	16.97	8.94	7.12	5.73	8.09	8.13	45.62	38.34	37.45	45.12	48.95	72.91	38.01	215.48	326.40	34.0%
06/17/2019	Yr 26	19.33	16.55	11.62	18.37	23.95	7.14	7.28	6.18	10.53	7.81	48.08	38.68	34.38	49.16	41.73	89.82	38.94	212.03	340.79	37.8%
06/24/2019	Yr 26	17.92	21.15	13.12	20.93	20.62	7.64	7.33	6.24	9.93	7.21	47.20	38.08	32.97	46.81	48.50	93.74	38.35	213.56	345.65	38.2%
07/01/2019	Yr 26	19.48	16.26	8.84	10.83	21.69	8.17	7.27	5.83	11.48	7.93	44.98	37.85	34.07	51.04	44.41	77.10	40.68	212.35	330.13	35.7%
07/08/2019	Yr 26	21.67	15.67	9.07	21.28	18.59	9.14	7.76	6.28	10.48	6.39	48.24	42.00	39.42	43.51	43.06	86.28	40.05	216.23	342.56	36.9%
07/15/2019	Yr 26	17.74	13.16	6.95	18.41	21.60	7.63	6.98	5.49	9.17	6.96	45.25	38.28	32.46	42.44	44.63	77.86	36.23	203.06	317.15	36.0%
07/22/2019	Yr 26	18.31	15.13	11.75	10.48	15.05	7.95	7.00	5.65	9.87	6.78	45.24	35.51	31.73	52.75	50.62	70.72	37.25	215.85	323.82	33.3%
07/29/2019	Yr 26	15.27	19.70	14.39	17.56	20.17	7.66	8.21	5.73	10.39	6.40	46.43	34.32	28.77	43.12	45.15	87.09	38.39	197.79	323.27	38.8%
08/05/2019	Yr 26	17.69	18.35	9.96	16.63	18.48	7.25	6.48	5.71	10.42	6.95	43.24	29.78	34.17	42.05	47.32	81.11	36.81	196.56	314.48	37.5%
08/12/2019	Yr 26	21.95	17.34	13.39	18.21	21.95	8.09	7.40	5.64	9.00	6.70	43.44	35.65	29.09	44.64	39.11	92.84	36.83	191.93	321.60	40.3%
08/19/2019	Yr 26	21.93	14.08	14.12	20.09	22.89	6.95	6.70	5.61	9.79	7.34	42.73	38.62	32.16	45.65	39.77	93.11	36.39	198.93	328.43	39.4%
08/26/2019	Yr 26	19.73	17.11	13.05	18.80	20.04	7.33	6.43	5.43	8.88	6.52	40.62	38.09	28.33	42.07	38.41	88.73	34.59	187.52	310.84	39.7%
09/02/2019	Yr 26	21.60	16.04	14.56	19.81	21.41	8.92	7.78	6.50	10.72	7.63	46.08	42.40	30.88	46.52	43.77	93.42	41.55	209.65	344.62	39.2%
09/09/2019	Yr 26	20.64	16.77	12.27	17.84	21.31	6.49	6.21	5.03	9.45	6.36	39.86	31.13	25.19	40.05	36.98	88.83	33.54	173.21	295.58	41.4%
09/16/2019	Yr 26	18.53	14.44	11.97	15.82	21.63	7.49	5.92	4.38	8.90	6.35	44.67	40.12	30.39	42.61	43.01	82.39	33.04	200.80	316.23	36.5%
09/23/2019	Yr 26	18.31	14.63	16.07	17.80	22.89	6.52	6.06	3.69	8.65	6.67	43.46	34.58	27.24	42.70	44.93	89.70	31.59	192.91	314.20	38.6%
09/30/2019	Yr 26	25.71	20.46	15.04	20.00	23.20	7.98	6.70	5.70	9.28	6.82	42.77	35.14	29.39	43.86	43.02	104.41	36.48	194.18	335.07	42.0%
10/07/2019	Yr 26	19.24	9.28	12.35	15.46	16.84	7.21	6.27	6.04	8.41	5.63	40.11	36.40	25.42	40.61	34.17	73.17	33.56	176.71	283.44	37.7%
10/14/2019	Yr 26	28.37	23.03	18.86	20.25	33.26	7.27	6.52	4.73	9.54	8.71	39.40	35.37	29.54	45.23	44.87	123.77	36.77	194.41	354.95	45.2%
10/21/2019	Yr 26	22.45	18.01	12.80	19.06	20.39	7.16	6.37	4.90	8.60	6.96	41.51	33.19	28.95	41.58	37.74	92.71	33.99	182.97	309.67	40.9%
10/28/2019	Yr 26	19.84	11.88	11.54	16.21	18.73	6.64	6.18	4.82	7.76	6.35	39.01	39.62	25.73	38.61	38.79	78.20	31.75	181.76	291.71	37.7%
11/04/2019	Yr 26	21.57	16.69	13.76	18.54	22.60	7.50	6.69	5.74	10.51	6.72	41.16	34.02	30.03	46.81	40.98	93.16	37.16	193.00	323.32	40.3%
11/11/2019	Yr 26	19.18	14.83	11.20	16.67	19.59	6.78	6.03	5.16	9.21	6.91	37.80	33.21	26.84	42.88	40.40	81.47	34.09	181.13	296.69	38.9%
11/18/2019	Yr 26	18.85	14.23	12.13	16.78	17.31	7.98	6.83	5.94	8.77	7.10	41.98	37.70	29.15	43.69	41.57	79.30	36.62	194.09	310.01	37.4%
11/25/2019	Yr 26	17.21	12.62	10.82	13.71	14.09	7.53	6.52	5.83	10.05	8.67	43.00	34.19	28.58	42.82	42.91	68.45	38.60	191.50	298.55	35.9%
12/02/2019	Yr 26	16.40	10.11	8.25	14.09	14.26	8.57	7.86	7.69	11.58	7.74	49.15	40.12	40.63	44.76	39.95	63.11	43.44	214.61	321.16	33.2%
12/09/2019	Yr 26	9.55	9.62	8.46	13.47	12.70	8.57	7.56	6.50	9.86	7.30	40.27	35.30	29.10	45.22	40.99	53.80	39.79	190.88	284.47	32.9%
12/16/2019	Yr 26	14.96	10.56	9.31	12.16	15.81	8.21	6.43													

RUBIDOUX COMMUNITY SERVICES DISTRICT  
 Green Waste Program  
 (May 19 to June 20)



**CAL FIRE/Riverside County Fire Department**

**Emergency Incident Statistics**



**Shawn C. Newman**

**Fire Chief**

3/2/2020

**Report Provided By: Riverside County Fire Department**

**Communications and Technology Division**

**GIS Section**

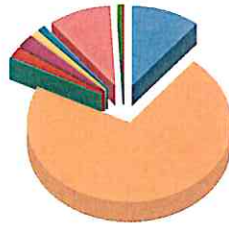
**Please refer to Map and Incident by Battalion, Station, Jurisdiction**

Incidents Reported for the month of February 2020 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 February 2020 and Special District Rubidoux CSD And Both (Code 2, Alpha, Omega, Code 3, Charlie, Delta, Bravo, Echo)**



False Alarm	29	10.9%
Medical	191	71.5%
Multi-Fam Dwelling Fire	1	0.4%
Other Fire	5	1.9%
Other Misc	7	2.6%
Public Service Assist	3	1.1%
Standby	3	1.1%
Traffic Collision	26	9.7%
Vehicle Fire	1	0.4%
Wildland Fire	1	0.4%
<b>Total:</b>	<b>267</b>	<b>100.0%</b>

False Alarm	29
Medical	191
Multi-Fam Dwelling Fire	1
Other Fire	5
Other Misc	7
Public Service Assist	3
Standby	3
Traffic Collision	26
Vehicle Fire	1
Wildland Fire	1
<b>Incident Total:</b>	<b>267</b>

### 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
171	90	13	0	4.8	64.0%

\*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	Multi-Fa m	Other Fire	Other Misc	Public Service	Standby	Traffic Collisio	Vehicle Fire	Wildlan d Fire	Total
<b>Special District</b>	Station Out of Jurisdiction Call	Out of Jurisdiction Call	1	0	0	0	0	0	0	0	0	0	1
		Station Total	1	0	0	0	0	0	0	0	0	0	1
	<b>Battalion Total</b>			1	0	0	0	0	0	0	0	0	0
<b>Battalion 14</b>	Station 16 Pedley	City of Jurupa Valley	0	3	0	0	0	0	0	0	0	0	3
		Station Total	0	3	0	0	0	0	0	0	0	0	3
	Station 18 West Riverside	City of Jurupa Valley	1	9	0	0	0	2	0	2	0	0	14
		Station Total	1	9	0	0	0	2	0	2	0	0	14
	Station 38 Rubidoux	City of Jurupa Valley	27	179	1	5	7	1	3	24	1	1	249
		Station Total	27	179	1	5	7	1	3	24	1	1	249
<b>Battalion Total</b>			28	191	1	5	7	3	3	26	1	1	266
<b>Grand Total</b>			29	191	1	5	7	3	3	26	1	1	267

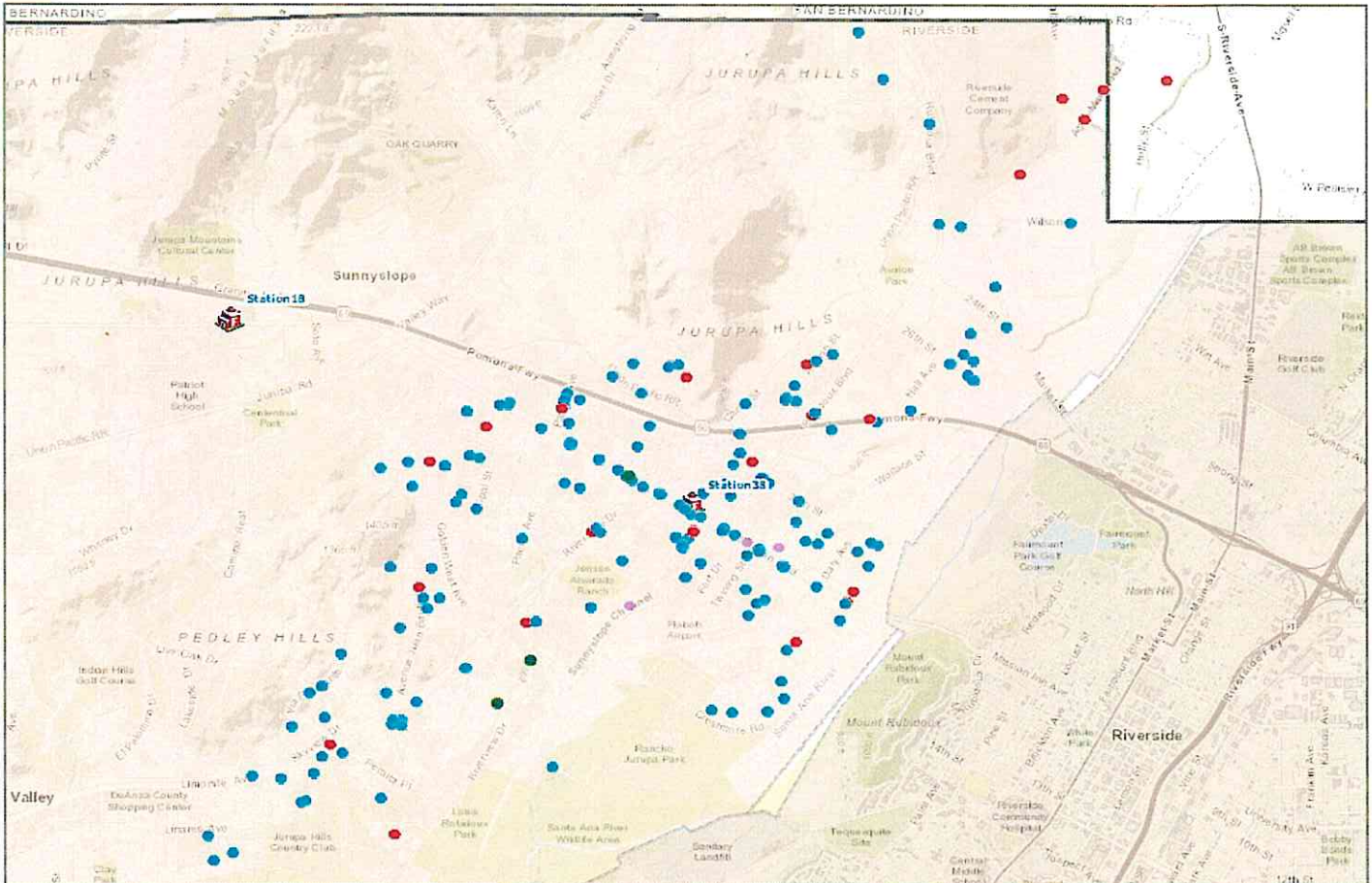
**Incidents by Jurisdiction**

	False Alarm	Medical	Multi-Fa m	Other Fire	Other Misc	Public Service	Standby	Traffic Collisio	Vehicle Fire	Wildlan d Fire	Total
City of Jurupa Valley	28	191	1	5	7	3	3	26	1	1	266
Out of Jurisdiction Call	1	0	0	0	0	0	0	0	0	0	1
<b>Grand Total</b>	<b>29</b>	<b>191</b>	<b>1</b>	<b>5</b>	<b>7</b>	<b>3</b>	<b>3</b>	<b>26</b>	<b>1</b>	<b>1</b>	<b>267</b>

**Incidents by Supervisorial District - Summary**

	DISTRICT 2 KAREN SPIEGEL	NOT TIED TO DISTRICT	Grand Total
False Alarm	28	1	29
Medical	191	0	191
Multi-Fam Dwelling Fire	1	0	1
Other Fire	5	0	5
Other Misc	7	0	7
Public Service Assist	3	0	3
Standby	3	0	3
Traffic Collision	26	0	26
Vehicle Fire	1	0	1
Wildland Fire	1	0	1
<b>Total</b>	<b>286</b>	<b>1</b>	<b>287</b>

MONTH = 2 and YEAR = 2020 and SPECIAL = 'Rubidoux CSD'



**Legend**

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



Riverside County Fire GIS

Last Updated 3/2/2020 3:1

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

**CAL FIRE/Riverside County Fire Department**

**Emergency Incident Statistics**

**February 2010 - February 2020**



**Rubidoux Community Service District**



## Total Calls for Rubidoux CSD February 2010-2020



<u>Month/Year</u>	<u>Total Calls for Station 38</u>	<u>Total Calls for District</u>
February 2010	144	151
February 2011	174	181
February 2012	168	182
February 2013	213	224
February 2014	203	218
February 2015	223	235
February 2016	242	248
February 2017	224	234
February 2018	215	235
February 2019	204	217
February 2020	249	267

**CAL FIRE/Riverside County Fire Department**

**Emergency Incident Statistics**



**Shawn C. Newman**

**Fire Chief**

3/2/2020

**Report Provided By: Riverside County Fire Department**

**Communications and Technology Division**

**GIS Section**

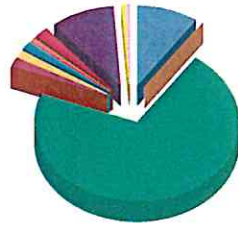
**Please refer to Map and Incident by Battalion, Station, Jurisdiction**

Incidents Reported for the month of February, 2020 and City of Jurupa Valley 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 February, 2020 and City of Jurupa Valley And Both (Code 2, Alpha, Omega, Code 3, Charlie, Delta, Bravo, Echo)



False Alarm	85	9.7%
Haz Mat	1	0.1%
Medical	623	71.1%
Multi-Fam Dwelling Fire	1	0.1%
Other Fire	15	1.7%
Other Misc	12	1.4%
Public Service Assist	15	1.7%
Res Fire	6	0.7%
Ringing Alarm	1	0.1%
Standby	20	2.3%
Traffic Collision	87	9.9%
Vehicle Fire	5	0.6%
Wildland Fire	5	0.6%
<b>Total:</b>	<b>876</b>	<b>100.0%</b>

False Alarm	85
Haz Mat	1
Medical	623
Multi-Fam Dwelling Fire	1
Other Fire	15
Other Misc	12
Public Service Assist	15
Res Fire	6
Ringing Alarm	1
Standby	20
Traffic Collision	87
Vehicle Fire	5
Wildland Fire	5
<b>Incident Total:</b>	<b>876</b>

### 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
537	328	38	4	5.0	61.3%

\*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	Multi-Fa m	Other Fire	Other Misc	Public Service	Res Fire	Ringling Alarm	Standby	Traffic Collisio	Vehicle Fire	Wildlan d Fire	Total
<b>Battalion 4</b>	Station 47 Norco	City of Jurupa Valley	2	0	0	0	0	0	0	0	0	0	2	0	1	5
		<b>Station Total</b>	2	0	0	0	0	0	0	0	0	0	2	0	1	5
		<b>Battalion Total</b>	2	0	0	0	0	0	0	0	0	0	2	0	1	5
<b>Battalion 14</b>	Station 16 Pedley	City of Jurupa Valley	16	0	147	0	6	2	3	2	0	5	16	0	2	199
		<b>Station Total</b>	16	0	147	0	6	2	3	2	0	5	16	0	2	199
	Station 17 Glen Avon	City of Jurupa Valley	24	0	140	0	1	2	5	1	1	7	19	2	1	203
		<b>Station Total</b>	24	0	140	0	1	2	5	1	1	7	19	2	1	203
	Station 18 West Riverside	City of Jurupa Valley	13	0	136	0	3	1	4	1	0	2	21	2	0	183
		<b>Station Total</b>	13	0	136	0	3	1	4	1	0	2	21	2	0	183
	Station 27 Eastvale	City of Jurupa Valley	1	1	19	0	0	0	2	2	0	2	3	0	0	30
		<b>Station Total</b>	1	1	19	0	0	0	2	2	0	2	3	0	0	30
	Station 38 Rubidoux	City of Jurupa Valley	29	0	181	1	5	7	1	0	0	4	26	1	1	268
		<b>Station Total</b>	29	0	181	1	5	7	1	0	0	4	26	1	1	268
		<b>Battalion Total</b>	83	1	623	1	15	12	15	6	1	20	85	5	4	871
<b>Grand Total</b>			85	1	623	1	15	12	15	6	1	20	87	5	5	876

**Incidents by Jurisdiction**

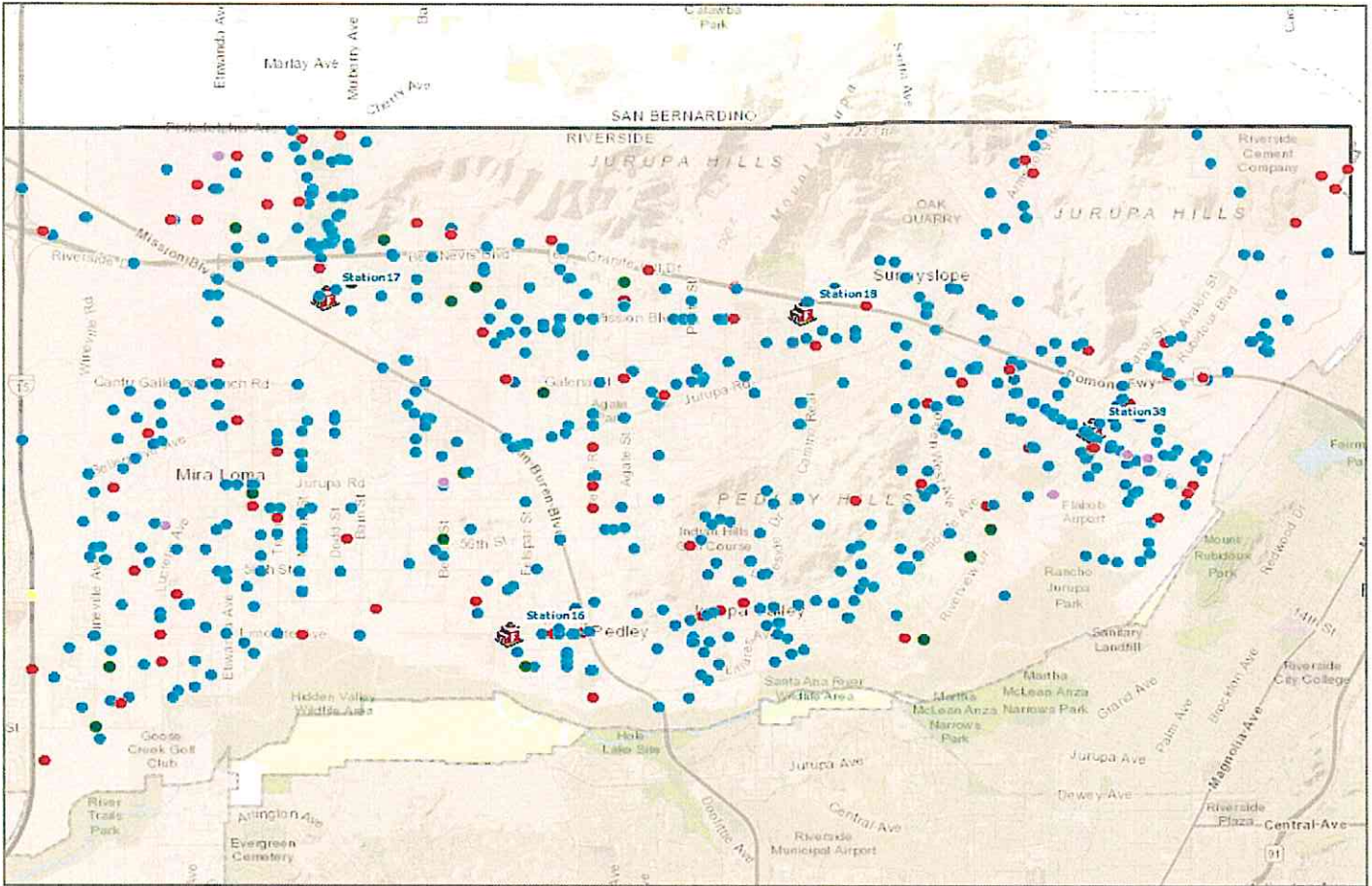
	False Alarm	Haz Mat	Medical	Multi-Fa m	Other Fire	Other Misc	Public Service	Res Fire	Ringin g Alarm	Standby	Traffic Collisio n	Vehicle Fire	Wildlan d Fire	Total
City of Jurupa Valley	85	1	623	1	15	12	15	6	1	20	87	5	5	876
<b>Grand Total</b>	<b>85</b>	<b>1</b>	<b>623</b>	<b>1</b>	<b>15</b>	<b>12</b>	<b>15</b>	<b>6</b>	<b>1</b>	<b>20</b>	<b>87</b>	<b>5</b>	<b>5</b>	<b>876</b>

\*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**

	<b>DISTRICT 2 KAREN SPIEGEL</b>	<b>Grand Total</b>
False Alarm	85	85
Haz Mat	1	1
Medical	623	623
Multi-Fam Dwelling Fire	1	1
Other Fire	15	15
Other Misc	12	12
Public Service Assist	15	15
Res Fire	6	6
Ringin Alarm	1	1
Standby	20	20
Traffic Collision	87	87
Vehicle Fire	5	5
Wildland Fire	5	5
<b>Total</b>	<b>876</b>	<b>876</b>

MONTH = 2 and YEAR = 2020 and CITYNAME = 'Jurupa Valley'



**Legend**

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



Riverside County Fire GIS

9. MEMORANDUM OF UNDERSTANDING WITH JURUPA  
COMMUNITY SERVICES DISTRICT REGARDING COOPERATIVE  
WATER SUPPLY ALTERNATIVES:  
**DM 2020-14**

# Rubidoux Community Services District

## Board of Directors

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

## General Manager

Steven W. Appel



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

**DIRECTORS MEMORANDUM 2020-14**

March 19, 2020

To:     Rubidoux Community Services District  
         Board of Directors

Subject: Consider Memorandum of Understanding Regarding Cooperative Efforts To Expand And Improve Water Supply Availability

## **BACKGROUND:**

Rubidoux Community Services District (“Rubidoux”) and Jurupa Community Services District (“Jurupa”) provide water service to customers within their respective service boundaries. Currently both agencies are 100% reliant on groundwater pumped out of local groundwater basins to meet customer potable water demands.

Although a common goal of the agencies is to maximize the beneficial use of local groundwater supplies, there are limitations on groundwater. Reliability of groundwater fluctuates on many factors such as:

- Groundwater basin recharge. Extended drought conditions impact volume of water recharged and made available for future pumping.
- Quality degradation. Independent of the volume of water available to pump, the water must meet all State of California Department of Drinking Water (“DDW”) requirements prior to delivery to customers. Emerging contaminants of concern present threats to supply. An example of this are PFAS Compounds. DDW has recently lowered Notification Limits and Response Limits for PFAS Compounds which has impacted many water utilities throughout the state. Both Jurupa and the District are significantly impacted by this.
- Historical pumping rights. Many basins have fixed pumping rights for extractor agencies limiting the physical amount of water that can be pumped on an annual basis.

Through master planning efforts, Jurupa has identified it will need approximately 10,000 acre-feet per year (“AFY”) of additional water supply to meet projected ultimate water demands within its service boundary. This additional supply need is exacerbated by reduction of current groundwater supply removed from service in response to DDW’s recent lowering of the Notification and Response Limits for PFAS compounds. Rubidoux pumps out of the Riverside South Basin which has and continues to be very reliable in terms of volume of water, but the quality of water requires treatment for a variety of contaminants. Besides the recent quality

complications raised with PFAS compounds, total dissolved solids (“TDS”) or commonly referred to as salts, presents issues with the concentration of TDS in sewer sent to the City of Riverside for treatment and disposal. The City of Riverside’s NPDES Discharge Permit has a 650 mg/l limit for TDS. Rubidoux’s potable water supply has an ambient TDS concentration of approximately 530 to 540 mg/l. With a customer use of the potable water, TDS is added raising the TDS concentration in the sewer delivered to the City of Riverside from the Rubidoux to approximately 730 to 750 mg/l. This is above the City of Riverside’s TDS limit of 650 mg/l.

Given both agencies have common water supply issues and are geographically adjacent one another, staff at both agencies have discussed cooperatively working together to evaluate potential water supply alternatives. To that end the attached *Memorandum of Understanding Regarding Cooperative Efforts To Expand And Improve Water Supply Availability* (“MOU”) has been drafted for consideration by both agency Board of Directors. The MOU proposes the agencies will coordinate and collaborate in studies, preliminary engineering, understanding of institutional issues, regulatory requirements and environmental criteria associated with various potable water supply projects such as:

- Increased groundwater supply from Riverside Basin
- Imported water supply from Metropolitan Water District facilities
- Increased water supply from Chino Basin
- Reuse of recycled water benefiting groundwater recharge or otherwise offsetting potable water demands

Cost sharing is contemplated as being shared equally for preliminary efforts. Costs sharing for preliminary efforts performed under this MOU will be brought to the Board for approval. As project or projects are identified to move beyond initial preliminary efforts with this MOU and require additional expenses, the agencies will enter into future agreements refining cost sharing and allocation of project benefits.

Viable water supply projects from this effort would be included into Rubidoux’s Water and Sewer Masterplan updates. The updated masterplans would then serve as a basis for staff to develop a revenue strategy to support implementation of the water supply projects.

## **RECOMMENDATION**

Staff recommends the Board of Directors authorize the Assistant General Manager to sign the attached - *Memorandum of Understanding Regarding Cooperative Efforts To Expand And Improve Water Supply Availability* between Jurupa and Rubidoux.

Respectfully,



JEFFREY D. SIMS, P.E.  
Assistant General Manager

Attachment:

1. MOU Regarding Cooperative Efforts To Expand And Improve Water Supply Availability



**MEMORANDUM OF UNDERSTANDING  
REGARDING  
COOPERATIVE EFFORTS TO EXPAND AND IMPROVE WATER SUPPLY AVAILABILITY**

**THIS MEMORANDUM OF UNDERSTANDING (“MOU”)** is made and entered into by and between Jurupa Community Services District, a public agency (“Jurupa”), and Rubidoux Community Services District, a public agency (“Rubidoux”). Jurupa and Rubidoux may be collectively referred to herein as “Parties” and individually as “Party.”

Recitals

- A. Both Jurupa and Rubidoux are community services districts formed to provide various public services to customers within their respective service boundaries including potable water supply and sewer collection and disposal services; and
- B. Jurupa and Rubidoux are currently wholly dependent on local groundwater resources to meet potable water demands of its customers within their service areas. Both Parties have committed significant financial resources to access, treat, transmit, distribute and store available local groundwater resources; and
- C. The Parties are adjacent each other geographically and in recognition of a common interest to maintain reliable and continuous potable water supply for their customers, the Parties shared in the costs to design and construct an interagency connection allowing the flow of potable water in either direction between the Parties; and
- D. The Parties are public agencies within Western Municipal Water District’s (“Western”) general district boundary. Western was formed in 1954, in part, to make available through the Metropolitan Water District of Southern California (“MWD”) imported water supplies to supplement local water resources of the public agencies within its’ general district boundary. Both Parties provide funding to Western through customer property taxes collected within the Parties’ service areas; and
- E. Rubidoux is a multi-county agency, Riverside and San Bernardino, with part of its customers served potable water by West Valley Water District, an agency supplied imported water from San Bernardino Valley Municipal Water District. San Bernardino Valley Municipal Water District has access to State Water Project water; and
- F. Local groundwater resources available to the Parties is limited and subject to increasing water quality concerns. Water quality issues facing local groundwater resources include, but are not limited to, total dissolved solids (“TDS”), nitrates, 1,2,3 TCP, Perchlorate, Manganese, and PFAS Compounds; and

G. Both Parties have water master plans estimating ultimate potable water demands based on current and planned land uses within their service areas. The projected ultimate potable water demands exceed potable water supplies currently available; and

H. The Parties recognize there is a continued common interest to cooperatively investigate water supply alternatives optimizing use of available local groundwater supplies either in the Riverside Basin or Chino Basin, and imported water supply alternatives through agencies having access to imported water supplies, and

I. In an effort to benefit customers and ratepayers within their respective services areas, the Parties desire to memorialize their understandings with this MOU to cooperatively work together to investigate water supply alternatives, whether local or imported, that will increase potable water supply in an economic and efficient manner.

**NOW THEREFORE** the Parties enter this MOU with the following understandings:

#### Understandings

1. Need for additional potable water supply: The Parties confirm through current master planning efforts the need for additional potable water supplies to meet projected ultimate potable water demands and water quality objectives within each of their respective service areas.

2. Cooperative effort: The Parties will coordinate and collaborate in studies, preliminary engineering, understanding of institutional issues, regulatory requirements and environmental criteria associated with various potable water supply projects such as:

- a. Increased groundwater supply from Riverside Basin
- b. Imported water from MWD facilities through new or existing MWD Member Agency meter(s)
- c. Increased water supply from Chino Basin
- d. Reuse of recycled water benefiting groundwater recharge or otherwise offsetting potable water demands.

3. Desired Outcomes of Cooperative Effort: The Parties agree outcomes of the cooperative effort will include, but not be limited to:

- a. Increase of potable supply
- b. TDS mitigation such that TDS concentrations within sewer discharged to the City of Riverside by either Party will be low enough so the recycled water discharged to the Santa Ana River is at or below the TDS limits established within the NPDES Permit issued by the Regional Water Quality Control Board
- c. Capital and operational and maintenance cost of water is economically viable

- d. Supply is sustainable and reliable – both in quantity and quality
- e. Identification of potential capital funding opportunities

4. Cost Sharing: The Parties agree to share equally in expenses to prepare “Order of Magnitude” cost estimates for potable water supply alternatives. The water supply alternatives would identify estimated yield of water on an annual basis, location of facilities, sources of supply, estimated design and construction costs, and operational costs based on preliminary / study level analyses. An “Order of Magnitude Estimate” is defined as:

An approximate estimate made without detailed engineering data. Some examples are – an estimate from cost-capacity curves, an estimate using scale-up or down factors, and an approximate ratio estimate. An estimate of this type is normally expected to be accurate within plus 50 percent or minus 30 percent.

5. Use of Consultants: It is anticipated consultant support will be utilized to evaluate alternatives and develop Order of Magnitude cost estimates. The Party acting as lead in hiring consultants to assist the Parties on supply alternative(s) will provide the other Party the proposal for review and input. It is recognized and acknowledged by the Parties that Board of Director authorization may be necessary for commitment of cost sharing due to the amount of the consultant proposal. The Parties agree to provide up to sixty (60) days to obtain any necessary Board of Director approvals. Parties will provide each other appropriate written documentation of cost sharing commitments.

This MOU will serve as the general basis of understanding between the Parties. As specific work effort is defined necessitating use of consultants, the Parties will each execute and provide to the other a signed copy of a Project Identification Form, attached hereto as Exhibit 1. The Project Identification Form will indicate:

- a. Project name
- b. Brief description of project
- c. Scope of consultant work to be performed
- d. Cost of consultant work
- e. Timing of work
- f. Percent commitment by each Party

The Project Identification Form will have appropriate authorizations from each Party.

6. Staff Expenses: The Parties agree each Party will contribute all expenses associated with staff labor expended on development of Order of Magnitude Cost Estimates for potable water supply alternatives.

7. Prior Expenses: The Parties agree any expenses expended on development of water supply alternatives prior to the effective date of this MOU are contributed to the cooperative

effort and there are no expectations of reimbursement. Excluded from this section are costs a Party may have already invested in physical water supply facilities or resources, that are included into a shared water supply project benefitting both Parties. For example – an existing well or group of existing wells of one Party are aggregated to provide raw water to a shared treatment facility that produces treated potable water for the benefit of both Parties. In this type of scenario, a cost allocation would need to be defined using methodology for equitable cost sharing / buy-in allocation.

8. Reconciliation of Expenses to Benefits: If a water supply project or projects is identified to move beyond this initial study effort, the Parties may elect to cooperate in the development of a future agreement to support development of a Preliminary Design Report, or next appropriate level of effort, to further refine the project or projects.

9. Future Agreements: The Parties acknowledge and agree expenses to move a water supply project beyond initial planning Order of Magnitude effort may be substantial. As such the Parties agree to cooperatively collaborate on Future Agreements to further define terms regarding continued partnering on potable water supply projects.

10. Grant Pursuit: The Parties acknowledge and agree to pursue and support each other in the pursuit of grants.

11. Effective Date of MOU: The MOU is effective the date of the signature of the Party last signing this MOU.

12. Term of MOU: The MOU remains in effect until June 30, 2022 unless terminated earlier which can be done by either Party with sixty (60) days written notice to the other Party and full payment of any cost sharing amounts owed. The MOU can be extended as mutually agreed upon by the Parties.

**IN WITNESS WHEREOF**, the Parties have executed this MOU as of the last date indicated below.

**JURUPA COMMUNITY SERVICES DISTRICT**

**RUBIDOUX COMMUNITY SERVICES DISTRICT**

By: \_\_\_\_\_  
Chris Berch

By: \_\_\_\_\_  
Jeff Sims

Title: General Manager

Title: Assistant General Manager

Date: \_\_\_\_\_

Date: \_\_\_\_\_

EXHIBIT "A"

PROJECT IDENTIFICATION FORM  
In regards to  
MOU REGARDING COOPERATIVE EFFORTS TO EXPAND WATER SUPPLY  
JCSD & RCSD

Project Name: \_\_\_\_\_

Description: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Cost Share:                      RCSD \_\_\_\_\_ %                      JCSD \_\_\_\_\_ %

Consultant's Name: \_\_\_\_\_

This Job: \_\_\_\_\_

Address: \_\_\_\_\_

Liaison's Name: \_\_\_\_\_

City, Zip: \_\_\_\_\_

Liaison's Phone: \_\_\_\_\_

Office Phone: \_\_\_\_\_

FAX #: \_\_\_\_\_

Description: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

JCSD and RCSD agree to cost share based on the percentages indicated above for the work identified in this Project Identification Form. Each Party agrees to pay the Party who hires and manages the Consultant within thirty (30) days of upon receipt of being invoiced for work approved by the Parties. Parties acknowledge and agree this Project Identification Form is in furtherance of and guided by understandings as stated in the Memorandum of Understanding Regarding Cooperative Efforts To Expand And Improve Water Supply Availability dated \_\_\_\_\_.

**Jurupa Community Services District**

**Rubidoux Community Services District**

By: \_\_\_\_\_

By: \_\_\_\_\_

NAME TYPED: \_\_\_\_\_

NAME TYPED: \_\_\_\_\_

TITLE: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

DATE: \_\_\_\_\_

10. NOTICE OF COMPLETION FOR THE RAYE STREET PORTION  
OF THE AVALON – SR 60 SEWER MAIN IMPROVEMENT  
PROJECT:  
**DM 2020-15**

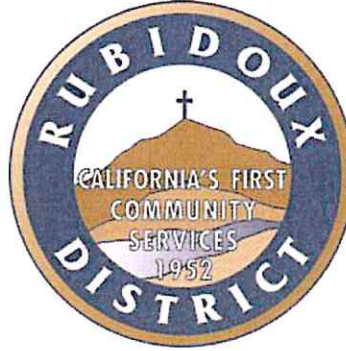
# Rubidoux Community Services District

## Board of Directors

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

## Secretary-Manager

Steven W. Appel



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

## DIRECTORS MEMORANDUM 2020-15

March 19, 2020

To:        Rubidoux Community Services District  
              Board of Directors

Subject: Consideration to file a Notice of Completion for the Raye Street portion of the Avalon – SR 60 Sewer Main Improvement Project– Trautwein Construction

### **BACKGROUND:**

At the November 21, 2019, regular meeting of the Rubidoux Community Services District (District), the Board approved DM 2019-63, attached, awarding the construction of the Raye Street portion of the future Avalon Street Sewer Main Improvement Project to Trautwein Construction in the amount of \$58,000.00.

The improvements added approximately 70 LF of new sewer main, one manhole, and the reconnection of a mobile home park lateral.

The work performed by Trautwein is now complete. There were no Change Orders to the contract resulting in the same contract cost of \$58,000.00. Trautwein completed the work in a safe and efficient manner and in accordance with District specifications.

To date, the contractor has been paid \$55,100.00. This amount represents 100% of the contract less \$2,900.00 retention.

A final step in the construction process is for the District to accept the work as complete and file/record a Notice of Completion (NOC) with the County of Riverside. Once executed and recorded, the NOC starts a 35-day period before the District pays the remaining held contract retention of \$2,900.00.

**RECOMMENDATION:**

Staff recommends the Rubidoux Community Services District Board of Directors:

1. Accept the work performed by Trautwein Construction for the construction of the Raye Street portion of the future Avalon Street Sewer Main Improvement Project as complete and conforming to District specifications.
2. Authorize the execution and filing of the Notice of Completion for the project in the amount of \$58,000.00 which starts the 35-day lien period for the contractor (Trautwein Construction).

Respectfully,



JEFFREY D. SIMS, P.E.  
Assistant General Manager

Attachments: 1) Copy of DM 2019-63  
2) Copy of Notice of Completion



RECORDING REQUESTED BY

AND WHEN RECORDED MAIL TO:

Rubidoux Community Services District  
P.O. Box 3098  
Jurupa Valley, CA 92519-3098

(Gov't Code 6103)  
No tax due (Grantee is a public agency)

SPACE ABOVE THIS LINE FOR RECORDER'S USE ONLY

### NOTICE OF COMPLETION

Notice is hereby given by the undersigned owner, a public entity of the State of California, that a public work of improvement has been completed, as follows:

**Project title or description of work:** Raye Street Portion of the Avalon-SR 60 Sewer Pipeline Improvement Project  
**Date of Completion:** February 24, 2020  
**Nature or estate of owner:** In fee  
**Address of owner:** Rubidoux Community Services District  
3590 Rubidoux Blvd, Jurupa Valley, CA 92509  
**Name of contractor:** Trautwein Construction  
12223 Highland Avenue, Suite 106, Rancho Cucamonga CA 91739  
**Surety of Contractor:** Fidelity and Deposit Company of Maryland c/o Zurich North America  
1299 Zurich Way, Schaumburg, IL 60196  
**Street address or  
Legal description of site:** Raye Street and Avalon Street to 70 feet east of Avalon St, Jurupa Valley, CA

**Dated:** March 19, 2020

**Owner:** Rubidoux Community Services District  
(Name of Public Entity)

**By:** \_\_\_\_\_

**Title:** Armando Muniz, President, Board of Directors

### VERIFICATION

I, the undersigned, say: I am the Assistant General Manager/District Engineer of the declarant of the foregoing notice of completion; I have read said notice of completion and know the contents thereof; the same is true of my knowledge.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on March 19, 2020, at Jurupa Valley, California

\_\_\_\_\_  
JEFFREY D. SIMS, P.E.  
Assistant General Manager/District Engineer

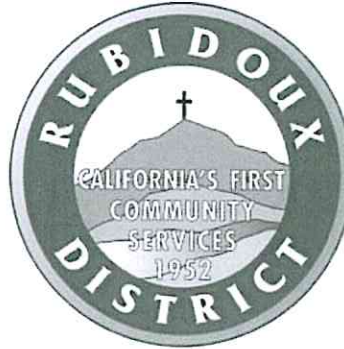
# Rubidoux Community Services District

## Board of Directors

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

## General Manager

Steven W. Appel



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

**DIRECTORS MEMORANDUM 2019-63**

November 21, 2019

**To:** Rubidoux Community Services District  
Board of Directors

**Subject:** Approval of the Sewer Main Construction Contract in Raye Street as part of the future Avalon Street Sewer Main Improvement Project

## **BACKGROUND:**

In August 2017 the Board authorized Staff to hire TKE Engineering, Inc. to proceed with design services for the Avalon Street Sewer Improvements. These sewer improvements are required for the District to service the proposed Emerald Ridge development, a 400-home subdivision. The project consists of approximately 700 LF of sewer pipeline, manholes, laterals, connections, and pavement repairs within Avalon Street and Raye Street. Recently, the City of Jurupa Valley informed Staff they intend to re-surface the streets in the area of the planned sewer project in February 2020. Once the streets are re-surfaced, the City typically imposes a 2-year moratorium on street cuts. The only street being re-surfaced within the sewer project area is Raye Street.

The ultimate construction of the Avalon Street Sewer Improvement Project will facilitate the sewer improvements necessary for the proposed Emerald Ridge Development. The developer anticipates the development moving forward within 2 years. Typically, Staff recommends not proceeding until the developer begins to move forward. However, to avoid the 2-year moratorium, Staff recommends the Raye Street portion of the sewer project be constructed by a contractor prior to the February 2020 City street re-surfacing project. The Raye Street portion consists of approximately 70 LF of sewer, one manhole and the reconnection of a mobile home park lateral.

For the Raye Street portion of the sewer, Staff received cost estimates from three contractors; Genesis Construction, SRD Engineering, and Trautwein Construction. The cost estimates are \$78,465.00, \$67,205.00, and \$58,000.00 respectively. No irregularities were noted, and Staff's recommendation is to enter into a construction contract with Trautwein Construction.

To facilitate this project, Staff requested an engineering services proposal from TKE Engineering to prepare the City encroachment permit application, traffic control plans, construction staking, and geotechnical services. TKE has done numerous engineering services for the District and is well qualified. TKE's \$9,270.00 proposal was reviewed and evaluated, and it is Staff's recommendation to authorize these services to TKE.

**RECOMMENDATION:**

Using funds included in the approved Fiscal Year 2019/2020 Budget, under the Sewer Capital Improvement Project (CIP) Budget, Staff recommends the following to the Rubidoux Community Services District Board of Directors:

1. Authorize Staff to enter into a construction contract with Trautwein Construction in the amount of \$58,000.00;
2. Approve the engineering services proposal from TKE Engineering in the amount of \$9,270.00;
3. Establish a project contingency in the amount of 15% of the construction cost, or \$7,500 (rounded).

Respectfully,

STEVEN W. APPEL, DPA, PE  
General Manager

Attachments:

- 1 – Trautwein Construction Proposal
- 2 – SRD Engineering, Inc. Proposal
- 3 – Genesis Construction Proposal
- 4 – TKE Engineering Services Proposal
- 5 – FY 2019/2020 Sewer Capital Improvement Project (CIP) Budget

11. ENGINEERING SERVICES FOR REHABILITATION OF WELL  
NO. 18:  
**DM 2020-16**

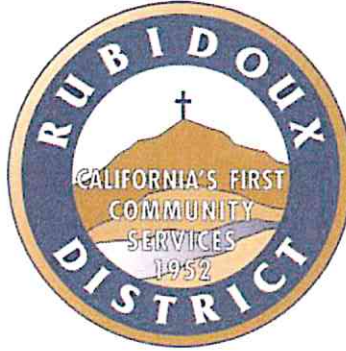
# Rubidoux Community Services District

## Board of Directors

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

## General Manager

Steven W. Appel



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

**DIRECTORS MEMORANDUM 2020-16**

March 19, 2020

To:     Rubidoux Community Services District  
         Board of Directors

Subject: Engineering Services Support for Rehabilitation of Well No. 18

## **BACKGROUND:**

At the September 19, 2019 Board Meeting staff requested authorization to hire Krieger & Stewart Engineering Consultants to provide initial engineering services related to rehabilitation of Well 18. This included review of historical data on the well and input from subconsultant Water Systems Engineering on water chemistry. From that effort it was concluded there is a reasonable expectation Well 18 can be rehabilitated and achieve an approximate production rate of 1,500 gpm.

It is anticipated PFAS compound treatment will be consolidated at the Leyland Thompson Water Treatment Plant ("Thompson Plant") for Wells 1A, 8, and 18 based on available space. Treatment for PFAS compounds is done by flowing water through pressure vessels filled with granulated activated carbon or resins. This type of treatment best operates when ran continuously. Since customer demand fluctuates throughout the year, it is good to have multiple wells to turn on and off so demand can be met while keeping the PFAS compound treatment running continuously. Rehabilitation of Well 18 adds flow variability to assist in meeting treatment continuity. It will also increase overall water supply, which increases supply redundancy.

To proceed with rehabilitating Well 18 the next step is to prepare bidding documents to hire a contractor to do the rehabilitation work. Krieger & Stewart Engineering Consultants has provided the District the attached proposal for the work. The work will include meetings, preparation of the bidding documents and assisting staff with advertising, bidding and evaluation of bids. The cost for this work is \$21,800. The estimated project cost for Well 18 rehabilitation is estimated as follows:

Work	Consultant/Contractor	Cost	Status
Feasibility of Well 18 rehabilitation	Kreiger & Stewart	\$ 24,800.00	Approved September 19, 2019
Bidding document preparation and Bid evaluation	Kreiger & Stewart	\$ 21,800.00	This request
Well rehabilitation contract	Contractor	\$ 80,000.00	estimated
Staff effort	staff	\$ 5,000.00	estimated
Project Cost		\$ 131,600.00	

Well 18 rehabilitation costs were budgeted in the approved FY 2019/2020 Budget within the Water Capital Improvement Project (CIP) Fund. CIP Budget funding is generated with payment by new customers of system capacity fees. Since Well 18 is an existing facility being rehabilitated, staff recommends rehabilitation costs to come from the Water Replacement Project Fund rather than the CIP Fund. To align the funding, a budget amendment is necessary.

**RECOMMENDATION**

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

1. Amend the FY 2019/20 Budget by moving the Well 18 Rehabilitation Project funding of \$60,000 from the CIP Fund to the Water Replacement Fund.
2. Adjust prior approval made at the September 19, 2019 Board Meeting to fund Krieger & Stewart work in the amount of \$24,800 from the CIP Fund to the Water Replacement Fund.
3. Approve a contract with Krieger & Stewart, Inc. in the amount of \$21,800 to perform work per attached proposal using Water Replacement Funds.

Respectfully,



JEFFREY D. SIMS, P.E.  
Assistant General Manager

Attach:

1. Krieger & Stewart Engineering Proposal dated March 4, 2020
2. September 19, 2019 Director Memo 2019-49



March 4, 2020

587-47.2.1A

Jeff Sims, Assistant General Manager  
Rubidoux Community Services District  
Post Office Box 3098  
Jurupa Valley, CA 92519

Via Email to [jsims@rcsd.org](mailto:jsims@rcsd.org)

Subject: Engineering Services Proposal for  
Preparation of Bidding Documents for the Rehabilitation of Well 18

Dear Mr. Sims:

We appreciate the opportunity to submit our proposal to provide engineering services for subject project. We understand that the Rubidoux Community Services District (RCSD, District) requires preparation of Bidding Documents (Drawings and Specifications) for the rehabilitation of existing Well 18. The requirements for the rehabilitation will be in accordance with the recommendations included in the Final Well Profile Report for Well 18 prepared by Water Systems Engineering, Inc. (WSE), including mechanical cleaning, chemical cleaning, redevelopment (if required, as described below), and disinfection.

The Bidding Documents will specify minimum requirements for the following: removal and storage of the existing well pumping unit; equipment and procedures for mechanical cleaning; chemical solutions and blending concentrations for chemical cleaning; equipment, materials, and procedures for surging the well; procedures for evacuation of material and debris from the well during and after each process; storage, treatment, and disposal of material evacuated from the well during and after each process; temporary pumping unit for redevelopment (if required, as described below); procedures and chlorine concentrations for disinfection; inspection; monitoring and testing of water evacuated from the well during each process; testing and monitoring of evacuated material for surface discharge; contractor staging; and work sequencing and restrictions.

WSE suspects that mechanical fouling has occurred in the well. During chemical cleaning, the material evacuated from the well will be analyzed for sediment concentration. The Final Well Profile Report recommends that the well be redeveloped if the sediment concentration determined during chemical cleaning exceeds 20 parts per million (PPM). The Bidding Documents will include a separate bid schedule for well redevelopment that can be implemented if the sediment analysis indicates that redevelopment is required.

Our Scope of Services, Fee Estimate, and Schedule for subject project are as follows:

**A. SCOPE OF SERVICES**

**Task 1: Conferences and Correspondence with District Staff**

We will engage in telephone conferences, meetings, and email communications with District staff as necessary during the course of the project.



Jeff Sims  
March 4, 2020  
Page 2

**Task 2: Draft Bidding Documents**

We will prepare complete Bidding Documents utilizing the District's current front-end contract specification. We will submit one (1) electronic copy and four (4) hard copies of the complete Bidding Documents in draft form for District staff review.

**Task 3: Final Bidding Documents**

We will prepare the Final Bidding Documents addressing all of the District's comments received on the Draft Bidding Documents. We will provide the District with one (1) electronic copy and four (4) hard copies of the Final Bidding Documents.

**Task 4: Bid Phase Services**

Once the Bidding Documents are complete and have been approved by the District, we will send the Notice Inviting Bids to the local newspaper for legal advertising. We will then provide copies of the Bidding Documents to all prospective bidders.

We will conduct a mandatory pre-bid job walk at the Well 18 site to ensure that prospective bidders gain an understanding of all site constraints that may affect the work.

We will prepare and distribute up to one (1) addendum and prepare responses for up to ten (10) questions or requests for clarification from prospective bidders.

District staff will attend the bid opening and will open bids. After the bid opening, we will review each bid to determine whether or not they are responsive. We will also check the contractor's status with the California Contractor's Licensing Board, confirming that the contractor possesses a valid contractor's license.

Following our review of the bids, we will prepare a Recommendation of Award Memorandum for District staff which will summarize the bids received and the results of the checks on the contractors' references, and will include a recommendation for contract award. After the District awards the contract, we will inform the contractor that they have been awarded the project work. Once the original contract has been executed by all parties, we will conform and distribute copies to each executing party.

**B. FEE ESTIMATE**

Our fee for the services described above is estimated to not exceed \$21,800. A detailed breakdown of our estimated fee is included in attached **Table 1**. Our services are billed on a monthly basis, and we will not exceed this estimated fee for the services specified without authorization in advance. Our Fee Estimate is based on the rates specified in the attached 2020 Fee Schedule. Our Scope of Services is subject to negotiation at the District's discretion.





Jeff Sims  
March 4, 2020  
Page 3

Our Fee Estimate is based on the following understandings and assumptions:

1. Although no permits are anticipated, any necessary permits will be secured by RCSD. Application for environmental permits, encroachment permits, and other permits, authorizations, and licenses are not included in our proposal.
2. Review and approval of the Bidding Documents by any agency other than RCSD will not be required.
3. Construction phase engineering services (with the exception of Bid Phase Services) are not included in our proposal, but we will provide one once the scope of work and project schedule are determined (i.e. following bid opening).

#### C. SCHEDULE

We anticipate completing the Draft Bidding Documents within four (4) weeks after notice to proceed and the Final Bidding Documents within two (2) weeks after receiving the District's comments on the Draft Bidding Documents.

With respect to Krieger & Stewart's team, Charles A. Krieger will serve as Principal in Charge and I will serve as Project Manager/Engineer. We will be assisted by our staff to ensure completion of project tasks in accordance with the project schedule. Our team members will be continuously available and responsive to District staff and management during all phases of the project. Further, Krieger & Stewart's project team is ready to commence services immediately.

Again, we appreciate being considered to provide subject services to Rubidoux Community Services District. If you have any questions regarding our proposal, or require further information, please contact me at (951) 684-6900 or [bvaladez@kriegerandstewart.com](mailto:bvaladez@kriegerandstewart.com).

Sincerely,

KRIEGER & STEWART

A handwritten signature in black ink that reads "Brandon C. Valadez". The signature is written in a cursive, flowing style.

Brandon C. Valadez

BCV/nr  
587-47P2P1-Pro-Bid Docs

Attachments: Table 1 - Estimated Fees for Engineering Services  
2020 Fee Schedule

**TABLE 1  
RUBIDOUX COMMUNITY SERVICES DISTRICT  
PREPARATION OF BIDDING DOCUMENTS FOR  
THE REHABILITATION OF WELL 18  
ESTIMATED FEES FOR ENGINEERING SERVICES**

TASK / COMPONENT	PRINCIPAL IN CHARGE <sup>(1)</sup>		PROJECT MANAGER/ ENGINEER <sup>(2)</sup>		CADD SERVICES <sup>(3)</sup>		CLERICAL <sup>(4)</sup>		TOTAL
	HOURS	\$	HOURS	\$	HOURS	\$	HOURS	\$	\$
1. CONFERENCES AND CORRESPONDENCE WITH DISTRICT STAFF	6	1,446	6	1,200					2,646
2. DRAFT BIDDING DOCUMENTS	6	1,446	24	4,800	4	584	20	2,140	8,970
3. FINAL BIDDING DOCUMENTS	2	482	6	1,200	1	146	8	856	2,684
4. BID PHASE SERVICES	6	1,446	16	3,200	1	146	20	2,140	6,932
SUBTOTAL:	20	4,820	52	10,400	6	876	48	5,136	21,232
								REIMBURSABLES (3%):	637
								DESIGN ENGINEERING SERVICES TOTAL:	21,869
								ENGINEERING SERVICES TOTAL (ROUNDED):	21,800

RATES PER KRIEGER & STEWART'S 2020 FEE SCHEDULE

(1) PRINCIPAL ENGINEER I @ \$241 /Hr  
(2) SENIOR ENGINEER I @ \$200 /Hr  
(3) OPERATOR II @ \$146 /Hr  
(4) SECRETARY IV @ \$107 /Hr





**FEE SCHEDULE  
2020**

<b>CLASSIFICATION</b>	<b>RATES \$/Hr.</b>
<b>Consulting, Design, Construction, Engineering, Environmental, Commissioning, and Surveying Services (Office)</b>	
Principal III	290.00
Principal II	267.00
Principal I	241.00
Senior III	227.00
Senior II	214.00
Senior I	200.00
Associate III	193.00
Associate II	187.00
Associate I	181.00
Staff III	175.00
Staff II	153.00
Staff I	134.00
Technician III	114.00
Technician II	109.00
Technician I	104.00
<b>Forensic Services</b>	
Principal Expert:	
Testimony, Deposition, and Trial	400.00
Investigation and Preparation	300.00
Associate Expert:	
Testimony, Deposition, and Trial	350.00
Investigation and Preparation	250.00
<b>Computer Aided Design Services</b>	
Operator III	153.00
Operator II	146.00
Operator I	137.00
<b>Surveying Services (Field)</b>	
2 Man Crew with Standard Equipment and Survey Truck	295.00
1 Man Crew with Standard Equipment and Survey Truck	228.00
3rd Man on Crew	137.00
<b>Construction Services (Field)</b>	
Construction Engineer	193.00
Electrical Inspector	171.00
Construction Inspector:	
Regular Time	135.00
Overtime:	
Weekdays (8 hours to 12 hours)	161.00
Weekdays (More than 12 hours)	194.00
Saturday (12 hours or less)	161.00
Saturday (More than 12 hours)	194.00
Sunday and Holiday (Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day and the Day After, Christmas Day)	194.00



**FEE SCHEDULE  
2020  
(continued)**

<b>CLASSIFICATION</b>	<b>RATES \$/Hr.</b>
<b>Support Services</b>	
Secretary IV	107.00
Secretary III	103.00
Secretary II	92.00
Secretary I	82.00
Utility Clerk II	76.00
Utility Clerk I	75.00
<b>Outside Services</b>	
Special Consultants and Purchased Services	Cost + 15%
<b>Reimbursable Expenses</b>	
Vehicle Mileage	0.72 \$/Mile
Travel and Subsistence, including Air Fare, Ground Fare, and Vehicle Parking	Cost
Specialized Rental Equipment	Cost
Copies, Delivery, Postage, Prints, Telephone, and Sundry Charges	Cost

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

**TERMS OF PAYMENT:**

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

2020-FEES (09/13/2019)

# Rubidoux Community Services District

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

**General Manager**  
Steven W. Appel



---

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

**DIRECTORS MEMORANDUM 2019-49**

September 19, 2019

**To:**            Rubidoux Community Services District  
                    Board of Directors

**Subject:**      Engineering Support for Well No. 18 Rehabilitation

**BACKGROUND:**

The District's Leland Thompson Water Treatment Facility ("Thompson Plant") located on 34<sup>th</sup> Street near Crestmore Road is designed to remove manganese in water produced from Wells 17 and 18. Well 17, drilled in March 2000, had an initial yield of 1,600 gpm. Well 18, drilled in October 2006, had an initial yield of 1,500 gpm. Both wells eventually begin having production issues that led to past rehabilitation attempts. From prior analyses conducted with Well 17 rehabilitation efforts, loss of production appears to have been a function of certain natural occurring bacteria within the groundwater that use iron and manganese as an energy source. These bacteria create deposits which over time plug screens in the well casing and cause galvanic corrosion.

Two efforts were made to rehabilitate Well 17. The second effort resulted in irreparable damage to the gravel pack making the well unusable. It was taken out of service and the pump and motor were repurposed at the new Well 1A. Preliminary investigations to drill a new replacement well at the Thompson Plant to recover the lost production of Well 17 have been done and appear to be possible.

Well 18 was taken out of service earlier this year due to loss of production. It is suspected that issues with Well 18 are similar in nature to that experienced with Well 17.

With past experience from rehabilitation efforts on Well 17, staff is proposing a phased approach to recover loss production at the Thompson Plant. The approach proposed includes:

1. Develop a rehabilitation approach for Well 18 with use of Krieger and Stewart who will hire a sub-consultant Water Systems Engineering (“WSE”). WSE has expertise in geohydrology and water chemistry. The goal is to use this expertise to develop an appropriate methodology to rehabilitate the well without damaging it.
2. Develop a maintenance strategy for Well 18 that is intended to keep production levels in an acceptable range, avoid screen scaling from deposit accumulations, and control corrosion.
3. Run Well 18 for a period of time (estimated 18 to 24 months) to validate the rehabilitation and maintenance strategy is working as anticipated.
4. With positive results from Well 18, proceed with drilling and outfitting a new Well 17 at the Thompson Plant.
5. Implement maintenance strategy for new Well 17.

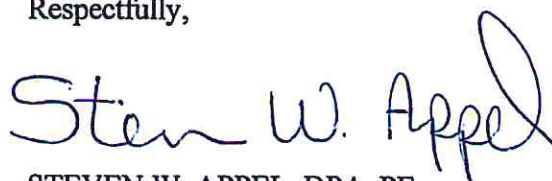
Krieger and Stewart has provided the District with a proposal in the amount of \$24,800 to begin this phased approach to recover lost production at the Thompson Plant. K&S’s proposal includes costs for hiring WSE. Within the District’s FY 2019/2020 Water Capital Improvement Budget \$60,000 is included for rehabilitation of Well 18.

**RECOMMENDATION:**

Staff recommends the Rubidoux Community Services District Board of Directors authorize the General Manager to:

1. Execute a contract with Krieger and Stewart in the amount of \$24,800 to perform Engineering Services for Well Rehabilitation/Maintenance for Well 18 using budgeted funds within Water Capital Improvement Project (CIP) of the approved District Fiscal Year 2019/2020 Budget.

Respectfully,



STEVEN W. APPEL, DPA, PE  
General Manager

Attachments: Krieger & Stewart Proposal dated September 5, 2019  
Water Capital Improvement Budget Excerpt



September 5, 2019

587-47.2A

Jeff Sims, Assistant General Manager  
Rubidoux Community Services District  
Post Office Box 3098  
Jurupa Valley, CA 92519

Via Mail and Email to [jsims@rcsd.org](mailto:jsims@rcsd.org)

Subject: Engineering Services Proposal for  
Well Rehabilitation/Maintenance for Well 18

Dear Mr. Sims:

We appreciate the opportunity to submit our proposal to provide engineering services for subject project.

Our scope of services and fee estimate for subject project is as follows:

**A. SCOPE OF SERVICES**

**Task 1: Conferences and Correspondence with District Staff**

We will engage in telephone conferences, meetings, field meetings, and email communications with Rubidoux Community Services District (District) staff as necessary during the course of the project.

**Task 2: Coordination with District Staff and Subconsultant Water Systems Engineering (Mike Schnieders)**

We will provide pertinent District information to Water Systems Engineering (WSE), and coordinate WSE's activities with District staff.

**Task 3: Gathering and Review of Historical Records**

We will gather and review historical information pertaining to the operation, maintenance, and performance of Wells 17 and 18, and rehabilitation efforts performed on Well 17.

**Task 4: Subconsultant Services**

WSE will provide sampling containers and sampling guidance for collection of water samples from Well 18 and 1A, perform laboratory analyses, provide a well profile report for each well, provide a rehabilitation plan for Well 18, perform review of follow-up samples and well pump tests, and preparation of recommendations for a well maintenance program for Wells 17A, 18, and 1A.



Jeff Sims  
September 5, 2019  
Page 2

**Task 5: Review and Discussion of Initial Sampling Results and Rehabilitation Plan**

We will review and discuss the sampling results and well profile reports and Rehabilitation Plan with WSE and District staff.

**Task 6: Field Witnessing of Remedial Work/Pump Testing**

We will attend and witness Well 18 rehabilitation activities and follow-up pump testing; recording our observations in field reports that we will provide to the District. For purposes of this proposal, we have included a conservative estimate of a total of 3 days of field services.

**Task 7: Review and Discussion of Follow-Up Sampling Results**

We will review and discuss the follow-up sampling and pump testing results with WSE and District staff.

**Task 8: Review and Discussion of Proposed Well Maintenance Program**

We will review and comment on WSE's proposed well maintenance program and discuss with WSE and District staff.

**B. FEE ESTIMATE**

Our estimated fee for the services described above is \$24,800, as shown in **Table 1** attached. Our services are billed on a monthly basis, and we will not exceed this estimated fee for the services specified without authorization in advance. Our fee is based on the rates specified in our 2019 Fee Schedule (attached).

We appreciate being considered to provide subject services to Rubidoux Community Services District. If you have any questions regarding our proposal, or require further information, please contact me at (951) 684-6900 or [dscriven@kriegerandstewart.com](mailto:dscriven@kriegerandstewart.com).

Sincerely,

KRIEGER & STEWART

David F. Scriven

DFS/nr  
587-47P2-Pro

Attachments: Table 1 - Estimated Fees for Engineering Services  
2019 Fee Schedule



**TABLE 1  
RUBIDOUX COMMUNITY SERVICES DISTRICT  
WELL REHABILITATION/MAINTENANCE  
WELL 18**

**ESTIMATED FEES FOR ENGINEERING SERVICES**

TASK/COMPONENT	PRINCIPAL IN CHARGE <sup>(1)</sup>		PROJECT MANAGER <sup>(2)</sup>		PROJECT ENGINEER <sup>(3)</sup>		STAFF ENGINEER <sup>(4)</sup>		CLERICAL <sup>(5)</sup>		OUTSIDE SERVICES	TOTAL
	HOURS	\$	HOURS	\$	HOURS	\$	HOURS	\$	HOURS	\$	\$	\$
1. CONFERENCES AND CORRESPONDENCE WITH DISTRICT STAFF			4	832	6	1,164			4	416		2,412
2. COORDINATION WITH DISTRICT STAFF AND SUBCONSULTANT WATER SYSTEMS ENGINEERING (MIKE SCHNIEDERS)			4	832	6	1,164			2	208		2,204
3. GATHERING AND REVIEW OF HISTORICAL RECORDS	1	234	8	1,664	4	776						2,674
4. SUBCONSULTANT SERVICES											6,800 <sup>(6)</sup>	6,800
5. REVIEW AND DISCUSSION OF INITIAL SAMPLING RESULTS AND REHABILITATION PLAN	2	468	2	416	4	776						1,660
6. FIELD WITNESSING OF REMEDIAL WORK/PUMP TESTING	2	468	2	416	4	776	24	3,120				4,780
7. REVIEW AND DISCUSSION OF FOLLOW-UP SAMPLING RESULTS	2	468	2	416	2	388						1,272
8. REVIEW AND DISCUSSION OF PROPOSED WELL MAINTENANCE PROGRAM	4	936	4	832	4	776						2,544
SUBTOTAL:	11	2,574	26	5,408	30	5,820	24	3,120	6	624	6,800	24,346
											REIMBURSABLES (3%):	526
											DESIGN ENGINEERING SERVICES TOTAL:	24,872
											ENGINEERING SERVICES TOTAL (ROUNDED):	24,800
<b>RATES PER KRIEGER &amp; STEWART'S 2019 FEE SCHEDULE</b>			<b>OUTSIDE SERVICES</b>									
<sup>(1)</sup> PRINCIPAL ENGINEER I	@	\$234 /Hr	<sup>(6)</sup> Water Systems Engineering									
<sup>(2)</sup> SENIOR ENGINEER II	@	\$208 /Hr										
<sup>(3)</sup> SENIOR ENGINEER I	@	\$194 /Hr										
<sup>(4)</sup> STAFF ENGINEER I	@	\$130 /Hr										
<sup>(5)</sup> SECRETARY IV	@	\$104 /Hr										





**FEE SCHEDULE  
2019**

<b>CLASSIFICATION</b>	<b>RATES \$/Hr.</b>
<b>Consulting, Design, Construction, Engineering, Environmental, Commissioning, and Surveying Services (Office)</b>	
Consultant	307.00
Principal III	282.00
Principal II	259.00
Principal I	234.00
Senior III	220.00
Senior II	208.00
Senior I	194.00
Associate III	187.00
Associate II	182.00
Associate I	176.00
Staff III	170.00
Staff II	149.00
Staff I	130.00
Technician III	111.00
Technician II	106.00
Technician I	101.00
<b>Forensic Services</b>	
Principal Expert:	
Testimony, Deposition, and Trial	400.00
Investigation and Preparation	300.00
Associate Expert:	
Testimony, Deposition, and Trial	350.00
Investigation and Preparation	250.00
<b>Computer Aided Design Services</b>	
Operator III	149.00
Operator II	142.00
Operator I	133.00
<b>Surveying Services (Field)</b>	
2 Man Crew with Standard Equipment and Survey Truck	295.00
1 Man Crew with Standard Equipment and Survey Truck	228.00
3rd Man on Crew	137.00
<b>Construction Services (Field)</b>	
Construction Engineer	187.00
Electrical Inspector	166.00
Construction Inspector:	
Regular Time	130.00
Overtime:	
Weekdays (8 hours to 12 hours)	156.00
Weekdays (More than 12 hours)	188.00
Saturday (12 hours or less)	156.00
Saturday (More than 12 hours)	188.00
Sunday and Holiday (Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day and the Day After, Christmas Day)	188.00



**FEE SCHEDULE  
2019  
(continued)**

<b>CLASSIFICATION</b>	<b>RATES \$/Hr.</b>
<b>Support Services</b>	
Secretary IV	104.00
Secretary III	100.00
Secretary II	89.00
Secretary I	80.00
Utility Clerk II	74.00
Utility Clerk I	73.00
<b>Outside Services</b>	
Special Consultants and Purchased Services	Cost + 15%
<b>Reimbursable Expenses</b>	
Vehicle Mileage	0.72 \$/Mile
Travel and Subsistence, including Air Fare, Ground Fare, and Vehicle Parking	Cost
Specialized Rental Equipment	Cost
Copies, Delivery, Postage, Prints, Telephone, and Sundry Charges	Cost

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

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2019-FEES (09/20/2018)

## Rubidoux Community Services District Water Capital Improvement Project (CIP) Budget

June 20, 2019

	Projected Year End 2018/2019	Budget 2018/2019	Proposed Budget 2019/2020	Proposed Budget 2020/2021
<b>Operating Income</b>				
1 Developers EDU Fees:Income	51,408	250,000	500,000	500,000
2 <i>Transfer (to)/from Reserves</i>	298,592	600,000	485,000	(500,000)
<b>TOTAL WATER CIP REVENUE</b>	<b>\$350,000</b>	<b>\$850,000</b>	<b>\$985,000</b>	<b>\$0</b>
<b>Operating Expense</b>				
3 Goldenwest Booster				
4 (Improvements)	-	250,000	250,000	-
5 Well 2 Blending Booster	-	250,000	-	-
6 New Well (1A) @ 34th St & Crestmore	350,000	350,000	-	-
7 Well 17A Construction      New	-	-	350,000	-
8 Well 18 Rehab                  New	-	-	60,000	-
9 Well 4 GAC (No3 Pit)        New	-	-	325,000	-
<b>TOTAL WATER CIP EXPENSES</b>	<b>\$350,000</b>	<b>\$850,000</b>	<b>\$985,000</b>	<b>\$0</b>

12. RECEIVE AND FILE STATEMENT OF CASH ASSET REPORT  
FOR ALL DISTRICT FUNDS ENDING FEBRUARY 2020:  
**DM 2020-17**

# Rubidoux Community Services District

## Board of Directors

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



## General Manager

Steven W. Appel

---

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

**DIRECTORS MEMORANDUM 2020-17**

March 19, 2020

**To:** Rubidoux Community Services District  
Board of Directors

**Subject:** Receive and File the February 2020 Statement of Cash Assets Schedule

## **BACKGROUND:**

Attached for the Board of Directors' consideration is the February 2020 Statement of Cash Assets Schedule Report for all District Fund Accounts. Our YTD interest is \$314,112.10 for District controlled accounts. With respect to District "Funds in Trust", we show \$13,833.84 which has been earned and posted. The District has a combined YTD interest earned total of \$327,945.94 as of February 29, 2020.

With respect to the District's Operating Funds (Excluding Restricted Funds and Operating Reserves), we show a balance of \$6,811,411.93 ending February 29, 2020. That is **\$672,411.63 MORE** than July 1, 2019, beginning balance of \$6,139,000.30.

Further, the District's Field/Admin Fund current fund balance is \$550,821.92.

Submitted for the Board of Directors consideration is the *February 2020, Statement of Cash Assets Schedule Report* for your review and acceptance this afternoon.

**RECOMMENDATION:**

Staff recommends to **“Receive and File”** the February 2020 Statement of Cash Assets Schedule Report to the Rubidoux Community Services District Board of Directors.

Respectfully,

A handwritten signature in black ink, appearing to read "J. Sims", with a small dot to the right of the signature.

JEFFREY D. SIMS, P.E.  
Assistant General Manager

Attachment: February 2020, Cash Assets Schedule Report

RUBIDOUX COMMUNITY SERVICES DISTRICT  
 INVESTMENT SUMMARY - FEBRUARY 29, 2020  
 CASH BASIS

	Beg. Balance 7/1/2019	YTD Int.	Other Activity YTD	Balance 1/31/2020	YTD Avg. Int. Rate
<b>Operating Accounts</b>	<b>\$ 6,139,000.30</b>	<b>\$ 79,465.22</b>	<b>\$ 592,946.41</b>	<b>\$ 6,811,411.93</b>	<b>1.17%</b>
Water Operating Reserve	4,138,967.51	74,396.49	-	4,213,364.00	1.77%
Wastewater Operating Reserve	118,074.97	7,380.23	450,000.00	575,455.20	1.28%
Water Replacement Reserve	549,602.85	10,641.56	114,050.00	674,294.41	1.58%
Fire Mitigation Reserve	1,398,215.47	24,740.18	18,000.00	1,440,955.65	1.72%
Wastewater Reserve	3,247,636.40	41,346.86	(2,275,392.31)	1,013,590.95	4.08%
Wastewater Replacement Res.	108,352.46	2,102.32	39,850.59	150,305.37	1.40%
Water Reserve	2,383,077.37	17,850.63	(82,504.01)	2,318,423.99	0.77%
COP Restricted	2,538,527.30	47,149.63	131,736.00	2,717,412.93	1.74%
Field/Admin Reserve	484,950.44	9,038.98	56,832.50	550,821.92	1.64%
Funds in Trust	762,956.91	13,833.84	-	776,790.75	1.78%
<b>Total Investments</b>	<b>\$ 21,869,361.98</b>	<b>\$ 327,945.94</b>	<b>\$ (954,480.82)</b>	<b>\$ 21,242,827.10</b>	<b>1.54%</b>

\$0.00



RUBIDOUX COMMUNITY SERVICES DISTRICT  
**CASH ASSET SCHEDULE**  
**INVESTMENT ACTIVITY**  
 FOR PERIOD JULY 1, 2019 THRU FEBRUARY 29, 2020  
 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>
2/1/2020	Premier Bank	<b>CD</b>		Beg. Bal.				170,000.20	
	Premier Bank			Interest	144.04	1.00	-	170,000.20	
	Premier Bank			Redeem	-			170,000.20	
2/29/2020	Premier Bank	<b>CD</b>	4/3/2020	Purchase	-			170,000.20	
2/1/2020	Premier Bank	<b>Checking</b>		Beg. Bal.				8,835.50	
	Premier Bank	<b>Fire Mitigation</b>		Activity	-	0.00	-	8,835.50	
2/29/2020	Premier Bank			End Bal.	-			8,835.50	
2/1/2020	LAIF	<b>Fire Mitigation</b>		Beg. Bal.				1,241,855.70	
	LAIF			Interest		1.97	-	1,241,855.70	
2/29/2020	LAIF			Activity	-			1,241,855.70	
2/1/2020	Premier Bank	<b>Safekeeping</b>		Beg. Bal				20,120.21	
	Premier Bank			Activity	-	-	144.04	20,264.25	
2/29/2020	Premier Bank			End Bal.				20,264.25	\$ 1,440,955.65

RUBIDOUX COMMUNITY SERVICES DISTRICT  
**CASH ASSET SCHEDULE**  
**INVESTMENT ACTIVITY**  
 FOR PERIOD JULY 1, 2019 THRU FEBRUARY 29, 2020  
 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>
2/1/2020	LAIF	<b>Sewer Mainline</b>		Beg. Bal.				2,890,781.56	
	LAIF			Interest		1.97	-	2,890,781.56	
2/29/2020	LAIF			Activity	(1,949,434.50)			941,347.06	
2/1/2020	CBB	<b>Safekeeping</b>		Beg. Bal				72,243.89	
				Activity	-	0.10	-	72,243.89	
2/29/2020	CBB			End Bal.				72,243.89	\$ 1,013,590.95

RUBIDOUX COMMUNITY SERVICES DISTRICT  
**CASH ASSET SCHEDULE**  
**INVESTMENT ACTIVITY**  
FOR PERIOD JULY 1, 2019 THRU FEBRUARY 29, 2020  
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>
2/1/2020	LAIF	<b>Water Mainline</b>		Beg. Bal.				297,486.40	
	LAIF			Interest		1.97	-	297,486.40	
2/29/2020	LAIF			Activity	-			297,486.40	
2/1/2020	Premier Bank	<b>CD</b>		Beg. Bal.				575,000.00	
	Premier Bank			Activity	487.22	1.00	-	575,000.00	
	Premier Bank			Redeem	-			575,000.00	
2/29/2020	Premier Bank	<b>CD</b>	4/3/2020	Purchase	-			575,000.00	
2/1/2020	Citizens Bus	<b>CD</b>		Beg. Bal.				225,000.00	
	Citizens Bus			Activity	-	0.50	-	225,000.00	
	Citizens Bus			Redeem	-	n/a		225,000.00	
2/29/2020	Citizens Bus	<b>CD</b>	4/23/2020	Purchase	-			225,000.00	
2/1/2020	CBB-CDARS	<b>CD</b>		Beg. Bal.				500,000.00	
	CBB-CDARS			Interest	-	0.15	-	500,000.00	
	CBB-CDARS			Redeem	-	n/a		500,000.00	
2/29/2020	CBB-CDARS	<b>CD</b>	4/23/2020	Purchase	-			500,000.00	
2/1/2020	CBB-CDARS	<b>CD</b>		Beg. Bal.				630,000.00	
	CBB-CDARS			Interest	-	0.15	-	630,000.00	
	CBB-CDARS			Redeem	-	n/a		630,000.00	
2/29/2020	CBB-CDARS	<b>CD</b>	4/23/2020	Purchase	-			630,000.00	

RUBIDOUX COMMUNITY SERVICES DISTRICT  
**CASH ASSET SCHEDULE**  
**INVESTMENT ACTIVITY**  
 FOR PERIOD JULY 1, 2019 THRU FEBRUARY 29, 2020  
 CASH BASIS

2/1/2020	Premier Bank	<b>Safekeeping</b>	Beg. Bal.				68,150.02	
	Premier Bank		Activity	-	-	487.22	68,637.24	
2/29/2020	Premier Bank		End Bal.				68,637.24	
2/1/2020	CBB	<b>Safekeeping</b>	Beg. Bal.				22,300.35	
	CBB		Activity	-	0.10	-		
2/29/2020	CBB		End Bal.				22,300.35	\$ 2,318,423.99

RUBIDOUX COMMUNITY SERVICES DISTRICT  
**CASH ASSET SCHEDULE**  
**INVESTMENT ACTIVITY**  
 FOR PERIOD JULY 1, 2019 THRU FEBRUARY 29, 2020  
 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>
2/1/2020	Premier Bank	<b>Checking-Gen.</b>		Beg. Bal.				416,174.36	
	Premier Bank			Deposits	3,226,092.32	0.00	-	3,642,266.68	
2/29/2020	Premier Bank			Disbursements	(3,528,257.47)			114,009.21	
2/1/2020	Premier Bank	<b>Checking Property Tax</b>		Beg. Bal.				540,594.87	
	Premier Bank			Deposits	36,956.64	0.00	-	577,551.51	
2/29/2020	Premier Bank			Disbursements	(537,000.00)			40,551.51	
2/1/2020	Premier Bank	<b>Checking-Sewer</b>		Beg. Bal.				4,971.31	
	Premier Bank			Deposits	441,512.74	0.00	-	446,484.05	
2/29/2020	Premier Bank			Disbursements	(441,494.33)			4,989.72	
2/1/2020	Premier Bank	<b>Checking-Water</b>		Beg. Bal.				757,935.93	
	Premier Bank			Deposits	962,104.36	0.00	-	1,720,040.29	
2/29/2020	Premier Bank			Disbursements	(1,150,758.07)			569,282.22	

RUBIDOUX COMMUNITY SERVICES DISTRICT  
**CASH ASSET SCHEDULE**  
**INVESTMENT ACTIVITY**  
FOR PERIOD JULY 1, 2019 THRU FEBRUARY 29, 2020  
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>
2/1/2020	Premier Bank	<b>CD</b>		Beg. Bal.				255,000.00	
	Premier Bank			Activity	-	1.00	-	255,000.00	
	Premier Bank			Redeem	-			255,000.00	
2/29/2020	Premier Bank	<b>CD</b>	3/3/2020	Purchase	-			255,000.00	
2/1/2020	Premier Bank	<b>Operations</b>		Beg. Bal				20,069.52	
	Premier Bank	<b>Safekeeping</b>		Deposits	-	0.00	-	20,069.52	
2/29/2020	Premier Bank			Disbursements				20,069.52	
2/1/2020	LAIF	<b>Gen. Fund-Prop Tax</b>		Beg. Bal				1,298,295.29	
	LAIF	Qtrly. Interest		Deposits	-	1.97	-	1,298,295.29	
2/29/2020	LAIF			Disbursements	(285,003.00)			1,013,292.29	
2/1/2020	LAIF	<b>Water Op.</b>		Beg. Bal				3,686,867.15	
	LAIF	Qtrly. Interest		Deposits	273,000.00	1.97	-	3,959,867.15	
2/29/2020	LAIF			Disbursements	(8,164.00)			3,951,703.15	
2/1/2020	LAIF	<b>Sewer Op.</b>		Beg. Bal				413,145.81	
	LAIF	Qtrly. Interest		Deposits	438,437.50	1.97	-	851,583.31	
2/29/2020	LAIF			Disbursements	(9,069.00)			842,514.31	\$ 6,811,411.93

RUBIDOUX COMMUNITY SERVICES DISTRICT  
**CASH ASSET SCHEDULE**  
**INVESTMENT ACTIVITY**  
FOR PERIOD JULY 1, 2019 THRU FEBRUARY 29, 2020  
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>
2/1/2020	LAIF	<b>Water Op. Reserve</b>		Beg. Bal				4,213,364.00	
	LAIF	Qtrly. Interest		Deposits	-	1.97	-	4,213,364.00	
2/29/2020	LAIF			Disbursements	-			4,213,364.00	
2/1/2020	LAIF	<b>Water Replacement</b>		Beg. Bal				653,594.41	
	LAIF	Qtrly. Interest		Deposits	20,700.00	1.97	-	674,294.41	
2/29/2020	LAIF			Disbursements	-			674,294.41	
2/1/2020	LAIF	<b>Wastewater Replacement</b>		Beg. Bal.				141,236.37	
	LAIF			Interest		1.97	-	141,236.37	
2/29/2020	LAIF			Activity	9,069.00			150,305.37	
2/1/2020	LAIF	<b>COP-Payback</b>		Beg. Bal				2,567,112.93	
	LAIF	Qtrly. Interest		Deposits	150,300.00	1.97	-	2,717,412.93	
2/29/2020	LAIF			Disbursements	-			2,717,412.93	
2/1/2020	LAIF	<b>Field/Admin Bldg.</b>		Beg. Bal				542,657.92	
	LAIF	Qtrly Interest		Deposits	8,164.00	1.97	-	550,821.92	
2/29/2020	LAIF			Disbursements	-			550,821.92	
2/1/2020	LAIF	<b>Wastewater Op. Reserve</b>		Beg. Bal				575,455.20	
	LAIF	Qtrly. Interest		Deposits	-	1.97	-	575,455.20	
2/29/2020	LAIF			Disbursements	-			575,455.20	\$ 8,881,653.83

RUBIDOUX COMMUNITY SERVICES DISTRICT  
**CASH ASSET SCHEDULE**  
**INVESTMENT ACTIVITY**  
 FOR PERIOD JULY 1, 2019 THRU FEBRUARY 29, 2020  
 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>
2/1/2020	U.S. Bank	<b>COP's Refunding-Series 1998</b>						774,220.22	
		Install Sale		44,275.24	-	0.17	39.30	774,259.52	
		Reserve-LAIF		729,984.28			0.65	-	774,259.52
2/29/2020								774,259.52	
2/1/2020	Premier Bank	<b>Fiscal Agent-SRL MN Plant</b>		Beg. Bal				2,531.13	
				Deposits	-	0.20	0.10	2,531.23	
2/29/2020				Disbursements	-			2,531.23	\$ 776,790.75
TOTAL CASH FUNDS									\$ 21,242,827.10



RCSD PORTFOLIO HOLDINGS REPORT  
FEBRUARY 29, 2020

<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>
<b>AGENCY</b>						
Subtotals			-	-	-	
<b>U.S. TREASURIES</b>						
<b>COMMERCIAL PAPER</b>						
Subtotals			-	-	-	
<b>COLLATERALIZED TIME DEPOSITS</b>						
170,000.00	Premier	4/3/2020	\$ 170,000.20	\$ 170,000.20		1.00
500,000.00	Citizens CDARS	4/23/2020	500,000.00	500,000.00		0.15
630,000.00	Citizens CDARS	4/23/2020	630,000.00	630,000.00		0.15
575,000.00	Premier	4/3/2020	575,000.00	575,000.00		1.00
255,000.00	Premier	3/3/2020	255,000.00	255,000.00		1.00
225,000.00	Citizens Business Bank	4/23/2020	225,000.00	225,000.00		0.50
Subtotals			\$ 2,355,000.20	\$ 2,355,000.20	-	
<b>CASH EQUIVALENT &amp; MONEY MARKET</b>						
17,169,853.01	LAIF	-	\$ 17,169,853.01	\$ 17,169,853.01	-	1.97
49,387.01	CHECK-PPBI-Fire- Prop tax		49,387.01	49,387.01	-	-
203,515.25	SAFEKEEPING		203,515.25	203,515.25	-	-
Subtotals			17,422,755.27	17,422,755.27	-	
<b>GRAND TOTALS</b>			<b>\$ 19,777,755.47</b>	<b>\$ 19,777,755.47</b>	<b>-</b>	

RCSD Investment Portfolio  
February 29, 2020

**Maturity**

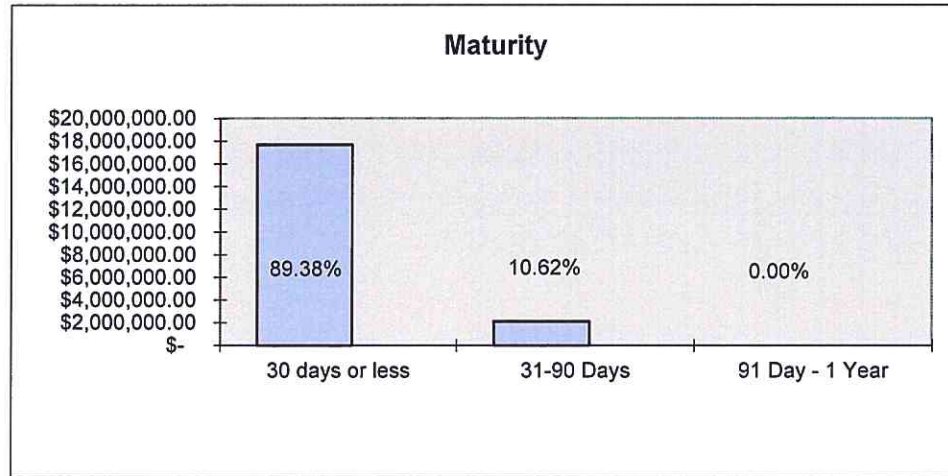
30 days or less  
31-90 Days  
91 Day - 1 Year

**Assets**

\$ 17,677,755.27  
2,100,000.20  
-

Total

\$ 19,777,755.47



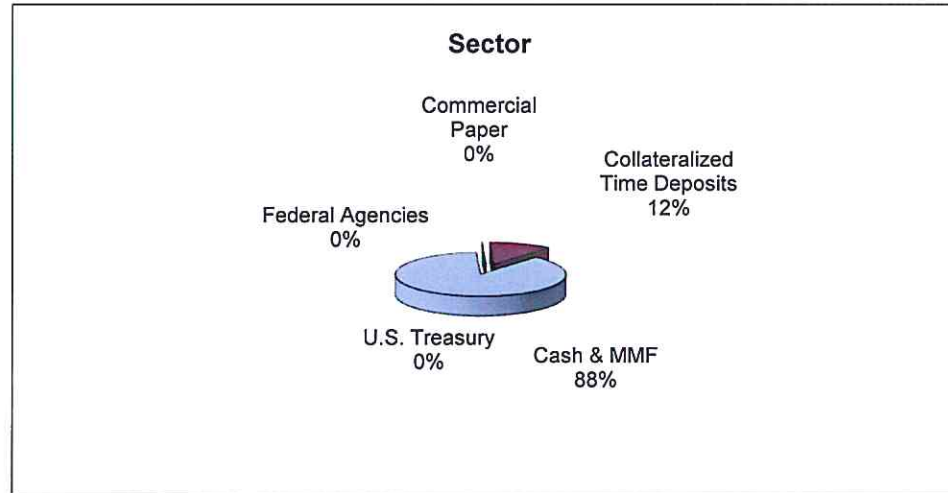
**Sector**

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

\$ 17,422,755.27  
-  
-  
-  
2,355,000.20

Total

\$ 19,777,755.47



13. RECEIVE AND FILE THE BUDGET TO ACTUAL REPORT FOR  
THE SIX MONTHS ENDED DECEMBER 31, 2019:  
**DM 2020-18**

# Rubidoux Community Services District

## Board of Directors

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



## General Manager

Steven W. Appel

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

## DIRECTORS MEMORANDUM 2020-18

March 19, 2020

**To:** Rubidoux Community Services District  
Board of Directors

**Subject:** Receive and File the Budget to Actual Report for the Six Months Ended December 31, 2019

### BACKGROUND:

At the June 20, 2019 Board Meeting, the Board of Directors adopted a two (2) year budget for FY 2019|2020 and FY 2020|2021. Prior to this, it had been District practice to adopt single year budgets. A two (2) year budget was adopted for FY 2019|2020 and FY 2020|2021 to minimize the amount of staff time used year-over-year on the budget setting process. This decision is to improve efficiency of the overall budgeting process, as many times repetitive decisions are made during an annual budgeting process, thus freeing up staff for other activities. Although staff does its best during the budgeting process to ensure the budget is as accurate as possible, certain unforeseen items, regulations, etc. affect the District during the course of a fiscal year that cannot be budgeted. For example, the lowering of PFAS contaminant level, additional required sampling, increased vendor costs, etc. As the Directors are aware, when District funds need to be encumbered and spent outside of our approved budgeted amounts, staff will routinely recommend budget amendments through Board letters.

As we have passed the halfway point in year one (1) of the biennial budget, staff felt it was important to update the Board with actual revenue and expense information compared to budgeted amounts for the six months ended December 31, 2019. Going forward, it will be District practice to update the Board with the same budget vs actual analysis on a quarterly basis until the next budgeting cycle begins in early 2021. Staff feels these updates are important to keep the Board as informed as possible as to why revenues/expenses

versus their budgeted amounts are either favorable/unfavorable. Also, this analysis is important from a staff level, as it helps identify which budgeted amounts, if any, need to be amended to incorporate adjusted costs.

Attached for the Board of Directors' consideration is the Budget vs Actual Report for the Six Months Ended December 31, 2019, as it applies to the FY 2019|2020 budget. Please keep in mind when reviewing the budget, the information is prepared on the cash basis of accounting. This is historically consistent with District practice over the course of a fiscal year until year-end, when the necessary cash-to-accrual adjustments are made to the General Ledger in anticipation of the year-end audit.

**RECOMMENDATION:**

Staff recommends to "**Receive and File**" the Budget vs Actual Report for the Six Months Ended December 31, 2019 to the Rubidoux Community Services District Board of Directors.

Respectfully,

A handwritten signature in blue ink, appearing to read "Jeff Sims", with a small blue mark to the right.

JEFFREY D. SIMS, P.E.  
Assistant General Manager

Attachment: Budget vs Actual Report for the Six Months Ended December 31, 2019

**Rubidoux Community Services District**  
**General Fund Budget**  
**For the Six Months Ended December 31, 2019**

	Annual Budget 2019/2020	YTD Budget 2019/2020	YTD Actual 2019/2020	Favorable (Unfavorable) Variance	
<b>Operating Income</b>					
1 Plan Check & Inspection	2,200	1,100	850	(250)	-23%
2 Permits & Licenses	5,000	2,500	513	(1,987)	-79%
3 Admin Trash	100,000	50,000	50,000	-	0%
4 Admin Water Fund	600,000	300,000	300,000	-	0%
5 Admin Sewer Fund	500,000	250,000	250,000	-	0%
6 <i>Property Tax Transfer In</i>	517,691	258,846	741,547	482,702	186%
<b>Total Operating Income</b>	<b>\$1,724,891</b>	<b>\$862,446</b>	<b>\$1,342,910</b>	<b>\$480,465</b>	<b>56%</b>
<b>Other Income</b>					
7 Rental Income	20,400	10,200	10,455	255	3%
8 Interest Income	38,500	19,250	3,572	(15,678)	-81%
9 Miscellaneous Income:Gnrl	13,000	6,500	13,498	6,998	108%
10 Developer EDU Fees: Income	10,000	5,000	18,493	13,493	270%
11 Interest Income: Non-Operatnl	21,000	10,500	9,321	(1,179)	-11%
12 <i>Transfer from/(to) Unrestricted Reserves<sup>a</sup></i>	200,209	100,105	(350,334)	(450,439)	-450%
<b>Total Other Income</b>	<b>\$303,109</b>	<b>\$151,555</b>	<b>(\$294,995)</b>	<b>(\$446,550)</b>	<b>-295%</b>
<b>TOTAL GENERAL REVENUE</b>	<b>\$2,028,000</b>	<b>\$1,014,000</b>	<b>\$1,047,915</b>	<b>\$33,915</b>	<b>3%</b>
<b>Operating Expense</b>					
13 R & M Vehicles	4,000	2,000	426	1,574	79%
14 Main/Lease Equipment	8,000	4,000	3,093	907	23%
15 R & M Office Building	25,000	12,500	8,354	4,146	33%
16 General Supplies & Expenses	58,000	29,000	27,793	1,207	4%
17 Utilities	15,000	7,500	6,412	1,088	15%
18 Postage Expense:Gnrl	48,000	24,000	306	23,694	99%
19 Telephone:Gnrl	9,000	4,500	3,334	1,166	26%
20 Office Supplies:Gnrl	9,000	4,500	3,474	1,026	23%
21 Dues & Subscriptions	14,000	7,000	5,019	1,981	28%
22 Licenses & Permits	2,000	1,000	1,732	(732)	-73%
23 Mileage & Conference Expense	3,500	1,750	-	1,750	100%
24 Gasoline Expense	8,000	4,000	3,593	407	10%
25 General Insurance	7,800	3,900	4,293	(393)	-10%
26 Attorney Fees	10,000	5,000	3,625	1,375	28%
27 Publication of Public Notices	1,000	500	-	500	100%
28 Miscellaneous Expense	5,000	2,500	751	1,749	70%
29 Labor Consulting Fee	4,000	2,000	-	2,000	100%
30 Auditors Fees	33,000	16,500	32,065	(15,565)	-94%
31 Website Administration	5,500	2,750	2,000	750	27%
32 Computer System Support	59,000	29,500	23,060	6,440	22%
<b>Total Operating Expense</b>	<b>\$328,800</b>	<b>\$164,400</b>	<b>\$129,330</b>	<b>\$35,070</b>	<b>21%</b>

**Rubidoux Community Services District**  
**General Fund Budget**  
**For the Six Months Ended December 31, 2019**

	Annual Budget 2019/2020	YTD Budget 2019/2020	YTD Actual 2019/2020	Favorable (Unfavorable) Variance	
<b>Administrative Expense</b>					
33 Salaries Expense	1,028,500	514,250	508,699	5,551	1%
34 Payroll Tax Expense	71,400	35,700	28,842	6,858	19%
35 Health & Retirement Expense	479,500	239,750	356,694	(116,944)	-49%
36 Perm Part-Time Ofc Worker	1,300	650	-	650	100%
37 Workers Compensation Ins.	7,500	3,750	3,539	211	6%
38 Human Resources Development	1,500	750	-	750	100%
39 Election Costs	30,000	15,000	-	15,000	100%
40 Directors Fees	16,000	8,000	5,477	2,523	32%
41 District Awards Dinner	3,500	1,750	-	1,750	100%
<b>Total Administrative Expense</b>	<b>\$1,639,200</b>	<b>\$819,600</b>	<b>\$903,251</b>	<b>(\$83,651)</b>	<b>-10%</b>
<b>Other Expense</b>					
42 Equipment (OFC) Replacement	3,000	1,500	-	1,500	100%
<b>Total Other Expense</b>	<b>\$3,000</b>	<b>\$1,500</b>	<b>\$0</b>	<b>\$1,500</b>	<b>100%</b>
<b>Total Expense</b>	<b>\$1,971,000</b>	<b>\$985,500</b>	<b>\$1,032,581</b>	<b>(\$47,081)</b>	<b>-5%</b>
<b>Asset Acquisitions</b>					
43 Computer/Server Replacement	22,000	11,000	15,334	(4,334)	-39%
44 Vehicle Replacement	35,000	17,500	-	17,500	100%
<b>Total Asset Acquisitions</b>	<b>\$57,000</b>	<b>\$28,500</b>	<b>\$15,334</b>	<b>\$13,166</b>	<b>46%</b>
<b>TOTAL GENERAL EXPENSES</b>	<b>\$2,028,000</b>	<b>\$1,014,000</b>	<b>\$1,047,915</b>	<b>(\$33,915)</b>	<b>-3%</b>

a Increase in \$3,000 due to formatting error in approved budget

**Rubidoux Community Services District**  
**Trash Fund Budget**  
**For the Six Months Ended December 31, 2019**

	Annual Budget 2019/2020	YTD Budget 2019/2020	YTD Actual 2019/2020	Favorable (Unfavorable) Variance	
<b>Operating Income</b>					
1 Sales:Trash	3,516,400	1,758,200	1,617,464	(140,736)	-8%
2 Tri-Co Rolloff Revenue	62,600	31,300	21,198	(10,102)	-32%
3 Trash Bag Sales	500	250	146	(104)	-42%
<b>TOTAL TRASH REVENUE</b>	<b>\$3,579,500</b>	<b>\$1,789,750</b>	<b>\$1,638,808</b>	<b>(150,942)</b>	<b>-8%</b>
<b>Operating Expense</b>					
4 Street Light Expense	105,000	52,500	51,078	1,422	3%
5 Bad Debt Expense:Trash	10,000	5,000	1,839	3,161	63%
6 Trash Contract Expense	3,392,200	1,696,100	1,544,372	151,728	9%
<b>Total Operating Expense</b>	<b>\$3,507,200</b>	<b>\$1,753,600</b>	<b>\$1,597,289</b>	<b>(156,311)</b>	<b>-9%</b>
<b>Administrative Expense</b>					
7 General Admin Expense	100,000	50,000	50,000	-	0%
<b>Total Administrative Expense</b>	<b>\$100,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>-</b>	<b>0%</b>
<b>Total Expense</b>	<b>\$3,607,200</b>	<b>\$1,803,600</b>	<b>\$1,647,289</b>	<b>156,311</b>	<b>9%</b>
8 <i>Transfer to/(from) Unrestricted Reserves</i>	(27,700)	(13,850)	(8,481)	(5,369)	39%
<b>TOTAL TRASH EXPENSES</b>	<b>\$3,579,500</b>	<b>\$1,789,750</b>	<b>\$1,638,808</b>	<b>(150,942)</b>	<b>-8%</b>



**Rubidoux Community Services District  
Fire / Weed Abatement Fund Budget  
For the Six Months Ended December 31, 2019**

	Annual Budget 2019/2020	YTD Budget 2019/2020	YTD Actual 2019/2020	Favorable (Unfavorable) Variance	
<b>Operating Income</b>					
1 Weed Abatement Assessment	24,000	12,000	(4,616)	(16,616)	-138%
2 Property Taxes-Secured:Gnrl	2,856,000	1,428,000	673,821	(754,179)	-53%
3 Property Taxes-Unsecured	95,000	47,500	82,266	34,766	73%
4 Property Taxes-SBE & HOX	82,000	41,000	3,239	(37,761)	-92%
5 Property Taxes-SPY & 2345	30,500	15,250	16,165	915	6%
<b>TOTAL FIRE/WEED ABATEMENT REVENUE</b>	<b>\$3,087,500</b>	<b>\$1,543,750</b>	<b>\$770,875</b>	<b>(\$772,875)</b>	<b>-50%</b>
<b>Operating Expense</b>					
6 Utilities Fire Dept	25,000	12,500	9,272	3,228	26%
7 Postage Expense:Weed	450	225	-	225	100%
8 Weed Abatement Contract	15,000	7,500	16,481	(8,981)	-120%
9 CDF Contract	2,474,359	1,237,180	-	1,237,180	100%
10 Publication of Public Notices	2,000	1,000	540	460	46%
11 Miscellaneous: Fire	1,000	500	-	500	100%
12 Repairs and Maintenance (New)	45,700	22,850	-	22,850	100%
13 Riverside Cnty Admin Charge	6,300	3,150	3,035	115	4%
14 <i>Property Tax Transfer Out</i>	517,691	258,846	741,547	(482,702)	-186%
<b>TOTAL FIRE/WEED ABATEMENT EXPENSE</b>	<b>\$3,087,500</b>	<b>\$1,543,750</b>	<b>\$770,875</b>	<b>\$772,875</b>	<b>50%</b>

**Rubidoux Community Services District**  
**Water Fund Budget**  
**For the Six Months Ended December 31, 2019**

	Annual Budget 2019/2020	YTD Budget 2019/2020	YTD Actual 2019/2020	Favorable (Unfavorable) Variance	
<b>Operating Income</b>					
1 Sales - Residential	3,550,000	1,775,000	1,829,569	54,569	3%
2 Sales - Commercial	1,200,000	600,000	685,024	85,024	14%
3 Sales - Late Charges	162,000	81,000	74,344	(6,656)	-8%
4 Sales - Service Charges	6,000	3,000	2,536	(464)	-15%
5 Sales - Reconnect Charge	20,000	10,000	8,040	(1,960)	-20%
6 Sales - Meters	2,100	1,050	970	(80)	-8%
<b>Total Operating Income</b>	<b>\$4,940,100</b>	<b>\$2,470,050</b>	<b>\$2,600,483</b>	<b>\$130,433</b>	<b>5%</b>
<b>Other Income</b>					
7 Interest Income	136,000	68,000	67,081	(919)	-1%
8 Miscellaneous Revenue	4,000	2,000	7,314	5,314	266%
9 Interest Income:Non-Operati	17,000	8,500	8,645	145	2%
<b>Total Other Income</b>	<b>\$157,000</b>	<b>\$78,500</b>	<b>\$83,043</b>	<b>\$4,543</b>	<b>6%</b>
<b>TOTAL WATER REVENUE</b>	<b>\$5,097,100</b>	<b>\$2,548,550</b>	<b>\$2,683,526</b>	<b>\$134,976</b>	<b>5%</b>
<b>Operating Expense</b>					
10 Pump Energy Costs	400,000	200,000	137,332	62,668	31%
11 Water Analyses	70,000	35,000	51,973	(16,973)	-48%
12 Bad Debt Expense:Wtr	21,000	10,500	(1,863)	12,363	118%
13 R & M Vehicle	25,500	12,750	13,872	(1,122)	-9%
14 R & M Equipment, Heavy	21,000	10,500	4,886	5,614	53%
15 R & M Water System	180,000	90,000	106,447	(16,447)	-18%
16 R & M Office	10,000	5,000	2,761	2,239	45%
17 Recurring Operating Expense	315,000	157,500	124,992	32,508	21%
18 Op/Maint Wellhd Treat Facility (N03 Plt)	225,000	112,500	104,320	8,180	7%
19 Bank Service Charges	70,000	35,000	38,368	(3,368)	-10%
20 Chemical/Mineral Supplies	50,000	25,000	12,776	12,224	49%
21 Regulatory Fee/State	33,000	16,500	884	15,616	95%
22 Clothing/Shoe Expense	7,700	3,850	5,484	(1,634)	-42%
23 Employee Education and Training	-	-	1,073	(1,073)	0%
24 Utilities	5,500	2,750	1,273	1,477	54%
25 Telephone	5,200	2,600	1,485	1,115	43%
26 Dues & Subscriptions	3,000	1,500	(97)	1,597	106%
27 Licenses & Permits	30,000	15,000	12,656	2,344	16%
28 Mileage & Conference Expense	3,000	1,500	1,710	(210)	-14%
29 Gasoline Expense	56,000	28,000	25,510	2,490	9%
30 Liability Insurance	49,900	24,950	22,638	2,312	9%
31 Attorney Fees	5,000	2,500	-	2,500	100%
32 Engineering Fees:WTR	40,000	20,000	17,230	2,770	14%
33 Loss Claims	20,000	10,000	\$6,325	3,675	37%
34 Publication of Public Notices	2,500	1,250	\$0	1,250	100%
35 Miscellaneous Expense	5,500	2,750	\$0	2,750	100%
36 123 TCP Treatment Well #2 Equip Lease	9,800	4,900	\$0	4,900	100%
<b>Total Operating Expense</b>	<b>\$1,663,600</b>	<b>\$831,800</b>	<b>\$692,035</b>	<b>\$139,765</b>	<b>17%</b>

**Rubidoux Community Services District**  
**Water Fund Budget**  
**For the Six Months Ended December 31, 2019**

	Annual Budget 2019/2020	YTD Budget 2019/2020	YTD Actual 2019/2020	Favorable (Unfavorable) Variance	
<b>Administrative Expense</b>					
37 Salaries Expense	1,317,100	658,550	\$711,315	(52,765)	-8%
38 Payroll Tax Expense	93,100	46,550	\$48,006	(1,456)	-3%
39 Health & Retirement Expense	548,300	274,150	\$329,409	(55,259)	-20%
40 Workers Comp Insurance	49,500	24,750	\$26,120	(1,370)	-6%
41 General Admin Expense	600,000	300,000	\$300,000	-	0%
<b>Total Administrative Expense</b>	<b>\$2,608,000</b>	<b>\$1,304,000</b>	<b>\$1,414,850</b>	<b>(\$110,850)</b>	<b>-9%</b>
<b>Other Expense</b>					
42 SERIES 1998-Misc. Expense	1,500	750	\$0	750	100%
43 MN Plnt 17-18 Interest Exp	114,300	57,150	\$56,364	786	1%
44 <i>Transfer to Unrestricted Reserves</i>	159,800	79,900	\$143,273	(63,373)	-79%
<b>Total Other Expense</b>	<b>\$275,600</b>	<b>\$ 137,800</b>	<b>\$199,637</b>	<b>\$ (61,837)</b>	<b>-45%</b>
<b>Total Expense</b>	<b>\$4,547,200</b>	<b>\$2,273,600</b>	<b>\$2,306,522</b>	<b>(\$32,922)</b>	<b>-1%</b>
<b>Asset Acquisitions</b>					
45 Fleet Replacement	65,000	32,500	\$49,385	(16,885)	-52%
46 Pickup Truck	30,000	15,000	\$27,730	(12,730)	-85%
47 Field Ofc Imprvmt	50,000	25,000	\$0	25,000	100%
48 Well 2 GAC Vessels	155,000	77,500	\$152,602	(75,102)	-97%
49 Chlorine Pump	-	-	\$5,135	(5,135)	0%
50 SCADA Well 2, 8, Manganese	-	-	\$16,418	(16,418)	0%
<b>Total Asset Acquisitions</b>	<b>\$300,000</b>	<b>\$150,000</b>	<b>\$251,270</b>	<b>(\$101,270)</b>	<b>-68%</b>
<b>Long-Term Debt</b>					
51 Debt Service - MN Plant 17-18 Principal	249,900	124,950	\$125,734	(784)	-1%
<b>Total Long-Term Debt</b>	<b>\$249,900</b>	<b>\$124,950</b>	<b>\$125,734</b>	<b>(\$784)</b>	<b>-1%</b>
<b>TOTAL WATER EXPENSES</b>	<b>\$5,097,100</b>	<b>\$2,548,550</b>	<b>\$2,683,526</b>	<b>(\$134,976)</b>	<b>-5%</b>

**Rubidoux Community Services District**  
**COP Water Fund Budget**  
**For the Six Months Ended December 31, 2019**

	Annual Budget 2019/2020	YTD Budget 2019/2020	YTD Actual 2019/2020	Favorable (Unfavorable) Variance	
<b>Operating Income</b>					
1 Sales Bond	1,100,000	550,000	504,555	(45,445)	-8%
2 SERIES 1998-Interest Income	17,500	8,750	4,852	(3,898)	-45%
<b>TOTAL COP WATER REVENUE</b>	<b>\$1,117,500</b>	<b>\$558,750</b>	<b>\$509,407</b>	<b>(\$49,343)</b>	<b>-9%</b>
<b>Other Expense</b>					
3 SERIES 1998-Interest Expense	173,000	86,500	93,330	(6,830)	-8%
4 <i>Transfer To Reserves</i>	409,500	204,750	(118,923)	323,673	158%
<b>Total Other Expenses</b>	<b>\$582,500</b>	<b>\$291,250</b>	<b>(\$25,593)</b>	<b>\$316,843</b>	<b>109%</b>
<b>Long-Term Debt</b>					
5 Debt Service - SERIES 1998 Principal	535,000	267,500	535,000	(267,500)	-100%
<b>Total Long-Term Debt</b>	<b>\$535,000</b>	<b>\$267,500</b>	<b>535,000</b>	<b>(\$267,500)</b>	<b>-100%</b>
<b>TOTAL COP WATER EXPENSES</b>	<b>\$1,117,500</b>	<b>\$558,750</b>	<b>\$509,407</b>	<b>\$49,343</b>	<b>9%</b>

**Rubidoux Community Services District  
Water Capital Improvement Project (CIP) Budget  
For the Six Months Ended December 31, 2019**

	Annual Budget 2019/2020	YTD Budget 2019/2020	YTD Actual 2019/2020	Favorable (Unfavorable) Variance	
<b>Operating Income</b>					
1 Developers EDU Fees:Income	500,000	250,000	38,144	(211,856)	-85%
2 <i>Transfer (to)/from Reserves</i>	550,000	275,000	236,879	(38,121)	-14%
<b>TOTAL WATER CIP REVENUE</b>	<b>\$1,050,000</b>	<b>\$525,000</b>	<b>\$275,023</b>	<b>(\$249,977)</b>	<b>-48%</b>
<b>Operating Expense</b>					
3 Goldenwest Booster					
4 (Improvements)	250,000	125,000	-	125,000	100%
5 New Well (1A) @ 34th St & Crestmore	-	-	46,931	(46,931)	
6 Well 17A Construction	350,000	175,000	-	175,000	100%
7 Well 18 Rehab	60,000	30,000	10,814	19,186	64%
8 Well 4 GAC (No3 Plt)	325,000	162,500	217,278	(54,778)	-34%
9 District Tank Assessment <sup>a</sup>	40,000	20,000	-	20,000	100%
10 Purchase Tax-Defaulted Parcels <sup>b</sup>	25,000	12,500	-	12,500	100%
<b>TOTAL WATER CIP EXPENSES</b>	<b>\$1,050,000</b>	<b>\$525,000</b>	<b>\$275,023</b>	<b>\$249,977</b>	<b>48%</b>

a DM 2019-72 - District tank inspections

b DM 2019-64 - Purchase of two parcels of approx. .66 acres in total

**Rubidoux Community Services District  
Water Replacement Project Budget  
For the Six Months Ended December 31, 2019**

	Annual Budget 2019/2020	YTD Budget 2019/2020	YTD Actual 2019/2020	Favorable (Unfavorable) Variance	
<b>Operating Income</b>					
1 Sales Water Replacement	160,000	80,000	77,459	(2,541)	-3%
<b>TOTAL WATER REPLCMT PROJ. REVENUE</b>	<b>\$160,000</b>	<b>\$80,000</b>	<b>\$77,459</b>	<b>(\$2,541)</b>	<b>-3%</b>
<b>Operating Expense</b>					
2 <i>Transfer to/(from) Reserves</i>	160,000	80,000	77,459	2,541	3%
<b>TOTAL WATER RPLCMT PROJ. EXPENSES</b>	<b>\$160,000</b>	<b>\$80,000</b>	<b>\$77,459</b>	<b>\$2,541</b>	<b>3%</b>

**Rubidoux Community Services District**  
**Sewer Fund Budget**  
**For the Six Months Ended December 31, 2019**

	Annual Budget 2019/2020	YTD Budget 2019/2020	YTD Actual 2019/2020	Favorable (Unfavorable) Variance	
<b>Operating Income</b>					
1 Sales - RST	2,152,000	1,076,000	943,823	(132,177)	-12%
2 Sales - Sewer	750,000	375,000	307,688	(67,312)	-18%
<b>Total Operating Income</b>	<b>\$2,902,000</b>	<b>\$1,451,000</b>	<b>\$1,251,511</b>	<b>(199,489)</b>	<b>-14%</b>
<b>Other Income</b>					
3 Interest Income	10,000	5,000	9,716	4,716	94%
4 Miscellaneous Income	2,000	1,000	-	(1,000)	-100%
5 Interest Income:Non Operatiol	31,000	15,500	13,213	(2,287)	-15%
6 <i>Transfer from/(to) Unrestricted Reserves</i>	<i>123,500</i>	<i>61,750</i>	<i>(340,144)</i>	<i>(401,894)</i>	<i>-651%</i>
<b>Total Other Income</b>	<b>\$166,500</b>	<b>\$83,250</b>	<b>(\$317,215)</b>	<b>(400,465)</b>	<b>-481%</b>
<b>TOTAL SEWER REVENUE</b>	<b>\$3,068,500</b>	<b>\$1,534,250</b>	<b>\$934,296</b>	<b>(599,954)</b>	<b>-39%</b>
<b>Operating Expense</b>					
7 Energy Costs	51,500	25,750	17,560	8,190	32%
8 Riverside City Treatment Costs	1,900,000	950,000	398,037	551,963	58%
9 Industrial Pretreatment Costs	75,000	37,500	15,615	21,885	58%
10 Lab Fees	45,000	22,500	29,483	(6,983)	-31%
11 Bad Debt Expense	10,000	5,000	-	5,000	100%
12 R & M Equipment	15,000	7,500	3,635	3,865	52%
13 R&M Sewer System	60,000	30,000	42,202	(12,202)	-41%
14 Hydrowash	62,000	31,000	14,089	16,911	55%
15 Operating Expense	7,000	3,500	3,781	(281)	-8%
16 Telephone	1,000	500	214	286	57%
17 Licenses & Permits	8,300	4,150	4,307	(157)	-4%
18 Gasoline Expense	5,000	2,500	1,797	703	28%
19 Liability Insurance	13,000	6,500	5,180	1,320	20%
20 City Riverside Litigation	100,000	50,000	80,940	(30,940)	-62%
21 Engineering Fees	10,000	5,000	15,341	(10,341)	-207%
22 Loss Claims	20,000	10,000	-	10,000	100%
23 Publication of Public Notices	500	250	-	250	100%
24 Miscellaneous Expense	5,000	2,500	35	2,465	99%
25 Feasibility Study (Wastewater Trtmt Plnt)	50,000	25,000	-	25,000	100%
<b>Total Operating Expense</b>	<b>\$2,438,300</b>	<b>\$1,219,150</b>	<b>\$632,216</b>	<b>586,934</b>	<b>48%</b>
<b>Administrative Expense</b>					
26 Salaries Expense	75,000	37,500	39,787	(2,287)	-6%
27 Payroll Tax Expense	5,800	2,900	3,229	(329)	-11%
28 Health & Retirement Expense	11,400	5,700	7,897	(2,197)	-39%
29 Workman's Compensation Ins.	3,000	1,500	1,167	333	22%
30 Admn General Expense	500,000	250,000	250,000	-	0%
<b>Total Administrative Expense</b>	<b>\$595,200</b>	<b>\$297,600</b>	<b>\$302,080</b>	<b>(4,480)</b>	<b>-2%</b>
<b>Total Expense</b>	<b>\$3,033,500</b>	<b>\$1,516,750</b>	<b>\$934,296</b>	<b>582,454</b>	<b>38%</b>

**Rubidoux Community Services District  
Sewer Fund Budget  
For the Six Months Ended December 31, 2019**

	Annual Budget 2019/2020	YTD Budget 2019/2020	YTD Actual 2019/2020	Favorable (Unfavorable) Variance	
<b>Asset Acquisitions</b>					
31 Security Cameras @ Wtr Qlty Cntl Plnt	35,000	17,500	-	17,500	100%
<b>Total Asset Acquisitions</b>	<b>\$35,000</b>	<b>\$17,500</b>	<b>\$0</b>	17,500	100%
<b>TOTAL SEWER EXPENSES</b>	<b>\$3,068,500</b>	<b>\$1,534,250</b>	<b>\$934,296</b>	<b>\$599,954</b>	39%



**Rubidoux Community Services District  
Sewer Capital Improvement Project (CIP) Budget  
For the Six Months Ended December 31, 2019**

	Annual Budget 2019/2020	YTD Budget 2019/2020	YTD Actual 2019/2020	Favorable (Unfavorable) Variance	
<b>Operating Income</b>					
1 Developer Fees	500,000	250,000	22,516	(227,484)	-91%
2 <i>Due from Sewer Replacement Fund</i>	8,400	4,200	-	(4,200)	-100%
3 <i>Transfer (to)/from Restricted Reserves</i>	723,600	361,800	334,425	(27,375)	-8%
<b>TOTAL SEWER CIP REVENUE</b>	<b>\$1,232,000</b>	<b>\$616,000</b>	<b>\$356,941</b>	<b>(\$259,059)</b>	<b>-42%</b>
<b>Operating Expense</b>					
4 Jurupa Hills Lift Station (Replacement)	650,000	325,000	22,151	302,849	93%
5 Sewer Crossing (60 Frwy at Avalon St)	260,000	130,000	7,273	122,727	94%
6 Agua Mansa Sewer Brine Line (New)	322,000	161,000	327,517	(166,517)	-103%
<b>TOTAL SEWER CIP EXPENSES</b>	<b>\$1,232,000</b>	<b>\$616,000</b>	<b>\$356,941</b>	<b>\$259,059</b>	<b>42%</b>

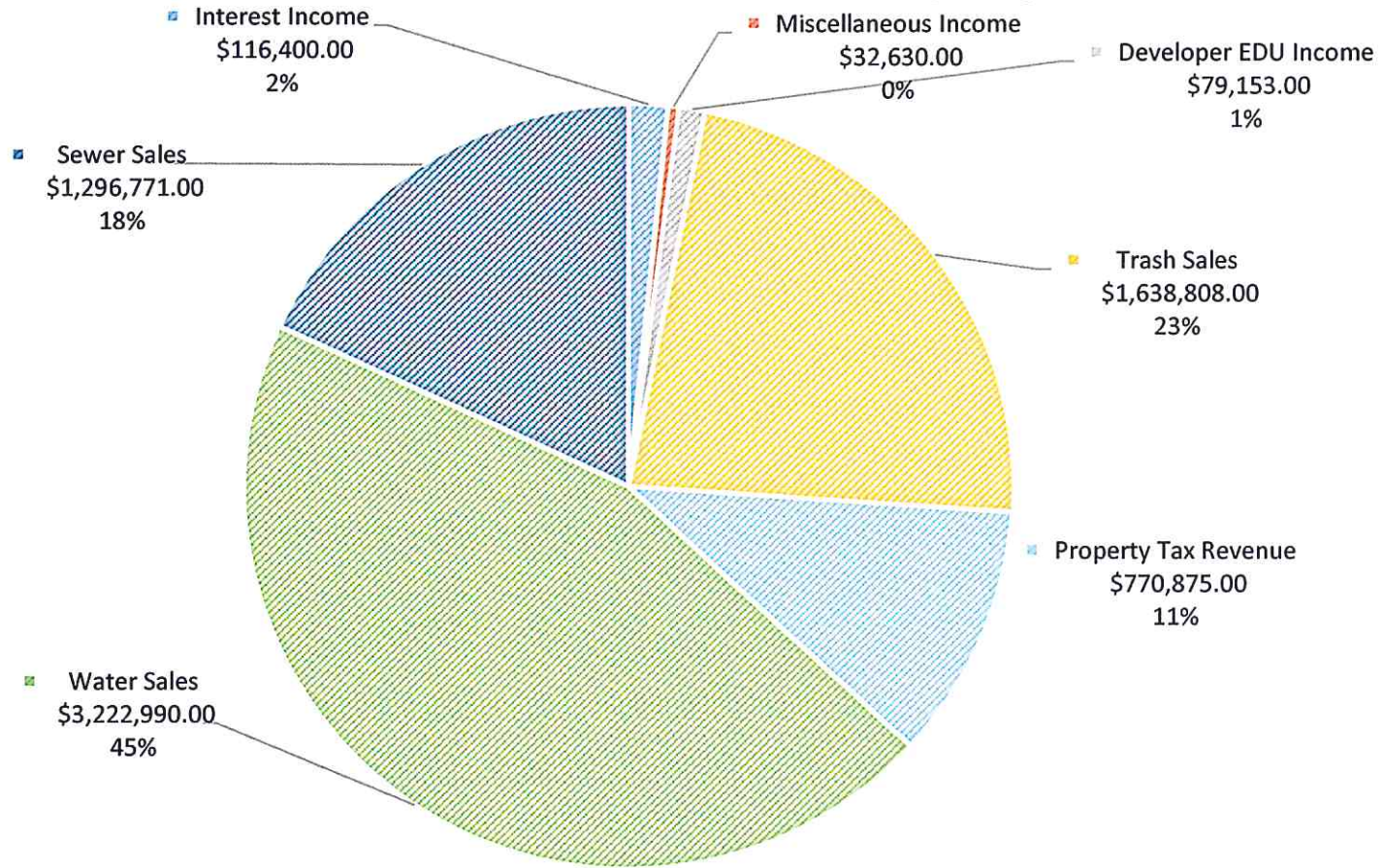
**Rubidoux Community Services District  
Sewer Replacement Project Budget  
For the Six Months Ended December 31, 2019**

	Annual Budget 2019/2020	YTD Budget 2019/2020	YTD Actual 2019/2020	Favorable (Unfavorable) Variance	
<b>Operating Income</b>					
1 Sewer Replacement Fees	100,000	50,000	45,260	(4,740)	-9%
<b>TOTAL SEWER RPLCMT PROJ. REVENUE</b>	<b>\$100,000</b>	<b>\$50,000</b>	<b>\$45,260</b>	<b>(\$4,740)</b>	<b>-9%</b>
<b>Operating Expense</b>					
2 Due to Sewer CIP Fund for Tilton Ph I	8,400	4,200	-	4,200	100%
3 <i>Transfer to Reserves</i>	91,600	45,800	45,260	540	0%
<b>TOTAL SEWER RPLCMT PROJ. EXPENSES</b>	<b>\$100,000</b>	<b>\$50,000</b>	<b>\$45,260</b>	<b>\$4,740</b>	<b>9%</b>

**For the Six Months Ended December 31, 2019**  
**Field/Admin Building Fund Budget**  
**As of December 31, 2019**

	Annual Budget 2019/2020	YTD Budget 2019/2020	YTD Actual 2019/2020	Favorable (Unfavorable) Variance	
<b>Operating Income</b>					
1 Sales - Field/Admin Bldg	95,000	47,500	40,493	(7,007)	-15%
<b>TOTAL FIELD/ADMIN BLDG REVENUE</b>	<b>\$95,000</b>	<b>\$47,500</b>	<b>\$40,493</b>	<b>(\$7,007)</b>	-15%
<b>Other Expense</b>					
2 Transfer to Reserves	95,000	47,500	40,493	7,007	15%
<b>TOTAL FIELD/ADMIN BLDG EXPENSES</b>	<b>\$95,000</b>	<b>\$47,500</b>	<b>\$40,493</b>	<b>\$7,007</b>	15%

# ACTUAL GROSS REVENUES BY SOURCE FOR THE SIX MONTHS ENDED 12/31/2019



Interest Income Miscellaneous Income Developer EDU Income Trash Sales Property Tax Revenue Water Sales Sewer Sales

14. **CLOSED EXECUTIVE SESSION** – PURSUANT TO  
GOVERNMENT CODE SECTION 54956.9: LEGAL COUNSEL  
STATUS ON LITIGATION CASE NO. CIVDS 1310520, CITY OF  
RIVERSIDE VS. RUBIDOUX COMMUNITY SERVICES DISTRICT

15. DIRECTORS COMMENTS – NON-ACTION

16. ADJOURNMENT