

Rubidoux Community Services District

Board of Directors

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

General Manager

Jeffrey D. Sims



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

NOTICE AND AGENDA FOR THE RUBIDOUX COMMUNITY SERVICES DISTRICT BOARD MEETING

Thursday, February 4, 2021 at 4:00 PM

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

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

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

- Using the Zoom App or website for free at: <https://zoom.us/>
 - o Once installed ahead of the meeting, you may choose your audio source as either computer speakers/microphone or telephone.
 - o If you wish to make public comments via the Zoom platform, the Board Secretary will identify you at your time to speak.
 - o Meeting ID is **433-532-2766**.
- Calling into the meeting at any one of the following numbers:
 - +1 669 900 9128
 - +1 346 248 7799
 - +1 301 715 8592
 - +1 312 626 6799
 - +1 646 558 8656
 - +1 253 215 8782

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

1. Call to Order – John Skerbelis, President
2. Pledge of Allegiance
3. Roll Call
4. Approval of Minutes for the January 21, 2021 Regular Meeting
5. Consideration to Approve February 5, 2021, Salaries, Expenses and Transfers
6. Acknowledgements – This is the time for Members of the Public to address the Board on Any Non-agenda Matter.
7. Correspondence and Related Information
8. Manager's Report (Second Meeting each Month):
 - a) Operations Report
 - b) Emergency and Incident Report

ACTION ITEMS:

9. Consider Approval of Purchase Order with Center Electric for SCADA System Upgrades: **DM 2021-07**
10. Closed Session: **REAL PROPERTY NEGOTIATIONS** – Discussion concerning price and terms. Negotiator: Jeffrey D. Sims.
11. Directors Comments - Non-action
12. Adjournment

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

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

4. APPROVAL OF:
MINUTES FOR JANUARY 21, 2021, REGULAR MEETING

MINUTES OF REGULAR MEETING
January 21, 2021
RUBIDOUX COMMUNITY SERVICES DISTRICT

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

DIRECTORS ABSENT:

STAFF PRESENT: Jeffrey Sims, General Manager
Ted Beckwith, Director of Engineering
Brian Laddusaw, Director of Finance
Brian Jennings, Manager Budgeting/Accounting
Miguel Valdez, Manager M & O

Call to order: the meeting of the Board of Directors of the Rubidoux Community Services District by President Skerbelis, at 4:00 P.M., Thursday, January 21, 2020, by teleconferencing at District Office, 3590 Rubidoux Boulevard, Jurupa Valley, California.

President Skerbelis requested the Board add Item 19 to the agenda: Anticipated Litigation (Govt. Code 54956.9(d)(4). One case.

This will take a 4/5 vote to add the item to the agenda.

***Director Skerbelis made a motion and Director Trowbridge seconded the motion that the Board add agenda Item 19, Anticipated Litigation (Govt. Code 54956.9(d)(4). One case.**

Roll call:

Ayes – 4 (Muniz, Skerbelis, Trowbridge, Trueba)

Noes – 1 (Murphy)

Abstain – 0

Absent – 0

The motion was carried 4-1.

ITEM 4. APPROVAL OF MINUTES

Approval of Minutes for December 17, 2020, Board Meeting.

Director Trueba moved, and Director Muniz seconded to approve the December 17, 2020 Regular Board Minutes.

Roll call:

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

Noes – 0

Abstain – 0

Away – 0

The motion was carried unanimously.

ITEM 5. Consideration to Ratify the January 7, 2021 and Approve the January 21, 2021 Salaries, Expenses and Transfers.

Consideration to:

A) Ratify the January 7, 2021 Salaries, Expenses and Transfers.

B) Approve the January 21, 2021 Salaries, Expenses and Transfers.

Director Muniz moved, and Director Trueba seconded to:

A) Ratify the January 7, 2021 Salaries, Expenses and Transfers

B) Approve the January 21, 2021 Salaries, Expenses and Transfers

Roll call:

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

Noes – 0

Abstain – 0

Absent – 0

The motion was carried unanimously.

ITEM 6. PUBLIC ACKNOWLEDGE OF NON-AGENDA MATTERS

There were no members of the public at this time.

ITEM 7. CORRESPONDENCE AND RELATED INFORMATION

Not used.

ITEM 8. MANAGER'S REPORT

Operations Report:

Miguel Valadez, Manager of Operations gave the Operations Report. There have been some power outages at the lift stations due to PSP's by SCE during high wind events, but we have generators there so there was no impact. For the month of December, water production averaged

4.13 mg/day. Well No. 8 produced 53% of the production; Well No. 1 had 19% of production, Well No. 2 had 28.3% of production.

Emergency and Fire Report:

Chief Andrew Kibby gave the current Fire Report:

Incidents Reported for the month of December 2020 for Station 38 totaled of 303 calls. Of these 231 calls, 75%, were medical aides. Additionally, there was a report for the City of Jurupa Valley. There were 15 traffic collisions. For the City of Jurupa Valley, there was a total of 308 calls. This was a 21% increase in call volume compared to December 2019. There has been an increase from COVID-19 responses. The calendar year total for 2020 finished with 3,092 calls for service out of Station 38. The annual increase this year was 3% as compared to calendar year 2019.

County Fire started a new business inspection program in the District with funding split between Eastvale and Rubidoux. After the Wilson incident, Fire started getting online with the pallet yard storage facilities. They are working with the Riverside County Fire Marshal's office to establish a new ordinance to update it with the current California State Fire Code. They are trying to find a happy median between Jurupa Valley Ordinance 2018 and the Fire Code 2019 edition. One is much stricter than the other and they are trying to find a median between the two so that we don't take out all of the businesses in the area. Currently they are working on a temporary basis trying to work with each pallet yard until they can get a final result and nail it down. We are hopeful that within the next few weeks they should be able to have something that is set in code for the Jurupa Valley area. Joe has taken off into the business inspections which is an asset for the Fire Department and Fire Prevention. Some of the key trending hazards Joe is noting within the CSD's are Exiting; a lot of the Exits - the doors in the older buildings have not been maintained correctly and they are having exiting issues. Joe got trapped inside of the old county building on Mission Blvd. They have a gate on the front; he went to the knoxbox and got trapped in there when the door closed. Luckily, there was someone still there when he knocked on the door to let him out. In the restaurant businesses he is finding that the hoods are not being properly taken care of. He is making them aware that they need to clean out their grease traps in order to limit fire responses. Fire extinguishers - they either do not have them, or they are not being maintained; additionally, the staff in these businesses are unaware of how to use fire extinguishers in case of an emergency. Knoxboxes - many of the businesses have the knoxboxes, however the keys are incorrect. A lot of them do not have the knoxboxes. Joe is spending a lot of time educating the businesses rather than hitting them with violations. He is helping them get the corrections done and starting to build the program. He is doing a great job and the businesses are welcoming him to assist them.

Brian Laddusaw reported on the delay of the termite fumigation for Fire Station 38 due to the high winds the week of the regularly scheduled service. It has been rescheduled for the following week.

ITEM 9. Receive and File Statement of Cash Asset Schedule Report Ending December 2020. DM 2021-01.

BACKGROUND

Attached for the Board of Directors' consideration is the December 2020 Statement of Cash Asset Schedule Report for all District Fund Accounts. Our YTD interest is \$100,375.89 for District controlled accounts. With respect to District "Funds in Trust", we show \$4,217.10 which has been earned and posted. The District has a combined YTD interest earned total of \$104,592.99 as of December 31, 2020.

The District's Operating Funds (Excluding Restricted Funds and Operating Reserves), we show a balance of \$6,335,812.12 ending December 31, 2020. That's **\$535,351.50 LESS** than July 1, 2020, beginning balance of \$6,871,163.62.

Further, the District's Field/Admin Fund current fund balance is \$624,957.10.

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

Director Trowbridge moved, and Director Muniz seconded to Receive and File the Statement of Cash for the Month of December 2020 for the Rubidoux Community Services District.

Roll call:

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

Noes – 0

Abstain – 0

Absent – 0

The motion was carried unanimously.

ITEM 10. Consider Award of Professional Services Contract for Water and Sewer Master Plans, Urban Water Management Plan, American Water Infrastructure Act Risk Assessment and Operational Strategy. DM 2021-02.

BACKGROUND

Rubidoux Community Services District ("District") as a public utility is required to prepare various documents on a periodic basis. Documents requiring preparation include: Water and Sewer Master Plan Updates, Urban Water Management Plan Update, and American Water Infrastructure Act ("AWIA") Documents. These documents provide information useful in guiding decisions to meet current and future development within the District by identifying necessary facilities and their costs. After completion of these documents there will be updated information on customer demands and system hydraulics, which will provide foundational data to develop a Water System Operational Plan, useful for day-to-day operation optimization. Below is additional information on each of these necessary documents:

Update of 2015 Water and Sewer Master Plans

District Master Plans are used to identify future water and sewer facilities and costs needed to support current and new development within the District. The District last updated its Master Plans in 2015, and typically they should be updated every five (5) years, coinciding with required updates of the District's Urban Water Management Plan ("UWMP") on years ending in "0" and "5".

Updating the Master Plan includes confirmation of current District demands and developing estimates for ultimate build-out demands based on land use plans adopted by the City of Jurupa Valley. Hydraulic models are prepared for the water and sewer systems and the existing and ultimate demands are input. Deficiencies in the current District facilities to meet ultimate demands are identified, along with their project costs. For the Sewer Master Plan, this would include addition of trunk sewer mains, new lift stations, and various replacement of undersized sewer mains. For the Water Master Plan transmission pipelines, pump stations, storage needs, and supply requirements are detailed.

With this Water Master Plan update greater emphasis will be placed on water quality needs. As the Board is aware the State Water Resources Control Board Division of Drinking Water ("DDW") establishes various requirements for removal of contaminants such as TCP 1223, Manganese, Nitrate, and PFOS/PFOA among other constituents. Treatment processes for contaminants removals is expensive, both in initial construction and ongoing operation. In addition to these contaminants, ground water pumped and used by the District has relatively high levels of Total Dissolved Solids ("TDS"), consisting mainly of various salts. The City of Riverside Treatment has a limit on TDS of 650 ppm in sewage effluent delivered by the District to the City of Riverside. Currently the District delivers sewage to the City of Riverside with TDS of approximately 740 ppm. As part of the Master Plan Update, the District will identify options to meet the TDS limit. Options may include Reverse Osmosis ("RO") treatment or blending District water supply with low TDS water from other agencies. The costs of meeting this requirement is anticipated to represent a significant expense to the District and needs to be included in the District's determination of Water and Sewer Capacity Fees. Completing the Master Plan Updates will support the District's ability to prepare a comprehensive Cost-of-Service Report the Board of Directors can use in considering establishment of appropriate Capacity Fees and Rates. Given the complexities of the Master Plan Updates and Cost-of-Service Report, realistically it may take until Spring 2022 to adopt new Capacity Fees and a 5-year rate plan.

Update of the 2015 Urban Water Management Plan

To comply with DDW requirements, the District's 2015 UWMP needs updating. This update is required to be done every five years and generally coincides with Master Plan Updates. The Urban Water Management Plan is a report that is generated identifying future growth and development within the District and how the District will have sufficient water to serve the needs of a growing population over the next 20 years. It also discusses compliance with water conservation requirements and water reuse efforts.

American Water Infrastructure Act Documents

Congress passed and the President signed into law the American Water Infrastructure Act on October 23, 2018. This act requires water agencies such as the District serving more than 3,300 people to develop or update Risk and Vulnerability Assessments, and Emergency Response Plans (ERP's). The law specifies components the Risk and Vulnerability Assessments and ERP must address and establishes deadlines by which water systems must certify to EPA completion.

The deadline for agencies serving between 3301 and 49,999 customers to certify and submit the risk assessment and ERP is June 30, 2021. The District falls within this range of customers and needs to have this effort completed by June 30, 2021.

Operational Plan

The removal of PFOS and PFOA from drinking water requires the use of filter media in pressure vessels. Over time the material (resin or granulated activated carbon ("GAC")) needs to be replaced. The goal is to extend the life of the media so as much water as possible can be treated with the least number of media change outs. Media change out costs approximately \$50,000 per pressure vessel. Complicating this treatment process is avoiding fouling of the media. Fouling of the media is a result of bacteriological growth within the media when media sits unused for an extended period. Essentially the bacteriological growth inhibits the water from passing through the media and reduces the effectiveness of media reaction to the contaminants. To avoid fouling water needs to run through the filter media regularly. There will be seven (7) GAC Filters and six (6) Ion Exchange Filters filled with resin in the District's system by the end of July 2021.

Once the treatment processes are completed, the District will not need to operate all production wells during peak usage times. The District has flexibility in well and associated treatment processes operations to match customer demand, which fluctuates generally with temperature. In the past it was not a consideration as to when to run individual wells because there was no filter media to consider. This will no longer be the case when the treatment systems are in place. To address this, the District needs to have an Operational Plan to look at historic minimum and maximum demands and have a strategy as to when to run the wells to keep the filter media from fouling. A secondary benefit of an Operational Plan is to be able to run the well pumps at times when electricity cost is lower to save money on pumping costs. The District will have more water supply than it uses and should be in the position to sell water to other agencies. This consideration will be contemplated into the Operational Plan.

These four efforts being performed in combination will generate information that will be useful in each individual plan. To that end, staff prepared a Request for Proposal seeking proposals for all four efforts to be completed by one consultant with anticipation there would be some economies of scale.

A total of four proposals were received. Firms submitting included: Krieger and Stewart, Water Systems Consulting, Inc., Hansen, Allen & Luce, Inc., and Webb Associates. Staff considered the proposal from Hansen, Allen & Luce, Inc. as non-responsive to the RFP and incomplete.

Given the work to be proposed on, the firm selected after completing the work, would have a deep understanding of the District and lead to a long-term relationship. Besides being able to produce the work product requested in the Request for Proposal, staff also considered the following:

1. Staffing resources assigned to complete the work.
2. Function in the capacity as the District Engineer – being the District's consultant most familiar with the District and act as a resource for engineering, regulatory, and operational needs on an ongoing basis.
3. Understanding of the work requested and demonstrating it in the proposal and follow up calls.

4. Relationships with other area public agencies the District may work with for water supply to mitigate TDS issues.
5. Ability to meet completion deadlines specifically on AWIA and UWMP efforts.

Of the three firms, Webb Associates is the recommended firm. Although Krieger and Stewart and WSC provided excellent proposals, Webb Associates demonstrated great familiarity with other area public agencies anticipated to be beneficial to the District. Webb is the long-term District Engineer for Jurupa Community Services District ("JCSD") and actively updating JCSD's master plans and working on import water supply alternatives. As the Board may recall, the District and JCSD executed a Memorandum of Understanding to collaborate and partner on water supply efforts. Using the same engineer should foster planning with mutual benefit and easier to coordinate.

Although Krieger and Stewart were not selected for this effort, the District will continue to utilize them on other efforts. Currently they provide regulatory assistance and assist with oversight of the District's Pretreatment Program. They will continue to provide plan checking, construction management, and inspections.

Webb Associates proposal, attached, was from cost standpoint competitive with Krieger and Stewart's proposal. Although this is a professional services contract and qualification based rather than price based, pricing was competitive and comparable. This work was not anticipated when the two-year District Budget was prepared in early 2019. Due to timing constraints, this work needs to be started rather than waiting for approval of the FY 2021-2022 Budget. Therefore, an amendment for the FY 2020-2021 Budget is necessary. Webb Associates proposal of \$311,540 is composed of the following:

Water and Sewer Master Plans	\$144,600
Urban Water Management Plan	\$68,700
Operational Plan Development	\$38,630
AWIA Compliance	\$39,610

The Water and Sewer Master Plan Update and AWIA Compliance work involve the water and sewer enterprises. As such, staff proposes half of the Water and Sewer Master Plan Update and AWIA Compliance costs be funded from the Sewer Enterprise. The proposed Budget Amendment is as follows:

Sewer Enterprise: Allocate \$92,105 from Sewer Fund Reserves to the Sewer Operating Fund
Water Enterprise: Allocate \$219,435 from Water Fund Reserves to the Water Operating Fund

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

1. **Amend the FY 2020-2021 Budget:**
Allocate \$92,105 from Sewer Fund Reserves to the Sewer Operating Fund
Allocate \$219,435 from Water Fund Reserves to the Water Operating Fund
2. **Approve a professional services contract in the amount of \$311,540 with Webb Associates for the preparation of the Water and Sewer Master Plans, Urban Water Management Plan, American Water Infrastructure Act Risk Assessment and Operational Strategy for the District.**

Roll call:

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

Noes – 0

Abstain – 0

Absent – 0

The motion was carried unanimously.

ITEM 11. Consider Purchase of Two Regular Cab Pickup Trucks. DM 2021-03.

BACKGROUND

On Wednesday, December 30, 2020, the District received bids for the replacement of a 2014 Ford F150 truck used primarily for water enterprise functions. Staff requested bids for a replacement truck with the following criteria: model year 2021, series 150/1500 (1/2 ton), regular (single) cab pickup truck. Bidding documents were delivered to 10 dealerships (Chevrolet, Ford, and Dodge/Chrysler) in the local area. Two bids were received. Fairview Ford in San Bernardino submitted the lowest bid when combining cost of the new vehicle, trade-in, and warranty cost.

If approved, the new truck will replace a 2014 Ford F150 (last five of the VIN 09183) with approximately 70,000 miles. Delivery specification of March 5, 2021 may be delayed due to COVID-19, however the delay is acceptable.

The low bid was submitted by Fairview Ford in San Bernardino for a total bid of \$13,775.52 (including taxes, extended warranty, and trade-in). Copies of the bids are attached.

Based on the favorable bid, staff became interested in discussing disposition of the 2016 Ford Taurus SHO used by former GM's Lopez and Appel. This vehicle is not used by the current GM and sits idle. Instead of letting it sit and depreciate further, staff recommends it be traded in for another half-ton single cab truck. A truck will have greater functionality for Operations and is needed when the currently vacant System Operator II position is filled. As the Board may recall, due to COVID-19 mitigation measures all Operation staff are provided separate vehicles to enable social distancing.

As noted above, bids were requested from 10 local dealerships for a half-ton, single cab truck. Fairview Ford was the low bidder of the two bids received. Given their low bid on the first truck, staff contacted Fairview Ford for a quote for a second Regular Cab Pickup Truck. Fairview Ford's quote for a new 2021 Ford F150 (single cab, ½ ton) with additive warranty is the same as that for the first truck. With the trade-in value for the 2016 Ford Taurus, the net cost for the second truck is \$8,275.52. Staff verified trade-in value for the 2016 Ford Taurus provided by Fairview Ford is consistent with values in Kelly Blue Book and NADA.

Funding for vehicle purchases is included in this year's water operating budget. The total budget for vehicle replacements in the approved District FY 2020-2021 Budget is \$65,000.00. Of this budget, \$19,608 was previously authorized for purchase of a new meter reading Jeep. Adding the

net costs for two Ford F150 trucks (\$22,051.04) the total vehicle expenditures for FY 2020-2021 will be \$41,659.04, leaving \$23,340.96 unused.

Director Trueba moved, and Director Trowbridge seconded the RUSD Board of Directors authorize the General Manager to:

- 1. Purchase a 2021 Ford F150 Regular Cab Pickup Truck from Fairview Ford in San Bernardino for a total amount of \$13,775.52 (with extended warranty and trade-in); and**
- 2. Surplus for trade-in the District's 2014 Ford F150 (VIN: 1FMTMF1CM2EK09183) and accept Fairview Ford's trade-in offer of \$11,000.**
- 3. Purchase second 2021 Ford F150 Regular Cab Pickup Truck from Fairview Ford in San Bernardino for a total amount of \$8,275.52 (with extended warranty and trade-in); and**
- 4. Surplus for trade-in the District's 2016 Ford Taurus (VIN: 1FAHP2KT6GG117431) and accept Fairview Ford's trade-in offer of \$16,500.**

Roll call:

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

Noes – 0

Abstain – 0

Absent – 0

The motion was carried unanimously.

ITEM 13. Award of a Contract for PFAS Treatment at PFAS Treatment at MN Plant #2. DM 2021-04

BACKGROUND:

Construction Project Contract

As the Board may recall, The State Water Resources Control Board Division of Drinking Water ("DDW") has issued Rubidoux Community Services District ("District") a New General Order for Monitoring of Perfluoroalkyl Substances (Health and Safety Code Section 116378) Starting October 2020, attached. The Order establishes sampling and testing for PFOA and PFOS beginning the 4th Quarter of 2020. DDW expects the new order will increase public reporting requirements, guidance on detections, and determination of Response Level exceedances using an annual average of quarterly samples. Current notification and response levels for PFAS chemicals are listed below:

PFAS Compound	Notification Level	Response Level
	(ng/L)	(ng/L)
Perfluorooctanic acid (PFOA)	5.1	10
Perfluorooctanesulfonic acid (PFOS)	6.5	40

Current sampling results reflect all District wells will have difficulty meeting the lowered PFOA Response Level of 10 ng/L. Most District wells currently are at, or just above the PFOA Response Level without treatment.

The District hired Hazen and Sawyer (“Hazen”) to prepare the design for an Ion Exchange (IX) system to remove the PFOS and PFOA from the drinking water under DM 2020-11 and DM 2020-47.

Hazen prepared final designs and specifications for the IX System and provided a Bid Package addressing treatment requirements for Wells 1A, 8, and 18. The District advertised for competitive bids starting November 30, 2020. The treatment process will use ion exchange and include three trains of six pressure vessels in a lead-lag configuration filled with resin. The treatment process will be located at the Thompson Treatment Plant given there is available space and proximity to Wells 1A, 8, and 18. With the anticipation of sampling and reporting starting no later than 3rd Quarter of this year, the District will need to have the treatment system in operation by Summer 2021 to enable meeting the running quarterly average over four quarters.

The District held a bid opening on January 7, 2021 at 1:30 p.m. A total of 8 bids for the construction of the IX System were received ranging from \$1,872,900 to \$3,043,709. The bid packages were sent to Hazen on January 8, 2021 for their review and input. After review, it has been determined that the lowest responsible bidder was submitted by Pacific Hydrotech (“PacHydro”) in the amount of \$1,872,200. Staff has also determined that a contingency of 25% or \$468,225 should be added to the contract amount to provide contingency funding for any unforeseen circumstances resulting in change orders during construction. Award of the construction contract with contingency totals \$2,241,125. As a note the Engineer’s Estimate for the construction of the IX System was \$2,343,750.

Construction Oversight Contract

Given the complexities of this project, Construction Management and Contract Administration services will be necessary and staff recommends hiring a consultant with expertise to do this. This effort includes inspecting all aspects of the work, including but not limited to installation of the Ion Exchange Vessels, Piping and Associated Electrical Controls, as well as responding to contractor Requests for Information (RFI’s). This scope of work also includes keeping accurate daily diaries, performing inspections including pre-construction inspections to document the District’s existing facilities on site in case they are damaged during construction, verifying the contractor’s construction staking, resolving deficiencies, reviewing contractor partial pay requests, and providing “red-lined” construction plans of the as-built condition for use by Hazen and Sawyer and the District to update the design plans to become record drawings. They will also assist with review of contractor compliance with requirements in the specifications included to meet grant funding requirements for reimbursement of eligible expenses if the District is awarded a grant from United States Bureau of Reclamation. As the Board may recall, a grant application was submitted last year to USBR seeking \$1 million in grant funding for this work and it is anticipated notifications will be in the next 2 – 4 months. The Construction Oversight will also include observing the Start Up of the system to insure it is properly commissioned and runs as expected when it is initialized.

Staff obtained a Professional Services Proposal from Krieger and Stewart for Construction Oversight during construction to ensure that the project is being built in accordance with the Project Plans and Specifications and for oversight of the Start Up Procedures and

Commissioning at the end of construction. This proposal is in the amount of \$140,400 for Construction Management and Contract Administration along with an optional \$8,200 for Oversight of Start-Up Procedures. This is a total of \$148,600.

Owner Furnished Electrical

The District uses Center Electric for coordinating and installing and programming electrical components at its wells and treatment facilities. With this project, Center Electric will be hired to coordinate integration of this new treatment process with electrical systems and controls already in place for Wells 1A, 8 and 18, along with the manganese removal facilities already in place at the Leland Thompson Plant. A budget of not-to-exceed \$200,000 (equipment, labor, and contingency) is anticipated for costs associated with Center Electric's involvement.

Total Cost

Total construction related costs is obtained by summing the costs of construction costs with contingency for Pacific Hydrotech, construction oversight expense with Krieger and Stewart, and effort by Center Electric. The total is \$2,589,725. In addition to these costs, prior expenses already committed include:

1. Purchase of IX System from Evoqua	\$1,282,073.91
2. Pre-purchase of resin from Evoqua	\$ 785,037.05
3. Basis of design by Hazen	\$ 155,444.00
4. Final Design of IX System by Hazen	\$ 244,238.00
5. Geotechnical by Converse	\$ 29,600.00

The estimated grand total cost to attain start-up of the IX System is \$5,086,117.96. This total excludes any grant funding or unused contingency.

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

- 1. Amend the FY 2020-2021 Budget to move \$2,589.725 from Water Fund Reserves to the CIP to cover the cost of doing this project.**
- 2. Approve a contract in the amount of \$1,872,900 to Pacific Hydrotech for the required construction of the PFAS Treatment at MN Plant #2 per the attached proposal and Recommendation of Award Letter from Hazen.**
- 3. Approve a Professional Services Contract for Construction Oversight with Krieger and Stewart in the amount of \$148,600.**
- 4. Approve a Purchase Order for Center Electric in the amount of \$200,000.**

Roll call:

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

Noes – 0

Abstain – 0

Absent – 0

The motion was carried unanimously.

ITEM 14. Consider Purchase of a Sewer By-Pass Pump. DM 2021-05

BACKGROUND:

Rubidoux Community Services District (“District”) operates a sewer collection system to collect sewage from customers and send it to the City of Riverside for treatment and disposal. The collection system is comprised of gravity pipelines, force mains, and lift stations. On a routine basis, the gravity pipelines and lift stations are cleaned to remove solids, and Fats, Oils and Grease (“FOG”). The goal of clearing debris from the collection system is to avoid Sanitary Sewage Overflows (“SSO”), essentially situations where sewage overflows from the collection system and becomes a health hazard.

Extra emphasis is put on known “hot spots” where FOG and debris build up. Those areas are identified and cleaned more often. However, despite best efforts SSO’s do occur. SSO’s generally happen when there is an illegal discharging of materials into the collection system, or there is an equipment failure at a lift station (mechanical, electrical). When this happens, District staff responds to the emergency to unclog the pipeline or repair the lift station.

The District has trailer mounted vacuor equipment however this equipment has limitations in reach and pumping capacity. Staff contracts with Houston & Harris, a contractor with large vacuor trucks, to do routine work and respond during emergencies when the District’s trailer mounted vacuor equipment is determined to be insufficient.

Since sewage is collected 24/7 – 365, by-pass pumping is sometimes necessary to make repairs and minimize SSO’s. For example – a sewer pipeline is determined to have a failed crown (top of pipeline above the water line) due to corrosion causing dirt to fall in and clog sewage flow. In this example the pipe needs to be repaired/replaced while maintaining continuous sewage flow. Staff will go to the manhole immediately upstream of the failure location, install a plug on the downstream side of the manhole and pump flows from the manhole through temporary piping and discharge it to a manhole downstream of the failure location. Similarly, if there was a situation where a lift station needs repairs, a temporary pump can be used to pump through temporary piping to a downstream manhole where gravity flow begins. The District currently does not have equipment to do by-pass pumping.

Staff has identified equipment needed to do by-pass pumping. This includes:

1. Sound attenuated pump
2. Trailer mounting so pump can be moved from location to location
3. Appropriate hoses and fittings
4. Floats to control pump on and off settings

Xylem, a vendor focused mainly on sewer pumping systems, has provided the District a quote in the amount of \$67,334.03 for the needed equipment (with tax). This is rounded up to \$70,000 to cover miscellaneous expenses.

This expense was not included in the approved District FY 2020-2021 Budget and will require a budget amendment to move forward with the purchase. Given the District has the responsibility to minimize SSO's, it is recommended proceeding with this purchase and amend the FY 2020-2021 Budget by reallocating \$70,000 within the Sewer Fund.

The approved FY 2020-2021 Budget is in Year Two of a two-year budget. When the budget was prepared in early 2019, the line item for Riverside Treatment Costs included flow from Aramark Uniform Service. As the Board may recall Aramark sewage flows (approximately 0.2 MGD) was removed from the District's sewer collection system in November 2019 and diverted to the Inland Empire Brine Line. This action reduced the amount of sewage collected in the District with high Total Dissolved Solids (TDS), and helps the District come closer to being compliant with achieving the necessary 650 mg/l TDS limit. The reduction in flow directly lowers the amount of treatment charges Riverside will charge the District. It is estimated Riverside Treatment charges will be \$150,000 less than what was budgeted in FY 2020-2021 Sewer Operating Expenses. The excess budget could be redeployed, in part, to fund the \$70,000 expense to purchase the proposed sewer by-pass pump. This recommended amendment specifically would:

1. Reduce the Sewer Operating Fund Budget line item "Riverside City Treatment Costs" from \$2,000,000 to \$1,930,000.
2. Increase Sewer Operating Fund Budget "Asset Acquisitions" with a new line item for By-Pass Pump in the amount of \$70,000.

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

1. Amend the FY 2020-2021 Budget Item as follows:
 - a. Reduce the Sewer Operating Fund Budget line item "Riverside City Treatment Costs from \$2,000,000 to \$1,930,000.
 - b. Increase Sewer Operating Fund Budget "Asset Acquisitions" with a new line item for By-Pass Pump in the amount of \$70,000; and
2. Issue a Purchase Order to Xylem in the amount of \$70,000 to purchase the Dri-Pime By-Pass Sewer Pump, trailer kit and various hoses as outlined in Xylem Sale Quotation 117020575 dated December 10, 2020.

Roll call:

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

Noes – 0

Abstain – 0

Absent – 0

The motion was carried unanimously.

ITEM 15. Consider Award of Professional Services Agreement to Krieger and Stewart for Updating RCSD's 2015 Sanitary Sewer Management Plan. DM 2021-06

BACKGROUND:

The State Water Resources Control Board ("SWRCB") requires agencies to have a current Sanitary Sewer Management Plan ("SSMP") per Order No. 2006-0003-DWQ. Each Enrollee under SWRCB Order No. 2006-0003-DWQ("Order") is required to have a SSMP demonstrating through sanitary sewer system use ordinances, service agreements, or other legally binding procedures, it has the necessary legal authority to:

- A. Prevent illicit discharges into its sanitary system.
- B. Require sewers and connections be properly designed and constructed.
- C. Ensure access for maintenance, inspection, or repairs for portions of the lateral owned or maintained by the Public Agency.
- D. Limit the discharge of fats, oils, and grease and other debris causing blockages.
- E. Enforce any violation of its sewer ordinances.

Rubidoux Community Services District ("District") as an Enrollee under the Order prepared an SSMP, which was last updated in January 2015. Section D.14 of the Order states, in part, "The SSMP must be updated every five (5) years and must include any significant program changes." The District needs to comply with this and requested Krieger and Stewart Engineering Consultants to provide a proposal to update RCSD's 2015 SSMP. Krieger and Stewart prepared the 2015 SSMP and their proposal to do the update is not-to-exceed \$10,000.

This is a programmatic operational expense. In the District's Approved FY 2020-2021 Budget – Sewer Fund, \$50,000 was budgeted for Feasibility Studies related to the District's sewer enterprise. This funding is available for this necessary effort.

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

- 1. Utilize \$10,000 from the Approved FY 2020-2021 Budget – Sewer Fund, Feasibility Studies.
- 2. Issue a Professional Services Agreement to Krieger and Stewart Engineering Consultants in the amount of not-to-exceed \$10,000 for updating of the District's 2015 SSMP.

Roll call:

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

Noes – 0

Abstain – 0

Absent – 0

The motion was carried unanimously.

ITEM 16. Closed Session: Closed Session: RE PROPERTY NEGOTIATIONS – Discussion concerning price and terms. Negotiator: Jeffrey D. Sims.

ITEM 17. CLOSED EXECUTIVE SESSION: Pursuant to Government Code Section 54956.9: Baker Litigation Case No. RIC 2003649.

ITEM 18. CLOSED EXECUTIVE SESSION: Pursuant to Government Code Section 54956.9: Threatened Litigation. One Case.

ITEM 19. CLOSED EXECUTIVE SESSION: Pursuant to Government Code Section 54956.9: Anticipated Litigation. One Case.

The Board provided direction to the general manager to execute a legal services agreement with SL Environmental.

ITEM 20. Directors Comments

Director Murphy requested the assignments for the committees for the current year. President Skerbelis stated the assignments have been forwarded to the general manager. General Manager Jeff Sims confirmed he has the assignments and will be forwarding them to the Board. Director Murphy additionally inquired about the previous year's dealing with the union regarding, policies and procedures. Brian Laddusaw has been working with counsel. We have gone back through those, updated them to have all the references to statutes brought current. All of those have been updated and very soon we are going to be presenting that to the union representatives and start the process again.

Director Murphy: My understanding is this year we will be negotiating with them on the Memorandum of Understanding?

GM Sims: Yes, that's correct. The management team just met yesterday talking about some of the possibilities we may want to discuss in the MOU which are separate and distinct from the policies and procedures manual.

Director Murphy: I would look at getting those two negotiations tied together so that when you're meeting with them on one, you're meeting with them on the other.

GM Sims: Not a bad idea. Brian sent a memo to notify the union representative to get this started. March 12, 2021 is the date the union needs to provide any requests for the MOU. Brian Laddusaw been working diligently on the policies and procedures manual.

Brian Laddusaw: I think COVID affected that. The union representative changed over the summertime. The new representative is new to the district. The policies and procedures have been updated with the most current state law and statues. We will first be going to the Personnel Committee; from there we will go to the Union; and after all of that has been signed off, we will go to the full Board. This should all be happening within the next few weeks.

Director Skerbelis adjourned the meeting at 6:00 PM.

5. CONSIDERATION TO:

APPROVE FEBRUARY 5, 2021 SALARIES, EXPENSES AND TRANSFERS

RUBIDOUX COMMUNITY SERVICES DISTRICT
FEBRUARY 4, 2021 (BOARD MEETING)
FUND TRANSFER AUTHORIZATION

NET PAYROLL 2/5/21	61,000.00
WIRE TRANSFER: FEDERAL PAYROLL TAXES 2/8/21	26,300.00
WIRE TRANSFER: STATE PAYROLL TAXES 2/8/21	7,000.00
WIRE TRANSFER: TO CREDIT UNION	2,500.00
WIRE TRANSFER: PERS RETIREMENT	17,500.00
WIRE TRANSFER: PERS REPLACEMENT BENEFIT	-
WIRE TRANSFER: PERS HEALTH PREMIUMS	33,307.00
WIRE TRANSFER: PERS RETIRED HEALTH PREMIUMS AND FEES	1,665.00
WIRE TRANSFER: SECTION 125	50.00
WIRE TRANSFER: SECTION 457 AND 401(A)	2,800.00

SICK BUYBACK 2/5/21	24,514.00
WIRE TRANSFER: FEDERAL PAYROLL TAXES 2/8/21	1,875.00
WIRE TRANSFER: STATE PAYROLL TAXES 2/8/21	295.00

CHECKING ACCOUNT TRANSFERS FOR ACCOUNTS PAYABLE:

2/5/2021 WATER FUND TO GENERAL FUND-Payables	88,988.32
WATER FUND TO GENERAL FUND-Trash	153,428.72
WATER FUND TO SEWER FUND	124,426.52
 SEWER FUND TO GENERAL FUND-Payables	 254,049.27

INTERFUND TRANSFERS:

2/5/2021 SEWER FUND CHECKING TO LAIF SEWER OP	656.00
SEWER FUND CHECKING TO LAIF SEWER ML	19,344.00
SEWER FUND CHECKING TO GENERAL FUND CHECKING	-
SEWER FUND CHECKING TO WATER FUND CHECKING	-
LAIF SEWER OP TO SEWER FUND CHECKING	129,000.00
LAIF WASTEWATER REPLACEMENT TO LAIF SEWER OP	-
GENERAL FUND CHECKING TO LAIF SEWER ML	-
GENERAL FUND CHECKING TO LAIF PROP TAX	515.52
GENERAL FUND CHECKING TO LAIF FIRE MITIGATION	14,484.48
GENERAL FUND PROP TAX TO GENERAL FUND CHECKING	542,000.00
GENERAL FUND CHECKING TO SEWER FUND CHECKING	5,200.00
GENERAL FUND CHECKING TO WATER FUND CHECKING	-
LAIF GENERAL TO GENERAL FUND CHECKING	-
LAIF PROPERTY TAX TO GENERAL FUND CHECKING	110,000.00
WATER FUND CHECKING TO LAIF-COP PAYBACK	32,620.36
WATER FUND CHECKING TO LAIF-W.R.	4,232.29
WATER FUND CHECKING TO GENERAL FUND CHECKING	14,484.48
LAIF WATER ML TO LAIF WATER REPLACEMENT	-
LAIF WATER REPLACE TO LAIF WATER OP	3,808.85
WATER FUND CHECKING TO LAIF WATER RESERVE	-
WATER FUND CHECKING TO LAIF WATER OP	154,651.35
WATER FUND CHECKING TO LAIF WATER ML	18,496.00
WATER FUND CHECKING TO WATER FUND BOFA PAYMODE	-
WATER FUND CHECKING TO SEWER FUND CHECKING	14,144.00

NOTES PAYABLE

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

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GL Date		Immediate GL Account			Credit Card	CC Reference #		Total Invoice
1	AIRESPRING / AIRESPRING✓							145005628✓
PHONE CHGS		1/16/2021✓	N	N		2/9/2021✓	1/16/2021	\$0.00
2/4/2021✓								\$526.34✓
2	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN✓							CA10075-0267✓
WATER ANALYSES		1/4/2021✓	N	N		2/3/2021✓	1/4/2021	\$0.00
2/4/2021✓								\$420.00✓
3	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN✓							CA10449-0267✓
WTR ANALYSES		1/8/2021✓	N	N		2/7/2021✓	1/8/2021	\$0.00
2/4/2021✓								\$42.00✓
4	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN✓							CA10453-0267✓
WTR ANALYSES		1/8/2021✓	N	N		2/7/2021✓	1/8/2021	\$0.00
2/4/2021✓								\$420.00✓
5	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN✓							CA10801-0267✓
WTR ANALYSES		1/14/2021✓	N	N		2/13/2021✓	1/14/2021	\$0.00
2/4/2021✓								\$64.00✓
6	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN✓							CA10802-0267✓
WTR ANALYSES		1/14/2021✓	N	N		2/13/2021✓	1/14/2021	\$0.00
2/4/2021✓								\$148.00✓
7	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN✓							CA10803-0267✓
WTR ANALYSES		1/14/2021✓	N	N		2/13/2021✓	1/14/2021	\$0.00
2/4/2021✓								\$96.00✓
8	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN✓							CA10888-0267✓
WTR ANALYSES		1/15/2021✓	N	N		2/14/2021✓	1/15/2021	\$0.00
2/4/2021✓								\$48.00✓
9	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN✓							CA10893-0267✓
WTR ANALYSES		1/15/2021✓	N	N		2/14/2021✓	1/15/2021	\$0.00
2/4/2021✓								\$3,576.00✓
10	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN✓							CA10894-0267✓
WTR ANALYSES		1/15/2021✓	N	N		2/14/2021✓	1/15/2021	\$0.00
2/4/2021✓								\$420.00✓
11	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN✓							CA10896-0267✓
WTR ANALYSES		1/15/2021✓	N	N		2/14/2021✓	1/15/2021	\$0.00
2/4/2021✓								\$96.00✓
12	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN✓							CA10898-0267✓
WTR ANALYSES		1/15/2021✓	N	N		2/14/2021✓	1/15/2021	\$0.00
2/4/2021✓								\$232.00✓
13	CROWN ACE HARDWARE / CROWN ACE HARDWARE✓							082028✓
SUPPLIES		1/14/2021✓	N	N		2/13/2021✓	1/14/2021	\$0.00
2/4/2021✓								\$47.57✓
14	DH WATER / D&H WATER SYSTEMS✓							I 2021-0053✓
VALVE KITS		1/14/2021✓	N	N		2/13/2021✓	1/14/2021	\$0.00
2/4/2021✓								\$803.49✓
15	HARRINGTON INDUSTRIAL / HARRINGTON INDUSTRI✓							012K8966✓
PVC PARTS		1/14/2021✓	N	N		2/13/2021✓	1/14/2021	\$0.00
2/4/2021✓								\$50.49✓
16	INFOSEND / INFOSEND, INC✓							183962.A✓
DEC '20 PRNT BILLS		12/31/2020✓	N	N		1/30/2021✓	12/31/2020	\$0.00
2/4/2021✓								\$880.75✓
17	INFOSEND / INFOSEND, INC✓							183962.B✓
DEC '20 POSTAGE		12/31/2020✓	N	N		1/30/2021✓	12/31/2020	\$0.00
2/4/2021✓								\$2,525.91✓

\$3,406.66

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GL Date					Credit Card	CC Reference #		Total Invoice
18	INFOSEND / INFOSEND, INC ✓							184475 ✓
INSRTS - BURTC CLNDR	1/14/2021 ✓	N	N			1/13/2021 ✓	1/14/2021	\$0.00
2/4/2021 ✓				N				\$58.74 ✓
19	LOCKWOOD, KENNETH / LOCKWOOD, KENNETH ✓							20210120 ✓
CDL PHYSCL	1/20/2021 ✓	N	N			2/19/2021 ✓	1/20/2021	\$0.00
2/4/2021 ✓				N				\$115.00 ✓
20	MERIT OIL / MERIT OIL COMPANY ✓							624144 ✓
GASOLINE	1/13/2021 ✓	N	N			1/28/2021 ✓	1/13/2021	\$0.00
2/4/2021 ✓				N				\$1,261.60 ✓
21	TOM BELL / TOM BELL'S REDLANDS CDJR ✓							PO 9254 -31038 ✓
2021 JEEP WRNGLR	1/15/2021 ✓	N	N			2/14/2021 ✓	1/15/2021	\$0.00
2/4/2021 ✓				N				\$19,608.00 ✓
22	RIVCOMM / RIVCOMM, INC ✓							21369 ✓
R&M TRK	1/13/2021 ✓	N	N			2/12/2021 ✓	1/13/2021	\$0.00
2/4/2021 ✓				N				\$135.44 ✓
23	RIVERSIDE COUNTY CDF / RIVERSIDE COUNTY CDF ✓							233763 ✓
Q1 20_21 FIRE SVC	12/15/2020 ✓	N	N			1/14/2021 ✓	12/15/2020	\$0.00
2/4/2021 ✓				N				\$478,473.14 ✓
24	SOCAL TRUCK / SOCAL TRUCKWORKS ✓							10229 ✓
R&M TRK	1/15/2021 ✓	N	N			2/14/2021 ✓	1/15/2021	\$0.00
2/4/2021 ✓				N				\$65.58 ✓
25	UPS / UNITED PARCEL SERVICE ✓							0000F908W2031 ✓
POSTAGE	1/16/2021 ✓	N	N			2/15/2021 ✓	1/16/2021	\$0.00
2/4/2021 ✓				N				\$55.95 ✓
26	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓							CA10837-0267 ✓
WTR ANALYSES	1/14/2021 ✓	N	N			2/13/2021 ✓	1/14/2021	\$0.00
2/4/2021 ✓				N				\$420.00 ✓
27	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓							CA10838-0267 ✓
WTR ANALYSES	1/14/2021 ✓	N	N			2/13/2021 ✓	1/14/2021	\$0.00
2/4/2021 ✓				N				\$168.00 ✓
28	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓							CA10842-0267 ✓
WTR ANALYSES	1/14/2021 ✓	N	N			2/13/2021 ✓	1/14/2021	\$0.00
2/4/2021 ✓				N				\$84.00 ✓
29	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓							CA10998-0267 ✓
WTR ANALYSES	1/19/2021 ✓	N	N			2/18/2021 ✓	1/19/2021	\$0.00
2/4/2021 ✓				N				\$168.00 ✓
30	BENS / BEN'S LOCK & SAFE ✓							1017 ✓
RE-KEY LOCKERS	1/21/2021 ✓	N	N			2/20/2021 ✓	1/21/2021	\$0.00
2/4/2021 ✓				N				\$315.21 ✓
31	BPS B'S POOL SUPPLIES / B.P.S. B's POOL SUPPLIES ✓							106490 ✓
SODIUM HYPO	1/19/2021 ✓	N	N			2/18/2021 ✓	1/19/2021	\$0.00
2/4/2021 ✓				N				\$1,027.72 ✓
32	CHASE CARD SERVICES / CHASE CARD SERVICES ✓							21F77049795.A ✓
E-FILE	1/17/2021 ✓	N	N			2/11/2021 ✓	1/17/2021	\$0.00
2/4/2021 ✓				N				\$138.24 ✓
33	CHASE CARD SERVICES / CHASE CARD SERVICES ✓							21F77049795.B ✓
TEMP QTRS	1/17/2021 ✓	N	N			2/11/2021 ✓	1/17/2021	\$0.00
2/4/2021 ✓				N				\$250.00 ✓
34	CHASE CARD SERVICES / CHASE CARD SERVICES ✓							21F77049795.C ✓
SUBSCRIPTION	1/17/2021 ✓	N	N			2/11/2021 ✓	1/17/2021	\$0.00
2/4/2021 ✓				N				\$14.99 ✓

\$438.23

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GL Date		Immediate GL Account		Credit Card	CC Reference #	Payment Date		Total Invoice
35	CHASE CARD SERVICES / CHASE CARD SERVICES ✓							21F77049795.D ✓
HR WEBINAR		1/17/2021 ✓	N	N		2/11/2021 ✓	1/17/2021	\$0.00
2/4/2021 ✓				N				\$35.00 ✓
36	CROWN ACE HARDWARE / CROWN ACE HARDWARE ✓							082043 ✓
SUPPLIES		1/19/2021 ✓	N	N		2/18/2021 ✓	1/19/2021	\$0.00
2/4/2021 ✓				N				\$18.31 ✓
37	DURNEY DON / DURNEY, DON ✓							20210127 ✓
GRDNG/WEED ABATE		1/27/2021 ✓	N	N		2/26/2021 ✓	1/27/2021	\$0.00
2/4/2021 ✓				N				\$932.50 ✓
38	GRAINGER / GRAINGER ✓							9770812619 ✓
SUPPLIES		1/12/2021 ✓	N	N		2/11/2021 ✓	1/12/2021	\$0.00
2/4/2021 ✓				N				\$20.81 ✓
39	GRAINGER / GRAINGER ✓							9770812627 ✓
BULLETIN BOARD		1/12/2021 ✓	N	N		2/11/2021 ✓	1/12/2021	\$0.00
2/4/2021 ✓				N				\$126.45 ✓
40	IPP TRIAL / IPP TRIAL CONSULTING, LLC ✓							12262 ✓
CITY RVSD LITGN		12/4/2020 ✓	N	N		1/3/2021 ✓	12/4/2020	\$0.00
2/4/2021 ✓				N				\$4,331.25 ✓
41	JADTEC SECURITY / JADTEC SECURITY SVCS, INC ✓							2207130 ✓
MONITORING		2/1/2021 ✓	N	N		2/11/2021 ✓	2/1/2021	\$0.00
2/4/2021 ✓				N				\$53.85 ✓
42	MCMaster-CARR / McMASTER-CARR SUPPLY CO ✓							51542938 ✓
SUPPLIES		1/14/2021 ✓	N	N		2/13/2021 ✓	1/14/2021	\$0.00
2/4/2021 ✓				N				\$93.52 ✓
43	MERIT OIL / MERIT OIL COMPANY ✓							625391 ✓
GASOLINE		1/20/2021 ✓	N	N		2/4/2021 ✓	1/20/2021	\$0.00
2/4/2021 ✓				N				\$1,003.29 ✓
44	MERIT OIL / MERIT OIL COMPANY ✓							625915 ✓
DIESEL FUEL		1/21/2021 ✓	N	N		2/4/2021 ✓	1/21/2021	\$0.00
2/4/2021 ✓				N				\$246.45 ✓
45	R&D MECHANICAL / R&D MECHANICAL SUPPLY, INC ✓							11004377 ✓
HYDRANT		1/7/2021 ✓	N	N		2/6/2021 ✓	1/7/2021	\$0.00
2/4/2021 ✓				N				\$3,208.13 ✓
46	R&D MECHANICAL / R&D MECHANICAL SUPPLY, INC ✓							11004393 ✓
METER ADAPTERS		1/12/2021 ✓	N	N		2/11/2021 ✓	1/12/2021	\$0.00
2/4/2021 ✓				N				\$1,065.75 ✓
47	R&D MECHANICAL / R&D MECHANICAL SUPPLY, INC ✓							11004394 ✓
SAMPLE STN		1/14/2021 ✓	N	N		2/13/2021 ✓	1/14/2021	\$0.00
2/4/2021 ✓				N				\$1,092.93 ✓
48	R&D MECHANICAL / R&D MECHANICAL SUPPLY, INC ✓							11004395 ✓
PARTS		1/14/2021 ✓	N	N		2/13/2021 ✓	1/14/2021	\$0.00
2/4/2021 ✓				N				\$822.15 ✓
49	R&D MECHANICAL / R&D MECHANICAL SUPPLY, INC ✓							11004396 ✓
PARTS		1/14/2021 ✓	N	N		2/13/2021 ✓	1/14/2021	\$0.00
2/4/2021 ✓				N				\$591.60 ✓
50	R&D MECHANICAL / R&D MECHANICAL SUPPLY, INC ✓							11004397 ✓
PAINT		1/14/2021 ✓	N	N		2/13/2021 ✓	1/14/2021	\$0.00
2/4/2021 ✓				N				\$61.99 ✓
51	R&D MECHANICAL / R&D MECHANICAL SUPPLY, INC ✓							11004405 ✓
HYDRNT		1/14/2021 ✓	N	N		2/13/2021 ✓	1/14/2021	\$0.00
2/4/2021 ✓				N				\$2,600.21 ✓

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PO Number		Inv Date	Immediate GL Account		Check #		Payment Date	Discount
GL Date					Credit Card	CC Reference #		Total Invoice
52	RELIABLE / RELIABLE WORKPLACE SOLUTIONS							AR98078
COPIER USG		1/25/2021	N	N		2/24/2021	1/25/2021	\$0.00
2/4/2021					N			\$317.69
53	RELIABLE / RELIABLE WORKPLACE SOLUTIONS							AR98079
PRINTER USG		1/25/2021	N	N		2/24/2021	1/25/2021	\$0.00
2/4/2021					N			\$17.94
54	RELIABLE / RELIABLE WORKPLACE SOLUTIONS							AR98080
COPIER USG		1/25/2021	N	N		2/24/2021	1/25/2021	\$0.00
2/4/2021					N			\$1.24
55	RING BENDER / RING BENDER LLP							10362
CITY RVSD LITGN		1/21/2021	N	N		2/20/2021	1/21/2021	\$0.00
2/4/2021					N			\$6,012.69
56	RIVCOMM / RIVCOMM, INC.							21384
R&M JEEP		1/19/2021	N	N		2/18/2021	1/19/2021	\$0.00
2/4/2021					N			\$265.44
57	SCE / SCE							21F2271820763
WTR PMP ENRGY		1/23/2021	N	N		2/11/2021	1/23/2021	\$0.00
2/4/2021					N			\$177.92
58	SCE / SCE							21F2352968572
WTR PMP ENRGY		1/23/2021	N	N		2/11/2021	1/23/2021	\$0.00
2/4/2021					N			\$464.95
59	SCE / SCE							21F2323283572
SWR PMP ENRGY		1/26/2021	N	N		2/16/2021	1/26/2021	\$0.00
2/4/2021					N			\$330.61
60	SCE / SCE							21F2317748135
SWR PMP ENRGY		1/26/2021	N	N		2/16/2021	1/26/2021	\$0.00
2/4/2021					N			\$2,263.37
61	SCE / SCE							21F2024179475.A
FLD OFC UTLTY		1/26/2021	N	N		2/16/2021	1/26/2021	\$0.00
2/4/2021					N			\$81.91
62	SCE / SCE							212024179475.B
WTR PMP ENRGY		1/26/2021	N	N		2/16/2021	1/26/2021	\$0.00
2/4/2021					N			\$29,277.88
63	SOCAL TRUCK / SOCAL TRUCKWORKS							10249
R&M TRK		1/22/2021	N	N		2/21/2021	1/22/2021	\$0.00
2/4/2021					N			\$75.92
64	UPS / UNITED PARCEL SERVICE							0000F908W2041
POSTAGE		1/23/2021	N	N		2/22/2021	1/23/2021	\$0.00
2/4/2021					N			\$19.44
65	VULCAN MATERIALS / CALMAT Dba VULCAN MATERIALS							72822132
COLD MIX		1/13/2021	N	N		2/12/2021	1/13/2021	\$0.00
2/4/2021					N			\$1,941.69
66	ALMGREN / HOWARD ALMGREN							18
CITY RVSD LITGN		1/14/2021	N	N		2/13/2021	1/14/2021	\$0.00
2/4/2021					N			\$22,079.34
67	CROWN ACE HARDWARE / CROWN ACE HARDWARE							082091
BATTERIES		1/27/2021	N	N		2/26/2021	1/27/2021	\$0.00
2/4/2021					N			\$20.46
68	ESRI / ESRI							93971872
ARC GIS LIC		1/19/2021	N	N		2/18/2021	1/19/2021	\$0.00
2/4/2021					N			\$3,000.00

\$29,359.79

AP Enter Bills Edit Report

Rubidoux Community Services District (RCSACT)
Batch: AAAALX

1/28/2021 1:33:24 PM

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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
69	FIRST CHOICE PLUMBING / FIRST CHOICE PLUMBING							164876 ✓
R&M OFC		1/12/2021 ✓	N	N		2/11/2021 ✓	1/12/2021	\$0.00
2/4/2021 ✓					N			\$199.00 ✓
70	HARPER BURNS LLP / HARPER & BURNS LLP							20210201 ✓
JAN '21 LGL SVCS		2/1/2021 ✓	N	N		3/2/2021 ✓	2/1/2021	\$0.00
2/4/2021 ✓								\$2,718.75 ✓
71	KRIEGER & STEWART / KRIEGER & STEWART, INC.							44944 ✓
WTR CNSLT		10/28/2020 ✓	N	N		11/27/2021 ✓	10/28/2020	\$0.00
2/4/2021 ✓								\$3,153.75 ✓
72	KRIEGER & STEWART / KRIEGER & STEWART, INC.							45208 ✓
WTR CNSLT/WELL 18		1/18/2021 ✓	N	N		2/17/2021 ✓	1/18/2021	\$0.00
2/4/2021 ✓								\$7,617.70 ✓
73	KRIEGER & STEWART / KRIEGER & STEWART, INC.							45209 ✓
AGUA MNSA COMM SWR		1/18/2021 ✓	N	N		2/17/2021 ✓	1/18/2021	\$0.00
2/4/2021 ✓								\$2,930.00 ✓
74	LILLESTRAND / LILLESTRAND LEADERSHIP CONSULTING SVCS							7389
CNSLTNG SVCS		1/15/2021	N	N		2/14/2021	1/15/2021	\$0.00
2/4/2021 ✓					N			\$2,715.00
75	PAYPRO CHECK / PAYPRO ADMINISTRATORS							76971 ✓
MAINT FEE		1/27/2021 ✓	N	N		2/26/2021 ✓	1/27/2021	\$0.00
2/4/2021 ✓								\$480.00 ✓
76	RICHARDS, WATSON, GERSHON / RICHARDS, WATSON							230170 ✓
CITY RVSD LTGN		1/19/2021 ✓	N	N		2/18/2021 ✓	1/19/2021	\$0.00
2/4/2021 ✓					N			\$142.00 ✓
77	RIVERSIDE CITY / RIVERSIDE CITY							00258317.A ✓
SEPT '20 FLOW		1/13/2021 ✓	N	N		2/13/2021 ✓	1/13/2021	\$0.00
2/4/2021 ✓					N			\$110,993.48 ✓
78	RIVERSIDE CITY / RIVERSIDE CITY							00258317.B ✓
JULY '20 FLOW CR		1/13/2021 ✓	N	N		2/13/2021 ✓	1/13/2021	\$0.00
2/4/2021 ✓					N			(\$12,774.67) ✓
79	RIVERSIDE CITY / RIVERSIDE CITY							00258317.C ✓
AUG '20 FLOW CR		1/13/2021 ✓	N	N		2/13/2021 ✓	1/13/2021	\$0.00
2/4/2021 ✓					N			(\$12,900.59) ✓
80	RIVERSIDE CITY / RIVERSIDE CITY							00258317.D ✓
SEPT '20 TRTMT		1/13/2021 ✓	N	N		2/13/2021 ✓	1/13/2021	\$0.00
2/4/2021 ✓					N			\$5,074.06 ✓
81	RIVERSIDE CITY / RIVERSIDE CITY							00258313.A ✓
OCT '20 TRTMT		1/13/2021 ✓	N	N		2/13/2021 ✓	1/13/2021	\$0.00
2/4/2021 ✓					N			\$114,259.25 ✓
82	RIVERSIDE CITY / RIVERSIDE CITY							00258313.B ✓
OCT '20 SRCHG		1/13/2021 ✓	N	N		2/13/2021 ✓	1/13/2021	\$0.00
2/4/2021 ✓					N			\$11,477.98 ✓
83	RUBIDOUX COMM / RUBIDOUX COMMERCIAL DEVELOPMENT							15110160-01 ✓
HYDRNT RFND		1/21/2021 ✓	N	N		2/20/2021 ✓	1/21/2021	\$0.00
2/4/2021 ✓					N			\$2,347.00 ✓
84	SCE / SCE							21F2036525988 ✓
SWR PMP ENRGY		1/22/2021 ✓	N	N		2/10/2021 ✓	1/22/2021	\$0.00
2/4/2021 ✓					N			\$956.12 ✓
85	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC							0113_012721.A ✓
COMM TRSH 1/13-1/27		1/28/2021 ✓	N	N		2/27/2021 ✓	1/28/2021	\$0.00
2/4/2021 ✓					N			\$39,713.29 ✓

\$90,392.23

\$125,737.23

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Tr. #	Vendor	Inv Date	Paid Out	Immediate	Credit Card Vendor	Check #	Due Date	Discount Date	Invoice #
PO Number									Discount
GL Date	Immediate GL Account				Credit Card	CC Reference #	Payment Date		Total Invoice
86	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC ✓								0113_012721.B ✓
RES TRSH 1/13-1/27	1/28/2021 ✓	N	N				2/27/2021 ✓	1/28/2021	\$0.00
2/4/2021 ✓				N					\$113,715.43 ✓
87	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC ✓								0113_012721.C ✓
RCSD SHR COMM	1/28/2021 ✓	N	N				2/27/2021 ✓	1/28/2021	\$0.00
2/4/2021 ✓				N					(\$3,971.33) ✓
88	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC ✓								0113_012721.D ✓
RCSD SHR RES	1/28/2021 ✓	N	N				2/27/2021 ✓	1/28/2021	\$0.00
2/4/2021 ✓				N					(\$949.18) ✓
89	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC ✓								0113_012721.E ✓
BILLING FEE	1/28/2021 ✓	N	N				2/27/2021 ✓	1/28/2021	\$0.00
2/4/2021 ✓				N					(\$3,000.00) ✓
Grand Totals									

Total Direct Expense: \$1,035,901.65
Total Direct Expense Adj: (\$55,595.77) ①
Total Non-Electronic Transactions: \$980,305.88 ②

Report Summary

Report Selection Criteria
Report Type: Condensed
Transaction Number: Start

End
End

① \$55,595.77

7,920.51 Tri-Co
22,000.00 Jeep
25,675.26 Riv.
\$55,595.77
0.00

② \$920,305.88

920,560.38 Xfer Sch
255.00
PR 1/22/21 255.00 Union
0.00

Yeggs
2/2/21

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

7. CORRESPONDENCE AND RELATED INFORMATION

January 22, 2021

Chair Spiegel and Board of Supervisors
Riverside County
4080 Lemon St, 5th Floor
Riverside, CA 92501

RE: Inclusion of past-due water customers in Riverside County's COVID-19 renter relief distribution

Dear Chair Spiegel and Riverside County Board of Supervisors,

On behalf of nearly two million customers throughout western Riverside County, the undersigned water and wastewater service providers respectfully request that the Riverside County Board of Supervisors approve the use of federal COVID-19 relief package funds that the County will receive for residents who are unable to pay their water bills because of the pandemic.

As you are aware, water services are essential to the public health and safety of Riverside County residents and the region's economy. Our coalition of water service providers within Riverside County has a critical role in the daily lives of your constituents and communities.

The COVID-19 pandemic continues to profoundly impact so many aspects of our communities, including our residential and business customers. On April 2, 2020, Governor Newsom issued Executive Order N-42-20 (EO), which prohibited water agencies from shutting-off the services of customers who become delinquent on their water bills due to COVID-19. Many of the undersigned providers implemented their own suspension of shutoffs prior to the Governor's EO. While the water industry supports the intent behind the Governor's moratorium on service shutoffs and understand the reliance customers have on their water service — especially during a pandemic — we are significantly concerned about the growing number of customers that are not paying their monthly water bills.

Since March of 2020, many of our customers have been increasingly unable to pay their water bills. To put the pandemic's impact in perspective, the combined total number of customers currently over 61 days past-due as of December 2020 within the undersigned agencies is 37,777, representing **nearly 114,000 residents**. In less than one year, we have seen a **167 percent increase** in past-due balances, which has resulted in customers being more than **\$17.8 million** in arrears, or roughly **\$500 per household**.

In support of our customers, water agencies have been advocating that the federal government include COVID-19 assistance specifically for our low-income and financially stressed customers to help them cover their water service bills. While we know the federal government has heard our request and has plans for including utility assistance in the next round of COVID-19 relief, we request your support to ensure low-income and financially stressed residential water service customers can access the federal renters' relief funding. Municipalities who will receive the renters' relief portion of the next COVID-19 relief package can use it towards rental assistance **and water utilities**.

Unlike rental property owners and investor-owned utility companies (Southern California Edison and SoCalGas), the undersigned water service providers are legally prohibited by voter-approved Proposition 218 (Prop 218) from subsidizing the water bills of low-income customers with revenue received from other paying customers or forgiveness of past-due balances. This State law, originally designed to enhance equity, means water customers will be obligated to

January 22, 2021

RE: Inclusion of past-due water customers in Riverside County's COVID-19 renter relief distribution

pay their past-due balance, which places long-term hardships on our low-income and financially stressed customers already struggling to pay their bills.

While we understand many details about this funding are still unfolding, our regional coalition of water agencies request the County of Riverside include water utility payment assistance in the funding allocations. Additionally, we request that you direct any community organizations that will distribute the funding on the County's behalf also work with water providers directly. We believe the Prop 218 challenge creates a unique circumstance unlike other utility service providers and are confident that by working together, residents of Riverside County will benefit greatly by being able to access relief funds to pay mounting water bill obligations.

If you or your staff need any further information or would like to discuss our request further, please do not hesitate to reach out to Craig D. Miller, General Manager of Western Municipal District, at cmiller@wmwd.com or 951.571.7242.

Very Respectfully,



Craig Miller
General Manager
**Western Municipal
Water District**



Rick Aragon
Interim Co-General Manager
**Rancho California
Water District**



Chris Berch
General Manager
**Jurupa Community
Services District**



Greg Thomas
General Manager
**Elsinore Valley Municipal
Water District**



Paul Jones, II
General Manager
**Eastern Municipal
Water District**



Jeff Sims
General Manager
**Rubidoux Community
Services District**



Todd Corbin
General Manager
Riverside Public Utilities



Tom Moody
General Manager
**Corona Department of
Water and Power**



Andy Okoro
City Manager
City of Norco



Jeff Pape
General Manager
**Temescal Valley
Water District**



Home Gardens
County Water District
3832 N. Grant St., Corona, Calif. 92879
(951) 737-4741

David Vigil
General Manager
**Home Gardens County
Water District**

DON'T MISS BC Laboratories Fined for Delayed Reporting of Drinking Water Test Results

Home > Industry > Water-Debt Crisis Balloons to \$1 Billion Survey Shows

Water-Debt Crisis Balloons to \$1 Billion Survey Shows

By California Water News Daily on January 21, 2021

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California water systems large and small are facing unprecedented financial challenges brought on by the coronavirus pandemic according to a survey conducted by the State Water Resources Control Board (SWRCB).

The SWRCB surveyed more than 500 small- to medium-sized water systems and 150 large systems, which provide service to about 28 million Californians. The data, released this week, painted a chilling picture. About 1.6 million residential water customers, or 12% of all households have been unable to pay their bills, many of those households owing \$500 or more through October 2020.

While the pandemic did not create the water-debt crisis, the debt has ballooned since Governor Gavin Newsom ordered a moratorium on water shutoffs for unpaid bills last April. Total household debt statewide is currently at \$1 billion and the SWRCB estimates \$600 million of that debt is specifically for drinking water.

"For nearly a year, the COVID-19 pandemic has made it difficult for many people to pay their bills due to job loss and other hardships. The findings in our survey give us the first clear picture of the impacts on Californians and our community water systems," said E. Joaquin Esquivel, chair of the State Water Board.

California residents aren't the only ones who are struggling. Many smaller water systems that were struggling financially before the pandemic are now facing even tougher challenges by prolonged revenue losses. According to the SWRCB, 25 small and medium-sized water systems could go under within 180 days without government financial intervention.



LATEST CALIFORNIA DROUGHT NEWS

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COMMENTS



DWR Completes First Snow Survey Of The Season

The Department of Water Resources (DWR) conducted the first...

December 31, 2020 0



State Water Project Allocations Off To A Dry Start

Yesterday the California Department of Water Resources (DWR) announced...

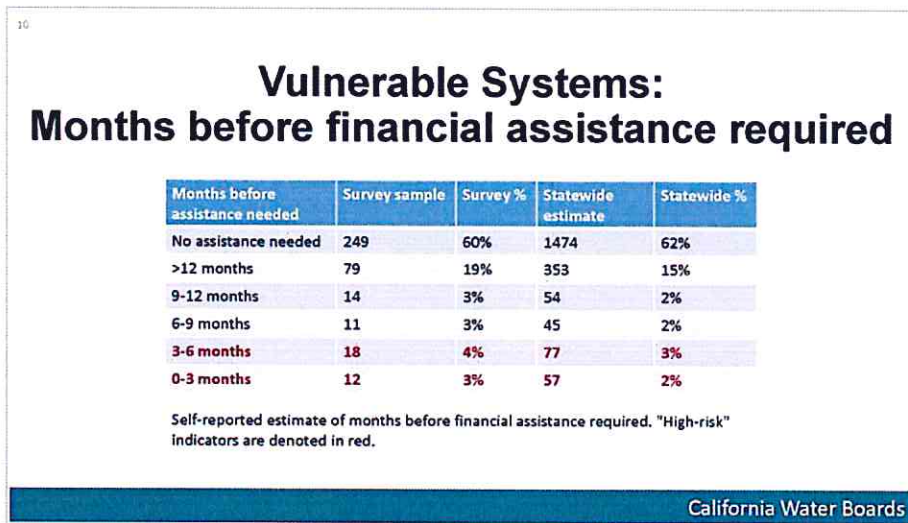
December 2, 2020 0



California Partners With NASA's JPL To Enlist Earth-Observing Satellite Data In Climate Change Efforts

Last week the California Natural Resources Agency, California Environmental...

November 29, 2020 0



Jan 19, 2021 COVID Drinking Water Survey Board Presentation

"We are going to do everything in our power to get emergency assistance to any water systems that think they are in danger of not being able to maintain service. We are also encouraging water systems that were not part of the survey to contact us right away if they are facing financial challenges related to COVID," said Darrin Polhemus, deputy director of the State Water Board's Division of Drinking Water.

The SWRCB will use survey responses to inform policymakers of options for financial assistance and emergency response for water systems and households experiencing economic hardship. Full results of the survey are available online.

featured industry

RELATED POSTS



Newsom Appoints Three New Members To California Water Commission



Western Receives Top Recognition For Water Efficiency Programs



Reclamation Awards \$536,509 For Trinity River Watershed Improvement Projects



New Study Shows Increased Costs For Pacheco Reservoir Expansion

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FRESNOLAND

Californians owe \$1 billion in water bills, facing massive shutoffs. Is relief on the way?

BY MONICA VAUGHAN

JANUARY 19, 2021 03:42 PM, UPDATED JANUARY 20, 2021 11:36 AM



The Fresno Bee



Residents in the San Joaquin Valley, California, are struggling with contaminated tap water with toxins like nitrate. Many of those affected are immigrant, low-income families. This special report was produced by Univision 21 and Fresnoland. BY NATHALIE VERA/UNIVISION 21 FRESNO | MVAUGHAN@FRESNOBEE.COM



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05:23

Powered by Trinity Audio

In a time of record-breaking unemployment as a result of the COVID-19 pandemic, Californians owe an estimated \$1 billion in unpaid water utility bills. With reduced

revenue, hundreds of water utilities are at high risk of financial emergency.

The State Water Board estimates at least 1.6 million households have an average of roughly \$500 in water debt — a crisis that could lead to a wave of families facing water shutoffs, liens on their homes or other collection methods. That's according to the results of a statewide survey of residents and water systems released Tuesday morning.

"This is a crisis," said State Water Board member Laurel Firestone. "The inability to pay for water bills, the kind of debt we're seeing in households, has real impacts."

TOP ARTICLES



SKIP AD

Data show Black and Latino households are disproportionately affected. All households that owe more than \$1,000 are in the L.A. area, but families across the state have unpaid bills for water and wastewater services.

"People that were already hurting, low income and Black and Brown communities are those who have been impacted more overall, and by water debt," said Max Gomberg, a manager with the State Water Board.

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CLAIM OFFER

An advertisement for Navy Federal Credit Union's auto loans. It features a blue background with a white car. The text reads: "AUTO LOANS MADE EASY. Fast decisions. Low rates." Below the car is a red "LEARN MORE" button. At the bottom, it says "Insured by NCUA" and "NAVY FEDERAL Credit Union".

"This is a racial justice issue. Water is basic PPE," said Jonathan Nelson with Community Water Center, a Visalia-based advocacy group. "If we do not act soon, 1.6 million households may soon experience a drinking water crisis in their homes."

WATER DEBT COULD LEAD TO WATER SHUTOFFS

While Gov. Gavin Newsom issued an executive order in April that stopped water shutoffs during the public health emergency, water advocates like Leadership

Counsel for Justice and Accountability warn that lawmakers must act swiftly to prevent shutoffs once the emergency order is lifted.

Michael Claiborne, an attorney with Leadership Counsel, said the threat is simple: “the moratorium will be lifted, and shutoffs will resume. And a lot of these families that have high debt now are going to lose access to water.”

Families are forced to forgo food or medical services to pay the water bill, Firestone said. Residents could lose their homes. And they’re at risk of the threat to health and human dignity, if the water is shut off, and potentially losing custody of their children.

Fresnoland in your inbox

Sign up for our weekly newsletter with important stories in the Central San Joaquin Valley.

SIGN UP

This site is protected by reCAPTCHA and the Google [Privacy Policy](#) and [Terms of Service](#) apply.

Running water is a basic tool for preventing the spread of COVID-19. It’s also considered a human right in the state of California. But in some places, it’s really expensive.

Residents in parts of the state, including parts of the San Joaquin Valley were already cost-burdened by disproportionately high water bills even before the pandemic - with more than 50% paying more than 2% of their household income just for water by some estimates.

High water bills show up even when the water is undrinkable due to contamination.

Residents in Cantua Creek, for example, pay more than \$100 a month in the summertime for water that they can’t drink.

California currently offers no financial assistance to help residents cover their water bills. Assistance is available to help cover electric and gas bills.

SMALL WATER SYSTEMS MAY DELAY PROJECTS FOR CLEAN DRINKING WATER

Water systems also face dire consequences, data show, particularly those that serve a small base of customers.

With reduced revenue from customer payments, water systems without reserves may struggle to cover the costs to provide basic services and will likely resort to delaying infrastructure improvement projects for safe, clean drinking water.

An estimated 20% of water systems have less than 60 days of cash on hand, an indication they’re at high risk of financial collapse. Among the financial impacts to water systems is potentially downgraded credit ratings, which in turn could increase the cost of loans for large capital improvement projects.

The survey showed what some already knew: that small water systems were struggling financially even before the pandemic.

Many of those same systems fail to provide their customers with clean water, as they are overburdened with contaminated groundwater and aging infrastructure. Without reserves or cash on hand, water systems can't replace a broken well, for example.

The pandemic exacerbates and underscores the problem.

LEGISLATION INTRODUCED TO ASSIST THOSE WITH WATER DEBT

State Sen. Bill Dodd, D-Napa, recently introduced two pieces of legislation to address these issue.

- SB 222 would establish a Water Affordability Assistance Fund and affordability assistance program to provide financial assistance for drinking and wastewater services to low-income ratepayers facing economic hardships.
- SB 223 would strengthen and extend existing programs that protect low-income households facing or losing water service due to non payment. The bill would expand a program created under SB 998 to include small water systems.

"The affordability crisis has become even more intense," Dodd told The Fresno Bee. "I saw it firsthand when I was in the Assembly representing Lake County. It was just atrocious how much water bills were, and people are living on social security, the bare minimum."

The bigger picture, he said, is that this occurs across the state, particularly in the Central Valley.

Funds for these bills could come from a combination of state, federal and possibly philanthropic sources, Dodd said. Congress in December passed an appropriations bill that included a \$900-billion package for pandemic relief.

It included \$683 million nationwide for utility bill assistance and California's share will be about \$62 million, according to Dodd's staff. To access the federal aid, state legislators have to appropriate those funds.

Additional federal assistance could be on the way, as President-Elect Joe Biden has said he would push for another package to include funding for utility relief.

Dodd said he expects to see a bipartisan push to establish the Water Affordability Assistance Fund.

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

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

9. CONSIDER APPROVAL OF PURCHASE ORDER WITH CENTER ELECTRIC
FOR SCADA SYSTEM UPGRADES:

DM 2021-07

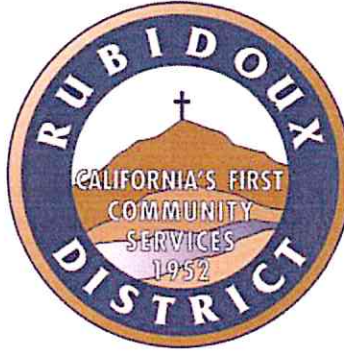
Rubidoux Community Services District

Board of Directors

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

General Manager

Jeffrey D. Sims



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

DIRECTORS MEMORANDUM 2021-07

February 4, 2021

To: Rubidoux Community Services District
 Board of Directors

Subject: Upgraded SCADA Devices for All Reservoirs and Three Lift Stations

BACKGROUND:

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

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

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

Now available are cellular data connected devices that report data to a cloud server. This data is accessible to staff anywhere there is an internet connection, a feature not available when the current SCADA system was

installed. This system is a web based “Internet of Things” (IoT) from Samsara and is easy to deploy and can be set up quickly to meet immediate needs. This system is proposed to be utilized at the new Ion Exchange Treatment System being installed at the Leland Thompson WTF starting construction in the next few weeks. The devices in this system use their own cell service which is included in the purchase price and connect to cloud-based web servers to relay data back to District staff allowing the system to be monitored and staff to make quick, data based informed decisions. Thus, the first prong of approach is to add the Samsara devices at four water tanks and three lift stations.

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

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

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

At the January 21, 2021 Board Meeting staff requested and the Board approved \$200,000 for Electrical Work, including SCADA, as part of the new Ion Exchange Project at the Leland Thompson WTF under DM2021-04. The proposal from Center Electric to do this work has been fine tuned to be only \$135,000, leaving \$65,000 remaining. It is proposed to re-direct some of this \$65,000 from the Ion Exchange Project to providing new Samsara SCADA devices at all District reservoirs for \$36,000.

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

this already approved sewer funding from the purchase of a sewer bypass pump to providing new Samsara SCADA devices at the balance of our sewer lift stations for \$27,000.

RECOMMENDATION

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

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

Respectfully,



JEFFREY D. SIMS, P.E.
General Manager

10. CLOSED SESSION: **REAL PROPERTY NEGOTIATIONS** – DISCUSSION
CONCERNING PRICE AND TERMS.

NEGOTIATOR: JEFFREY D. SIMS

11. DIRECTORS COMMENTS - NON-ACTION

12. ADJOURNMENT