

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, January 21, 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 December 17, 2020, Regular Meeting
5. Consideration to:
 - A) Ratify the January 7, 2021, Salaries, Expenses and Transfers
 - B) Approve January 21, 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. Receive and File Statement of Cash Asset Schedule Report Ending December 2020: **DM 2021-01**
10. Award of Professional Services Contract to Webb Associates for Master Plans, UWMP, Operational Strategy and AWIA Compliance Documents: **DM 2021-02**
11. Consider Purchase of Two Regular Cab Pickup Trucks: **DM 2021-03**
13. Award of a Contract for PFAS Treatment at MN Plant # 2: **DM 2021-04**
14. Consider Purchase of a Sewer By-Pass Pump: **DM 2021-05**
15. Consider Award of Professional Services Agreement to Krieger and Stewart for Updating RCSD's 2015 Sanitary Sewer Management Plan: **DM 2021-06**
16. Closed Session: **REAL PROPERTY NEGOTIATIONS** – Discussion concerning price and terms. Negotiator: Jeffrey D. Sims.

17. **CLOSED EXECUTIVE SESSION** – Pursuant to Government Code Section 54956.9: Baker Litigation Case No. RIC2003649.
18. **CLOSED EXECUTIVE SESSION** – Pursuant to Government Code Section 54956.9: Threatened Litigation. One Case.
19. Directors Comments - Non-action
20. Adjournment

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

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

4. APPROVAL OF:
MINUTES FOR DECEMBER 17, 2020, REGULAR MEETING

MINUTES OF REGULAR MEETING
December 17, 2020
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
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, December 17, 2020, by teleconferencing at District Office, 3590 Rubidoux Boulevard, Jurupa Valley, California.

ITEM 4. APPROVAL OF MINUTES

- A) Approval of Minutes for November 19, 2020, Board Meeting.
- B) Approval of Minutes for December 3, 2020, Board Meeting.

Director Murphy moved and Director Trueba seconded to approve the November 19, 2020 Regular Board Minutes:

Roll call:

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

Noes – 0

Abstain – 0

Away – 0

The motion was carried unanimously.

Director Murphy moved and Director Trueba seconded to approve the December 3, 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 Approve the December 18, 2020 Salaries, Expenses and Transfers.

Consideration to Approve the December 18, 2020 Salaries, Expenses and Transfers.

Director Muniz moved, and Director Trueba seconded to Approve the December 18, 2020 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.

ITEM 7. CORRESPONDENCE AND RELATED INFORMATION

A flyer from the County of Riverside was included in the Board Packet providing information on how the County is addressing and working with the community in response to COVID-19 issues.

ITEM 8. MANAGER'S REPORT

Operations Report:

Operations Manager Miguel Valdez reported on the Water and Wastewater production for the month of November. For the month of November, an average of 4 mg/day of potable water was produced. 1.72 mg/day of sewage was delivered to the City of Riverside's Treatment Plant.

Re-roofing of the District's Field Office is done. The contractor completed the re-roof in four days. The roof structure was in pretty good shape, however there was some dry rot that had to be replaced.

Brian Laddusaw reported that on Monday, December 14, 2020 it was decided to close the front counter again for the next four weeks. The tentative reopen date is January 11, 2021. The reason for this is due to staff shortage/coverage during the holidays, the Customer Service Manager being out, and surging COVID-19 cases.. There should not be a slowdown in production as the

CSR's are able to work remotely with the new phone system. Director Murphy expressed his disappointment with the front office shutting down.

Mr. Sims stated that at the previous Board Meeting there was a question raised by Director Murphy regarding activities the fire prevention technician would be doing as part of the increased costs the District agreed to pay. He would like to have a better explanation of what the fire prevention technician is doing. Chief Veik participated via Zoom. call.

Chief Veik greeted attendees and requested any questions from the Board of Directors and indicated he would do his best to answer them.

Director Murphy: Stated that he, Director Skerbelis and Director Trowbridge recently attended the Jurupa Valley Interagency Council Meeting. The fire prevention personnel attending the Interagency Meeting stated that the Fire Department had begun looking at businesses in the area. At our last Board Meeting staff gave a presentation about a fire adjacent to one of our facilities (Anita B. Smith Treatment Plant). There have been two fires since I've been on this board that have been noted at the Board Meeting. One was the fire on 42nd Street and the one discussed at the last Board Meeting. The concern I have is in addition to looking at businesses and where they are at as far as fire prevention, I think there's an issue with unmitigated fuel load. In particular the fuel load at the last fire was compost. Previously it was required the landfill operator to switch from compost to soil for their daily cover. They are now requiring landscapers that are generating more than 25 pounds per month of organic material to separately haul for landscaping. There will be a build-up of compost with nowhere to go. My concern is what can we do about fire prevention for this unmitigated fuel load? I don't know where they're going to be composting this stuff. It was on public land for the 42nd Street fire. I don't know if we're going to be doing anything for mitigating for that – it's outside of the district, but it impacts homes that are adjacent the district boundary with that public land. It seems like these fires are occurring on public lands or they are a result of this compost stuff and if there's anything being done or that can be done about trying to mitigate that fuel load? That's my concern.

Director Skerbelis: I think that's all monitored by Riverside County Department of Environmental Health. All composting facilities – even if they are on county land is monitored by Environmental Health. Chief, do you agree with me on that?

Chief Veik: Absolutely, Director Skerbelis; but not only public health, a host of other local state and federal agencies as well.

Director Murphy: I would just like to see what we can do about avoiding having this organic material be disposed of as wind-blown ash. If there's nothing that's physically possible, then there's nothing that's physically possible.

Director Skerbelis: They're all supposed to be permitted. Any of that stuff that is spread or composted is supposed to be permitted. So, if we send the Department of Environmental Health or they go out to check them for a permit; if they have no permit they get shut down and fined. It's a big deal. I know it's been a problem for Environmental Health for some time. A lot of people just set up shop without being permitted.

Director Murphy: I think there's going to be a lot more of this composting going on.

Chief Veik: Those are all excellent questions. I'll do my best to keep it clear and concise. I think I can answer all of your questions that have been put forward. We are absolutely doing something about every one of them. That's the part I want all of you to rest assured the Fire Department and the rest of the public agencies and in some cases private companies are dealing with these issues. I will answer the questions.

Colleagues and Directors, I extremely value the decision that you made on behalf of the District to upgrade your Fire Prevention Technician to a Fire Systems Inspector. Director Murphy, the individual you talked to was Joe Lewis, who was on the Jurupa Interagency Meeting. He used to work as the fire prevention tech for the District years ago. He knows a number of members who are part of the RCSD staff. You basically spent an extra \$10,000 a year to upgrade from a prevention technician to a fully certified Fire Inspector. You share half of the cost for Joe Lewis with the city of Eastvale. Joe works 2 days a week in Rubidoux and 2 days a week in Eastvale. That is all part of a growing process that I'm working with the City Manager of Jurupa Valley, Rod Butler, to get all of Jurupa Valley – not just Rubidoux, but the whole city getting annual fire inspections.

What Joe will do – he will continue to do Rubidoux's annual weed abatement process. That includes all of the vacant lands in the District. He will work with District staff and ensure that we get compliance for weed abatement. The city of Jurupa Valley's code enforcement deals with all the properties that have inhabited structures on them. There is a two-edged or total force concept there. In addition to the weed abatement, Joe will also do state mandated facility inspections. Those include schools, care facilities, and some of the other large or state mandated care facilities that are within RCSD. The third item is going to be new. When I say new, annual business inspections when the city incorporated had been a lacking effort. Over the past years, myself and my predecessors could have done a better job with annual business inspections, but we are aggressively pursuing that now. Annual business inspection will be the third element of Joe's job. Every year every businesses within the District will receive an annual business inspection. We will inspect their electrical is up to code; we will ensure they have Exit signs; we will ensure their fire sprinklers have had their 5-year certification inspection; and confirm storage isn't blocking Exits. Ultimately with these inspections the goal is to keep those businesses in service. They're producing tax base or sales tax which rolls out to the city of Jurupa Valley, and here in RCSD's case, property tax. A vacant lot caused by a burnt down building eventually lowers the property tax value on that land, which in turn reduces tax increment income to the District.

Specifically, to Director Murphy's questions. The 42nd Street fire which was in the Fall of last year. That started near Riverview and 42nd out there. The fire burned and damaged some structures and ultimately the cause was an individual fleeing from the cops who ran his vehicle into the dry grass and started the fire. So what Director Murphy is asking about is hazard fuel reduction in the river bottom. Our Fire Chief, Bill Weiser understands the river bottom complexity as well; not only in the overgrown fuels, but the homeless challenges. The Fire Chief is part of a task force – which I am a part of as well, on what we can do to reduce those hazard fuels in the river bottom, those public lands Director Murphy was talking about.

The most recent Wilson Fire started out on the north end of Rubidoux off of Fleetwood on December 2nd. The Fire started in San Bernardino County under heavy Santa Ana winds. It blew embers into Rubidoux which started three or four mulch and pallet yard operations on fire: ultimately destroying three or four businesses. All of those mulch facilities were operating with way too much green waste on their property. They all had been issued compliance orders which

our inspector is enforcing. Enforcement includes removal of all of the abundant green waste. Environmental Health is involved all the way up to the state level Cal Recycle. Essentially, they won't be able to operate again without going through the city of Jurupa Valley and following appropriate permit processes. We have our challenges on the north end of Rubidoux there. There are five or six pallet yards out there that have grown up. We are currently inspecting those to bring them into compliance, ultimately to keep our entire community safe.

I know I covered a lot of ground there. That \$10,000 extra a year and I understand that's a financial burden, but an ounce of fire prevention is a gallon of cure in protecting RCSD. I am open to any more questions.

Director Trueba: Regarding weed abatement. What would be the proper procedure for a common citizen to report a lot that is possibly a fire hazard so that they can call it in and make sure it gets handled properly?

Chief Veik: Director Trueba, we can do two things. I will email Jeff Sims our Inspector, Joe Lewis' contacts (email, phone). Keep in mind even though we are RCSD, we do fall within the city of Jurupa Valley. You can also contact code enforcement on the website, where I believe there is a complaint form.

Emergency and Fire Report:

Station 38 had a total of 265 calls. Of those, 176 calls, or 67.9%, were medical aide calls.. Additionally, there was a report for the City of Jurupa Valley. There were 26 traffic collisions. For the city, there was a total of 265 calls. The EMS and fire services are extremely busy right now with the COVID challenges. In mid-January we will be tenting Fire Station 38 due to termites.

ITEM 9. Receive and File Statement of Cash Asset Schedule Report Ending November 2020. DM 2020-90.

BACKGROUND

Attached for the Board of Directors' consideration is the November 2020 Statement of Cash Asset Schedule Report for all District Fund Accounts. Our YTD interest is \$100,113.34 for District controlled accounts. With respect to District "Funds in Trust", we show \$4,216.10 which has been earned and posted. The District has a combined YTD interest earned total of \$104,329.44 as of November 30, 2020.

The District's Operating Funds (Excluding Restricted Funds and Operating Reserves), we show a balance of \$6,051,543.99 ending November 30, 2020. That's **\$819,619.63 LESS** than July 1, 2020, beginning balance of \$6,871,163.62.

Further, the District's Field/Admin Fund current fund balance is \$630,876.85.

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

Director Muniz moved, and Director Trowbridge seconded to Receive and File the Statement of Cash for the Month of November 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. Recognition of Federal Holiday/Notice of Office Closure. DM 2020-91.

BACKGROUND

On December 11, 2020, President Trump issued an Executive Order (E.O.) recognizing December 24, 2020 as a Federal Holiday. Consistent with the employees' Memorandum of Understanding (MOU) Article X 'Holidays' and current RCSD personnel handbook policy #3030 'Holidays', "*At such time as Federal and State governments designate certain holidays to be celebrated, the same shall apply.*" , the District office will be closed in recognition of the newly enacted federal holiday on Thursday, December 24, 2020. A copy of the E.O., MOU article and RCSD personnel handbook policy are provided for your reference. Customers will still be able to make payments on this day via our automated phone system, online, or drop box in addition to reporting leaks, etc. to our on-call personnel similar to other recognized holidays.

This DM requires no board action at this time and is merely informational.

Information item only, no action necessary.

ITEM 11. Consider Awarding a Contract for Consulting Services to: Update to RCSD's Water and Sewer Master Plans, Prepare RCSD 2020 Urban Water Management Plan, RCSD Operational Plan, and Prepare American Water Infrastructure Act Documents. DM 2020-92.

Item unable to be presented.

ITEM 12. Closed Session – NONE at this time.

ITEM 13. Directors Comments

Director Skerbelis adjourned the meeting at 4:47 PM.

5. CONSIDERATION TO:

- A) RATIFY THE JANUARY 7, 2021, SALARIES, EXPENSES AND TRANSFERS
- B) APPROVE JANUARY 21, 2021 SALARIES, EXPENSES ND TRANSFERS

**RUBIDOUX COMMUNITY SERVICES DISTRICT
JANUARY 7, 2021 (BOARD MEETING)
FUND TRANSFER RATIFICATION**

NET PAYROLL 1/8/21

***Approved at 12/17/20 Meeting

WIRE TRANSFER: FEDERAL PAYROLL TAXES 1/11/21
 WIRE TRANSFER: STATE PAYROLL TAXES 1/11/21
 WIRE TRANSFER: TO CREDIT UNION
 WIRE TRANSFER: PERS RETIREMENT
 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 AND 401(A)

CHECKING ACCOUNT TRANSFERS FOR ACCOUNTS PAYABLE:

1/8/2021 WATER FUND TO GENERAL FUND-Payables	215,072.30
WATER FUND TO GENERAL FUND-Trash	176,082.33
WATER FUND TO SEWER FUND	131,712.24
SEWER FUND TO GENERAL FUND-Payables	114,637.67

INTERFUND TRANSFERS:

1/8/2021 SEWER FUND CHECKING TO LAIF SEWER OP	17,000.00
LAIF SEWER OP TO SEWER FUND CHECKING	-
GENERAL FUND CHECKING TO LAIF PROP TAX	700,000.00
GENERAL FUND PROP TAX TO GENERAL FUND CHECKING	675,000.00
LAIF GF TO GENERAL FUND CHECKING	-
WATER FUND CHECKING TO LAIF-COP PAYBACK	94,700.00
WATER FUND CHECKING TO LAIF-W.R.	14,300.00
LAIF WATER OP TO WATER FUND CHECKING	13,000.00
LAIF WATER RESERVE TO LAIF WATER OP	-
LAIF WATER REPLACE TO LAIF WATER OP	6,173.00
LAIF WATER OP TO LAIF WATER RESERVE	-
LAIF WATER MAINLINE TO LAIF WATER OP	44,731.00
WATER FUND CHECKING TO LAIF WATER RESERVE	-

NOTES PAYABLE

DESCRIPTION	BALANCE	PAYMENT	DUE DATE
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	4,003,035 Prin.	128,987	Jul-21
MN Plant-State Revolving Loan	731,512 Intr.	53,111	Jul-21

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Tr. #	Vendor	Credit Card Vendor					Due Date	Discount Date	Payment Date	Invoice #	Discount
		PO Number	Inv Date	Paid Out	Immediate	Check #					
GL Date		Immediate GL Account			Credit Card	CC Reference #				Total Invoice	
1	BLX / BLX GROUP, LLC ✓									41742-249/120920 ✓	
BOND ARBITRAGE RPT		12/9/2020 ✓	N	N			1/8/2021 ✓	12/9/2020		\$0.00	
1/7/2021 ✓			N							\$1,500.00 ✓	
2	BABCOCK E S SONS INC / BABCOCK, E S & SONS, INV ✓									CL00087-0267 ✓	
WTR ANALYSES		12/1/2020 ✓	N	N			12/31/2020 ✓	12/1/2020		\$0.00	
1/7/2021 ✓			N							\$1,788.00 ✓	
3	BABCOCK E S SONS INC / BABCOCK, E S & SONS, INV ✓									CL00866-0267 ✓	
WTR ANALYSES		12/10/2020 ✓	N	N			1/9/2021 ✓	12/10/2020		\$0.00	
1/7/2021 ✓			N							\$96.00 ✓	
4	BABCOCK E S SONS INC / BABCOCK, E S & SONS, INV ✓									CL00995-0267 ✓	
WTR ANALYSES		12/11/2020 ✓	N	N			1/10/2021 ✓	12/11/2020		\$0.00	
1/7/2021 ✓			N							\$64.00 ✓	
5	BABCOCK E S SONS INC / BABCOCK, E S & SONS, INV ✓									CL00992-0267 ✓	
WTR ANALYSES		12/11/2020 ✓	N	N			1/10/2021 ✓	12/11/2020		\$0.00	
1/7/2021 ✓			N							\$232.00 ✓	
6	BABCOCK E S SONS INC / BABCOCK, E S & SONS, INV ✓									CL00998-0267 ✓	
WTR ANALYSES		12/11/2020 ✓	N	N			1/10/2021 ✓	12/11/2020		\$0.00	
1/7/2021 ✓			N							\$148.00 ✓	
7	BABCOCK E S SONS INC / BABCOCK, E S & SONS, INV ✓									CL01025-0267 ✓	
WTR ANALYSES		12/14/2020 ✓	N	N			1/13/2021 ✓	12/14/2020		\$0.00	
1/7/2021 ✓			N							\$96.00 ✓	
8	BABCOCK E S SONS INC / BABCOCK, E S & SONS, INV ✓									CL01030-0267 ✓	
WTR ANALYSES		12/14/2020 ✓	N	N			1/13/2021 ✓	12/14/2020		\$0.00	
1/7/2021 ✓			N							\$3,576.00 ✓	
9	BABCOCK E S SONS INC / BABCOCK, E S & SONS, INV ✓									CL01037-0267 ✓	
WTR ANALYSES		12/14/2020 ✓	N	N			1/13/2021 ✓	12/14/2020		\$0.00	
1/7/2021 ✓			N							\$48.00 ✓	
10	BABCOCK E S SONS INC / BABCOCK, E S & SONS, INV ✓									CL01039-0267 ✓	
WTR ANALYSES		12/14/2020 ✓	N	N			1/13/2021 ✓	12/14/2020		\$0.00	
1/7/2021 ✓			N							\$420.00 ✓	
11	BPS B'S POOL SUPPLIES / B.P.S. B's POOL SUPPLIES ✓									106220 ✓	
SODIUM HYPO		12/9/2020 ✓	N	N			1/8/2021 ✓	12/9/2020		\$0.00	
1/7/2021 ✓			N							\$1,027.72 ✓	
12	BOOT BARN / BOOT BARN ✓									INV00080800 ✓	
BOOTS - CANAL		12/8/2020 ✓	N	N			1/7/2021 ✓	12/8/2020		\$0.00	
1/7/2021 ✓			N							\$167.39 ✓	
13	BURRTEC / BURRTEC WASTE INDUSTRIES, INC. ✓									N0818804141 ✓	
SWR DISPOSAL		11/30/2020 ✓	N	N			12/30/2020 ✓	11/30/2020		\$0.00	
1/7/2021 ✓			N							\$335.72 ✓	
14	BUSINESS / BUSINESS TELECOMMUNICATION SYSTI ✓									17002 ✓	
PHN PWR ADPTR		12/11/2020 ✓	N	N			1/10/2021 ✓	12/11/2020		\$0.00	
1/7/2021 ✓			N							\$55.26 ✓	
15	CORELOGIC / CORELOGIC, INC. ✓									82055902 ✓	
ON-LINE SVC		11/30/2020 ✓	N	N			12/30/2020 ✓	11/30/2020		\$0.00	
1/7/2021 ✓			N							\$178.75 ✓	
16	COUGAR / COUGAR MTN SOFTWARE ✓									391903 ✓	
SUPPORT HOURS (8)		12/16/2020 ✓	N	N			1/15/2021 ✓	12/16/2020		\$0.00	
1/7/2021 ✓			N							\$900.00 ✓	
17	CROWN ACE HARDWARE / CROWN ACE HARDWARE ✓									081865 ✓	
SUPPLIES		12/9/2020 ✓	N	N			1/8/2021 ✓	12/9/2020		\$0.00	
1/7/2021 ✓			N							\$9.15 ✓	

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Tr. #	Vendor	Credit Card Vendor					Due Date	Discount Date	Payment Date	Invoice #	Discount
		PO Number	Inv Date	Paid Out	Immediate	Check #					
GL Date		Immediate GL Account			Credit Card	CC Reference #					
18	CROWN ACE HARDWARE / CROWN ACE HARDWARE ✓									081859 ✓	
SUPPLIES		12/9/2020 ✓	N	N			1/8/2021 ✓	12/9/2020		\$0.00	
1/7/2021 ✓			N							\$95.84 ✓	
19	CROWN ACE HARDWARE / CROWN ACE HARDWARE ✓									081864 ✓	
FASTENERS		12/9/2020 ✓	N	N			1/8/2021 ✓	12/9/2020		\$0.00	
1/7/2021 ✓			N							\$2.75 ✓	
20	CROWN ACE HARDWARE / CROWN ACE HARDWARE ✓									081866 ✓	
SUPPLIES		12/9/2020 ✓	N	N			1/8/2021 ✓	12/9/2020		\$0.00	
1/7/2021 ✓			N							\$14.99 ✓	
21	CROWN ACE HARDWARE / CROWN ACE HARDWARE ✓									081869 ✓	
CONCRETE		12/10/2020 ✓	N	N			1/9/2021 ✓	12/10/2020		\$0.00	
1/7/2021 ✓			N							\$64.48 ✓	
22	CROWN ACE HARDWARE / CROWN ACE HARDWARE ✓									081871 ✓	
CONCRETE		12/10/2020 ✓	N	N			1/9/2021 ✓	12/10/2020		\$0.00	
1/7/2021 ✓			N							\$30.08 ✓	
23	CROWN ACE HARDWARE / CROWN ACE HARDWARE ✓									081874 ✓	
VALVE		12/10/2020 ✓	N	N			1/9/2021 ✓	12/10/2020		\$0.00	
1/7/2021 ✓			N							\$48.46 ✓	
24	EAGLE / EAGLE ROAD SVC & TIRE ✓									1-173994 ✓	
R&M TRK		12/9/2020 ✓	N	N			1/8/2021 ✓	12/9/2020		\$0.00	
1/7/2021 ✓			N							\$32.63 ✓	
25	EDGEWOOD PARTNERS INS / EDGEWOOD PARTNER ✓									412843 ✓	
COMM INS		12/1/2020 ✓	N	N			12/31/2020 ✓	12/1/2020		\$0.00	
1/7/2021 ✓			N							\$10,803.00 ✓	
26	EDGEWOOD PARTNERS INS / EDGEWOOD PARTNER ✓									412844 ✓	
AUTO INS		12/1/2020 ✓	N	N			12/31/2020 ✓	12/1/2020		\$0.00	
1/7/2021 ✓			N							\$4,254.00 ✓	
27	EDGEWOOD PARTNERS INS / EDGEWOOD PARTNER ✓									412845 ✓	
EXCESS LIAB INS		12/1/2020 ✓	N	N			12/31/2020 ✓	12/1/2020		\$0.00	
1/7/2021 ✓			N							\$2,430.00 ✓	
28	HARRINGTON INDUSTRIAL / HARRINGTON INDUSTRI ✓									012K8421 ✓	
BALL VALVES		12/14/2020 ✓	N	N			1/13/2021 ✓	12/14/2020		\$0.00	
1/7/2021 ✓			N							\$613.90 ✓	
29	HARRINGTON INDUSTRIAL / HARRINGTON INDUSTRI ✓									012K8454 ✓	
PVC PARTS		12/15/2020 ✓	N	N			1/14/2021 ✓	12/15/2020		\$0.00	
1/7/2021 ✓			N							\$184.27 ✓	
30	INFOSEND / INFOSEND, INC ✓									182313.A ✓	
NOV PRNT BILLS		11/30/2020 ✓	N	N			12/30/2020 ✓	11/30/2020		\$0.00	
1/7/2021 ✓			N							\$968.72 ✓	
31	INFOSEND / INFOSEND, INC ✓									182313.B ✓	
NOV POSTAGE		11/30/2020 ✓	N	N			12/30/2020 ✓	11/30/2020		\$0.00	
1/7/2021 ✓			N							\$2,540.53 ✓	
32	INLAND DESERT SECURITY / INLAND DESERT SECU ✓									201100636101 ✓	
CALL FWD SVC		12/15/2020 ✓	N	N			1/14/2021 ✓	12/15/2020		\$0.00	
1/7/2021 ✓			N							\$35.00 ✓	
33	KH METALS / KH METALS & SUPPLY ✓									0543309-IN ✓	
STEEL PIPE		12/8/2020 ✓	N	N			1/7/2021 ✓	12/8/2020		\$0.00	
1/7/2021 ✓			N							\$121.91 ✓	
34	MERIT OIL / MERIT OIL COMPANY ✓									618727 ✓	
DIESEL FUEL		12/10/2020 ✓	N	N			12/25/2020 ✓	12/10/2020		\$0.00	
1/7/2021 ✓			N							\$314.51 ✓	

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GL Date			Immediate GL Account	Credit Card	CC Reference #	Total Invoice					
35	MERIT OIL / MERIT OIL COMPANY✓									618828✓	
DIESEL FUEL		12/11/2020✓	N	N			12/26/2020✓	12/11/2020		\$0.00	
1/7/2021✓				N						\$315.49✓	
36	QUADIENT / QUADIENT LEASING USA, INC.✓									N8619508✓	
PSTG MTR		12/10/2020✓	N	N			1/9/2021✓	12/10/2020		\$0.00	
1/7/2021✓				N						\$404.74✓	
37	QUINN CAT / QUINN CAT / MACHINERY✓									WOA00025261✓	
R&M EQUIP		12/7/2020✓	N	N			1/6/2021✓	12/7/2020		\$0.00	
1/7/2021✓				N						\$1,671.98✓	
38	R&D MECHANICAL / R&D MECHANICAL SUPPLY, INC✓									I1004271✓	
PARTS		12/2/2020✓	N	N			1/1/2021✓	12/2/2020		\$0.00	
1/7/2021✓				N						\$47.85✓	
39	R&D MECHANICAL / R&D MECHANICAL SUPPLY, INC✓									I1004273✓	
STOCK		12/2/2020✓	N	N			1/1/2021✓	12/2/2020		\$0.00	
1/7/2021✓				N						\$1,049.90✓	
40	R&D MECHANICAL / R&D MECHANICAL SUPPLY, INC✓									I1004287✓	
PART		12/2/2020✓	N	N			1/1/2021✓	12/2/2020		\$0.00	
1/7/2021✓				N						\$453.26✓	
41	RIVERSIDE CLEANING SYSTEMS / RIVERSIDE CLEAN✓									433✓	
CLNG SVC		12/6/2020✓	N	N			1/5/2021✓	12/6/2020		\$0.00	
1/7/2021✓				N						\$798.00✓	
42	SCE / SCE✓									21J2036525640✓	
MAIN OFC UTLTY		12/12/2020✓	N	N			12/31/2020✓	12/12/2020		\$0.00	
1/7/2021✓				N						\$985.33✓	
43	SCE / SCE✓									21J2283710317✓	
FIRE STN UTLTY		12/12/2020✓	N	N			12/31/2020✓	12/12/2020		\$0.00	
1/7/2021✓				N						\$1,277.01✓	
44	SCG / SCG✓									21J05925730565✓	
FIRE STN UTLTY		12/2/2020✓	N	N			12/28/2020✓	12/2/2020		\$0.00	
1/7/2021✓				N						\$165.06✓	
45	SO CAL NEWS / SO CAL NEWS GRP DBA: PRESS-ENT✓									0000500014✓	
CLSSFD AD		11/30/2020✓	N	N			12/30/2020✓	11/30/2020		\$0.00	
1/7/2021✓				N						\$2,180.00✓	
46	TEKCOLLECT / TEK COLLECT✓									472927✓	
COLLECTION FEES		11/30/2020✓	N	N			12/30/2020✓	11/30/2020		\$0.00	
1/7/2021✓				N						\$49.34✓	
47	TRAFFIC MANAGEMENT / TRAFFIC MANAGEMENT, IN✓									687956✓	
SIGNAGE		12/8/2020✓	N	N			1/7/2021✓	12/8/2020		\$0.00	
1/7/2021✓				N						\$117.46✓	
48	ULINE / ULINE✓									127600989✓	
SUPPLIES		12/8/2020✓	N	N			1/7/2021✓	12/8/2020		\$0.00	
1/7/2021✓				N						\$300.21✓	
49	UPS / UNITED PARCEL SERVICE✓									0000F908W2500✓	
POSTAGE		12/12/2020✓	N	N			1/11/2021✓	12/12/2020		\$0.00	
1/7/2021✓				N						\$7.35✓	
50	AIRESPRING / AIRESPRING✓									21J1363397✓	
PHN CHGS		12/16/2020✓	N	N			1/9/2021✓	12/16/2020		\$0.00	
1/7/2021✓				N						\$556.14✓	
51	AQUA METRIC SALES / AQUA METRIC SALES CO✓									INV0080359✓	
1.5" & 2" MTRS		12/16/2020✓	N	N			1/15/2021✓	12/16/2020		\$0.00	
1/7/2021✓				N						\$4,667.74✓	

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GL Date	Immediate GL Account			Credit Card	CC Reference #			
52	AQUA METRIC SALES / AQUA METRIC SALES CO ✓							INV0080360 ✓
MTR CABLES	12/16/2020 ✓	N	N		1/15/2021 ✓	12/16/2020		\$0.00
1/7/2021 ✓		N						\$410.53 ✓
53	BLAIS / BLAIS & ASSOCIATES, LLC ✓							112020RCSD01 ✓
GRNT CNSLT	12/15/2020 ✓	N	N		1/14/2021 ✓	12/15/2020		\$0.00
1/7/2021 ✓		N						\$3,832.50 ✓
54	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓							CL00382-0267 ✓
WTR ANALYSES	12/4/2020 ✓	N	N		1/3/2021 ✓	12/4/2020		\$0.00
1/7/2021 ✓		N						\$420.00 ✓
55	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓							CL01550-0267 ✓
WTR ANALYSES	12/17/2020 ✓	N	N		1/16/2021 ✓	12/17/2020		\$0.00
1/7/2021 ✓		N						\$148.00 ✓
56	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓							CL01551-0267 ✓
WTR ANALYSES	12/17/2020 ✓	N	N		1/16/2021 ✓	12/17/2020		\$0.00
1/7/2021 ✓		N						\$105.00 ✓
57	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓							CL01552-0267 ✓
LAB FEES	12/17/2020 ✓	N	N		1/16/2021 ✓	12/17/2020		\$0.00
1/7/2021 ✓		N						\$170.00 ✓
58	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓							CL01556-0267 ✓
WTR ANALYSES	12/17/2020 ✓	N	N		1/16/2021 ✓	12/17/2020		\$0.00
1/7/2021 ✓		N						\$506.00 ✓
59	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓							CL01754-0267 ✓
WTR ANALYSES	12/21/2020 ✓	N	N		1/20/2021 ✓	12/21/2020		\$0.00
1/7/2021 ✓		N						\$96.00 ✓
60	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓							CL01760-0267 ✓
WTR ANALYSES	12/21/2020 ✓	N	N		1/20/2021 ✓	12/21/2020		\$0.00
1/7/2021 ✓		N						\$4,470.00 ✓
61	CITY OF JURUPA VALLEY / CITY OF JURUPA VALLEY ✓							7091 ✓
PERMIT	12/21/2020 ✓	N	N		1/20/2021 ✓	12/21/2020		\$0.00
1/7/2021 ✓		N						\$421.88 ✓
62	CITY OF JURUPA VALLEY / CITY OF JURUPA VALLEY ✓							7107 ✓
PERMIT	12/21/2020 ✓	N	N		1/20/2021 ✓	12/21/2020		\$0.00
1/7/2021 ✓		N						\$423.78 ✓
63	CITY OF JURUPA VALLEY / CITY OF JURUPA VALLEY ✓							7108 ✓
PERMIT	12/21/2020 ✓	N	N		1/20/2021 ✓	12/21/2020		\$0.00
1/7/2021 ✓		N						\$423.29 ✓
64	CITY OF JURUPA VALLEY / CITY OF JURUPA VALLEY ✓							7114 ✓
PERMIT	12/21/2020 ✓	N	N		1/20/2021 ✓	12/21/2020		\$0.00
1/7/2021 ✓		N						\$421.88 ✓
65	CITY OF JURUPA VALLEY / CITY OF JURUPA VALLEY ✓							7115 ✓
PERMIT	12/21/2020 ✓	N	N		1/20/2021 ✓	12/21/2020		\$0.00
1/7/2021 ✓		N						\$421.88 ✓
66	CROWN ACE HARDWARE / CROWN ACE HARDWARE ✓							081912 ✓
SUPPLIES	12/18/2020 ✓	N	N		1/17/2021 ✓	12/18/2020		\$0.00
1/7/2021 ✓		N						\$30.13 ✓
67	CROWN ACE HARDWARE / CROWN ACE HARDWARE ✓							081916 ✓
KEY	12/21/2020 ✓	N	N		1/20/2021 ✓	12/21/2020		\$0.00
1/7/2021 ✓		N						\$2.79 ✓
68	CROWN ACE HARDWARE / CROWN ACE HARDWARE ✓							081920 ✓
R&M TRK	12/22/2020 ✓	N	N		1/21/2021 ✓	12/22/2020		\$0.00
1/7/2021 ✓		N						\$70.36 ✓

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GL Date			Immediate GL Account		Credit Card	CC Reference #		Payment Date	Total Invoice
69	DURNEY DON / DURNEY, DON ✓								20201223 ✓
WEED ABATE		12/23/2020 ✓	N	N			1/22/2021 ✓	12/23/2020	\$0.00
1/7/2021 ✓				N					\$737.50 ✓
70	ELECTRONICS WAREHOUSE / ELECTRONICS WARE ✓								T-238042 ✓
R&M SWR		12/16/2020 ✓	N	N			1/15/2021 ✓	12/16/2020	\$0.00
1/7/2021 ✓				N					\$20.85 ✓
71	ENGELAUF CONST. / ENGELAUF CONSTRUCTION SF ✓								357436 ✓
HAULING		12/1/2020 ✓	N	N			12/31/2020 ✓	12/1/2020	\$0.00
1/7/2021 ✓				N					\$150.00 ✓
72	ENGELAUF CONST. / ENGELAUF CONSTRUCTION SF ✓								357449 ✓
HAULING		12/1/2020 ✓	N	N			12/31/2020 ✓	12/1/2020	\$0.00
1/7/2021 ✓				N					\$150.00 ✓
73	ENGELAUF CONST. / ENGELAUF CONSTRUCTION SF ✓								357600 ✓
HAULING		12/3/2020 ✓	N	N			1/2/2021 ✓	12/3/2020	\$0.00
1/7/2021 ✓				N					\$150.00 ✓
74	ENGELAUF CONST. / ENGELAUF CONSTRUCTION SF ✓								357569 ✓
HAULING		12/3/2020 ✓	N	N			1/2/2021 ✓	12/3/2020	\$0.00
1/7/2021 ✓				N					\$150.00 ✓
75	GRAINGER / GRAINGER ✓								9743652449 ✓
CABINET		12/10/2020 ✓	N	N			1/9/2021 ✓	12/10/2020	\$0.00
1/7/2021 ✓				N					\$241.43 ✓
76	GRAINGER / GRAINGER ✓								9748253136 ✓
CABINET		12/15/2020 ✓	N	N			1/14/2021 ✓	12/15/2020	\$0.00
1/7/2021 ✓				N					\$217.96 ✓
77	HANSEN / HANSEN ALLEN & LUCE ✓								43154 ✓
WTR OPS PLAN		11/23/2020 ✓	N	N			12/23/2020 ✓	11/23/2020	\$0.00
1/7/2021 ✓				N					\$2,000.00 ✓
78	HOUSTON HARRIS / HOUSTON & HARRIS PCS, INC. ✓								20-23254 ✓
HYDRO-WSH		12/22/2020 ✓	N	N			1/21/2021 ✓	12/22/2020	\$0.00
1/7/2021 ✓				N					\$5,317.50 ✓
79	INLAND / INLAND EMPIRE PROPERTY SERVICES, INC. ✓								201100636101 ✓
CALL FWD		12/15/2020 ✓	N	N			1/14/2021 ✓	12/15/2020	\$0.00
1/7/2021 ✓				N					\$35.00 ✓
80	J THAYER / J THAYER COMPANY, INC ✓								1495977-0 ✓
SUPPLIES		12/15/2020 ✓	N	N			1/14/2021 ✓	12/15/2020	\$0.00
1/7/2021 ✓				N					\$127.48 ✓
81	KH METALS / KH METALS & SUPPLY ✓								0544123-INV ✓
PARTS		12/15/2020 ✓	N	N			1/14/2021 ✓	12/15/2020	\$0.00
1/7/2021 ✓				N					\$101.23 ✓
82	KH METALS / KH METALS & SUPPLY ✓								0544451-IN ✓
SUPPLIES		12/17/2020 ✓	N	N			1/16/2021 ✓	12/17/2020	\$0.00
1/7/2021 ✓				N					\$22.61 ✓
83	KRIEGER & STEWART / KRIEGER & STEWART, INC. ✓								45061 ✓
WSTE WTR CNST		12/11/2020 ✓	N	N			1/10/2021 ✓	12/11/2020	\$0.00
1/7/2021 ✓				N					\$187.00 ✓
84	KRIEGER & STEWART / KRIEGER & STEWART, INC. ✓								45062 ✓
PRETRTMT		12/11/2020 ✓	N	N			1/10/2021 ✓	12/11/2020	\$0.00
1/7/2021 ✓				N					\$4,247.75 ✓
85	KRIEGER & STEWART / KRIEGER & STEWART, INC. ✓								45063 ✓
WTR CNSLT		12/11/2020 ✓	N	N			1/10/2021 ✓	12/11/2020	\$0.00
1/7/2021 ✓				N					\$3,292.75 ✓

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86	KRIEGER & STEWART / KRIEGER & STEWART, INC.									45064✓	
WELL 18		12/11/2020 ✓	N	N			1/10/2021 ✓	12/11/2020		\$0.00	
1/7/2021✓				N						\$3,993.00 ✓	
87	MASTER'S / MASTER'S SERVICES (GLACIER)									0000000129057 ✓	
BTL WTR		12/16/2020 ✓	N	N			1/15/2021 ✓	12/16/2020		\$0.00	
1/7/2021✓				N						\$34.75 ✓	
88	MASTER'S / MASTER'S SERVICES (GLACIER)									0000000129056 ✓	
BTL WTR		12/16/2020 ✓	N	N			1/15/2021 ✓	12/16/2020		\$0.00	
1/7/2021✓				N						\$69.50 ✓	
89	MERIT OIL / MERIT OIL COMPANY									619397 ✓	
GASOLINE		12/16/2020 ✓	N	N			12/31/2020 ✓	12/16/2020		\$0.00	
1/7/2021✓				N						\$1,155.78 ✓	
90	MERIT OIL / MERIT OIL COMPANY									620582 ✓	
PROPANE		12/21/2020 ✓	N	N			12/21/2020 ✓	12/21/2020		\$0.00	
1/7/2021✓				N						\$20.00 ✓	
91	R&D MECHANICAL / R&D MECHANICAL SUPPLY, INC									11004275 ✓	
PARTS		12/2/2020 ✓	N	N			1/1/2021 ✓	12/2/2020		\$0.00	
1/7/2021✓				N						\$69.60 ✓	
92	R&D MECHANICAL / R&D MECHANICAL SUPPLY, INC									11004299 ✓	
HYDRNT		12/9/2020 ✓	N	N			1/8/2021 ✓	12/9/2020		\$0.00	
1/7/2021✓				N						\$1,044.00 ✓	
93	R&D MECHANICAL / R&D MECHANICAL SUPPLY, INC									11004300 ✓	
COPPER/HYDRNT		12/9/2020 ✓	N	N			1/8/2021 ✓	12/9/2020		\$0.00	
1/7/2021✓				N						\$2,653.50 ✓	
94	R&D MECHANICAL / R&D MECHANICAL SUPPLY, INC									11004320 ✓	
PARTS		12/15/2020 ✓	N	N			1/14/2021 ✓	12/15/2020		\$0.00	
1/7/2021✓				N						\$174.00 ✓	
95	R&D MECHANICAL / R&D MECHANICAL SUPPLY, INC									11004321 ✓	
MTR PARTS		12/15/2020 ✓	N	N			1/14/2021 ✓	12/15/2020		\$0.00	
1/7/2021✓				N						\$383.89 ✓	
96	ROYAL INDUSTRIAL / ROYAL INDUSTRIAL SOLUTIONS									6441-1006129 ✓	
PARTS		12/18/2020 ✓	N	N			1/17/2021 ✓	12/18/2020		\$0.00	
1/7/2021✓				N						\$14.63 ✓	
97	SCE / SCE ✓									21J2036525988 ✓	
SWR PMP ENRGY		12/21/2020 ✓	N	N			1/11/2021 ✓	12/21/2020		\$0.00	
1/7/2021✓				N						\$893.22 ✓	
98	SCE / SCE ✓									21J2024179475.A ✓	
FLD OFC UTLTY		12/24/2020 ✓	N	N			1/12/2021 ✓	12/24/2020		\$0.00	
1/7/2021✓				N						\$92.39 ✓	
99	SCE / SCE ✓									21J2024179475.B ✓	
NO3 PLT UTLTY		12/24/2020 ✓	N	N			1/12/2021 ✓	12/24/2020		\$0.00	
1/7/2021✓				N						\$2,081.42 ✓	
100	SCE / SCE ✓									21J2024179475.C ✓	
WTR PMP ENRGY		12/24/2020 ✓	N	N			1/12/2021 ✓	12/24/2020		\$0.00	
1/7/2021✓				N						\$34,171.97 ✓	
101	DIGITAL_STREAMLINE / DIGITAL DEPLOYMENT, INC									108329 ✓	
WEBSITE		12/18/2020 ✓	N	N			1/17/2021 ✓	12/18/2020		\$0.00	
1/7/2021✓				N						\$400.00 ✓	
102	SOCAL TRUCK / SOCAL TRUCKWORKS ✓									10129 ✓	
R&M JEEP		12/16/2020 ✓	N	N			1/15/2021 ✓	12/16/2020		\$0.00	
1/7/2021✓				N						\$233.99 ✓	

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GL Date		Immediate GL Account				Credit Card	CC Reference #	Payment Date	Total Invoice
103	SWRCB ACCOUNTING OFFICE / SWRCB - ACCOUNT		11/24/2020 ✓	N	N				WD-0180887 ✓
PERMIT							12/24/2020 ✓	11/24/2020	\$0.00
1/7/2021 ✓					N				\$682.00 ✓
104	THIEME / THIEME, JEFFREY ✓		12/22/2020 ✓	N	N				2020122 ✓
DOT PHYSCL							1/21/2021 ✓	12/22/2020	\$0.00
1/7/2021 ✓					N				\$60.00 ✓
105	ULINE / ULINE ✓		12/16/2020 ✓	N	N				127986726 ✓
SUPPLIES							1/15/2021 ✓	12/16/2020	\$0.00
1/7/2021 ✓					N				\$334.26 ✓
106	UPS / UNITED PARCEL SERVICE ✓		12/19/2020 ✓	N	N				0000F908W2510 ✓
POSTAGE							1/18/2021 ✓	12/19/2020	\$0.00
1/7/2021 ✓					N				\$143.62 ✓
107	XYLEM WATER / XYLEM WATER SOLUTIONS USA, INV		12/17/2020 ✓	N	N				401057710 ✓
JH LFT STN							1/16/2021 ✓	12/17/2020	\$0.00
1/7/2021 ✓					N				\$342.50 ✓
108	XYLEM WATER / XYLEM WATER SOLUTIONS USA, INV ✓		12/16/2020 ✓	N	N				401057243 ✓
JH LFT STN							1/15/2021 ✓	12/16/2020	\$0.00
1/7/2021 ✓					N				\$3,669.65 ✓
109	BABCOCK E S SONS INC / BABCOCK, E S & SONS, INV ✓		12/7/2020 ✓	N	N				CL00485-0267 ✓
SHDW RCK							1/6/2021 ✓	12/7/2020	\$0.00
1/7/2021 ✓					N				\$294.00 ✓
110	BABCOCK E S SONS INC / BABCOCK, E S & SONS, INV ✓		12/14/2020 ✓	N	N				CL01034-0267 ✓
WTR ANALYSES							1/13/2021 ✓	12/14/2020	\$0.00
1/7/2021 ✓					N				\$84.00 ✓
111	BABCOCK E S SONS INC / BABCOCK, E S & SONS, INV ✓		12/14/2020 ✓	N	N				CL01043-0267 ✓
WTR ANALYSES							1/13/2021 ✓	12/14/2020	\$0.00
1/7/2021 ✓					N				\$420.00 ✓
112	BABCOCK E S SONS INC / BABCOCK, E S & SONS, INV ✓		12/14/2020 ✓	N	N				CL01044-0267 ✓
WTR ANALYSES							1/13/2021 ✓	12/14/2020	\$0.00
1/7/2021 ✓					N				\$168.00 ✓
113	BABCOCK E S SONS INC / BABCOCK, E S & SONS, INV ✓		12/14/2020 ✓	N	N				CL01045-0267 ✓
WTR ANALYSES							1/13/2021 ✓	12/14/2020	\$0.00
1/7/2021 ✓					N				\$168.00 ✓
114	BABCOCK E S SONS INC / BABCOCK, E S & SONS, INV ✓		12/21/2020 ✓	N	N				CL01723-0267 ✓
WTR ANALYSES							1/20/2021 ✓	12/21/2020	\$0.00
1/7/2021 ✓					N				\$420.00 ✓
115	BABCOCK E S SONS INC / BABCOCK, E S & SONS, INV ✓		12/23/2020 ✓	N	N				CL02088-0267 ✓
WTR ANALYSES							1/22/2021 ✓	12/23/2020	\$0.00
1/7/2021 ✓					N				\$1,788.00 ✓
116	BABCOCK E S SONS INC / BABCOCK, E S & SONS, INV ✓		12/24/2020 ✓	N	N				CL02107-0267 ✓
WTR ANALYSES							1/23/2021 ✓	12/24/2020	\$0.00
1/7/2021 ✓					N				\$148.00 ✓
117	BABCOCK E S SONS INC / BABCOCK, E S & SONS, INV ✓		12/24/2020 ✓	N	N				CL02110-0267 ✓
WTR ANALYSES							1/23/2021 ✓	12/24/2020	\$0.00
1/7/2021 ✓					N				\$420.00 ✓
118	BABCOCK E S SONS INC / BABCOCK, E S & SONS, INV ✓		12/28/2020 ✓	N	N				CL02198-0267 ✓
WTR ANALYSES							1/27/2021 ✓	12/28/2020	\$0.00
1/7/2021 ✓					N				\$96.00 ✓
119	CROWN ACE HARDWARE / CROWN ACE HARDWARE ✓		12/23/2020 ✓	N	N				081923 ✓
LOCK							1/22/2021 ✓	12/23/2020	\$0.00
1/7/2021 ✓					N				\$10.76 ✓

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		PO Number	Inv Date	Paid Out	Immediate	Check #	Due Date	Discount Date		
GL Date		Immediate GL Account				Credit Card	CC Reference #		Payment Date	Total Invoice
120	HACH CO. / HACH COMPANY ✓									12251193✓
CHEMICALS		12/18/2020 ✓	N	N			1/17/2021 ✓	12/18/2020		\$0.00
1/7/2021✓				N						\$579.64✓
121	HAZEN / HAZEN AND SAWYER ✓									0000006✓
PFAS EVAL/DESIGN		9/16/2020 ✓	N	N			10/16/2020 ✓	9/16/2020		\$0.00
1/7/2021✓				N						\$44,731.00 ✓
122	HOME DEPOT / HOME DEPOT CREDIT SERVICES ✓									023378/0531715✓
SUPPLIES		12/23/2020 ✓	N	N			1/22/2021 ✓	12/23/2020		\$0.00
1/7/2021✓				N						\$182.03✓
123	JL BIBER / JL BIBER CONSTRUCTION ✓									12142020-1✓
ROOF RPLCMT		12/14/2020 ✓	N	N			1/13/2021 ✓	12/14/2020		\$0.00
1/7/2021✓				N						\$30,000.00 ✓
124	JL BIBER / JL BIBER CONSTRUCTION ✓									12172020-1✓
ROOF RPLCMT		12/17/2020 ✓	N	N			1/16/2021 ✓	12/17/2020		\$0.00
1/7/2021✓				N						\$1,387.20✓
125	MERIT OIL / MERIT OIL COMPANY ✓									618177✓
GASOLINE		12/9/2020 ✓	N	N			12/24/2020 ✓	12/9/2020		\$0.00
1/7/2021✓				N						\$620.69✓
126	MERIT OIL / MERIT OIL COMPANY ✓									620581✓
DIESEL FUEL		12/21/2020 ✓	N	N			1/5/2021 ✓	12/21/2020		\$0.00
1/7/2021✓				N						\$305.76✓
127	MERIT OIL / MERIT OIL COMPANY ✓									620712✓
GASOLINE		12/23/2020 ✓	N	N			1/7/2021 ✓	12/23/2020		\$0.00
1/7/2021✓				N						\$966.91✓
128	O'BRIEN / O'BRIEN, JAMES ✓									20201211✓
KAISER		12/11/2020 ✓	N	N			1/10/2021 ✓	12/11/2020		\$0.00
1/7/2021✓				N						\$671.84✓
129	RING BENDER / RING BENDER LLP ✓									102801✓
CITY RVSD LTGN		11/12/2020 ✓	N	N			12/12/2020 ✓	11/12/2020		\$0.00
1/7/2021✓				N						\$73,339.54✓
130	RING BENDER / RING BENDER LLP ✓									10318✓
CITY RVSD LITGN		12/17/2020 ✓	N	N			1/16/2021 ✓	12/17/2020		\$0.00
1/7/2021✓				N						\$18,250.29✓
131	SCE / SCE ✓									21J2352968572✓
WTR PMP ENRGY		12/29/2020 ✓	N	N			1/19/2021 ✓	12/29/2020		\$0.00
1/7/2021✓				N						\$457.75✓
132	SCE / SCE ✓									21J2317748135✓
SWR PMP ENRGY		12/29/2020 ✓	N	N			1/19/2021 ✓	12/29/2020		\$0.00
1/7/2021✓				N						\$2,068.43✓
133	SCE / SCE ✓									21J2271820763✓
WTR PMP ENRGY		12/29/2020 ✓	N	N			1/19/2021 ✓	12/29/2020		\$0.00
1/7/2021✓				N						\$185.45✓
134	SCE / SCE ✓									21J2323283572✓
SWR PMP ENRGY		12/29/2020 ✓	N	N			1/19/2021 ✓	12/29/2020		\$0.00
1/7/2021✓				N						\$314.74✓
135	SILVA / SILVA, ADRIAN ✓									11420000-04✓
RFND OVRPYMNT		12/29/2020 ✓	N	N			1/28/2021 ✓	12/29/2020		\$0.00
1/7/2021✓				N						\$5.80✓
136	UPS / UNITED PARCEL SERVICE ✓									0000F908W2520✓
POSTAGE		12/26/2020 ✓	N	N			1/25/2021 ✓	12/26/2020		\$0.00
1/7/2021✓				N						\$23.70✓

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		PO Number	Inv Date	Paid Out	Immediate	Check #	Credit Card	CC Reference #			
GL Date		Immediate GL Account									
137	AKELA / AKELA PEST CONTROL INC ✓									010408329 ✓	
PEST CNTRL		12/23/2020 ✓	N	N						\$0.00	
1/7/2021 ✓					N					\$174.00 ✓	
138	BPS B'S POOL SUPPLIES / B.P.S. B's POOL SUPPLIES ✓									106333 ✓	
SODIUM HYPO		12/21/2020 ✓	N	N						\$0.00	
1/7/2021 ✓					N					\$1,210.61 ✓	
139	CHASE CARD SERVICES / CHASE CARD SERVICES ✓									21J77049795.A ✓	
WEB CAMS		12/17/2020 ✓	N	N						\$0.00	
1/7/2021 ✓					N					\$56.00 ✓	
140	CHASE CARD SERVICES / CHASE CARD SERVICES ✓									21J77049795.B ✓	
TEMP QTRS CDF		12/17/2020 ✓	N	N						\$0.00	
1/7/2021 ✓					N					\$500.00 ✓	
141	CHASE CARD SERVICES / CHASE CARD SERVICES ✓									21J77049795.C ✓	
SUBSCRIPTION		12/17/2020 ✓	N	N						\$0.00	
1/7/2021 ✓					N					\$14.99 ✓	
142	CHASE CARD SERVICES / CHASE CARD SERVICES ✓									21J77049795.D ✓	
WELL DIARIES		12/17/2020 ✓	N	N						\$0.00	
1/7/2021 ✓					N					\$998.76 ✓	
143	CHASE CARD SERVICES / CHASE CARD SERVICES ✓									21J77049795.E ✓	
GASOLINE		12/17/2020 ✓	N	N						\$0.00	
1/7/2021 ✓					N					\$49.48 ✓	
144	JADTEC SECURITY / JADTEC SECURITY SVCS, INC. ✓									2200863 ✓	
MONITORING		1/1/2021 ✓	N	N						\$0.00	
1/7/2021 ✓					N					\$53.85 ✓	
145	MCMASTER-CARR / McMaster-Carr Supply Co ✓									50612241 ✓	
SAMPLE BAGS		12/22/2020 ✓	N	N						\$0.00	
1/7/2021 ✓					N					\$39.81 ✓	
146	MERIT OIL / MERIT OIL COMPANY ✓									613687 ✓	
DIESEL FUEL		11/12/2020 ✓	N	N						\$0.00	
1/7/2021 ✓					N					\$198.55 ✓	
147	R&D MECHANICAL / R&D MECHANICAL SUPPLY, INC ✓									I1004358 ✓	
COUPLINGS		12/23/2020 ✓	N	N						\$0.00	
1/7/2021 ✓					N					\$102.23 ✓	
148	R&D MECHANICAL / R&D MECHANICAL SUPPLY, INC ✓									I1004359 ✓	
PARTS/TOOL		12/23/2020 ✓	N	N						\$0.00	
1/7/2021 ✓					N					\$272.96 ✓	
149	RIVERSIDE CNTY DEPT ENVIRONMENTAL / RIVERSIDE ✓									IN0401484 ✓	
PERMIT - 4282 EXMOR		12/11/2020 ✓	N	N						\$0.00	
1/7/2021 ✓					N					\$865.00 ✓	
150	RIVERSIDE CNTY DEPT ENVIRONMENTAL / RIVERSIDE ✓									IN0401562 ✓	
PERMIT - 3425 CRSTMNR		12/11/2020 ✓	N	N						\$0.00	
1/7/2021 ✓					N					\$1,136.00 ✓	
151	RIVERSIDE CNTY DEPT ENVIRONMENTAL / RIVERSIDE ✓									IN0401485 ✓	
PERMIT - 3450 DALY		12/11/2020 ✓	N	N						\$0.00	
1/7/2021 ✓					N					\$865.00 ✓	
152	RIVERSIDE CNTY DEPT ENVIRONMENTAL / RIVERSIDE ✓									IN0401586 ✓	
PERMIT - 3590 RBDX		12/11/2020	N	N						\$0.00	
1/7/2021 ✓					N					\$1,679.00 ✓	
153	SWRCB ACCOUNTING OFFICE / SWRCB - ACCOUNTI ✓									LW-1029673 ✓	
ANNUAL WTR SYS FEES		12/18/2020 ✓	N	N						\$0.00	
1/7/2021 ✓					N					\$25,685.00 ✓	

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PO Number						Credit Card	CC Reference #	Payment Date	Discount
GL Date		Immediate GL Account							Total Invoice
154	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC✓	COMM TRSH 12/9-12/29	12/30/2020 ✓	N	N		1/29/2021 ✓	12/30/2020	1209_122920.A ✓
1/7/2021 ✓				N					\$0.00
155	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC✓	RES TRSH 12/9-12/29	12/30/2020 ✓	N	N		1/29/2021 ✓	12/30/2020	1209_122920.B ✓
1/7/2021 ✓				N					\$41,626.29 ✓
156	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC✓	RCSD SHR COMM	12/30/2020 ✓	N	N		1/29/2021 ✓	12/30/2020	1209_122920.C ✓
1/7/2021 ✓				N					\$134,456.04 ✓
157	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC✓	RCSD SHR RES	12/30/2020 ✓	N	N		1/29/2021 ✓	12/30/2020	1209_122920.D ✓
1/7/2021 ✓				N					\$0.00
158	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC✓	BILLING FEE	12/30/2020 ✓	N	N		1/29/2021 ✓	12/30/2020	1209_122920.E ✓
1/7/2021 ✓				N					\$0.00
159	KUMA TIRE / KUMA TIRE & WHEEL✓	R&M TRK	12/30/2020 ✓	N	N		1/29/2021 ✓	12/30/2020	125925 ✓
1/7/2021 ✓				N					\$0.00
160	SB / SB INDUSTRIAL VACUUM SVCS INC✓	RAMP RNTL	12/16/2020 ✓	N	N		1/15/2021 ✓	12/16/2020	17792 ✓
1/7/2021 ✓				N					\$0.00
Grand Totals									
Total Direct Expense:									
\$518,950.77									
Total Direct Expense Adj:									
(\$8,284.93) ✓									
Total Non-Electronic Transactions:									
\$510,665.84 (2)									

Report Summary

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

① \$8,284.93

8,284.93 Tr-i-Co
0.00

MM
1-5-21

② \$510,665.84

\$10,920.84 x-for street

255.00

PP 10/25/20 255.00 LiUNA

0.00

RUBIDOUX COMMUNITY SERVICES DISTRICT
JANUARY 21, 2021 (BOARD MEETING)
FUND TRANSFER AUTHORIZATION

NET PAYROLL 1/22/21	61,000.00
WIRE TRANSFER: FEDERAL PAYROLL TAXES 1/25/21	26,300.00
WIRE TRANSFER: STATE PAYROLL TAXES 1/25/21	7,000.00
WIRE TRANSFER: TO CREDIT UNION	2,500.00
WIRE TRANSFER: PERS RETIREMENT	17,730.00
WIRE TRANSFER: PERS REPLACEMENT BENEFIT	-
WIRE TRANSFER: PERS HEALTH PREMIUMS	-
WIRE TRANSFER: PERS RETIRED HEALTH PREMIUMS AND FEES	-
WIRE TRANSFER: SECTION 125	50.00
WIRE TRANSFER: SECTION 457 AND 401(A)	2,800.00

CHECKING ACCOUNT TRANSFERS FOR ACCOUNTS PAYABLE:

1/22/2021 WATER FUND TO GENERAL FUND-Payables	59,121.04
WATER FUND TO GENERAL FUND-Trash	166,382.62
WATER FUND TO SEWER FUND	113,045.70
 SEWER FUND TO GENERAL FUND-Payables	 20,892.43
 SALARIES/BENEFITS REIMB WTR FUND TO GENERAL FUND FYQ2	 643,100.60
SALARIES/BENEFITS REIMB SWR FUND TO GENERAL FUND FYQ2	18,591.86
 BUDGET ADMIN WATER FUND TO GENERAL FUND	 150,000.00
BUDGET ADMIN SEWER FUND TO GENERAL FUND	125,000.00
BUDGET ADMIN TRASH FUND	25,000.00

INTERFUND TRANSFERS:

1/22/2021 SEWER FUND CHECKING TO LAIF SEWER-OP	-
SEWER FUND CHECKING TO LAIF SEWER ML	-
SEWER FUND CHECKING TO GENERAL FUND CHECKING	2,299.50
SEWER FUND CHECKING TO WATER FUND CHECKING	-
LAIF SEWER OP TO SEWER FUND CHECKING	54,000.00
LAIF WASTEWATER REPLACEMENT TO LAIF SEWER OP	-
GENERAL FUND CHECKING TO LAIF SEWER ML	-
GENERAL FUND CHECKING TO LAIF PROP TAX	1,382,000.00
GENERAL FUND CHECKING TO LAIF FIRE MITIGATION	-
GENERAL FUND PROP TAX TO GENERAL FUND CHECKING	592,000.00
GENERAL FUND CHECKING TO SEWER FUND CHECKING	-
GENERAL FUND CHECKING TO WATER FUND CHECKING	2,515.83
LAIF GENERAL TO GENERAL FUND CHECKING	-
LAIF PROPERTY TAX TO GENERAL FUND CHECKING	-
WATER FUND CHECKING TO LAIF-COP PAYBACK	61,900.00
WATER FUND CHECKING TO LAIF-W.R.	9,100.00
WATER FUND CHECKING TO GENERAL FUND CHECKING	17,500.50
LAIF WATER ML TO LAIF WATER REPLACEMENT	-
LAIF WATER ML TO LAIF WATER OPS	9,015.00
LAIF WATER OP TO WATER FUND CHECKING	716,000.00
LAIF WATER RESERVE TO LAIF WATER OP	-
LAIF FIELD/ADMIN BLDG TO LAIF WATER OP	8,302.50
WATER FUND CHECKING TO LAIF WATER RESERVE	-

NOTES PAYABLE

<u>DESCRIPTION</u>	<u>BALANCE</u>	<u>PAYMENT</u>	<u>DUUE 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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		PO Number	Inv Date	Paid Out	Immediate	Check #	Due Date		
GL Date		Immediate GL Account				Credit Card	CC Reference #	Payment Date	Total Invoice
1	AT&T / AT&T✓								000015855644✓
PHN CHGS		1/7/2021✓	N	N			2/16/2021✓	1/7/2021	\$0.00
1/21/2021✓				N					\$410.88✓
2	ACORN / ACORN TECHNOLOGY SERVICE✓								94262✓
JAN IT SUPT		1/1/2021✓	N	N			1/20/2021✓	1/1/2021	\$0.00
1/21/2021✓				N					\$3,722.50✓
3	BABCOCK E S SONS INC / BABCOCK, E S & SONS, INV✓								CL02201-0267✓
WTR ANALYSES		12/28/2020✓	N	N			1/27/2021✓	12/28/2020	\$0.00
1/21/2021✓				N					\$84.00✓
4	BABCOCK E S SONS INC / BABCOCK, E S & SONS, INV✓								CL02202-0267✓
WTR ANALYSES		12/28/2020✓	N	N			1/27/2021✓	12/28/2020	\$0.00
1/21/2021✓				N					\$420.00✓
5	BABCOCK E S SONS INC / BABCOCK, E S & SONS, INV✓								CL02483-0267✓
WTR ANALYSES		12/30/2020✓	N	N			1/29/2021✓	12/30/2020	\$0.00
1/21/2021✓				N					\$820.00✓
6	BABCOCK E S SONS INC / BABCOCK, E S & SONS, INV✓								CL02464-0267✓
WTR ANALYSES		12/30/2020✓	N	N			1/29/2021✓	12/30/2020	\$0.00
1/21/2021✓				N					\$100.00✓
7	BABCOCK E S SONS INC / BABCOCK, E S & SONS, INV✓								CA10073-0267✓
WTR ANALYSES		1/4/2021✓	N	N			2/3/2021✓	1/4/2021	\$0.00
1/21/2021✓				N					\$148.00✓
8	BABCOCK E S SONS INC / BABCOCK, E S & SONS, INV✓								CA10077-0267✓
WTR ANALYSES		1/4/2021✓	N	N			2/3/2021✓	1/4/2021	\$0.00
1/21/2021✓				N					\$42.00✓
9	BABCOCK E S SONS INC / BABCOCK, E S & SONS, INV✓								CA10087-0267✓
WTR ANALYSES		1/4/2021✓	N	N			2/3/2021✓	1/4/2021	\$0.00
1/21/2021✓				N					\$96.00✓
10	BABCOCK E S SONS INC / BABCOCK, E S & SONS, INV✓								CA10090-0267✓
WTR ANALYSES		1/4/2021✓	N	N			2/3/2021✓	1/4/2021	\$0.00
1/21/2021✓				N					\$105.00✓
11	BABCOCK E S SONS INC / BABCOCK, E S & SONS, INV✓								CA10093-0267✓
WTR ANALYSES		1/4/2021✓	N	N			2/3/2021✓	1/4/2021	\$0.00
1/21/2021✓				N					\$630.00✓
12	BOOT BARN / BOOT BARN✓								INV00082993✓
BOOTS - THIEME		12/22/2020✓	N	N			1/21/2021✓	12/22/2020	\$0.00
1/21/2021✓				N					\$160.38✓
13	BOOT BARN / BOOT BARN✓								INV00083526✓
BOOTS - AGUILERA		12/29/2020✓	N	N			1/28/2021✓	12/29/2020	\$0.00
1/21/2021✓				N					\$171.81✓
14	CARQUEST AUTO PARTS / CARQUEST AUTO PARTS✓								7456-454928✓
SUPPLIES		12/17/2020✓	N	N			1/16/2021✓	12/17/2020	\$0.00
1/21/2021✓				N					\$3.76✓
15	CARQUEST AUTO PARTS / CARQUEST AUTO PARTS✓								7456-456185✓
R&M EQUIP		1/7/2021✓	N	N			2/6/2021✓	1/7/2021	\$0.00
1/21/2021✓				N					\$210.10✓
16	CROWN ACE HARDWARE / CROWN ACE HARDWARE✓								081951✓
SAW BLADES		12/31/2020✓	N	N			1/30/2021✓	12/31/2020	\$0.00
1/21/2021✓				N					\$17.76✓
17	CROWN ACE HARDWARE / CROWN ACE HARDWARE✓								081976✓
SUPPLIES		1/6/2021✓	N	N			2/5/2021✓	1/6/2021	\$0.00
1/21/2021✓				N					\$18.30✓

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GL Date		Immediate GL Account		Credit Card	CC Reference #	Payment Date		Discount
								Total Invoice
18	CROWN ACE HARDWARE / CROWN ACE HARDWARE ✓							081978✓
TOOLS		1/7/2021 ✓	N	N			2/6/2021 ✓	\$0.00
1/21/2021✓			N					\$14.20✓
19	CROWN ACE HARDWARE / CROWN ACE HARDWARE ✓							081982✓
R&M WTR		1/7/2021 ✓	N	N			2/6/2021 ✓	\$0.00
1/21/2021✓			N					\$16.13✓
20	DIG SAFE / DIG SAFE C/O UNDERGROUND SVC ALEF ✓							DSB20196128✓
DIG SAFE 11/1/20		11/1/2020 ✓	N	N			12/1/2020 ✓	\$0.00
1/27/2021✓			N					\$36.26✓
21	DIG SAFE / DIG SAFE C/O UNDERGROUND SVC ALEF ✓							DSB20197394✓
DIG SAFE 1/1/21		1/1/2021 ✓	N	N			1/31/2021 ✓	\$0.00
1/21/2021✓			N					\$36.26✓
22	ELROD / ELROD FENCE CO. INC ✓							13T✓
FENCE RPRS		1/5/2021 ✓	N	N			2/4/2021 ✓	\$0.00
1/21/2021✓			N					\$1,816.00✓
23	ESTRADA / ESTRADA, STEVE ✓							13503210-14✓
RFND OVERPYMT		1/5/2021 ✓	N	N			2/4/2021 ✓	\$0.00
1/21/2021✓			N					\$200.00✓
24	HACH CO. / HACH COMPANY ✓							12263163✓
CHEMICALS		12/30/2020 ✓	N	N			1/29/2021 ✓	\$0.00
1/21/2021✓			N					\$578.57✓
25	HARRINGTON INDUSTRIAL / HARRINGTON INDUSTRI ✓							012K8796✓
PVC PARTS		1/6/2021 ✓	N	N			2/5/2021 ✓	\$0.00
1/21/2021✓			N					\$96.29✓
26	HOME DEPOT / HOME DEPOT CREDIT SERVICES ✓							008608/4513412✓
SUPPLIES/TOOLS		1/8/2021 ✓	N	N			2/7/2021 ✓	\$0.00
1/21/2021✓			N					\$484.69✓
27	HOUSTON HARRIS / HOUSTON & HARRIS PCS, INC. ✓							20-23264✓
HYDRO-WASH		12/29/2020 ✓	N	N			1/28/2021 ✓	\$0.00
1/21/2021✓			N					\$7,338.75✓
28	HOUSTON HARRIS / HOUSTON & HARRIS PCS, INC. ✓							20-23281✓
HYDRO-WASH		12/31/2020 ✓	N	N			1/30/2021 ✓	\$0.00
1/21/2021✓			N					\$3,522.50✓
29	INFOSEND / INFOSEND, INC ✓							183401✓
SYS OPS II MAILING		12/31/2020 ✓	N	N			1/30/2021 ✓	\$0.00
1/21/2021✓			N					\$1,002.29✓
30	INSTOCK / INSTOCK SUPPLY INC ✓							4113✓
PARTS		1/6/2021 ✓	N	N			2/5/2021 ✓	\$0.00
1/21/2021✓			N					\$18.86✓
31	KH METALS / KH METALS & SUPPLY ✓							0546214-IN✓
STEEL PIPE		1/6/2021 ✓	N	N			2/5/2021 ✓	\$0.00
1/21/2021✓			N					\$158.23✓
32	LAWNMOWER CENTER / LAWNMOWER CENTER ✓							13880✓
R&M EQUIP		1/5/2021 ✓	N	N			2/4/2021 ✓	\$0.00
1/21/2021✓			N					\$211.72✓
33	MERIT OIL / MERIT OIL COMPANY ✓							621915✓
DIESEL FUEL		12/29/2020 ✓	N	N			1/13/2021 ✓	\$0.00
1/21/2021✓			N					\$321.35✓
34	MERIT OIL / MERIT OIL COMPANY ✓							621929✓
DIESEL FUEL		12/29/2020 ✓	N	N			1/13/2021 ✓	\$0.00
1/21/2021✓			N					\$330.27✓

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PO Number		Inv Date	Paid Out	Immediate	Check #		Due Date	Discount Date	Discount
GL Date			Immediate GL Account		Credit Card	CC Reference #		Payment Date	Total Invoice
35	MERIT OIL / MERIT OIL COMPANY ✓								621808 ✓
GASOLINE		12/30/2020 ✓	N	N					\$0.00
1/21/2021 ✓				N					\$507.87 ✓
36	MERIT OIL / MERIT OIL COMPANY ✓								622896 ✓
GASOLINE		1/6/2021 ✓	N	N					\$0.00
1/21/2021 ✓				N					\$946.63 ✓
37	RCSD PETTY CASH / RCSD ✓								20210108 ✓
PETTY CASH REIMBURSE		1/8/2021 ✓	N	N					\$0.00
1/21/2021 ✓				N					\$165.93 ✓
38	PI PROPERTIES / P.I. PROPERTIES NO 87 LLC ✓								15020670-03 ✓
RFND OVRPYMT		1/5/2021 ✓	N	N					\$0.00
1/21/2021 ✓				N					\$175.29 ✓
39	R&D MECHANICAL / R&D MECHANICAL SUPPLY, INC ✓								I1004371 ✓
PARTS		1/5/2021 ✓	N	N					\$0.00
1/21/2021 ✓				N					\$1,288.69 ✓
40	R&D MECHANICAL / R&D MECHANICAL SUPPLY, INC ✓								I1004372 ✓
BUSHINGS		1/5/2021 ✓	N	N					\$0.00
1/21/2021 ✓				N					\$516.56 ✓
41	R&D MECHANICAL / R&D MECHANICAL SUPPLY, INC ✓								I1004373 ✓
FLANGE		1/5/2021 ✓	N	N					\$0.00
1/21/2021 ✓				N					\$108.75 ✓
42	RELIABLE / RELIABLE WORKPLACE SOLUTIONS ✓								AR97555 ✓
COPIER USG		12/29/2020 ✓	N	N					\$0.00
1/21/2021 ✓				N					\$177.31 ✓
43	RELIABLE / RELIABLE WORKPLACE SOLUTIONS ✓								AR97556 ✓
PRINTER USG		12/29/2020 ✓	N	N					\$0.00
1/21/2021 ✓				N					\$11.47 ✓
44	RELIABLE / RELIABLE WORKPLACE SOLUTIONS ✓								AR97557 ✓
PRINTER USG		12/29/2020 ✓	N	N					\$0.00
1/21/2021 ✓				N					\$0.66 ✓
45	SOCIETY / SOCIETY FOR HUMAN RESOURCE MGMT ✓								SO912964 ✓
SUBS 4/21-3/22		12/18/2020 ✓	N	N					\$0.00
1/21/2021 ✓				N					\$219.00 ✓
46	SCG / SCG ✓								21J17882256005 ✓
MAIN OFC UTLTY		1/4/2021 ✓	N	N					\$0.00
1/21/2021 ✓				N					\$138.78 ✓
47	SCG / SCG ✓								21J01302181001 ✓
FLD OFC UTLTY		1/4/2021 ✓	N	N					\$0.00
1/21/2021 ✓				N					\$26.38 ✓
48	SCG / SCG ✓								21J05925730565.A ✓
FIRE STN UTLTY		1/4/2021 ✓	N	N					\$0.00
1/21/2021 ✓				N					\$351.73 ✓
49	SHRED-IT / SHRED-IT USA ✓								8181149373 ✓
SHREDDING		12/31/2020 ✓	N	N					\$0.00
1/21/2021 ✓				N					\$93.361 ✓
50	SOCAL TRUCK / SOCAL TRUCKWORKS ✓								10180 ✓
R&M TRUCK		1/5/2021 ✓	N	N					\$0.00
1/21/2021 ✓				N					\$305.61 ✓
51	SPECTRUM / SPECTRUM BUSINESS ✓								0914404010621 ✓
INTERNET 1/6-2/5		1/6/2021 ✓	N	N					\$0.00
1/21/2021 ✓				N					\$443.94 ✓

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Tr. #	Vendor	Credit Card Vendor					Due Date	Discount Date	Payment Date	Invoice #	Discount
		PO Number	Inv Date	Paid Out	Immediate	Check #	Credit Card	CC Reference #			
GL Date		Immediate GL Account									
52	THERMAL COOL / THERMAL-COOL, INC.	✓								WO-0017724 ✓	
R&M HVAC		11/18/2020 ✓	N	N						\$0.00	
1/21/2021 ✓			N							\$675.46 ✓	
53	THERMAL COOL / THERMAL-COOL, INC.	✓								WO-0017781 ✓	
R&M HVAC		12/1/2020 ✓	N	N						\$0.00	
1/21/2021 ✓			N							\$455.16 ✓	
54	VERIZON WIRELESS / VERIZON WIRELESS ✓									9870263187 ✓	
CELL PHN CHGS		1/1/2021 ✓	N	N						\$0.00	
1/21/2021 ✓			N							\$383.45 ✓	
55	STREAMLINE_DIGITAL / STREAMLINE ✓									B89E97D4-0002 ✓	
WEBSITE JAN		1/1/2021 ✓	N	N						\$0.00	
1/21/2021 ✓			N							\$400.00 ✓	
56	UNDERGROUND SERVICE ALERT / UNDERGROUND ✓									1020200571 ✓	
DIG ALERTS	11/1/20	11/1/2020 ✓	N	N						\$0.00	
1/21/2021 ✓			N							\$97.45 ✓	
57	UNDERGROUND SERVICE ALERT / UNDERGROUND ✓									1220200570 ✓	
DIG ALERTS		1/1/2021 ✓	N	N						\$0.00	
1/21/2021 ✓			N							\$127.15 ✓	
58	UPS / UNITED PARCEL SERVICE ✓									0000F908W2011 ✓	
POSTAGE		1/2/2021 ✓	N	N						\$0.00	
1/21/2021 ✓			N							\$14.74 ✓	
59	VARNER / VARNER & BRANDT LLP ✓									21J18872M ✓	
LGL SVCS		12/31/2020 ✓	N	N						\$0.00	
1/21/2021 ✓			N							\$1,515.00 ✓	
60	WESTERN MUNICIPAL WATER / WESTERN MUNICIPA ✓									IN12658 ✓	
NOV '20 BRINE		12/30/2020 ✓	N	N						\$0.00	
1/21/2021 ✓			N							\$150.00 ✓	
61	WESTERN MUNICIPAL WATER / WESTERN MUNICIPA ✓									RI3770 ✓	
JAN 21 BRINE FIXED		1/1/2021 ✓	N	N						\$0.00	
1/21/2021 ✓			N							\$749.94 ✓	
62	AIRGAS / AIRGAS USA, LLC ✓									9976661264 ✓	
TNK RNTL		12/31/2020 ✓	N	N						\$0.00	
1/21/2021 ✓			N							\$158.54 ✓	
63	AQUA METRIC SALES / AQUA METRIC SALES CO ✓									INV0080603 ✓	
3/4" MTRS		1/7/2021 ✓	N	N						\$0.00	
1/21/2021 ✓			N							\$13,037.75 ✓	
64	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓									CA10491-0267 ✓	
WTR ANALYSES		1/8/2021 ✓	N	N						\$0.00	
1/21/2021 ✓			N							\$96.00 ✓	
65	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓									CA10494-0267 ✓	
WTR ANALYSES		1/8/2021 ✓	N	N						\$0.00	
1/21/2021 ✓			N							\$148.00 ✓	
66	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN ✓									CA10497-0267 ✓	
WTR ANALYSES		1/8/2021 ✓	N	N						\$0.00	
1/21/2021 ✓			N							\$105.00 ✓	
67	BRINKS / BRINKS INC. ✓									11424280 ✓	
JAN ARMOR SVC		1/1/2021 ✓	N	N						\$0.00	
1/21/2021 ✓			N							\$891.50 ✓	
68	BPS B'S POOL SUPPLIES / B.P.S. B's POOL SUPPLIES ✓									106407 ✓	
SODIUM HYPO		1/7/2021 ✓	N	N						\$0.00	
1/21/2021 ✓			N							\$936.27 ✓	

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GL Date	Immediate GL Account			Credit Card	CC Reference #	Payment Date	Total Invoice
69	CORELOGIC / CORELOGIC, INC.						82060764 ✓
DEC ONLINE SVC	12/31/2020 ✓	N	N		1/30/2021 ✓	12/31/2020	\$0.00
1/21/2021 ✓			N				\$178.75 ✓
70	EAGLE / EAGLE ROAD SVC & TIRE ✓						1-174724 ✓
R&M TRK	1/11/2021 ✓	N	N		2/10/2021 ✓	1/11/2021	\$0.00
1/21/2021 ✓			N				\$32.05 ✓
71	EAGLE / EAGLE ROAD SVC & TIRE ✓						1-174725 ✓
R&M TRK	1/11/2021 ✓	N	N		2/10/2021 ✓	1/11/2021	\$0.00
1/21/2021 ✓			N				\$32.63 ✓
72	HACH CO. / HACH COMPANY ✓						12269019 ✓
CHLORINE RGNT	1/4/2021 ✓	N	N		2/3/2021 ✓	1/4/2021	\$0.00
1/21/2021 ✓			N				\$289.29 ✓
73	HARPER BURNS LLP / HARPER & BURNS LLP ✓						20210101.A ✓
DEC LGL SVCS	1/1/2021 ✓	N	N		1/31/2021 ✓	1/1/2021	\$0.00
1/21/2021 ✓			N				\$2,321.25 ✓
74	HARPER BURNS LLP / HARPER & BURNS LLP ✓						20210101.B ✓
CITY RVSD LTGN	1/1/2021 ✓	N	N		1/31/2021 ✓	1/1/2021	\$0.00
1/21/2021 ✓			N				\$36.25 ✓
75	HOUSTON HARRIS / HOUSTON & HARRIS PCS, INC. ✓						21-23299 ✓
HYDRO-WSH	1/11/2021 ✓	N	N		2/10/2021 ✓	1/11/2021	\$0.00
1/21/2021 ✓			N				\$2,502.00 ✓
76	INLAND DESERT SECURITY / INLAND DESERT SECU ✓						201200636101 ✓
CALL FWD	1/15/2021 ✓	N	N		2/14/2021 ✓	1/15/2021	\$0.00
1/21/2021 ✓			N				\$47.00 ✓
77	J THAYER / J THAYER COMPANY, INC ✓						1499695-0 ✓
SUPPLIES	1/6/2021 ✓	N	N		2/5/2021 ✓	1/6/2021	\$0.00
1/21/2021 ✓			N				\$209.53 ✓
78	KUMA TIRE / KUMA TIRE & WHEEL ✓						125994 ✓
R&M TRK	1/9/2021 ✓	N	N		2/8/2021 ✓	1/9/2021	\$0.00
1/21/2021 ✓			N				\$410.63 ✓
79	MCMASTER-CARR / McMMASTER-CARR SUPPLY CO ✓						51145169 ✓
TEST CONTAINERS	1/7/2021 ✓	N	N		2/6/2021 ✓	1/7/2021	\$0.00
1/21/2021 ✓			N				\$25.99 ✓
80	MUNKSGAARD DBA CENTER ELECT / MUNKSGAARD ✓						9700 ✓
R&M HUNTER TNK	12/28/2020 ✓	N	N		1/27/2021 ✓	12/28/2020	\$0.00
1/21/2021 ✓			N				\$2,847.28 ✓
81	MUNKSGAARD DBA CENTER ELECT / MUNKSGAARD ✓						9701 ✓
R&M GLDNWST BOOST	12/28/2020 ✓	N	N		1/27/2021 ✓	12/28/2020	\$0.00
1/21/2021 ✓			N				\$585.00 ✓
82	MUNKSGAARD DBA CENTER ELECT / MUNKSGAARD ✓						9702 ✓
R&M PERRONE	12/28/2020 ✓	N	N		1/27/2021 ✓	12/28/2020	\$0.00
1/21/2021 ✓			N				\$910.00 ✓
83	MUNKSGAARD DBA CENTER-ELECT / MUNKSGAARD ✓						9703 ✓
R&M GLDN WST BOOST	12/28/2020 ✓	N	N		1/27/2021 ✓	12/28/2020	\$0.00
1/21/2021 ✓			N				\$195.00 ✓
84	MUNKSGAARD DBA CENTER ELECT / MUNKSGAARD ✓						9704 ✓
R&M OFC	12/28/2020 ✓	N	N		1/27/2021 ✓	12/28/2020	\$0.00
1/21/2021 ✓			N				\$975.00 ✓
85	MUNKSGAARD DBA CENTER ELECT / MUNKSGAARD ✓						9705 ✓
R&M EXMOOR LFT	12/28/2020 ✓	N	N		1/27/2021 ✓	12/28/2020	\$0.00
1/21/2021 ✓			N				\$390.00 ✓

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GL Date		Immediate GL Account			Credit Card	CC Reference #			
86	MUNKSGAARD DBA CENTER ELECT / MUNKSGAARD ✓								9706 ✓
R&M MSSN BOOST		12/28/2020 ✓	N	N			1/27/2021 ✓	12/28/2020	\$0.00
1/21/2021 ✓			N						\$1,105.00 ✓
87	QUADIENT / QUADIENT LEASING USA, INC. ✓								INV16423100 ✓
PSTG MTR INK		1/3/2021 ✓	N	N			2/1/2021 ✓	1/3/2021	\$0.00
1/21/2021 ✓			N						\$182.87 ✓
88	RIVERSIDE CLEANING SYSTEMS / RIVERSIDE CLEAN ✓								434 ✓
CLNG SVC		1/8/2021 ✓	N	N			2/7/2021 ✓	1/8/2021	\$0.00
1/21/2021 ✓			N						\$798.00 ✓
89	SCE / SCE ✓								21J2011970662 ✓
STREETLIGHTS		1/8/2021 ✓	N	N			1/27/2021 ✓	1/8/2021	\$0.00
1/21/2021 ✓			N						\$11,066.62 ✓
90	SCE / SCE ✓								21J2036525640.A ✓
MAIN OFC UTLTY		1/12/2021 ✓	N	N			2/1/2021 ✓	1/12/2021	\$0.00
1/21/2021 ✓			N						\$841.17 ✓
91	SCE / SCE ✓								21J2283710317.A ✓
FIRE STN UTLTY		1/12/2021 ✓	N	N			2/1/2021 ✓	1/12/2021	\$0.00
1/21/2021 ✓			N						\$1,225.13 ✓
92	BURRTEC / BURRTEC WASTE INDUSTRIES, INC. ✓								N0818863663 ✓
DEC '20 SWR DISPL		12/31/2020 ✓	N	N			1/30/2021 ✓	12/31/2020	\$0.00
1/21/2021 ✓			N						\$335.72 ✓
93	EAGLE / EAGLE ROAD SVC & TIRE ✓								1-GS174835 ✓
R&M TRK		1/13/2021 ✓	N	N			2/12/2021 ✓	1/13/2021	\$0.00
1/21/2021 ✓			N						\$179.73 ✓
94	J THAYER / J THAYER COMPANY, INC. ✓								1500878-0 ✓
SUPPLIES		1/12/2021 ✓	N	N			2/11/2021 ✓	1/12/2021	\$0.00
1/21/2021 ✓			N						\$190.95 ✓
95	KRIEGER & STEWART / KRIEGER & STEWART, INC. ✓								45168 ✓
WSTEWTR CNSLT		1/13/2021 ✓	N	N			2/12/2021 ✓	1/13/2021	\$0.00
1/21/2021 ✓			N						\$1,151.00 ✓
96	KRIEGER & STEWART / KRIEGER & STEWART, INC. ✓								45169 ✓
PRETRMT		1/13/2021 ✓	N	N			2/12/2021 ✓	1/13/2021	\$0.00
1/21/2021 ✓			N						\$4,726.44 ✓
97	KRIEGER & STEWART / KRIEGER & STEWART, INC. ✓								45170 ✓
WTR CNSLT		1/13/2021 ✓	N	N			2/12/2021 ✓	1/13/2021	\$0.00
1/21/2021 ✓			N						\$2,958.75 ✓
98	MASTER'S / MASTER'S SERVICES (GLACIER) ✓								0000000143435 ✓
BTL WTR		1/13/2021 ✓	N	N			2/12/2021 ✓	1/13/2021	\$0.00
1/21/2021 ✓			N						\$76.45 ✓
99	RUHNAU / RUHNAU CLARKE ARCHITECTS ✓								13759 ✓
BLDG FESBLTY		12/31/2020 ✓	N	N			1/30/2021 ✓	12/31/2020	\$0.00
1/21/2021 ✓			N						\$8,302.50 ✓
100	SO CAL NEWS / SO CAL NEWS GRP DBA: PRESS-EN1 ✓								0011426051 ✓
BID ADV ION EXCHNG		12/31/2020 ✓	N	N			1/30/2021 ✓	12/31/2020	\$0.00
1/21/2021 ✓			N						\$1,460.00 ✓
101	TKE ENGINEERING / TKE ENGINEERING, INC. ✓								2020-479 ✓
ANNX SVC AREAS		12/10/2020 ✓	N	N			12/10/2020 ✓	12/10/2020	\$0.00
1/21/2021 ✓			N						\$2,750.00 ✓
102	TKE ENGINEERING / TKE ENGINEERING, INC. ✓								2020-734 ✓
AGUA MANSA PRK		12/30/2020 ✓	N	N			12/30/2020 ✓	12/30/2020	\$0.00
1/21/2021 ✓			N						\$1,050.00 ✓

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		PO Number	Inv Date	Paid Out	Immediate	Check #	Credit Card	Due Date	Discount Date	Payment Date
GL Date		Immediate GL Account								
103	TKE ENGINEERING / TKE ENGINEERING, INC.									2020-736✓
NO3 VSSL INSTL		12/30/2020 ✓	N	N				12/30/2020 ✓	12/30/2020	\$0.00
1/21/2021✓				N						\$560.00 ✓
104	TKE ENGINEERING / TKE ENGINEERING, INC.									2020-737 ✓
PHASE 1 ENVIRO		12/10/2020 ✓	N	N				12/10/2020 ✓	12/10/2020	\$0.00
1/21/2021✓				N						\$3,900.00 ✓
105	TKE ENGINEERING / TKE ENGINEERING, INC.									2020-738 ✓
H PRK_SHDW RCK		12/10/2020 ✓	N	N				12/10/2020 ✓	12/10/2020	\$0.00
1/21/2021✓				N						\$25,243.28 ✓
106	TKE ENGINEERING / TKE ENGINEERING, INC.									2020-739 ✓
1360' PRESS ZN		12/10/2020 ✓	N	N				12/10/2020 ✓	12/10/2020	\$0.00
1/21/2021✓				N						\$6,995.00 ✓
107	TKE ENGINEERING / TKE ENGINEERING, INC.									2020-793 ✓
ANNX SVC AREAS		12/10/2020 ✓	N	N				12/10/2020 ✓	12/10/2020	\$0.00
1/21/2021✓				N						\$8,747.50 ✓
108	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC									1230_011221.A ✓
COMM TRSH 12/30-1/12		1/13/2021✓	N	N				2/12/2021 ✓	1/13/2021	\$0.00
1/21/2021✓				N						\$38,229.97 ✓
109	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC									1230_011221.B ✓
RES TRSH 12/30-01/12		1/13/2021✓	N	N				2/12/2021 ✓	1/13/2021	\$0.00
1/21/2021✓				N						\$161,600.65 ✓
110	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC									1230_011221.C ✓
RCSD SHR COMM		1/13/2021✓	N	N				2/12/2021 ✓	1/13/2021	\$0.00
1/21/2021✓				N						(\$3,823.00) ✓
111	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC									1230_011221.D ✓
RCSD SHR RES		1/13/2021✓	N	N				2/12/2021 ✓	1/13/2021	\$0.00
1/21/2021✓				N						(\$958.97) ✓

Grand Totals

Total Direct Expense:	\$310,978.61
Total Direct Expense Adj:	(\$4,781.97) <u>①</u>
Total Non-Electronic Transactions:	\$306,196.64 <u>②</u>

Report Summary

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

① \$4,781.97

4,781.97 Tri-66

0.00

② \$306,196.64

314,881.12

8,684.48

MM
1-14-21

2,287.28 Colonial

255.00 Union

2,427.48 SDRMA

2,679.00 Standard

1,035.72 VSP

8,684.48

0.00

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

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

Water and Wastewater Production Comparison

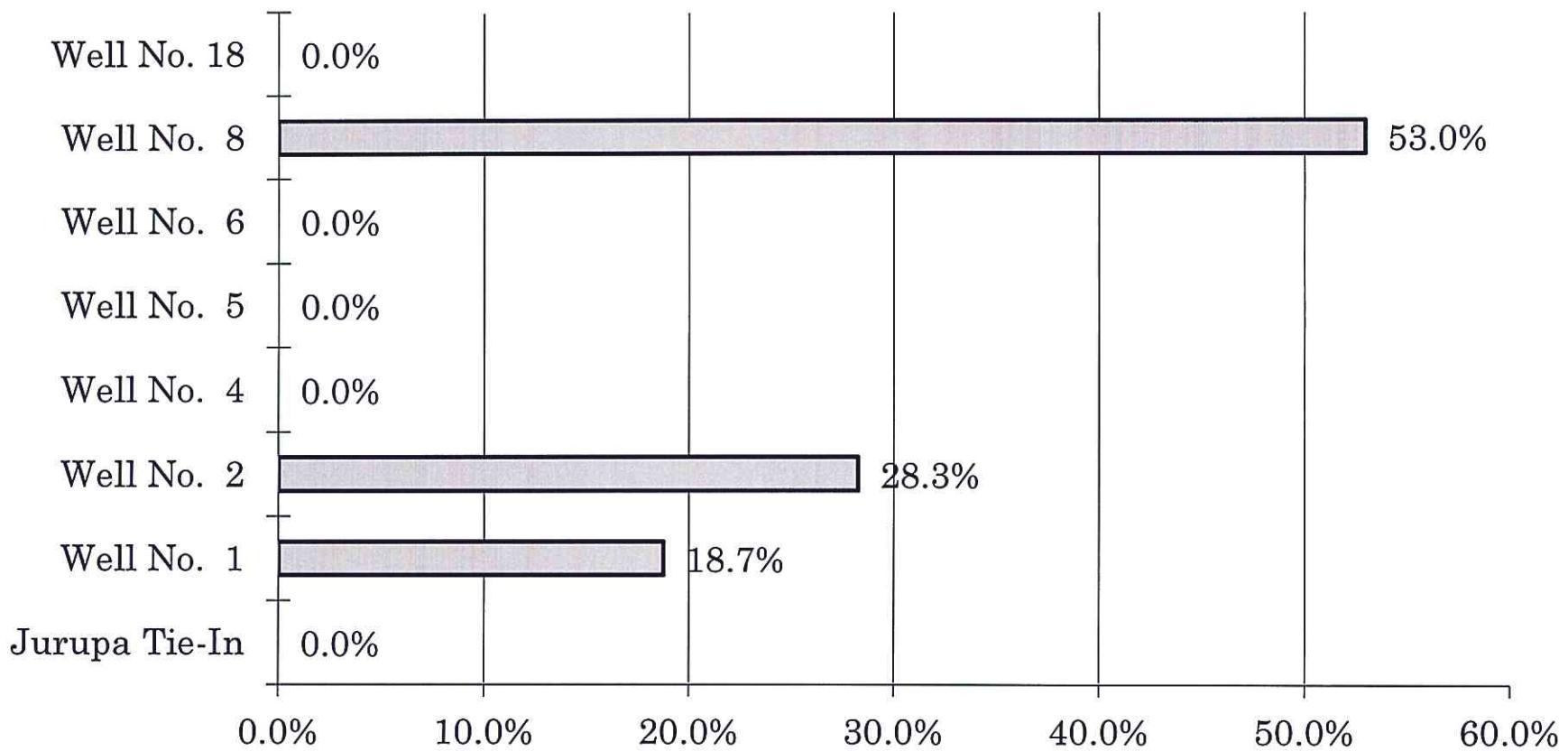
Date	Purchased	TOTAL WELL PRODUCTION in Million Gallons				(Million Gallons)	(Million Gallons)	WASTEWATER FLOW TO RIVERSIDE
		Potable Wells	Potable Total	Non-Potable Wells	Total			
12/01/2020	0.00	4.13	4.13	0.47	4.60	0.00	1.72	
12/02/2020	0.00	4.30	4.30	0.10	4.40	0.00	1.70	
12/03/2020	0.00	5.17	5.17	0.36	5.53	0.00	1.71	
12/04/2020	0.00	6.37	6.37	0.50	6.87	0.00	1.70	
12/05/2020	0.00	4.16	4.16	0.01	4.17	0.00	1.70	
12/06/2020	0.00	3.83	3.83	0.02	3.85	0.00	1.71	
12/07/2020	0.00	3.89	3.89	0.40	4.30	0.00	1.65	
12/08/2020	0.00	3.74	3.74	0.45	4.20	0.00	1.75	
12/09/2020	0.00	4.57	4.57	0.01	4.58	0.00	1.68	
12/10/2020	0.00	3.45	3.45	1.18	4.63	0.00	1.67	
12/11/2020	0.00	3.91	3.91	0.44	4.35	0.00	1.64	
12/12/2020	0.00	4.14	4.14	0.01	4.15	0.00	1.61	
12/13/2020	0.00	3.02	3.02	0.43	3.44	0.00	1.74	
12/14/2020	0.00	3.38	3.38	0.01	3.40	0.00	1.67	
12/15/2020	0.00	3.37	3.37	1.12	4.49	0.00	1.70	
12/16/2020	0.00	4.35	4.35	0.01	4.36	0.00	1.69	
12/17/2020	0.00	3.25	3.25	0.43	3.67	0.00	1.73	
12/18/2020	0.00	4.38	4.38	0.01	4.39	0.00	1.60	
12/19/2020	0.00	3.89	3.89	1.21	5.10	0.00	1.68	
12/20/2020	0.00	4.06	4.06	0.07	4.13	0.00	1.66	
12/21/2020	0.00	3.92	3.92	0.46	4.38	0.00	1.68	
12/22/2020	0.00	4.01	4.01	0.05	4.06	0.00	1.72	
12/23/2020	0.00	3.45	3.45	0.01	3.46	0.00	1.68	
12/24/2020	0.00	4.04	4.04	0.43	4.47	0.00	1.72	
12/25/2020	0.00	3.26	3.26	0.14	3.40	0.00	1.58	
12/26/2020	0.00	4.14	4.14	0.36	4.50	0.00	1.64	
12/27/2020	0.00	3.22	3.22	0.07	3.30	0.00	1.71	
12/28/2020	0.00	3.82	3.82	0.01	3.83	0.00	1.97	
12/29/2020	0.00	2.26	2.26	0.01	2.27	0.00	1.72	
12/30/2020	0.00	3.01	3.01	0.01	3.02	0.00	1.63	
12/31/2020	0.00	2.84	2.84	0.01	2.84	0.00	1.71	
MINIMUM	0.00	2.26	2.26	0.01	2.27	0.00	1.58	
AVERAGE	0.00	3.85	3.85	0.28	4.13	0.00	1.69	
MAXIMUM	0.00	6.37	6.37	1.21	6.87	0.00	1.97	
TOTAL	0.00	119.34	119.34	8.80	128.14	0.00	52.46	

RUBIDOUX COMMUNITY SERVICES DISTRICT
MONTHLY WELL PRODUCTION
(Million Gallons)

DATE	POTABLE WATER							NONPOTABLE WATER					TOTALS			
	JURUPA TIE-IN (MG)	MN Rmvl Plt #1 Well #1A (MG)	GAC Plt TROYER Well #2 (MG)	Nitrate Removal Plt FLT Well #4 (MG)	SKOTTY Well #6 (MG)	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)	TOTAL PROD. (MG)
12/01/2020	0.00	0.81	1.35	0.00	0.00	0.00	1.97	0.00	0.05	0.00	0.41	0.00	0.02	4.13	0.47	4.60
12/02/2020	0.00	1.41	0.84	0.00	0.00	0.00	2.06	0.00	0.00	0.00	0.08	0.00	0.02	4.30	0.10	4.40
12/03/2020	0.00	1.92	1.18	0.00	0.00	0.00	2.06	0.00	0.00	0.00	0.34	0.00	0.02	5.17	0.36	5.53
12/04/2020	0.00	2.56	1.24	0.00	0.00	0.00	2.57	0.00	0.00	0.00	0.49	0.00	0.01	6.37	0.50	6.87
12/05/2020	0.00	1.45	1.19	0.00	0.00	0.00	1.51	0.00	0.00	0.00	0.00	0.00	0.01	4.16	0.01	4.17
12/06/2020	0.00	0.37	1.25	0.00	0.00	0.00	2.20	0.00	0.00	0.00	0.00	0.00	0.02	3.83	0.02	3.85
12/07/2020	0.00	0.79	1.16	0.00	0.00	0.00	1.95	0.00	0.00	0.00	0.39	0.00	0.01	3.89	0.40	4.30
Subtotal	0.00	9.31	8.21	0.00	0.00	0.00	14.32	0.00	0.05	0.00	1.71	0.00	0.10	31.84	1.86	33.71
12/08/2020	0.00	0.63	1.18	0.00	0.00	0.00	1.94	0.00	0.00	0.00	0.44	0.00	0.01	3.74	0.45	4.20
12/09/2020	0.00	1.43	1.11	0.00	0.00	0.00	2.03	0.00	0.00	0.00	0.00	0.00	0.01	4.57	0.01	4.58
12/10/2020	0.00	0.79	0.62	0.00	0.00	0.00	2.04	0.00	0.77	0.00	0.40	0.00	0.01	3.45	1.18	4.63
12/11/2020	0.00	0.79	1.07	0.00	0.00	0.00	2.04	0.00	0.00	0.00	0.43	0.00	0.01	3.91	0.44	4.35
12/12/2020	0.00	0.84	1.16	0.00	0.00	0.00	2.14	0.00	0.00	0.00	0.00	0.00	0.01	4.14	0.01	4.15
12/13/2020	0.00	0.10	1.06	0.00	0.00	0.00	1.86	0.00	0.00	0.00	0.42	0.00	0.01	3.02	0.43	3.44
12/14/2020	0.00	0.00	1.21	0.00	0.00	0.00	2.18	0.00	0.00	0.00	0.00	0.00	0.01	3.38	0.01	3.40
Subtotal	0.00	4.57	7.42	0.00	0.00	0.00	14.23	0.00	0.77	0.00	1.69	0.00	0.09	26.22	2.54	28.76
12/15/2020	0.00	0.00	1.16	0.00	0.00	0.00	2.21	0.00	0.77	0.00	0.34	0.00	0.01	3.37	1.12	4.49
12/16/2020	0.00	1.41	1.03	0.00	0.00	0.00	1.92	0.00	0.00	0.00	0.00	0.00	0.01	4.35	0.01	4.36
12/17/2020	0.00	0.00	1.16	0.00	0.00	0.00	2.09	0.00	0.00	0.00	0.41	0.00	0.01	3.25	0.43	3.67
12/18/2020	0.00	1.12	1.16	0.00	0.00	0.00	2.11	0.00	0.00	0.00	0.00	0.00	0.01	4.38	0.01	4.39
12/19/2020	0.00	0.05	1.37	0.00	0.00	0.00	2.48	0.00	0.77	0.00	0.42	0.00	0.02	3.89	1.21	5.10
12/20/2020	0.00	1.21	1.05	0.00	0.00	0.00	1.81	0.00	0.00	0.00	0.06	0.00	0.01	4.06	0.07	4.13
12/21/2020	0.00	1.09	1.00	0.00	0.00	0.00	1.84	0.00	0.00	0.00	0.44	0.00	0.01	3.92	0.46	4.38
Subtotal	0.00	4.86	7.91	0.00	0.00	0.00	14.45	0.00	1.58	0.00	1.68	0.00	0.09	27.22	8.30	30.52
12/22/2020	0.00	0.83	1.12	0.00	0.00	0.00	2.06	0.00	0.00	0.00	0.08	0.00	0.02	4.01	0.05	4.06
12/23/2020	0.00	0.12	1.20	0.00	0.00	0.00	2.13	0.00	0.00	0.00	0.00	0.00	0.01	3.45	0.01	3.46
12/24/2020	0.00	0.65	1.22	0.00	0.00	0.00	2.17	0.00	0.00	0.00	0.42	0.00	0.01	4.04	0.43	4.47
12/25/2020	0.00	0.30	1.06	0.00	0.00	0.00	1.90	0.00	0.00	0.00	0.13	0.00	0.01	3.26	0.14	3.40
12/26/2020	0.00	0.97	1.12	0.00	0.00	0.00	2.04	0.00	0.00	0.00	0.35	0.00	0.01	4.14	0.36	4.50
12/27/2020	0.00	0.00	1.18	0.00	0.00	0.00	2.05	0.00	0.00	0.00	0.06	0.00	0.01	3.22	0.07	3.30
12/28/2020	0.00	0.75	1.05	0.00	0.00	0.00	2.03	0.00	0.00	0.00	0.00	0.00	0.01	3.82	0.01	3.83
12/29/2020	0.00	0.00	0.26	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.01	2.26	0.01	2.27
12/30/2020	0.00	0.00	1.00	0.00	0.00	0.00	2.01	0.00	0.00	0.00	0.00	0.00	0.01	3.01	0.01	3.02
12/31/2020	0.00	0.00	0.99	0.00	0.00	0.00	1.85	0.00	0.00	0.00	0.00	0.00	0.01	2.84	0.01	2.84
Subtotal	0.00	3.63	10.20	0.00	0.00	0.00	20.22	0.00	0.00	0.00	1.00	0.00	0.10	34.05	1.09	35.15
TOTAL	0.000	22.373	33.742	0.000	0.000	0.000	63.221	0.000	2.346	0.000	6.083	0.000	0.375	119.336	8.804	128.140

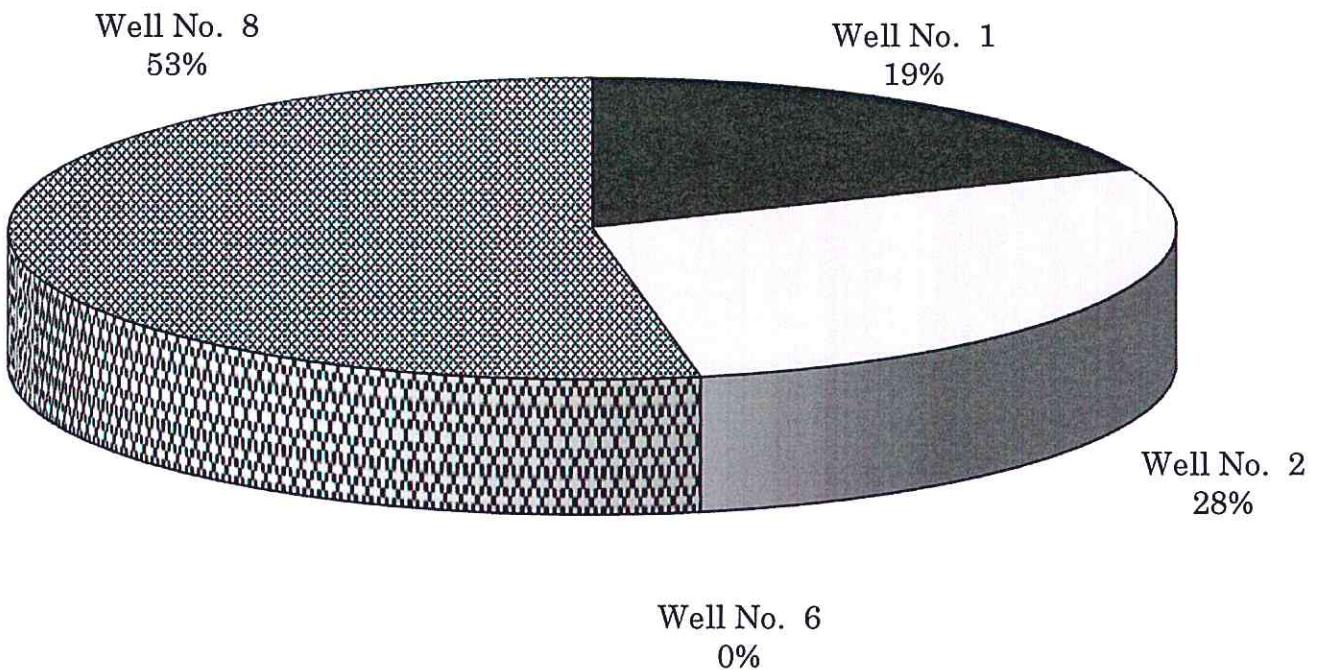
Source Potable Production Comparison

December 2020



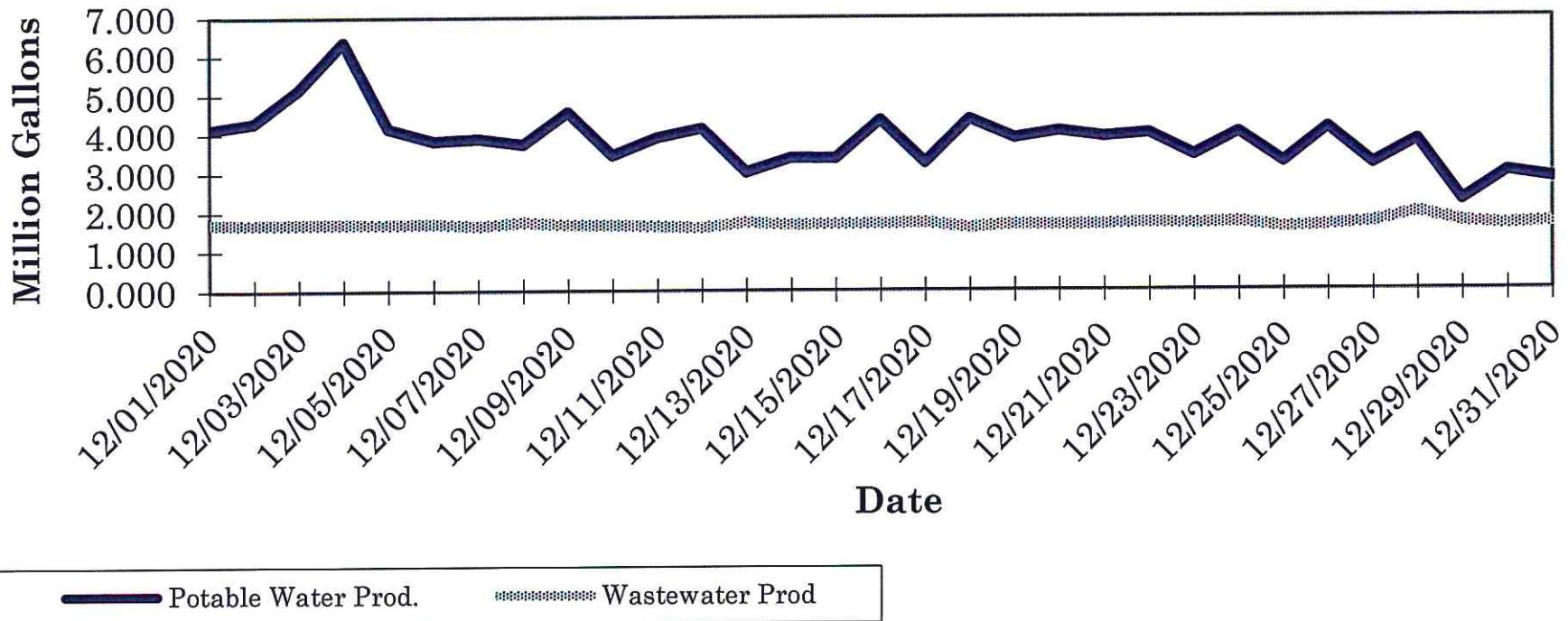
Source Potable Production Comparison

December 2020



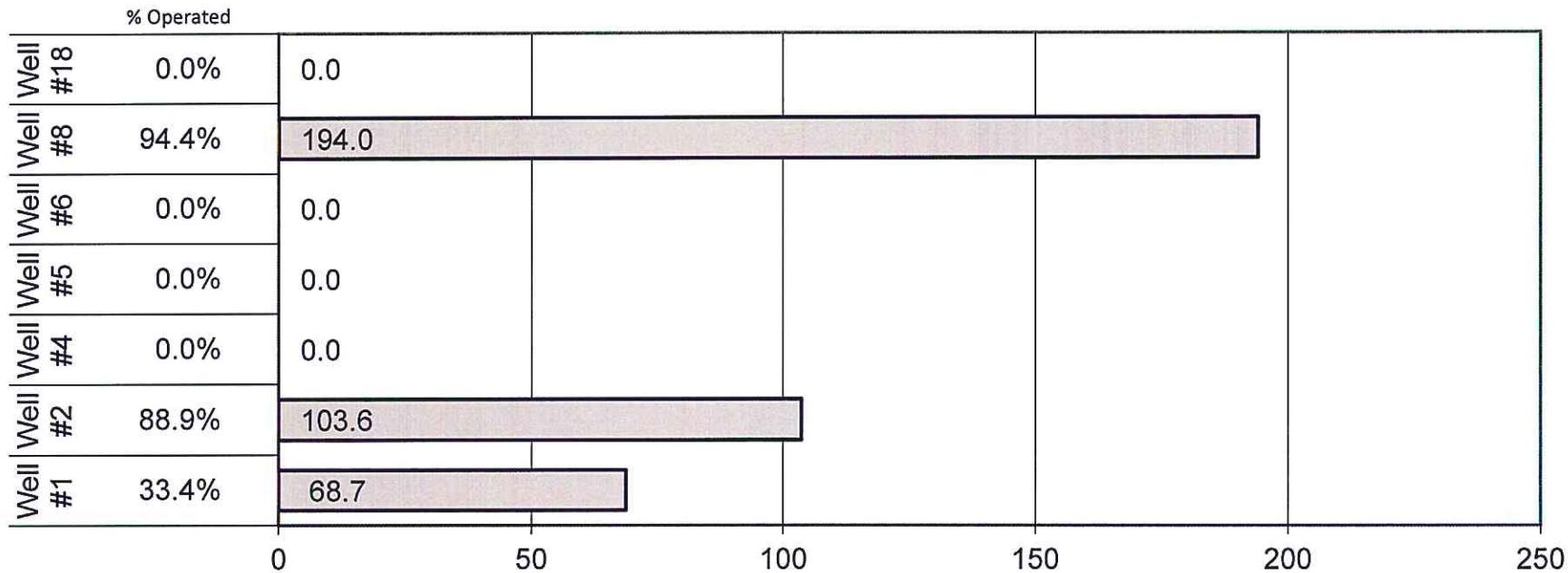
Potable Water & Wastewater Comparison

December 2020



TOTAL WATER PRODUCED w/ % Operated

December 2020

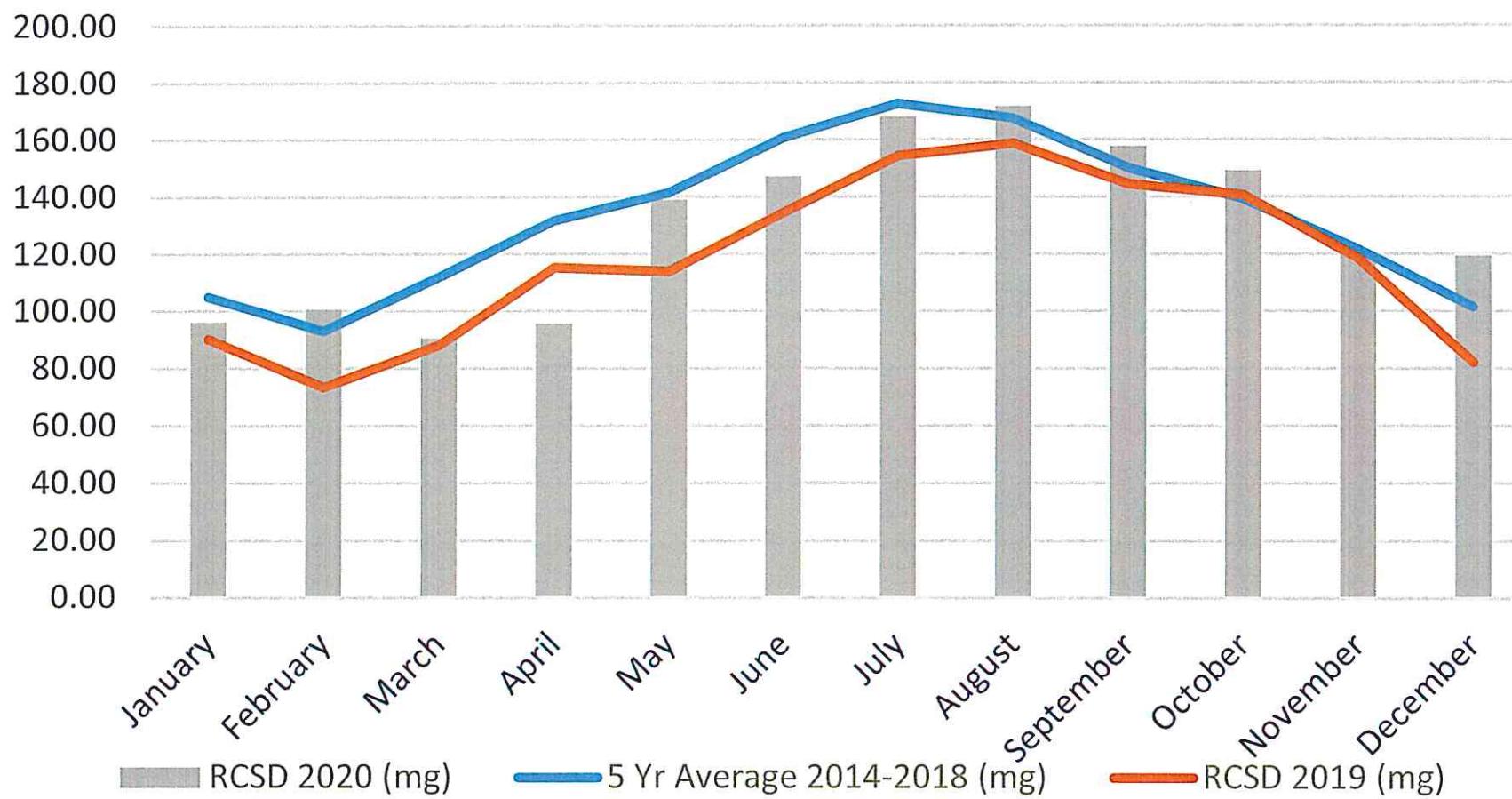


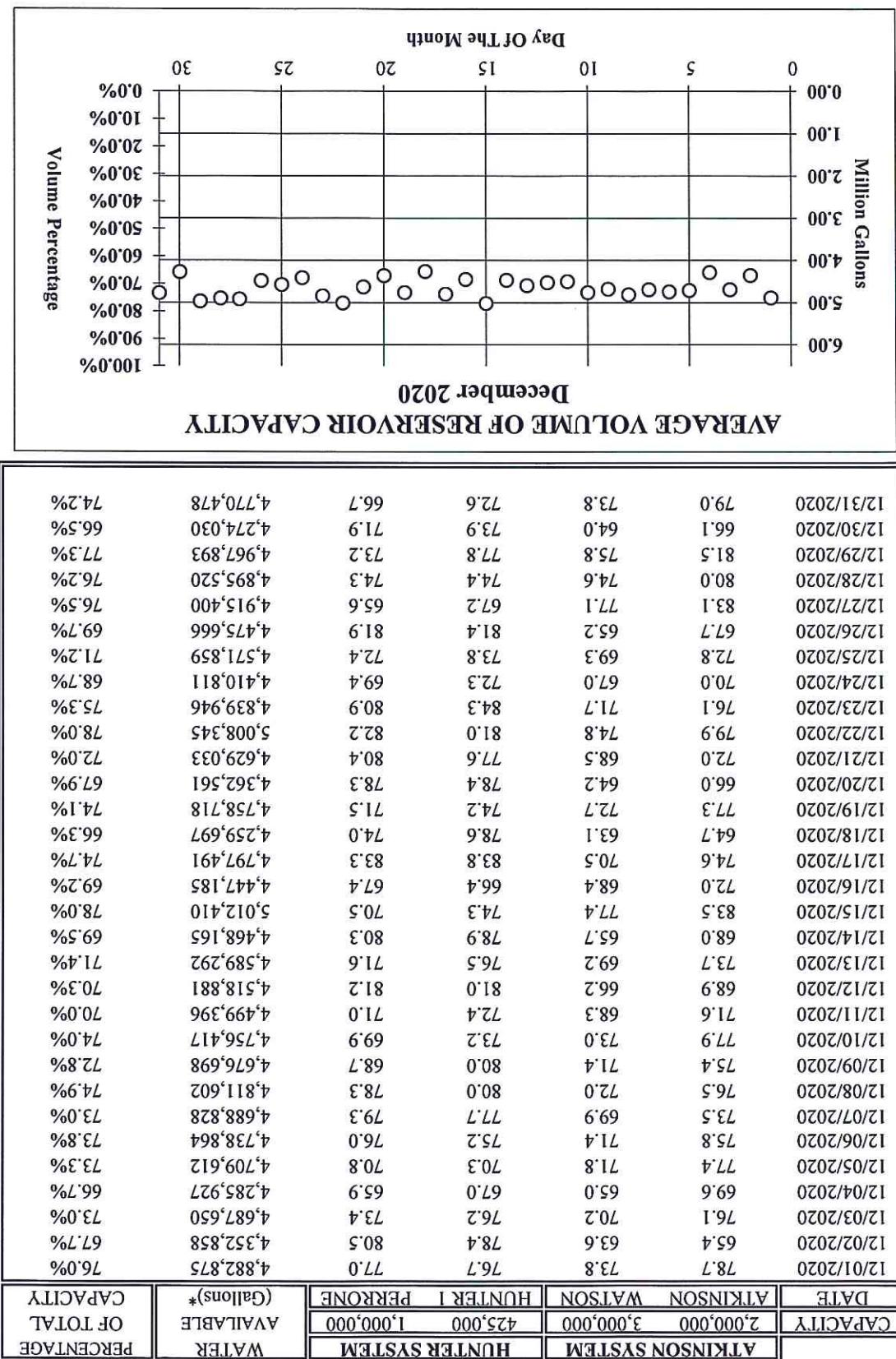
Max Production 972.7 AF
Monthly Production 366.3 AF
Reserve Production 606.5 AF

ACRE FEET

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

Potable Water Production Year 2020



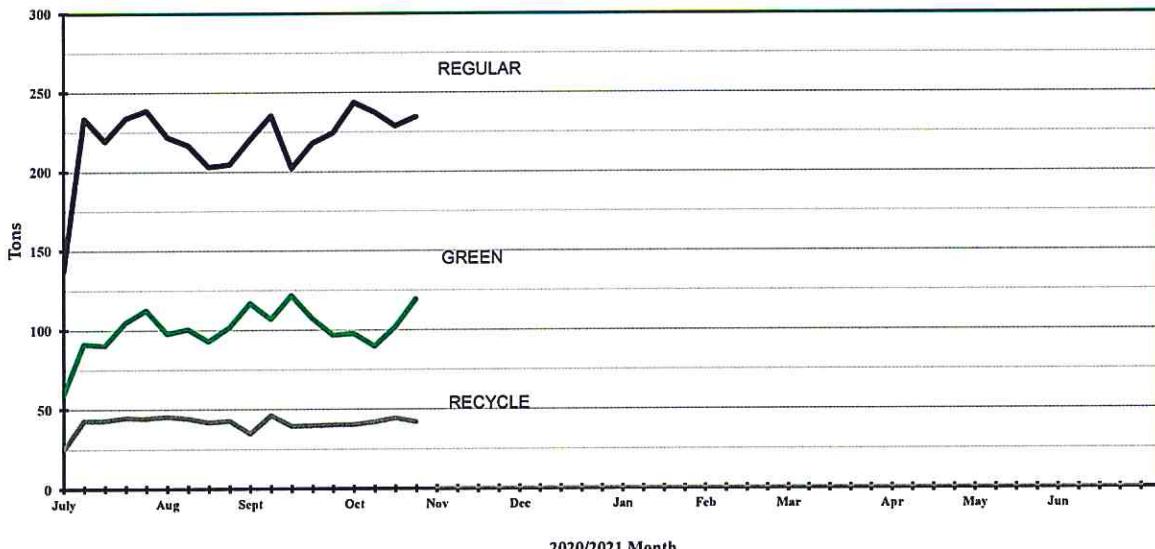


RUBIDOUX COMMUNITY SERVICES DISTRICT Reservoir Capacity Report

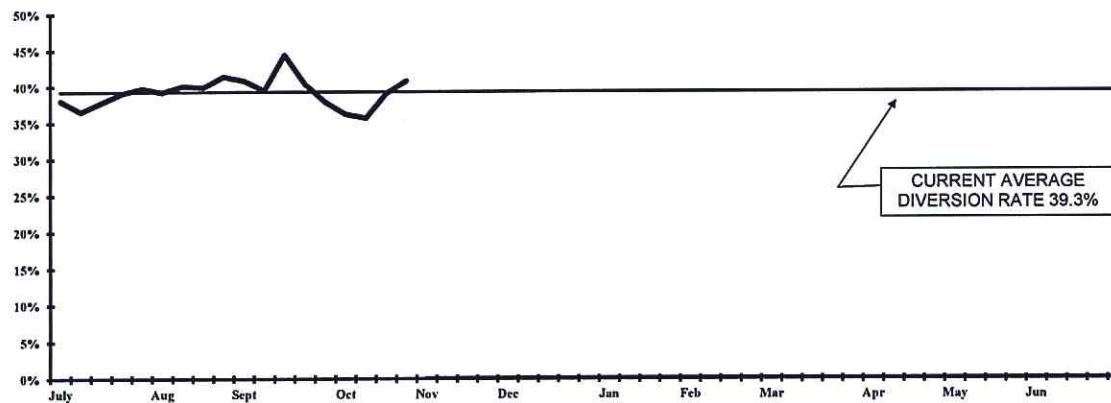
GRUBBDOX COMMUNITY SERVICES DISTRICT

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

CHARACTERIZATION OF REFUSE COLLECTED



PERCENTAGE OF GREEN/RECYCLE WASTE DIVERTED



CAL FIRE/Riverside County Fire Department

Emergency Incident Statistics



Bill Weiser

Fire Chief

1/5/2021

Report Provided By: Riverside County Fire Department

Communications and Technology Division

GIS Section

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

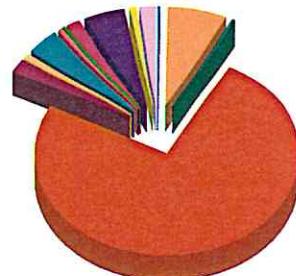
Incidents Reported for the month of December 2020 and Special District Rubidoux CSD And Both (Code 2, Alpha, Omega, Code 3, Charlie, Delta, Bravo, Echo)

*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.

Page 1 of 6

Response Activity

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



Com Fire	1	0.3%
False Alarm	22	7.1%
Haz Mat	1	0.3%
Medical	231	75.0%
Other Fire	7	2.3%
Other Misc	2	0.6%
Public Service Assist	12	3.9%
Res Fire	2	0.6%
Rescue	1	0.3%
Standby	5	1.6%
Traffic Collision	15	4.9%
Vehicle Fire	3	1.0%
Wildland Fire	6	1.9%
Total:	308	100.0%

Com Fire	1
False Alarm	22
Haz Mat	1
Medical	231
Other Fire	7
Other Misc	2
Public Service Assist	12
Res Fire	2
Rescue	1
Standby	5
Traffic Collision	15
Vehicle Fire	3
Wildland Fire	6
Incident Total:	308

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
172	134	10	0	5.0	55.8%

*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

			Com Fire	False Alarm	Haz Mat	Medical	Other Fire	Other Misc	Public Service	Res Fire	Rescue	Standby	Traffic Collisio	Vehicle Fire	Wildlan d Fire	Total	
Battalion 14	Station 16 Pedley	City of Jurupa Valley	0	1	0	5	0	0	1	0	0	0	0	0	0	7	
		Station Total	0	1	0	5	0	0	1	0	0	0	0	0	0	7	
	Station 18 West Riverside	City of Jurupa Valley	0	0	0	7	0	0	0	0	0	0	0	0	0	7	
		Station Total	0	0	0	7	0	0	0	0	0	0	0	0	0	7	
	Station 38 Rubidoux	City of Jurupa Valley	1	21	1	219	7	2	11	2	1	5	15	3	6	294	
		Station Total	1	21	1	219	7	2	11	2	1	5	15	3	6	294	
Battalion Total			1	22	1	231	7	2	12	2	1	5	15	3	6	308	
Grand Total			1	22	1	231	7	2	12	2	1	5	15	3	6	308	

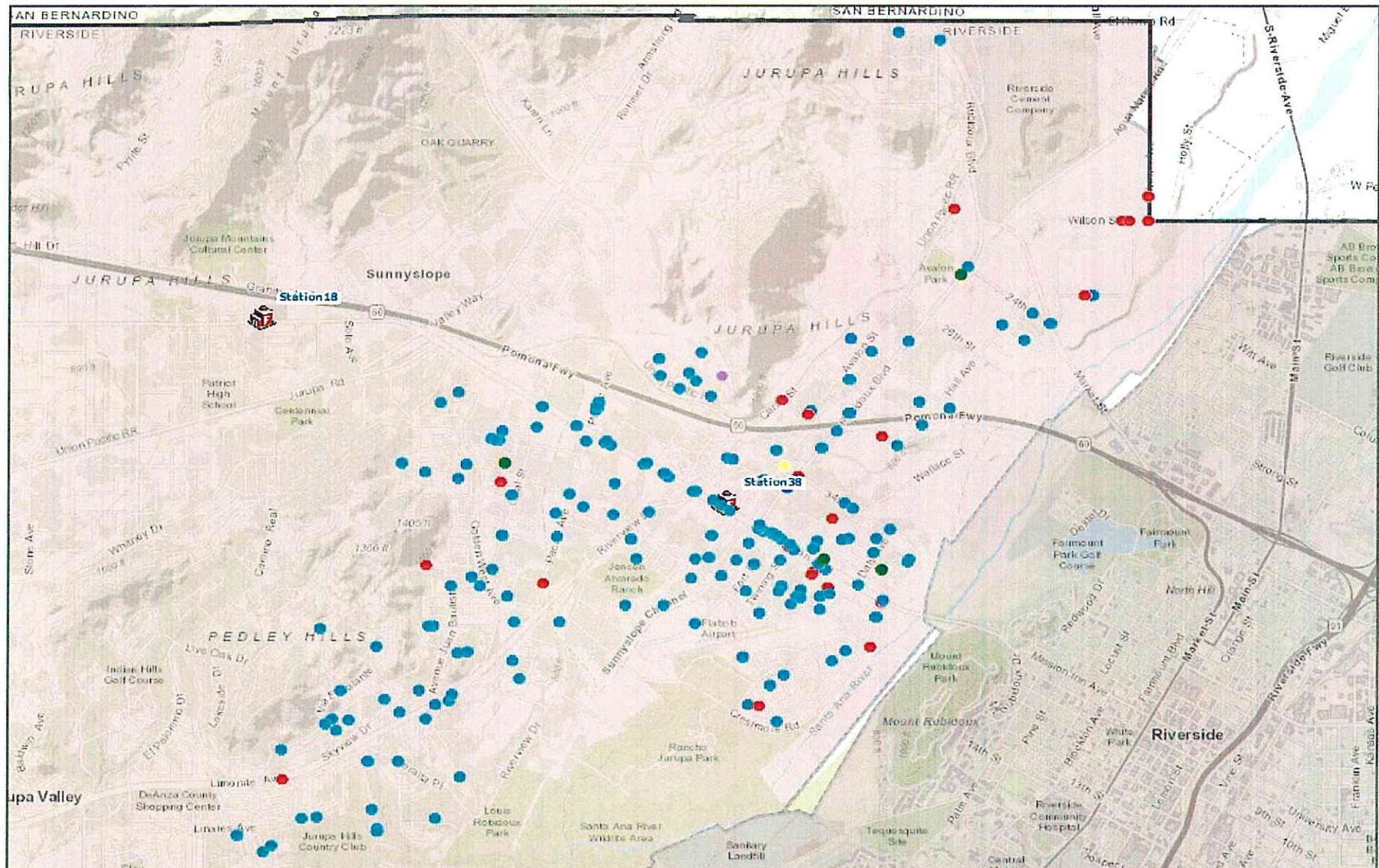
Incidents by Jurisdiction

	Com Fire	False Alarm	Haz Mat	Medical	Other Fire	Other Misc	Public Service	Res Fire	Rescue	Standby	Traffic Collisio	Vehicle Fire	Wildlan d Fire	Total
City of Jurupa Valley	1	22	1	231	7	2	12	2	1	5	15	3	6	308
Grand Total	1	22	1	231	7	2	12	2	1	5	15	3	6	308

Incidents by Supervisorial District - Summary

	DISTRICT 2 KAREN SPIEGEL	Grand Total
Com Fire	1	1
False Alarm	22	22
Haz Mat	1	1
Medical	231	231
Other Fire	7	7
Other Misc	2	2
Public Service Assist	12	12
Res Fire	2	2
Rescue	1	1
Standby	5	5
Traffic Collision	15	15
Vehicle Fire	3	3
Wildland Fire	6	6
Total	308	308

MONTH = 12 and YEAR = 2020 and SPECIAL= 'Rubidoux CSD'



Legend

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

Riverside County Fire GIS



CAL FIRE/Riverside County Fire Department

Emergency Incident Statistics



Bill Weiser

Fire Chief

1/5/2021

Report Provided By: Riverside County Fire Department

Communications and Technology Division

GIS Section

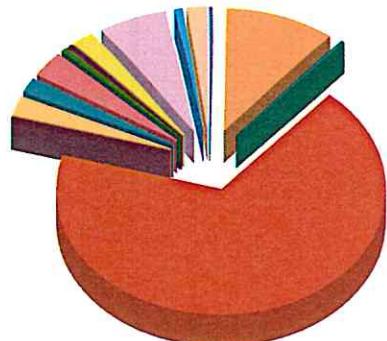
Please refer to Map and Incident by Battalion, Station, Jurisdiction

Incidents Reported for year 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 year 2020 and Special District Rubidoux CSD And Both (Code 2, Alpha, Omega, Code 3, Charlie, Delta, Bravo, Echo)



Com Fire	9	0.3%
False Alarm	335	10.8%
Haz Mat	12	0.4%
Medical	2,097	67.8%
Multi-Fam Dwelling Fire	2	0.1%
Other Fire	80	2.6%
Other Misc	57	1.8%
Public Service Assist	101	3.3%
Res Fire	25	0.8%
Rescue	3	0.1%
Ringing Alarm	10	0.3%
Standby	65	2.1%
Traffic Collision	206	6.7%
Vehicle Fire	31	1.0%
Wildland Fire	59	1.9%
Total:	3,092	100.0%

Com Fire	9
False Alarm	335
Haz Mat	12
Medical	2,097
Multi-Fam Dwelling Fire	2
Other Fire	80
Other Misc	57
Public Service Assist	101
Res Fire	25
Rescue	3
Ringing Alarm	10
Standby	65
Traffic Collision	206
Vehicle Fire	31
Wildland Fire	59
Incident Total:	3,092

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
1,889	1,152	154	8	4.9	61.1%

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

Incidents by Battalion, Station and Jurisdiction

			Com Fire	False Alarm	Haz Mat	Medical	Multi-Fam Dwelling Fire	Other Fire	Other Misc	Public Service Assist	Res Fire	Rescue	Ringing Alarm	Standby	Traffic Collision	Vehicle Fire	Wildland Fire	Total
Battalion 0	Station 0	Out of Jurisdiction	0	5	0	0	0	0	2	0	0	0	1	0	0	0	0	8
		Total	0	5	0	0	0	0	2	0	0	0	1	0	0	0	0	8
		Total	0	5	0	0	0	0	2	0	0	0	1	0	0	0	0	8
Battalion 14	Station 16	City of Jurupa Val	0	5	2	22	0	0	0	1	0	0	0	1	0	0	0	31
		Total	0	5	2	22	0	0	0	1	0	0	0	1	0	0	0	31
	Station 18	City of Jurupa Val	0	7	1	87	0	3	1	9	2	0	1	1	18	1	4	135
		Total	0	7	1	87	0	3	1	9	2	0	1	1	18	1	4	135
	Station 38	City of Jurupa Val	9	318	9	1,988	2	77	54	91	23	3	8	63	188	30	55	2,918
		Total	9	318	9	1,988	2	77	54	91	23	3	8	63	188	30	55	2,918
		Total	9	330	12	2,097	2	80	55	101	25	3	9	65	206	31	59	3,084

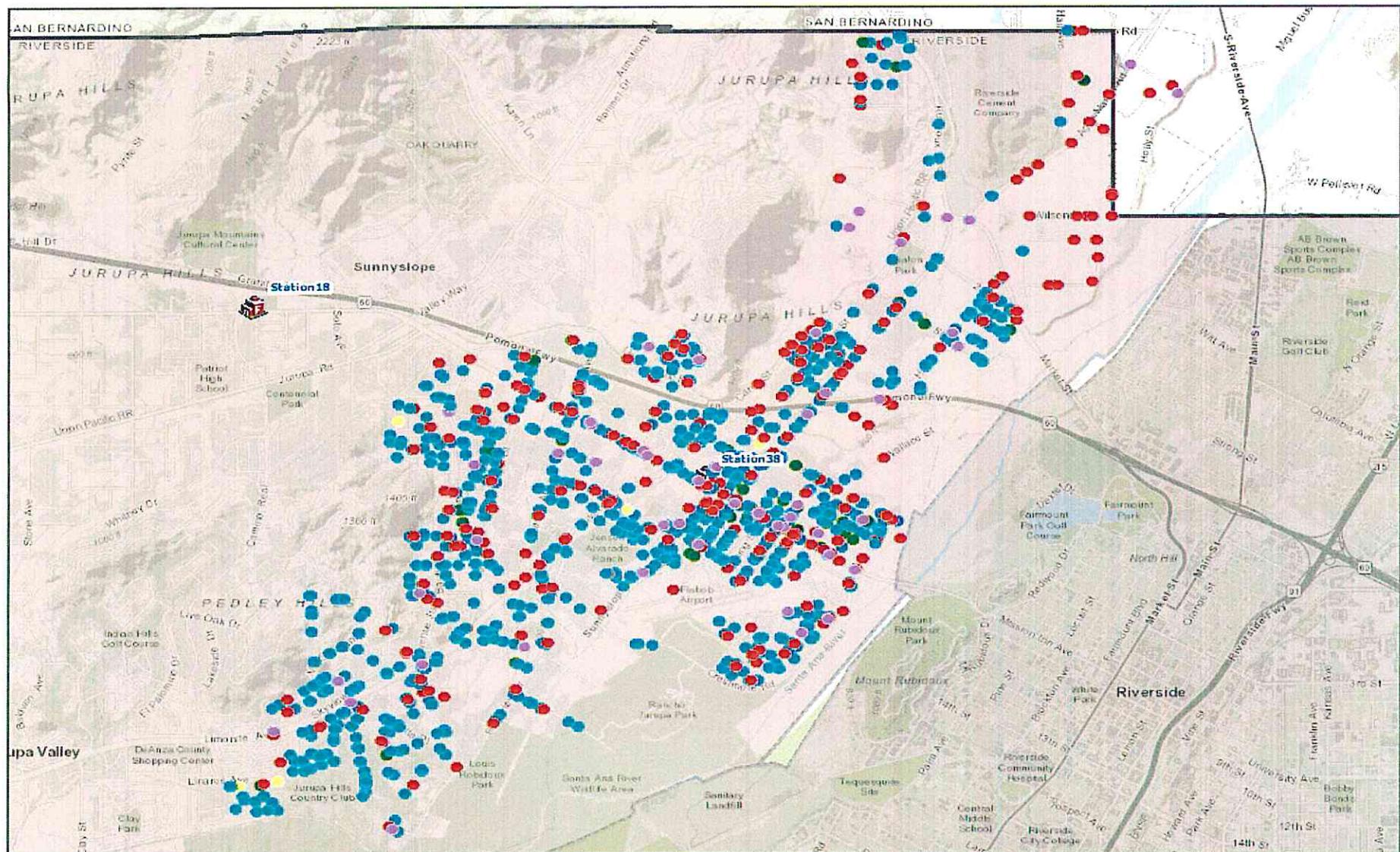
Incidents by Jurisdiction

	Com Fire	False Alarm	Haz Mat	Medical	Multi-Fam Dwelling	Other Fire	Other Misc	Public Service Assist	Res Fire	Rescue	Ringing Alarm	Standby	Traffic Collision	Vehicle Fire	Wildland Fire	Total
City of Jurupa Valley	9	330	12	2,097	2	80	55	101	25	3	9	65	206	31	59	3,084
Out of Jurisdiction Ca	0	5	0	0	0	0	2	0	0	0	1	0	0	0	0	8
Grand Total	9	335	12	2,097	2	80	57	101	25	3	10	65	206	31	59	3,092

Incidents by Supervisorial District - Summary

	DISTRICT 2 KAREN SPIEGEL	NOT TIED TO DISTRICT	Grand Total
Com Fire	9	0	9
False Alarm	330	5	335
Haz Mat	12	0	12
Medical	2,097	0	2,097
Multi-Fam Dwelling Fir	2	0	2
Other Fire	80	0	80
Other Misc	55	2	57
Public Service Assist	101	0	101
Res Fire	25	0	25
Rescue	3	0	3
Ringing Alarm	9	1	10
Standby	65	0	65
Traffic Collision	206	0	206
Vehicle Fire	31	0	31
Wildland Fire	59	0	59

YEAR = 2020 and SPECIAL= 'Rubidoux CSD'



Legend

- Fire
- Hazard
- Haz Mat
- Medical
- Other Misc
- PSA

- Riverside County
- ▨ Reservations
- ▨ Fire Station
- ▨ Casinos



CAL FIRE/Riverside County Fire Department

Emergency Incident Statistics

December 2010 - December 2020



Rubidoux Community Service District



Total Calls for Rubidoux CSD December 2010-2020



<u>Month/Year</u>	<u>Total Calls for Station 38</u>	<u>Total Calls for District</u>
December 2010	175	193
December 2011	199	208
December 2012	171	182
December 2013	215	224
December 2014	222	239
December 2015	232	244
December 2016	245	258
December 2017	240	259
December 2018	233	247
December 2019	230	242
December 2020	294	308

CAL FIRE/Riverside County Fire Department

Emergency Incident Statistics



Bill Weiser

Fire Chief

1/5/2021

Report Provided By: Riverside County Fire Department

Communications and Technology Division

GIS Section

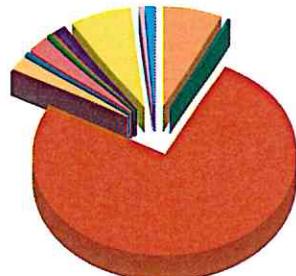
Please refer to Map and Incident by Battalion, Station, Jurisdiction

Incidents Reported for the month of December, 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.

Page 1 of 6

Response Activity

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



Corn Fire	1	0.1%
False Alarm	81	7.1%
Haz Mat	3	0.3%
Medical	858	75.7%
Multi-Fam Dwelling Fire	1	0.1%
Other Fire	26	2.3%
Other Misc	6	0.5%
Public Service Assist	28	2.5%
Res Fire	8	0.7%
Rescue	3	0.3%
Standby	16	1.4%
Traffic Collision	84	7.4%
Vehicle Fire	7	0.6%
Wildland Fire	12	1.1%
Total:	1,134	100.0%

Com Fire	1
False Alarm	81
Haz Mat	3
Medical	858
Multi-Fam Dwelling Fire	1
Other Fire	26
Other Misc	6
Public Service Assist	28
Res Fire	8
Rescue	3
Standby	16
Traffic Collision	84
Vehicle Fire	7
Wildland Fire	12
Incident Total:	1,134

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
642	486	51	2	5.1	56.6%

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

Incidents by Battalion, Station and Jurisdiction

																Total		
		Com Fire	False Alarm	Haz Mat	Medical	Multi-Fa m	Other Fire	Other Misc	Public Service	Res Fire	Rescue	Standby	Traffic Collisio	Vehicle Fire	Wildlan d Fire			
Battalion 4	Station 47 Norco	City of Jurupa Valley	0	0	0	3	0	0	0	0	0	0	1	0	0	4		
			0	0	0	3	0	0	0	0	0	0	1	0	0	4		
	Battalion Total		0	0	0	3	0	0	0	0	0	0	1	0	0	4		
Battalion 14	Station 16 Pedley	City of Jurupa Valley	0	20	0	232	0	7	3	4	3	1	2	17	0	293		
			0	20	0	232	0	7	3	4	3	1	2	17	0	293		
	Station 17 Glen Avon	City of Jurupa Valley	0	19	2	206	1	7	1	7	2	1	5	27	3	282		
			0	19	2	206	1	7	1	7	2	1	5	27	3	282		
	Station 18 West Riverside	City of Jurupa Valley	0	16	0	157	0	4	0	5	0	0	3	20	1	207		
			0	16	0	157	0	4	0	5	0	0	3	20	1	207		
	Station 19 Highgrove	City of Jurupa Valley	0	1	0	2	0	0	0	0	0	0	0	0	0	3		
			0	1	0	2	0	0	0	0	0	0	0	0	0	3		
	Station 27 Eastvale	City of Jurupa Valley	0	3	0	31	0	1	0	1	1	0	1	4	0	42		
			0	3	0	31	0	1	0	1	1	0	1	4	0	42		
	Station 38 Rubidoux	City of Jurupa Valley	1	22	1	227	0	7	2	11	2	1	5	15	3	303		
			1	22	1	227	0	7	2	11	2	1	5	15	3	303		
Battalion Total			1	81	3	855	1	26	6	28	8	3	16	83	7	12	1,130	
Grand Total			1	81	3	858	1	26	6	28	8	3	16	84	7	12	1,134	

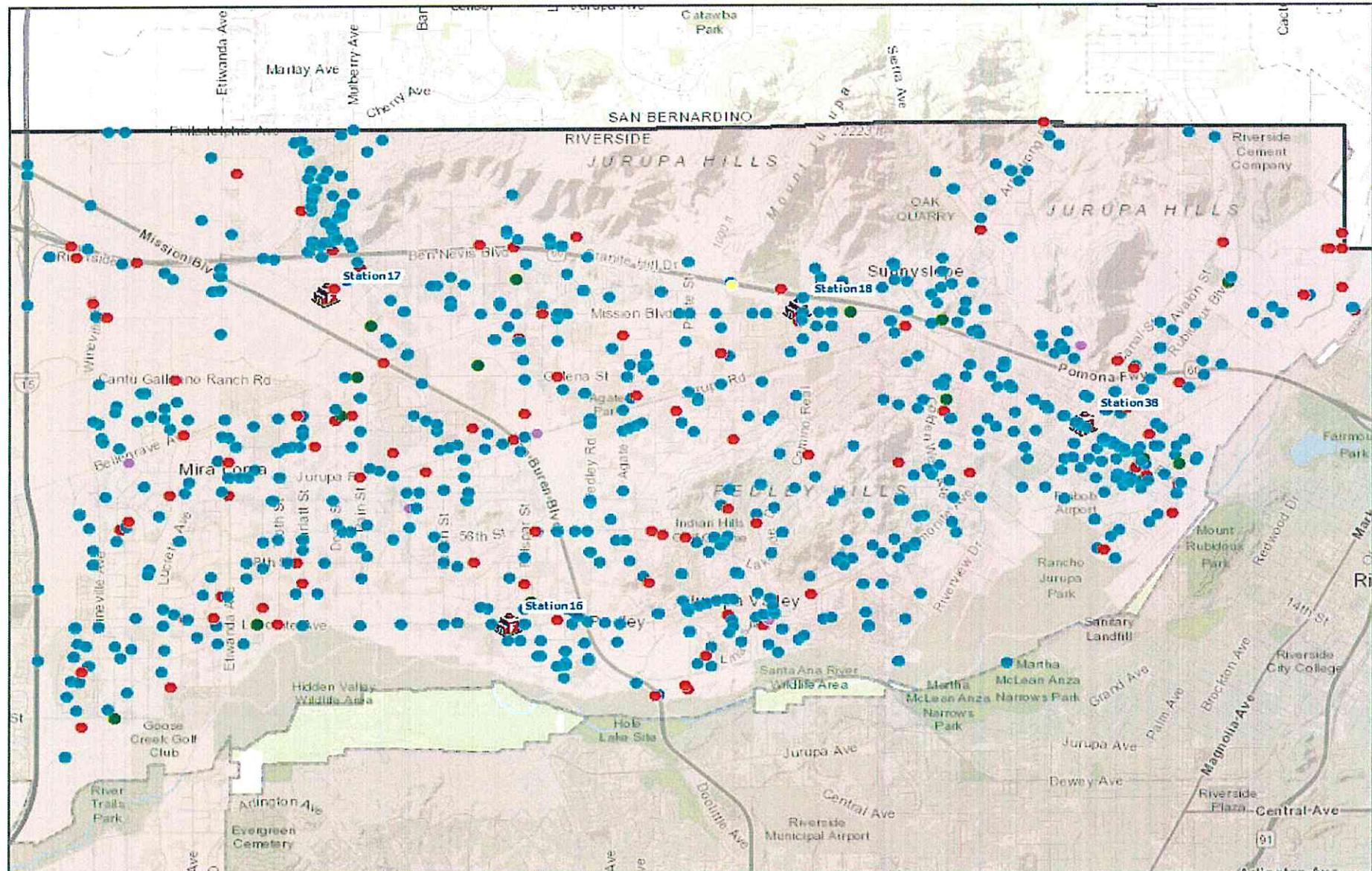
Incidents by Jurisdiction

	Com Fire	False Alarm	Haz Mat	Medical	Multi-Fa m	Other Fire	Other Misc	Public Service	Res Fire	Rescue	Standby	Traffic Collisio	Vehicle Fire	Wildlan d Fire	Total
City of Jurupa Valley	1	81	3	858	1	26	6	28	8	3	16	84	7	12	1,134
Grand Total	1	81	3	858	1	26	6	28	8	3	16	84	7	12	1,134

Incidents by Supervisorial District - Summary

	DISTRICT 2 KAREN SPIEGEL	Grand Total
Com Fire	1	1
False Alarm	81	81
Haz Mat	3	3
Medical	858	858
Multi-Fam Dwelling Fire	1	1
Other Fire	26	26
Other Misc	6	6
Public Service Assist	28	28
Res Fire	8	8
Rescue	3	3
Standby	16	16
Traffic Collision	84	84
Vehicle Fire	7	7
Wildland Fire	12	12
Total	1,134	1,134

MONTH = 12 and YEAR = 2020 and CITYNAME = 'Jurupa Valley'



Legend

- Fire
- Hazard
- Haz Mat

- Medical
- Other Misc
- PSA



Riverside County



Fire Station



Casinos



Riverside County Fire GIS

CAL FIRE/Riverside County Fire Department

Emergency Incident Statistics



Bill Weiser

Fire Chief

1/5/2021

Report Provided By: Riverside County Fire Department

Communications and Technology Division

GIS Section

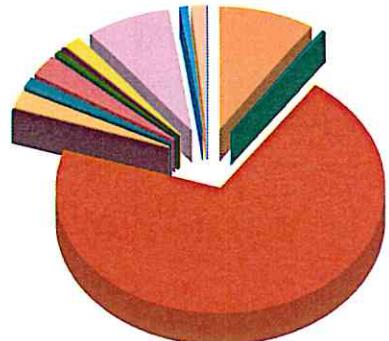
Please refer to Map and Incident by Battalion, Station, Jurisdiction

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



Com Fire	14	0.1%
False Alarm	1,019	9.3%
Haz Mat	28	0.3%
Medical	7,677	70.4%
Multi-Fam Dwelling Fire	5	0.0%
Other Fire	242	2.2%
Other Misc	156	1.4%
Public Service Assist	317	2.9%
Res Fire	62	0.6%
Rescue	14	0.1%
Ringing Alarm	26	0.2%
Standby	200	1.8%
Traffic Collision	893	8.2%
Vehicle Fire	97	0.9%
Wildland Fire	156	1.4%
Total:	10,906	100.0%

Com Fire	14
False Alarm	1,019
Haz Mat	28
Medical	7,677
Multi-Fam Dwelling Fire	5
Other Fire	242
Other Misc	156
Public Service Assist	317
Res Fire	62
Rescue	14
Ringing Alarm	26
Standby	200
Traffic Collision	893
Vehicle Fire	97
Wildland Fire	156
Incident Total:	10,906

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
6,545	4,221	493	47	5.0	60.0%

***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

			Com Fire	False Alarm	Haz Mat	Medical	Multi-Fam Dwelling Fire	Other Fire	Other Misc	Public Service Assist	Res Fire	Rescue	Ringing Alarm	Standby	Traffic Collision	Vehicle Fire	Wildland Fire	Total
Battalion 4	Station 47	City of Jurupa Val	0	11	0	12	0	1	0	0	0	1	1	0	7	1	2	36
		Total	0	11	0	12	0	1	0	0	0	1	1	0	7	1	2	36
		Total	0	11	0	12	0	1	0	0	0	1	1	0	7	1	2	36
Battalion 14	Station 16	City of Jurupa Val	1	215	6	1,976	0	68	33	56	10	5	2	43	191	15	45	2,666
		Total	1	215	6	1,976	0	68	33	56	10	5	2	43	191	15	45	2,666
	Station 17	City of Jurupa Val	1	277	7	1,711	3	47	31	94	14	3	11	52	255	24	22	2,552
		Total	1	277	7	1,711	3	47	31	94	14	3	11	52	255	24	22	2,552
	Station 18	City of Jurupa Val	3	149	5	1,685	0	39	32	64	9	2	3	26	211	20	25	2,273
		Total	3	149	5	1,685	0	39	32	64	9	2	3	26	211	20	25	2,273
	Station 19	City of Jurupa Val	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	3
		Total	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	3
	Station 27	City of Jurupa Val	0	31	1	263	0	7	6	10	6	0	1	13	32	1	4	375
		Total	0	31	1	263	0	7	6	10	6	0	1	13	32	1	4	375
	Station 38	City of Jurupa Val	9	335	9	2,028	2	80	54	93	23	3	8	66	197	36	58	3,001
		Total	9	335	9	2,028	2	80	54	93	23	3	8	66	197	36	58	3,001
		Total	14	1,008	28	7,665	5	241	156	317	62	13	25	200	886	96	154	10,870

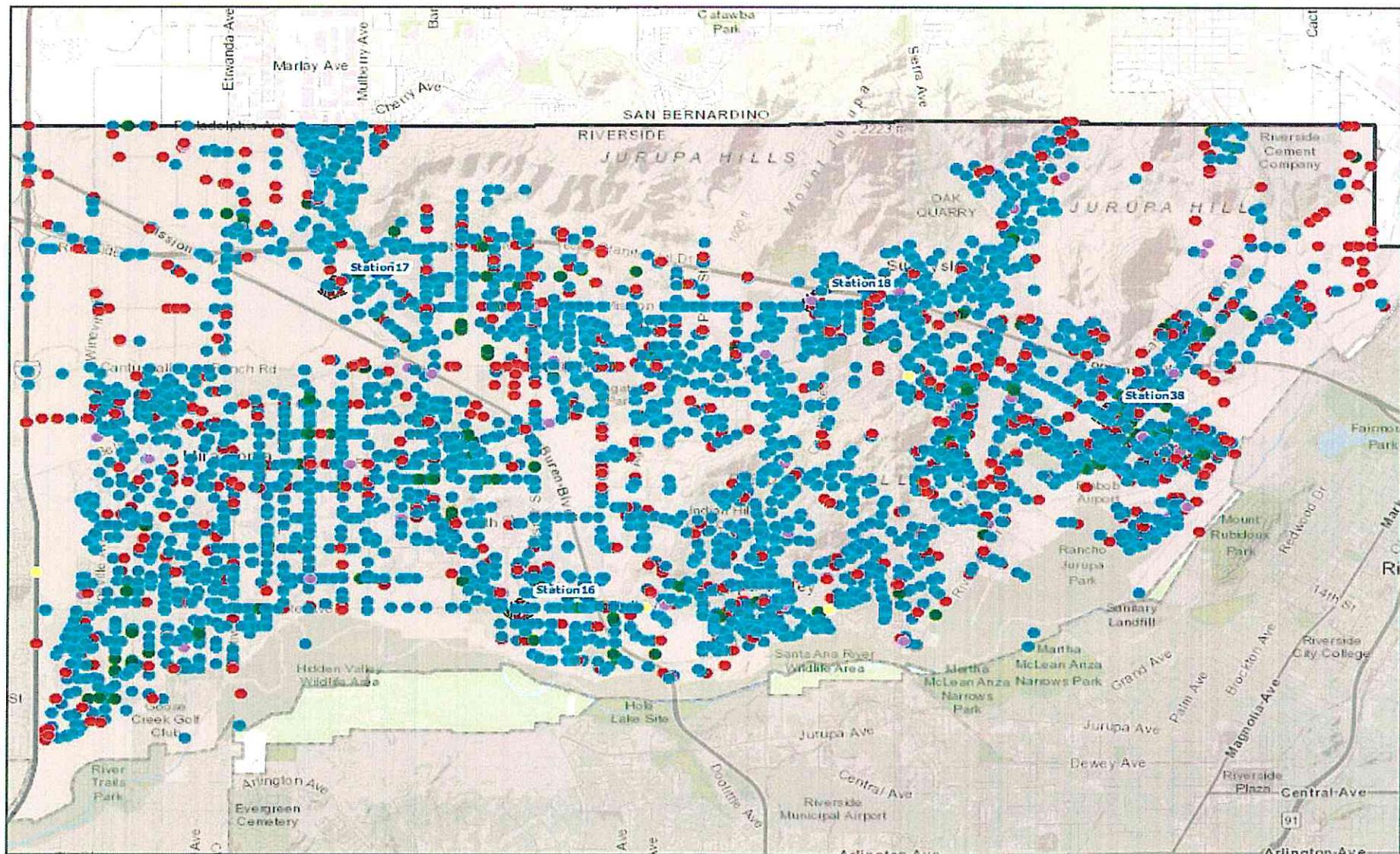
Incidents by Jurisdiction

	Com Fire	False Alarm	Haz Mat	Medical	Multi-Fam Dwelling	Other Fire	Other Misc	Public Service Assist	Res Fire	Rescue	Ringing Alarm	Standby	Traffic Collision	Vehicle Fire	Wildland Fire	Total
City of Jurupa Valley	14	1,019	28	7,677	5	242	156	317	62	14	26	200	893	97	156	10,906
Grand Total	14	1,019	28	7,677	5	242	156	317	62	14	26	200	893	97	156	10,906

Incidents by Supervisorial District - Summary

	DISTRICT 2 KAREN SPIEGEL	Grand Total
Com Fire	14	14
False Alarm	1,019	1,019
Haz Mat	28	28
Medical	7,677	7,677
Multi-Fam Dwelling Fir	5	5
Other Fire	242	242
Other Misc	156	156
Public Service Assist	317	317
Res Fire	62	62
Rescue	14	14
Ringing Alarm	26	26
Standby	200	200
Traffic Collision	893	893
Vehicle Fire	97	97
Wildland Fire	156	156

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. RECEIVE AND FILE STATEMENT OF CASH ASSET SCHEDULE
REPORT ENDING DECEMBER 2020:
DM 2021-01**

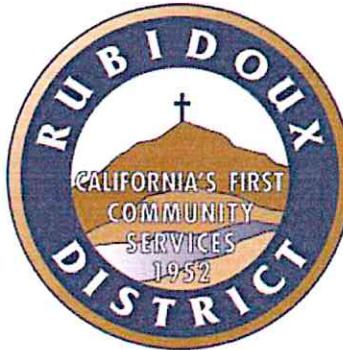
Rubidoux Community Services District

Board of Directors

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

General Manager

Jeffrey D. Sims



Water Resource Management

Refuse Collection

Street Lights

Fire / Emergency Services

Weed Abatement

DIRECTORS MEMORANDUM 2021-01

January 21, 2021

To: Rubidoux Community Services District
Board of Directors

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

BACKGROUND:

Attached for the Board of Directors' consideration is the December 2020 Statement of Cash Assets Schedule Report for all District Fund Accounts. Year to date ("YTD") interest is \$100,375.89 for District controlled accounts. With respect to District "Funds in Trust", \$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) show a balance of \$6,335,812.12 ending December 31, 2020. This is **\$535,351.50 LESS** than July 1, 2020, beginning balance of \$6,871,163.62.

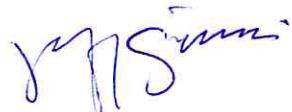
Further, the District's Field/Admin Fund current fund balance is \$624,957.10.

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

RECOMMENDATION:

Staff recommends the Board of Directors “**Receive and File**” the December 2020 Statement of Cash Assets Schedule Report.

Respectfully,

A handwritten signature in blue ink, appearing to read "JDSims".

JEFFREY D. SIMS, P. E.
General Manager

Attachment: December 2020, Cash Assets Schedule Report

RUBIDOUX COMMUNITY SERVICES DISTRICT

INVESTMENT SUMMARY - DECEMBER 31, 2020
CASH BASIS

	Beg. Balance 7/1/2020	YTD Int.	Other Activity YTD	Balance 12/31/2020	YTD Avg. Int. Rate
Operating Accounts	\$ 6,871,163.62	\$ 32,267.90	\$ (567,619.40)	\$ 6,335,812.12	0.51%
Water Operating Reserve	4,235,759.71	23,751.05	-	4,259,510.76	0.56%
Wastewater Operating Reserve	578,513.98	3,243.89	-	581,757.87	0.56%
Water Replacement Reserve	702,006.32	3,974.89	52,187.29	758,168.50	0.52%
Fire Mitigation Reserve	1,447,835.41	8,072.24	55,151.48	1,511,059.13	0.53%
Wastewater Reserve	316,194.52	1,567.82	88,989.95	406,752.29	0.39%
Wastewater Replacement Res.	212,781.39	1,249.02	54,424.00	268,454.41	0.47%
Water Reserve	2,228,218.83	5,489.71	(830,985.14)	1,402,723.40	0.39%
COP Restricted	3,022,895.29	17,420.66	(120,562.54)	2,919,753.41	0.60%
Field/Admin Reserve	586,427.14	3,338.71	35,191.25	624,957.10	0.53%
Funds in Trust	780,516.23	4,217.10	-	784,733.33	0.54%
Total Investments	\$ 20,982,312.44	\$ 104,592.99	\$ (1,233,223.11)	\$ 19,853,682.32	0.53%
				\$0.00	

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
FOR PERIOD JULY 1, 2020 THRU DECEMBER 31, 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>
12/1/2020	Premier Bank	CD		Beg. Bal.				170,424.60	
	Premier Bank			Interest	-	1.00	-	170,424.60	
	Premier Bank			Redeem	-			170,424.60	
12/31/2020	Premier Bank	CD	4/3/2021	Purchase	-			170,424.60	
12/1/2020	Premier Bank	Checking		Beg. Bal.				8,835.50	
	Premier Bank	Fire Mitigation		Activity	-	0.00	-	8,835.50	
12/31/2020	Premier Bank			End Bal.	-			8,835.50	
12/1/2020	LAIF	Fire Mitigation		Beg. Bal.				1,310,721.91	
	LAIF			Interest		0.58	-	1,310,721.91	
12/31/2020	LAIF			Activity	-			1,310,721.91	
12/1/2020	Premier Bank	Safekeeping		Beg. Bal				21,020.16	
				Activity	-		-	21,077.12	
12/31/2020	Premier Bank			End Bal.			56.96	21,077.12	\$ 1,511,059.13

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
 FOR PERIOD JULY 1, 2020 THRU DECEMBER 31, 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>
12/1/2020	LAIF	Sewer Mainline		Beg. Bal.				334,444.44	
	LAIF			Interest		0.58	-	334,444.44	
12/31/2020	LAIF			Activity	-			334,444.44	
12/1/2020	CBB	Safekeeping		Beg. Bal				72,298.14	
				Activity	-	0.10	9.71	72,307.85	
12/31/2020	CBB			End Bal.				72,307.85	\$ 406,752.29

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
FOR PERIOD JULY 1, 2020 THRU DECEMBER 31, 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>
12/1/2020	LAIF	Water Mainline		Beg. Bal.				505,915.99	
	LAIF			Interest		0.58	-	505,915.99	
12/31/2020	LAIF			Activity	-			505,915.99	
12/1/2020	Premier Bank	CD		Beg. Bal.				576,435.48	
	Premier Bank			Activity	-	1.00	-	576,435.48	
	Premier Bank			Redeem	-			576,435.48	
12/31/2020	Premier Bank	CD	4/3/2021	Purchase	-			576,435.48	
12/1/2020	Citizens Bus	CD		Beg. Bal.				225,000.00	
	Citizens Bus			Activity	-	0.15	-	225,000.00	
	Citizens Bus			Redeem	-	n/a		225,000.00	
12/31/2020	Citizens Bus	CD	4/18/2021	Purchase	-			225,000.00	

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

12/1/2020	Premier Bank	Safekeeping	Beg. Bal.			71,193.99
	Premier Bank		Activity	-	-	192.68
12/31/2020	Premier Bank		End Bal.			71,386.67
						71,386.67
12/1/2020	CBB	Safekeeping	Beg. Bal.			23,982.06
	CBB		Activity	-	0.10	3.20
12/31/2020	CBB		End Bal.			23,985.26
						23,985.26
						\$ 1,402,723.40

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
FOR PERIOD JULY 1, 2020 THRU DECEMBER 31, 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>
12/1/2020	Premier Bank	Checking-Gen.		Beg. Bal.				113,192.82	
	Premier Bank			Deposits	2,319,803.56	0.00	-	2,432,996.38	
12/31/2020	Premier Bank			Disbursements	(2,156,753.92)			276,242.46	
12/1/2020	Premier Bank	Checking		Beg. Bal.				4,286.37	
	Premier Bank	Property Tax		Deposits	676,439.75	0.00	-	680,726.12	
12/31/2020	Premier Bank			Disbursements	-			680,726.12	
12/1/2020	Premier Bank	Checking-Sewer		Beg. Bal.				4,322.03	
	Premier Bank			Deposits	228,212.42	0.00	-	232,534.45	
12/31/2020	Premier Bank			Disbursements	(228,170.44)			4,364.01	
12/1/2020	Premier Bank	Checking-Water		Beg. Bal				496,416.40	
	Premier Bank			Deposits	1,189,763.43	0.00	-	1,686,179.83	
12/31/2020	Premier Bank			Disbursements	(1,046,222.42)			639,957.41	

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
FOR PERIOD JULY 1, 2020 THRU DECEMBER 31, 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>
12/1/2020	Premier Bank	Operations		Beg. Bal				276,342.99	
	Premier Bank	Safekeeping		Deposits	-	0.00	-	276,342.99	
12/31/2020	Premier Bank			Disbursements				276,342.99	
12/1/2020	LAIF	Gen. Fund-Prop Tax		Beg. Bal				3,037,110.27	
	LAIF	Qtrly. Interest		Deposits	-	0.58	-	3,037,110.27	
12/31/2020	LAIF			Disbursements	(949,000.00)			2,088,110.27	
12/1/2020	LAIF	Water Op.		Beg. Bal				1,714,035.27	
	LAIF	Qtrly. Interest		Deposits	78,592.75	0.58	-	1,792,628.02	
12/31/2020	LAIF			Disbursements	(13,304.00)			1,779,324.02	
12/1/2020	LAIF	Sewer Op.		Beg. Bal				405,837.84	
	LAIF	Qtrly. Interest		Deposits	194,000.00	0.58	-	599,837.84	
12/31/2020	LAIF			Disbursements	(9,093.00)			590,744.84	\$ 6,335,812.12

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
FOR PERIOD JULY 1, 2020 THRU DECEMBER 31, 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>
12/1/2020	LAIF	Water Op. Reserve		Beg. Bal				4,259,510.76	
	LAIF	Qtrly. Interest		Deposits	-	0.58	-	4,259,510.76	
12/31/2020	LAIF			Disbursements	-			4,259,510.76	
12/1/2020	LAIF	Water Replacement		Beg. Bal				759,337.50	
	LAIF	Qtrly. Interest		Deposits	4,200.00	0.58	-	763,537.50	
12/31/2020	LAIF			Disbursements	(5,369.00)			758,168.50	
12/1/2020	LAIF	Wastewater Replacement		Beg. Bal.				259,361.41	
	LAIF			Interest		0.58	-	259,361.41	
12/31/2020	LAIF			Activity	9,093.00			268,454.41	
12/1/2020	LAIF	COP-Payback		Beg. Bal				2,887,953.41	
	LAIF	Qtrly. Interest		Deposits	31,800.00	0.58	-	2,919,753.41	
12/31/2020	LAIF			Disbursements	-			2,919,753.41	
12/1/2020	LAIF	Field/Admin Bldg.		Beg. Bal				630,876.85	
	LAIF	Qtrly Interest		Deposits	8,304.00	0.58	-	639,180.85	
12/31/2020	LAIF			Disbursements	(14,223.75)			624,957.10	
12/1/2020	LAIF	Wastewater Op. Reserve		Beg. Bal				581,757.87	
	LAIF	Qtrly. Interest		Deposits	-	0.58	-	581,757.87	
12/31/2020	LAIF			Disbursements	-			581,757.87	\$ 9,412,602.05

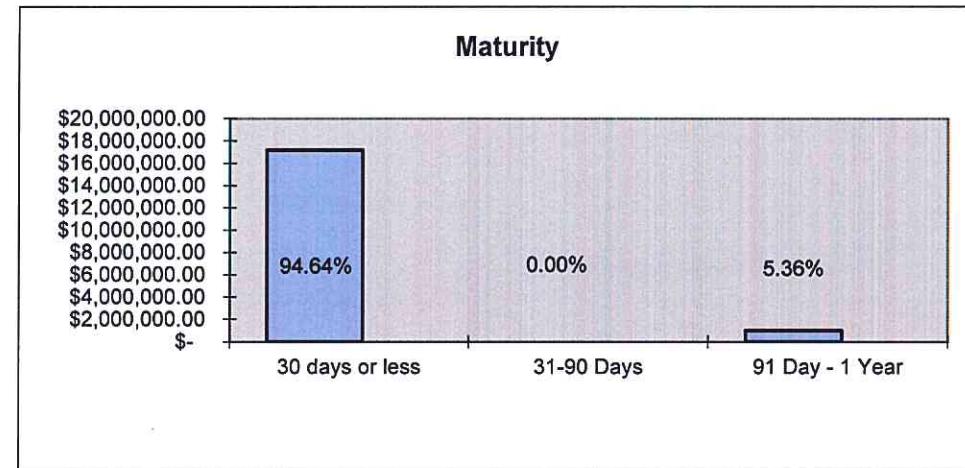
**RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
FOR PERIOD JULY 1, 2020 THRU DECEMBER 31, 2020
CASH BASIS
FUNDS IN TRUST**

FOOD FORTY SEVEN HOLDINGS REPORT
DECEMBER 31, 2020

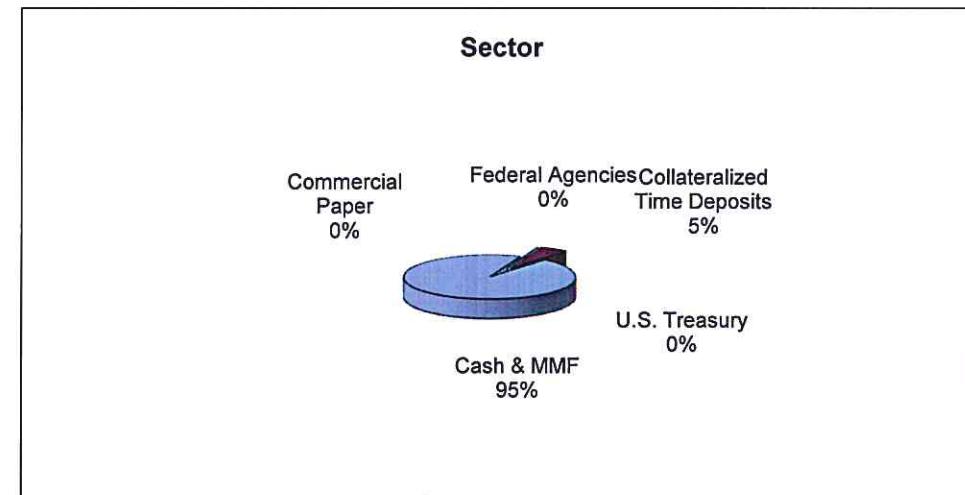
<u>Par \$</u>	<u>Issuer</u>	<u>Maturity</u>	<u>Acquisition Cost</u>	<u>Current Market</u>	<u>Gain/Loss</u>	<u>Yld Mat</u>
AGENCY						
	Subtotals		-	-	-	-
U.S. TREASURIES						
COMMERCIAL PAPER						
	Subtotals		-	-	-	-
COLLATERALIZED TIME DEPOSITS						
170,424.60	Premier	4/3/2021	\$ 170,424.60	\$ 170,424.60		1.00
576,435.48	Premier	4/3/2021	576,435.48	576,435.48		1.00
225,000.00	Citizens Business Bank	4/18/2021	225,000.00	225,000.00		0.15
	Subtotals		\$ 971,860.08	\$ 971,860.08		-
CASH EQUIVALENT & MONEY MARKET						
16,021,863.83	LAIF	-	\$ 16,021,863.83	\$ 16,021,863.83		0.58
689,561.62	CHECK-PPBI-Fire- Prop tax		689,561.62	689,561.62		-
465,099.89	SAFEKEEPING		465,099.89	465,099.89		-
	Subtotals		17,176,525.34	17,176,525.34		-
	GRAND TOTALS		\$ 18,148,385.42	\$ 18,148,385.42		-

RCSD Investment Portfolio
December 31, 2020

<u>Maturity</u>	<u>Assets</u>
30 days or less	\$ 17,176,525.34
31-90 Days	-
91 Day - 1 Year	<u>971,860.08</u>
Total	<u><u>\$ 18,148,385.42</u></u>



<u>Sector</u>	
Cash & MMF	\$ 17,176,525.34
U.S. Treasury	-
Federal Agencies	-
Commercial Paper	-
Collateralized Time Deposits	<u>971,860.08</u>
Total	<u><u>\$ 18,148,385.42</u></u>



10. AWARD OF PROFESSIONAL SERVICES CONTRACT TO WEBB ASSOCIATES
FOR MASTER PLANS, UWMP, OPERATIONAL STRATEGY AND AWIA
COMPLIANCE DOCUMENTS: **DM 2021-02**

Rubidoux Community Services District

Board of Directors

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

General Manager

Jeffrey D. Sims



Water Resource Management

Refuse Collection

Street Lights

Fire / Emergency Services

Weed Abatement

DIRECTORS MEMORANDUM 2020-02

January 21, 2021

To: Rubidoux Community Services District
Board of Directors

Subject: 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

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 123, Manganese, Nitrate, and PFOS/PFOA among other constituents. Treatment processes for contaminant 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 Plant 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 (ERPs). 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 in 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 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 (“JCSO”) and actively updating JCSO’s master plans and working on import water supply alternatives. As the Board may recall, the District and JCSO 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 of 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

RECOMMENDATIONS

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

1. Amend the FY 2020/2021 Budget to:

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

Respectfully,



JEFFREY D. SIMS, P.E.
General Manager

Attach:

1. Webb and Associates Proposal to Provide Professional Engineering Services



Proposal to Provide Professional Engineering Services
Water and Sewer Master Plans
Urban Water Management Plan Update
Operational Development Plan
America's Water Infrastructure Act Requirements

Prepared for:

Rubidoux Community Services District

December 18, 2020

December 18, 2020

Mr. Jeff Sims, P.E.
General Manager
Rubidoux Community Services District
3590 Rubidoux Blvd
Jurupa Valley, CA 92509

Corporate Headquarters
3788 McCray Street
Riverside, CA 92506
T: 951.686.1070

RE: Proposal for Engineering Services – Water and Sewer Master Plans, Urban Water Management Plan Update, Operational Plan Development, and America's Water Infrastructure Act Compliance (AWIA)

Dear Mr. Sims:

Enclosed is Albert A. Webb Associates' (WEBB) response to your Request for Proposal (RFP) for Water and Sewer Master Plans, Urban Water Management Plan Update, Operational Plan Development, and America's Water Infrastructure Act Compliance projects.

Our proposal reflects an experienced technical team of highly experienced professional engineers and selected specifically for these project due to their wealth of experience with the water resource engineering. All project team members are invested in providing the District the highest quality work products to achieve your goals.

Water and Sewer Master Plans	\$144,600
Urban Water Management Plan	\$88,700
Operational Plan Development	\$38,630
AWIA Compliance	\$39,610
Total	\$311,540

We have assumed the District will execute all contracts to one (1) consultant and our budgets reflect the savings generated by working on these contracts at the same time.

Brad Sackett, PE, will be the overall program manager to make sure our work on the various projects and reports will be seamless and duplicate effort will be minimized. In addition, our schedule to complete the projects will be integrated and managed together as one (1) comprehensive program by the WEBB Team.

Our team members will remain available throughout the duration of the projects. As a result, you can be confident your projects will be successfully completed in a timely and professional manner. We look forward to the opportunity to work together. If you have any questions regarding our proposal, please contact me directly at 951.686.1070, or by email at bruce.davis@webbassociates.com.

Sincerely,



Bruce Davis, PE
Senior Vice President
951.686.1070 | bruce.davis@webbassociates.com

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13	3. Urban Water Management Plan Update - Project Understanding - Scope of Work
20	4. Operational Development Plan - Project Understanding - Scope of Work
23	5. America's Water Infrastructure Act Requirements - Project Understanding - Scope of Work
26	6. Program Schedules
30	7. Program Fees
35	8. Key Personnel Overview

1. Program Organizational Chart



Principal-in-Charge

Bruce Davis, PE
Senior Vice President

Program Manager

Brad Sackett, PE
Senior Engineer

PROJECT TEAM

Operational Development Plan

Brad Sackett, PE
Project Manager
Senior Engineer

Boris Petkovic, PE

AQUA Engineering
Principal Engineer

Dallin Stephens

AQUA Engineering
Engineer

Water and Sewer Master Plans

Joseph Caldwell, PE,
CPESC, CPSWQ, QSD,
QSP, CFM
Project Manager

Kris Danielson, PE
Senior Engineer
Modeling

Gustavo Gomez, PE

Associate Engineer
Sewer

Chandler Drachslin

Assistant Engineer
Water

Urban Water Management Plan Update

Autumn DeWoody,
CPWSQ
Project Manager

Sam Gershon, RCE
Senior Vice President
Plan Review

Chandler Drachslin
Assistant Engineer

Eliza Laws

Senior Environmental Analyst

Monica Tobias

Associate Environmental
Analyst

America's Water Infrastructure Act Requirements

Brad Sackett, PE
Project Manager
Senior Engineer

Autumn DeWoody,
CPWSQ
Data Analyst

Chandler Drachslin
Assistant Engineer

2. Water and Sewer Master Plans

Project Understanding

Rubidoux Community Services District (District) is requesting a proposal for the preparation of an update to their Water Facilities Master Plan for the District's potable water distribution system and their Wastewater Facilities Master Plan for the District's wastewater collection system. The District's goal is to develop and update the 2015 Facilities Master Plans to provide a comprehensive plan that enables the District to strategize planning and budgeting efforts to implement water distribution system and wastewater collection system enhancements in order to maintain a high level of service reliability and efficiency for current and future demands in compliance with regulatory guidelines.

The District service area covers approximately 8.9 square miles of northwest Riverside County and includes a portion of the city of Jurupa Valley. The District serves approximately 26,000 people and is governed by five elected representatives.

The District's potable water distribution system consists of approximately 70 miles of potable water pipelines ranging from 2-inches to 24-inches in diameter and six (6) active well pumping plants, three (3) booster pumping plants, two (2) main pressure zones, and five (5) water storage reservoirs with 6.4 MG of storage. Water is supplied to the District's service area from local groundwater sources, with emergency connections from Jurupa Community Services District.

The District's sewer system consists of approximately 68 miles of gravity pipe ranging from 6-inches to 27-inches in diameter and six (6) active lift stations. Wastewater generated in the District's service area is treated at one (1) treatment facility, the City of Riverside's Regional Water Quality Control Plant.

Items to be addressed in the development of the Water Facilities Master Plan include: update unit demand factors; update demand by planning area and pressure zone; incorporating the City of Jurupa Valley's projected land use designation to determine water demands information; update a water system hydraulic model (creation a hydraulic model is an optional task); review and analysis of operational and SCADA data from the existing system; analysis and evaluation of the existing system for existing and future development conditions; update of the proposed water facilities, including detailed maps and exhibits; review of water quality considerations for TDS and other contaminates; prepare planning cost estimates for the recommended improvements; and development of a Capital Improvement Program (CIP) and phasing schedule.

Items to be addressed in the development of the Wastewater Facilities Master Plan include: updating generation rates; incorporating the City of Jurupa Valley's projected land use designation to determine sewer generation information; updating sewage generation by planning area; updating a sewer system hydraulic model (creation a

hydraulic model is an optional task); review and analysis of available operational and SCADA data from the existing system, and any available monitoring sewage flow reports; analysis and evaluation of the existing system for existing and future development conditions; update of the proposed wastewater facilities, including detailed maps and exhibits; planning cost estimates for the recommended improvements; and development of a Capital Improvement Program (CIP) and phasing schedule. It is our understanding that some sewer flow monitoring was performed recently for the District and WEBB intends to incorporate that data into the analysis and report.

An analysis of the recommended improvements to determine whether current available funds, future capacity or connection fees or monthly water and/or sewer fees should cover these costs. This analysis will serve as the nexus for consideration of updating the District fee structure and may be used in any future water and/or sewer rate analyses.

Following completion of the Master Plans, follow-up work may consist of:

- 1) CEQA Documentation
- 2) Financial Planning for O&M and Rehab/Replacement of Existing Facilities
- 3) Analysis of Water and Sewer Rates for all customers

It is anticipated that these tasks will be the subject of future proposals by either WEBB or other qualified firms for the specific task(s).

Scope of Work

Task 1. Project Management and Meetings

WEBB will manage and coordinate all components of the Project and take a proactive role in keeping all tasks on schedule and budget to ensure timely completion of the Project. WEBB will fully coordinate with District staff and be responsive to any email and telephone discussions. WEBB will be in contact with the District frequently to ensure a timely District review of deliverables. We will similarly work with all stakeholders in a responsible manner.

A. Project Administration

WEBB will update the project schedule provided in our proposal monthly throughout the project. In addition, monthly status reports will be provided addressing project status and critical issues. Overall administration of the project and coordination with the District is included. WEBB shall manage and coordinate all components of the Project and take a proactive role in keeping all tasks on schedule and budget and ensure timely completion of the Project. Consultant shall give prior notice to the District, and obtain acceptance from same, before performing work outside the contract work scope and thereby contract budget amount.

Deliverable: Updated project schedule and status report monthly to District

B. Engineering Phase Progress Meetings

WEBB will attend one (1) kick-off meeting, one (1) meeting with the City of Jurupa Valley Planning and biweekly review/progress/milestone meetings with the District throughout the project. We will prepare meeting minutes and a list of action items after each meeting. All agendas and supporting information shall be distributed via emails to the District's Project Manager at least three (3) business days prior to any meetings, except draft reports for which shall be submitted at least five (5) business days ahead of the meetings. Meetings minutes shall be distributed to all attendees and any other identified parties within five (5) business days of the meeting date.

Deliverable: Meeting Agendas, Meeting Summary, and Action Items.

C. Board of Directors Workshop

WEBB shall assist District staff in presenting the updated Water Master and Sewer Master Plans to the Board Members. WEBB will attend one (1) Board meeting workshop with the District and assist District staff in presenting the Water Facilities Master and Sewer Facilities Master Plans to the Board members.

Deliverable: Presentation Materials and exhibits.

Task 2. Land Use and Existing Data Review

WEBB shall collect and review the City of Jurupa Valley's relevant planning documents and the District's data relating to potable water and sewer collection systems.

A. Land Use and Population Projections

WEBB shall review and update the population projections through the near-term (year 2025) and long-term planning horizon (year 2040). As part of this task, a meeting with the City's Planning Department shall take place to establish a planning basis for future land use and development changes anticipated through year 2040. In addition, documents such as the District's 2015 Urban Water Management Plan (UMWP), City's General Plan, as well as other pertinent planning documents shall be used to describe the current and future land use with the District's service area and to forecast the future population. This effort will be combined with preparing the 2020 UWMP.

Deliverable: Meeting Agendas, Meeting Summary and Action Items.

B. Data Collection and Review

Data to be collected from the District or other sources and reviewed by WEBB for the potable water master and sewer master plans will include:

- (1) Updated land use and population projections
- (2) Most recent aerial imagery obtained from on-line sources
- (3) Recent water billing data (residential, commercial, and industrial customers) in database or shapefile format
- (4) Recent production and purchase information
- (5) Recent System Operation files
- (6) Recent imported water data, if any
- (7) Recent pump efficiency test information for booster pumps and wells
- (8) Pump curves

- (9) Water system control information
- (10) Water quality information
- (11) Sewer quality information
- (12) Sewer flow information (to RWQCP)
- (13) Available sewer flow monitoring data
- (14) Wet Weather Sewer flow information
- (15) SCADA data for all facilities
- (16) Current Capital Improvement Program information
- (17) Bid results for recent construction projects
- (18) Pipeline Maintenance Information and Reports

Deliverable: Included in Master Plan Report in PDF format.

Task 3. Potable Water System Analysis Criteria

A. Existing System Description

WEBB shall review and describe the District's existing water system characteristics. This description shall include the following:

- a. Service Area
- b. Water supply sources and emergency connections,
- c. Pressure zone service elevations and demands,
- d. Water system pipeline distribution by material, size and age (if provided by the District), and
- e. Water system facility characteristics.

Deliverable: Included in Master Plan Report in PDF format.

B. System Planning and Analysis Criteria

WEBB shall review and update capacity and performance criteria for evaluating source and distribution facilities including:

- Source capacity, redundancy and quality
- Demand forecast
- Storage and pumping capacity
- Booster pumping capacity and redundancy
- Service pressure range under normal and emergency conditions
- Fire flow capacity of existing system by pressure zone
- Need for future storage
- Future treatment needs (using known historical, current, and projected water quality constituents to determine treatment trends and future needs)
- Future production needs

Deliverable: Included in Master Plan Report in PDF format.

Task 4. Water Model Development

A. Model Geometry

The District has provided a hydraulic model network for their system. As part of the recent Hunter Zone project, WEBB has integrated the model into InfoWater and reviewed demands, node elevations, pipe diameters and lengths, tank parameters, pump station

parameters, pump curves, and key operating set points. Within the hydraulic model, WEBB will confirm tank configuration parameters and pump curves based on the data provided by the District and spot check node elevations, demand data and pipeline diameters. WEBB has already programmed diurnal curves into the model based on typical curves used by other local water agencies.

Deliverable: Hydraulic Model in electronic format.

B. Facility Information

WEBB will finalize input parameters to obtain a complete and fully functional model of the water distribution system which is capable of running extended period analyses. The model shall include all pipelines 4-inches in diameter and larger, excluding service laterals. Pipeline diameters, materials, and age shall be included where data is available from the District.

Deliverable: Hydraulic Model in electronic format.

C. Operational Controls

WEBB will obtain from the District's staff current facility controls and settings and SCADA information then compare it to the existing model. WEBB will confirm any changes in the operational controls with District operations staff and any operational problems which the system may experience. WEBB will use the information already obtained during the Hunter Zone study.

Deliverable: Hydraulic Model in electronic format.

D. Potable Water Demand Factors

WEBB will review District production and purchase data, water billing data, and land use information then make recommendations for updates to the District's water demand factors. The overall total system demand will be calculated based upon these recommendations. The recommended factors will be utilized for future development areas in updating the water model.

Deliverable: Included in Master Plan Report.

E. Peaking Relationships

WEBB will use the information already developed during the Hunter Zone study. WEBB will review and analyze the existing water system's purchase and production (supply) and system operations data for the most recent 3 years to establish the trends in demand reduction, as well as exiting system average day, maximum month, maximum week, and maximum day demands and peaking factors. Peak hour factors will be confirmed with available system data if available.

Deliverable: Included in Master Plan Report.

F. Potable Water Demand Allocation

WEBB will analyze data land use data and update water demand allocation for nodes within the model to ensure a balanced model based on projected water demands.

Deliverable: Included in Master Plan Report.

Task 5. Water System Analyses

A. Distribution System Analysis

WEBB will conduct extended period simulations of the existing and future system for the following conditions:

- a. Average day demands
- b. Maximum day demands (peak hour conditions will be modeled in this scenario)
- c. Maximum day plus fire flow demands

We will review the results with District staff. If needed, adjustments will be made and analyses will be conducted again.

Deliverable: In Master Plan Report.

B. Water Supply Analysis

WEBB will analyze four (4) different supply alternatives:

- a. Additional Local Water Wells (similar to 2015 plan update)
- b. Connection to Western Municipal Water District (WMWD) wheeled through City of Riverside's system or Jurupa Community Services District's (JCSD) system
- c. Connection to WMWD at Chino Basin Desalter Authority (CDA), wheeled through JCSD's system
- d. Regional Pipelines/Supply Scenarios in cooperation with JCSD or others

The analyses will include a basic system description of each approach with an exhibit, four (4) meetings with WMWD staff and other water agencies, rough water cost estimates and required capital cost estimates. We will review the analysis results with District staff to ascertain if they are reasonable and within target limits. If needed, adjustments will be made and analyses will be revised.

Deliverable: Included In Technical memo regarding Water Supply.

C. Water Quality Analyses

WEBB will review and update the existing water quality, review compliance standards for monitoring and treatment for of various contaminants and TDS and detail actions and cost estimates for achieving the District's water quality goals. More specifically on TDS, options using Reverse Osmosis, blending of imported water or a combination of both will be developed to ultimately meet the District's wastewater quality - TDS goal. Webb will prepare a concept plan and project cost estimates for the options developed.

Deliverable: Included In Master Plan Report.

D. Additional Analyses

WEBB will review and update the following:

- Storage Capacity Evaluation
- Pipeline Replacement Plan.

Deliverable: Included In Master Plan Report.

Task 6. Sewer Flow Projections

Wastewater flow projections for the existing system and future flows will be determined through historical data (SCADA data from lift stations and master metering at the treatment facility), current flow monitoring (four (4) places) and metering and targeted flow monitoring. WEBB proposes to monitor flows at four (4) critical locations within the district for a period of two weeks. Our sub-consultant will be fully responsible for obtaining encroachment permits from the City of Jurupa Valley, setting up and removing equipment, data collection and initial data evaluation. If possible, wet weather flows will be collected depending upon actual weather during the monitoring period. This information will be used to allow determination of wastewater generation and peaking factors.

A. Analyze Historical and Current Flows

The District will provide flow monitoring and meter data that WEBB will analyze to summarize existing system flows for both dry and wet weather conditions and to estimate sewer return ratios and existing flows in the wastewater system. Commercial, industrial, and/or institutional users, which may contribute significantly to wastewater flows will be identified and investigated individually through discussions with District staff.

Deliverable: Included in Technical Memorandum in PDF format.

B. Existing System Description

WEBB will describe the existing sewer system characteristics. This description shall include trunk/interceptor system, pressure systems consisting of lift stations and force mains, diversion structures, and existing sewer system flows and the current contracted treatment capacity.

Deliverable: Included in Technical Memorandum in PDF format.

C. Current System Deficiencies

Beyond currently known flow capacity issues in the existing system, detailed flow evaluation and hydraulic deficiencies of the existing system will be identified in the sewer modeling task. We will summarize any problem areas such as surcharging, pipe-size deficiencies, sags, cracks, roots and other deficiencies. It is noted, the District has approximately 291,000 feet of 8-inch or smaller pipe. One (1) field investigation of existing lift station facilities is included in this effort for a cursory review; otherwise, WEBB will rely on the District's existing data at time of the request for data.

Deliverable: Included in Technical Memorandum in PDF format.

D. Determine Wastewater Generation Factors

WEBB will review and update the current flow generation data for the various land uses (residential, commercial/industrial, infiltration/inflow, miscellaneous uses) in the District. Based upon the targeted flow monitoring and SCADA data, a review and update of the District's wastewater peaking factors will be performed.

Deliverable: Included in Technical Memorandum in PDF format.

E. Future Wastewater Flow Projections

Based upon the determination of the wastewater generation factors for various land use categories and the future land uses planned by the City of Jurupa Valley and other

known/current planning data, the future projected wastewater flows will be determined under the near-term and long-term scenarios.

Deliverable: Included in Technical Memorandum in PDF format.

F. Technical Memorandum

WEBB will prepare a technical memorandum summarizing the historical and current flows, system description and deficiencies, targeted flow monitoring results, wastewater generation factors, peak factors and future wastewater flow projections determined in Task 3 along with supporting Tables and GIS exhibits.

Deliverable: Technical Memorandum in PDF format.

Task 7. Sewer Model Analysis

WEBB proposes to use InfoSewer modeling software which will be compatible with GIS atlas mapping and easy conversion from H2OMap data. WEBB is using this software for JCSD's sewer master plan update and is used by Riverside and a number of other local agencies in Southern California.

A. Create Model Pipeline Network and Facilities from GIS data

The District will provide a complete H2OMap Sewer model to WEBB in order to convert the model to InfoSewer. In addition, all supplemental information, atlas maps, record drawings, etc. to support the task is anticipated to be provided by the District. WEBB assumes that the model provided by the District is in working order with the required data and that it will take minimal effort to address any missing functionality. WEBB will deliver a completed and fully functional model of the sewer collection system for modeling purposes. The model shall include all sewers 4-inches in diameter and larger, excluding service laterals. Sewer attributes such as manhole invert and rim elevations, pipeline invert elevations and diameters. Materials of construction and age will be included if already available in the data bases. We have assumed all the information will be correctly provided and have assumed three (3) days of effort to fix any deficiencies or supplement the District supplied information. It is important all the information requested to be attributes in the model are complete and correctly formatted.

Deliverable: Operational Model.

B. Calibrate Model

WEBB will utilize the targeted flow monitoring information from Task 3, any lift station flow data and any overall sewer flow data to assist in model calibration. The accuracy of the calibration results shall be summarized in tabular and graphical format for each of the metered sites. The results shall be presented for both dry and wet weather (if wet weather data is available), average and peak flows to indicate the accuracy to the model.

Deliverable: Model accuracy in tabular and graphical form in PDF format.

C. Perform Sewer System scenario runs

WEBB will prepare the pipe design and system operation parameters for the evaluation guidelines for the analysis of the wastewater system. The criteria will include the generation and peaking factors, wet weather requirements, definition of hydraulic deficiencies for each pipe size, and pipe full flow failure points. Utilizing the approved

evaluation criteria, the following analysis shall be performed for existing (near-term), 20-year (long-term) and ultimate build-out conditions:

- ✓ *Gravity and Force Main Capacity Evaluation under Peak Dry-Weather and Wet-Weather Conditions*
- ✓ *Lift Station Capacity Evaluation under Peak Dry-Weather and Wet-Weather Conditions*

Any capacity deficiencies will be identified and the model will be used to identify and size improvements to meet the criteria.

Deliverable: Evaluation Criteria in PDF format.

D. Technical Memorandum

WEBB will prepare a technical memorandum summarizing the model selection, creation, calibration, evaluation criteria, proposed scenarios and runs and results.

Deliverable: Included in Master Plan in PDF format.

Task 8. Capital Improvement Program Development

A Capital Improvement Program (CIP) will be developed based on the results of the existing and future system hydraulic analyses. It will include all identified improvements required to support future growth in the service area, as well as improvements required to correct existing system capacity and operational deficiencies. The CIP will include: recommendations for improvements to the water distribution system, supply sources, pump stations, storage facilities, treatment facilities, and instrumentation. WEBB will meet with the District for review and obtain comments at appropriate points. Cost estimates will be developed for each recommended CIP project and will include engineering, construction, and other contingencies. To the extent possible, cost estimates will be based on actual bid data for similar projects in the area for agencies with similar contract requirements to the District.

Deliverable: Included in Master Plan in PDF format.

Task 9. Capacity Fee Update

WEBB will review the CIP program and recommend facilities to be used for capacity fees for new connections and those to be funded by water meter fees. WEBB will do the same analysis for sewer connection fees and monthly sewer charges. WEBB will closely work with District staff to finalize this split and recommended fee structure.

Deliverable: Technical Memo or Included in Master Plan Report in PDF format.

Task 10. Master Plan Reports (Draft and Final)

The work effort and the results will be presented in a Master Plan report, separate reports for water and for sewer. The reports will also include clear exhibits with appropriate scale to illustrate the data used, analyses performed, and the recommendations. A separate technical memorandum will be prepared on the capacity/connection fees with references to the Master Plan reports. Appendices for the reports will include the backup information utilized in formulating the

recommended improvements and the hydraulic runs performed. At a minimum, the Water Master Plan report will include:

- Executive Summary
- Introduction
- Study Area
- Water Use
- Water Supply
- Existing System
- Service Criteria
- Hydraulic Model
- System Analysis
- Ultimate System
- Capital Improvement Program
- Appendices

The contents of the Sewer Master Plan report will consist of the following:

- Executive Summary
- Introduction
- Existing and Projected Land Use and Population Growth
- Sewer System Analysis Criteria
- Existing Facilities Description
- Projected Wastewater Flows
- System Hydraulic Analysis
- Ultimate System
- Capital Improvement Program
- Appendices

Deliverables

Draft Water Facilities Master Plan

Draft Wastewater Facilities Master Plan

Draft Capacity Fee Technical Memorandum

Final Water Facilities Master Plan incorporating District Comments

Final Wastewater Facilities Master Plan Incorporating District Comments

Additional Services

Services which are not specifically identified herein as services to be performed by WEBB are considered additional services for the purposes of this Proposal. The District may request that WEBB perform services which are additional services. WEBB Associates will perform such additional services upon execution of an amendment to the Original Agreement setting forth the scope, schedule and fee for such additional services. WEBB will also provide prior notice to the District, and obtain acceptance from same, before performing work outside the contract work scope and thereby contract budget amount.

Exclusions

Any work relating to the following is specifically excluded for the services proposed herein and, if required, must be contracted for under a separate contract or as an addendum to this contract:

1. Detailed Control Assessment of Water beyond District information
2. CEQA Documentation
3. Financial Plan beyond capacity fee calculations
4. Review or update to water Connection Fees and Water Rates
5. Any District Standards updates
6. Purchase of any equipment, hardware or software for the District to run the water system hydraulic model
7. Additional Meetings

3. 2020 Urban Water Management Plan

Overview

The Urban Water Management Plan (UWMP) is an important evaluation of Rubidoux Community Services District's (District) overall effort toward sustainable water supply. Prepared on a regular five-year schedule, the UWMP provides useful information to the public about water suppliers, their water management programs, and provides a framework for water planning to minimize the negative effects of potential water shortages.

Project Understanding

WEBB understands the District is required to prepare an accurate and informative UWMP that will evaluate water supply sustainability, assess means to maintain reliability, and to communicate with the community. WEBB realizes the importance of a collaborative working relationship with District staff, as well as disseminating information and collecting constructive feedback from all interested parties of the community. The project schedule begins with a “kickoff meeting” to begin the data collection process, followed by meetings roughly every three (3) weeks to continue transmitting data. Our schedule begins in December 2020, with a final document sent to Department of Water Resources by July 1, 2021.

Approach

Our approach to UWMPs provides compliance with the California Water Code (CWC) and supports the District's future overall water management. WEBB intends to follow systematic technical tasks which follow the 2020 UWMP Guidebook for Urban Water Suppliers, thus providing a process that can be easily followed and supports compliance. Department of Water Resources (DWR) has provided guidance materials at workshops, in which WEBB attended on March 10, 2020 and September 16, 2020. It is assumed that the District intends to award contracts to the same consultant for the Water Master Plan update, WEBB has assumed the UWMP and the Water Master Plan will proceed simultaneously and information needed for both plans will be developed only once to avoid duplication of effort.

The drought of 2012-2017 brought about many changes to the UWMP requirements in the California Water Code (CWC). Specifically, for the 2020 cycle, the State is looking at long-term reliability and resilience to drought and climate change. The following are additional key items DWR has targeted for inclusion in the 2020 UWMP:

- Water Shortage Contingency Plan with prescriptive elements;
- 5-Year Drought Risk Assessment;
- Lay person's description of reliability;
- Long-term forecast for each water supply source, including climate change effects;

- Projected land use changes in demand forecasting;
- Seismic risk assessment and mitigation plan;
- Energy analysis;
- Water saving from codes, standards, or ordinances now required;
- Include five (5) prior years of system water loss audits; and
- Groundwater Sustainability Plans, when applicable.

The Water Shortage Contingency Plan shall be a part of the UWMP but written like a standalone document that is adopted and periodically updated separately from the UWMP. Similarly, it is recommended the Drought Risk Assessment is written like a standalone document for revisions to be made in the future, as needed.

Although the “final” 2020 UWMP Guidebook is not yet available, review of the draft guidebook suggests these changes will result in additional required information but no significant changes from the types of data the District included in its 2015 UWMP.

Scope of Work

Task 1: Plan Coordination

This task includes project management, a kickoff meeting, agency collaboration, public outreach, close coordination with District staff, two (2) public presentations, and a public hearing for consideration of adoption of the UWMP.

Task 1.1: Kickoff Meeting

The Project will begin with a kickoff meeting to identify and acquire needed information, gain guidance, and discuss potential issues. The kick-off meeting should include key staff from the District, in particular the Engineering and Finance staff. It will include identification of several components, such as team member roles, affected agencies and interested parties to be included in the process. We will confirm a detailed schedule, discuss methods to obtain data, and review the technical approach. A data request will be circulated two (2) weeks prior to the kick-off meeting.

Task 1.2: Agency Coordination and Public Outreach

When a supplier shares a common supply source, the CWC requires communication and collaboration with the other users. Therefore, the 2020 UWMP will include input from local and regional agencies. We recommend the following to receive notices and solicited for comments and/or data on the UWMP as appropriate: members of the City of Riverside, Jurupa Community Services District, and Western Municipal Water District.

The District may have a list of interested parties and requirements for notifications for public meetings and notices. WEBB will assist in updating the list and provide a timeline for notifications with the understanding that District staff will manage

the notifications. We assume the District will update its web site with relevant notices, a copy of the draft UWMP and ultimately the final UWMP.

Task 1.3: Presentations and Public Hearing

WEBB has budgeted to provide presentations to update the District at public meetings and to solicit input. These are:

1. Describe UWMP requirements and process to RCSD Board
2. Presentation of Draft to RCSD Board
3. Presentation of Final Draft to RCSD Board
4. Public Hearing for consideration of adoption of the Final UWMP by RCSD Board.

The public hearing will need to be noticed in the local newspaper in accordance with Section 6066 of the Government Code. We anticipate District staff will handle the scheduling, announcements, public notifications (and associated fees), but WEBB can assist as needed.

Task 1.4: Project Management

This task includes regular communication with staff, no less than once every three (3) weeks, and a monthly update of the project budget as a line item on our invoice.

Task 2: Data Collection

As noted previously, WEBB understands that the District intends to award the Water Master Plan update and the 2020 UWMP update to the same consultant. WEBB will make one data request that covers both projects and combine its analysis of land use and water demand. WEBB will submit a list of requested data prior to the kick off meeting.

Task 3: Service Area Description

Task 3 corresponds to Chapter 3 of the Draft 2020 UWMP Guidebook. WEBB will update the description of the District's service area and required demographics. CWC now requires several new elements as part of the system description including, socioeconomic information, coordination with the land use agency for the service area, as well as consideration of climate change conditions. In addition, it will include a discussion of the water system, recent water system improvements, and major potential developments. WEBB will coordinate with District staff to obtain the information needed for this work.

Task 3.1: Population

Population data are fundamental to water demand estimates. WEBB will utilize existing and projected population data to be developed as part of the Water Master Plan. Population data will be presented in five-year increments from 2015 to 2040.

Task 4: Water Demand Documentation

Task 4 corresponds to Chapter 4 of the Guidebook (Water Use). WEBB will utilize same information developed for the 2020 Water Master Plan to the extent possible.

Task 4.1: Historical and Current Water Demand

The water demand analysis conducted for the 2020 Water Master Plan will be used to describe historical water demand. However, CY 2020 consumption will need to be provided by the District pursuant to CWC. WEBB recommends using DWR's Planning Tool and DWR's climate change form to determine effects on water use. WEBB will work with the District to complete the climate change form, analyze the results, and collaborate on adaptation strategies. In addition to Chapter 4 (Demand), this climate change analysis will also be used in Chapters 6 (Supply), and 7 (Reliability). Water use for the last five (5) years and projected water use by customer type will be reported in five-year increments from 2020 to 2045.

Task 4.2: Future Water Demand

Future water demands will be evaluated in five-year increments to 2040. These estimates will be prepared to be consistent with past methodologies whenever possible; methodologies or values will be explained, including for example, the effect of climate change, mandatory water use restrictions and the potential impact of listing those restrictions in the future.

Task 5: Confirm Progress on 20% Use Reduction by 2020

With the adoption of the Water Conservation Act of 2009, also known as Senate Bill X7-7 (SB X7-7), the State is required to set a goal of reducing urban water use by 20 percent by the year 2020. This task will include completing the DWR tables that confirm District progress over the last five (5) years to achieving the target water use determined in the 2015 UWMP.

Task 6: Water Supply Documentation

Using existing Master Plan information that we already have in-house, WEBB will update the District's description of its existing water supply portfolio and management methods including three (3) aspects of each supply source: maximum allotment based on rights, entitlements or contracts; typical production rates; and maximum production rates based on pumping capacities. Other supply limitations including water quality issues will be described for each source. Clarifying these details for each source is an additional step and additional effort as compared to the 2015 UWMP. This effort will translate to data the District can use for future Water Supply Assessments/Verifications and other planning efforts. Opportunities for future projects like recycled water, transfers, exchanges, or desalinated supply would also be described. Projections of reasonably available water supplies by source will be projected in five-year periods from 2020-2040/5. Supply reliability will include description of how the District will maximize resources, secure additional supply sources and minimize the need for imported water.

Task 6.1: Groundwater

The UWMP is required to have specific considerations for groundwater supplies, including the nuances of adjudicated basins. As required by CWC 10631(b)(4)(B), the groundwater basin utilized by the District will be described including location, amount, and sufficiency of groundwater pumped for the past five (5) years. The amount projected to be pumped by the District will also be estimated. To save effort, existing resources that already have adequate information such as Western-San Bernardino Watermaster will be used as appropriate.

Task 6.2: Energy Use

Water supply systems rely on significant amounts of energy to move water from source to treatment to customer. A new requirement for 2020 will be describing to the extent possible the energy used to extract, divert, convey, treat, distribute, or store the District's water supplies. WEBB will work with the District to complete a table created by DWR in the Guidebook to meet this requirement.

Task 7: Water Supply Reliability and Drought Risk Assessment

The state has placed keen interest in supply reliability and resiliency during long-term drought and water shortage conditions. Chapter 7 of the 2020 UWMP will contain an assessment of water service reliability, as well as a five-year Drought Risk Assessment (DRA). The reliability assessment will include current constraints on the District's water supply, such as inconsistent availability or water quality issues. Known future constraints will then be discussed, including planned actions or strategies to address noted vulnerabilities. Actions could include plans to supplement or replace water sources with alternative sources or demand management strategies to the extent practicable. The quality of the source water and how it may affect water management strategies will be described.

Task 7.1: Drought Risk Assessment

DWR recommends the DRA to be written like a standalone section that can be modified or updated more frequently than every five (5) years with the UWMP. The DRA will be based on the five (5) driest consecutive years on record. It is also required that the analysis include plausible changes in climate (i.e. historical drought hydrology), regulations, and other locally applicable criteria. The data, methods, and basis for one or more supply shortage conditions is required. The DRA will be part of the information considered in developing Demand Management Measures (DMMs) (Chapter 9 of the 2020 UWMP) and future water supply projects (Chapter 6 – Supply). The DRA will include a determination of the reliability of each source of supply under a variety of water shortage conditions.

Task 8: Water Shortage Contingency Plan

Chapter 8 of the UWMP will contain the District's Water Shortage Contingency Plan (WSCP). The WSCP is a detailed plan for how the District intends to act in the case of an actual water shortage condition. The WSCP was an analysis required in the 2015

UWMP, but for 2020, the state requires that it be written like a standalone document and, in the future, amended as needed as a separate document from the UWMP. The WSCP must also be adopted by the District Board of Directors when it adopts the UWMP. Fortunately, many of the required elements of the 2020 WSCP were in the 2015 UWMP or part of standard operations and maintenance protocols of water suppliers; therefore, WEBB will work with the District to describe how they managed the last big drought event. The WSCP will have the following 12 sections pursuant to CWC Section 10632, including the effects on revenue and expenses during a water shortage, and how the District would mitigate those effects.

- 8.1. Water Supply Reliability Analysis*
- 8.2. Annual Water Supply and Demand Assessment Procedures*
- 8.3. Six Standard Water Shortage Stages*
- 8.4. Shortage Response Actions*
- 8.5. Communication Protocols*
- 8.6. Compliance and Enforcement*
- 8.7. Legal Authorities*
- 8.8. Financial Consequences of WSCP*
- 8.9. Monitoring and Reporting*
- 8.10. WSCP Refinement Procedures*
- 8.11. Special Water Feature Distinction*
- 8.12. Plan Adoption, Submittal, and Availability*

Task 9: Demand Management Measures

Chapter 9 of the 2020 UWMP will describe the programs (and future programs) implemented by the District to meet its urban water use reduction targets. No changes to this requirement were made since 2015. The following must be specifically addressed: water waste prevention ordinances, metering, conservation pricing, public education/outreach, programs to assess and manage distribution system real loss, water conservation program coordination and staffing support, and any other measures that have an impact on water use as measured in gallons per capita per day, including innovative measures. WEBB will work closely with the District regarding water conservation.

Task 10: Administrative Draft, Draft and Final Plans

WEBB will prepare a report to satisfy DWR requirements and to provide a plan that supports the District in their cooperative planning and management of water resources. We intend to provide a report that is complete, succinct, readable and accessible to District staff, policy makers, and interested stakeholders. Specifically, a “layperson’s description” will be added to the beginning of each chapter to meet the new CWC requirement to make it readable by a layperson. The plan will basically follow the tasks outlined herein, be appropriately illustrated, include all required tables. Detailed analyses and relevant documents will be provided in the appendices.

Task 10.1: Administrative Draft

WEBB will prepare and submit an electronic Administrative Draft for staff review. A review time of approximately three (3) weeks and comments provided in one location is assumed. Any comments incorporated from this review will produce the draft UWMP presented to the District's Board members in a public presentation (see Task 1.3).

Task 10.2: Final Draft UWMP

Any additional comments received from the Board or public during the Board presentation will be incorporated into a Final Draft. WEBB will provide an electronic copy for staff review and/or direct distribution to interested parties and the public.

Task 10.3: Final UWMP

WEBB will compile written and verbal comments on the Final Draft UWMP, provide recommendations for addressing each comment and incorporate necessary changes into the Final UWMP. The document will be delivered electronically and two (2) hardcopies for District use. No later than 30 days after adoption, WEBB will assist with submittal of a copy of the final plan to DWR, the State Library, all cities within which the District provides water supplies, and Riverside County.

Task 10.4: Errata

It is not uncommon for errata to be prepared for the UWMP to address comments after DWR's review. WEBB will respond to and prepare an UWMP Errata, if necessary. We assume the errata will be posted publicly wherever the Final UWMP is located, and that a new UWMP document will not be created.

Additional Services

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

Exclusions

Any work relating to the following is specifically excluded for the services proposed herein, and, if required, must be contracted for under a separate contract or as an addendum to this contract:

1. Legal review and input of document
2. The District is to pay for reproduction of documents.
3. Filing and posting fees (County Clerk, newspaper, etc.) are not included in this scope and budget and are to be paid directly by the District.
4. Any other work tasks not specifically indicated in the Scope of Services.

4. Operational Development Plan

Project Understanding

Rubidoux Community Services District (District) is requesting a proposal for the preparation of an Operations Plan for their potable water wells and treatment facilities to minimize the likelihood of bacteriological build up and minimize additional media replacement costs. The District's goal is to develop and use this plan as an effective tool for their water operations team.

The District service area covers approximately 8.9 square miles of northwest Riverside County and includes a portion of the city of Jurupa Valley. The District serves approximately 26,000 people and is governed by five (5) elected representatives.

The District's potable water distribution system consists of approximately 70 miles of potable water pipelines ranging from 2-inches to 24-inches in diameter and six (6) active well pumping plants, three (3) booster pumping plants, two (2) main pressure zones, and five (5) water storage reservoirs with 6.4 MG of storage. Water is supplied to the District's service area from local groundwater sources, with emergency connections from Jurupa Community Services District (JCSD).

Our approach on this project will be to combine the initial effort of understanding the well and treatment facilities' capabilities / limitations and the system demand variations with our research and development of the water demand scenarios for the Water Master Plan. This approach will provide efficiencies for the District and ensure the details are not missed in developing an Operations Plan.

WEBB is teaming with our water and wastewater treatment partner, AQUA Engineering, in the development of the operations plan. AQUA has developed similar operations plans for other small to medium water and sewer agencies, and brings to the team a detailed understanding of treatment plants and their unit operations.

Critical to the success of this project, WEBB will keep the District Operations team 'in the loop' throughout the development of the plan. The plan will need the District Operations team to carefully review the plan and highlight system limitations that must be accounted for in the plan. Our focus will be to ensure the plan covers all anticipated situations, is easy to understand and can be easily implemented by the Operations personnel. Our goal is a user-friendly approach that will not collect dust on an office shelf.

Scope of Work

Task 1. Project Management and Meetings

WEBB will manage and coordinate all components of the Project and take a proactive role in keeping all tasks on schedule and budget to ensure timely completion of the

Project. WEBB will combine this effort with the Water and Sewer Master planning work and therefore we have budgeted only a few hours for this task.

Task 2. Potable Water Operational Parameters

Most of the information needed for this task will be obtained currently with the water master planning effort, keeping duplication of effort to a minimum.

A. Existing System

WEBB shall review and describe the District's existing water system characteristics. This description shall include the following:

- a. Well operations, capacities limits
- b. Water treatment facilities
- c. Water supply system schematic
- d. Anticipated Water Quality Considerations
- e. Water system facility characteristics
- f. Water storage capacity and typical seasonal operating conditions and limitations

B. Proposed or Future Facilities

WEBB shall review and describe the proposed or future water system facilities and their anticipated characteristics. These will be added to the existing system characteristics and schematic.

Our team will coordinate with any consultants or manufacturers who designed or provided treatment equipment to ensure the operating limits and capabilities are well documented. Our focus will be to maintain media quality throughout its anticipated useful life.

Task 3. Operations Plan Development

A. Minimum Day

WEBB will develop an operations plan for critical demand points. For this effort, the focus will be on the minimum day demand and the required turn-down of operations to meet that minimum demand. Minimum day will be determined by a review of operation records and estimates based on seasonal demand trends. Tank levels and turn-over to meet water quality and age targets will be considered in the analysis and plan development. Some Extended Period Simulation (EPS) modeling using diurnal curves will be utilized to confirm approach and tank levels.

B. Options at Various Demands

WEBB will also review other typical demand scenarios for average day and maximum day operations.

C. Operational Controls

WEBB will propose operational controls to meet the water quality and operations objectives of minimizing media replacements. WEBB will summarize our recommended approach into a short list of approaches. Critical to the success of this project, WEBB will keep the District Operations team ‘in the loop’ throughout the development of the plan. WEBB will hold a workshop with key Operations personnel to review and validate the proposed approach. WEBB will incorporate District’s comments and finalize the approach and schematics.

Task 4. Plan Reports and Exhibits (Draft and Final)

The work effort and the results will be presented in a report with exhibits highlighting the Operations Plan. Exhibits for the reports will be suitable for use by Field Operations. At a minimum, the report will include:

- Summary
- Introduction
- Water Use Demands
- Water Supply Facilities
- Proposed or Planned Facilities
- Operational Plan
- Exhibits

Deliverables

Draft Operations Plan

Final Operations Plan

Additional Services

Services which are not specifically identified herein as services to be performed by WEBB are considered Additional Services for the purposes of this Proposal. The District may request WEBB to perform services which are additional services. WEBB will perform such additional services upon execution of an amendment to the Original Agreement setting forth the scope, schedule, and fee for such additional services. WEBB will also provide prior notice to the District, and obtain acceptance from same, before performing work outside the contract work scope and thereby contract budget amount.

Exclusions

Any work relating to the following is specifically excluded for the services proposed herein and, if required, must be contracted for under a separate contract or as an addendum to this contract:

1. Detailed Control Assessment of Water beyond District information
2. CEQA Documentation
3. Any District Standards updates

5. America's Water Infrastructure Act (AWIA)

Overview

America's Water Infrastructure Act compliance will allow Rubidoux Community Services District (District) to be eligible for funding programs through either the State of California Office of Emergency Services or the Federal Emergency Management Administration.

Project Understanding

WEBB understands the District is required to prepare a Risk and Resilience Assessment (RRA) and an Emergency Response Plan (ERP) to comply with the America's Water Infrastructure Act (AWIA) requirements. WEBB realizes the importance of a collaborative working relationship with District staff. The project schedule begins with a "kick-off meeting" to begin the data collection process, followed with meetings roughly every three (3) weeks to continue transmitting data and coordinating reviews and feedback on the work product. Our schedule begins in December 2020, with a final document ready to meet the July 1, 2021 deadline. The ERP update will be prepared within six (6) months of the RRA to meet the act requirements.

Approach

Although AWIA does not specify specific methods for compliance, our approach to is to follow America Water Works Association (AWWA) standard for risk assessments, J-100-10, as a tried and true approach for water systems. WEBB intends to follow the steps outlined in the standard with the appropriate level of effort for the District circumstances. It is assumed that the District intends to award contracts to the same consultant for the Water Master Plan update, WEBB has assumed that preparation of the RRA and ERP as well as the Water Master Plan will proceed simultaneously and information needed for both plans will be developed only once to avoid duplication of effort. The RRA reviews the risks for malevolent acts and natural hazards, evaluates monitoring practices and ensures the Financial Infrastructure is part of the effort.

The key elements outlined in the J-100 are as follows:

- Asset Characterization;
- Threat Characterization;
- Consequence Analysis;
- Vulnerability Analysis;
- Threat Likelihood Analysis;
- Risk / Resilience Likelihood;
- Risk / Resilience Management;

The ERP identifies strategies and resources to improve the resilience of the systems, implementable plans, procedures and equipment that can be used in response to an

event; and actions, procedures and equipment to reduce the impact of an event or incident. A final deliverable will be an action plan for reasonable implementation based on the resources available to the District.

We intend to approach this work with a short series of discussions/workshops with District staff integrated into the program management approach to finalize the characterization and analyses required to ensure that the work is appropriate for the District and the District approves the work at each step before proceeding the next step.

Scope of Work

WEBB will perform the following Scope of Work for preparation of the AWIA compliance. The project management for the project will be folded into the overall program management and it is not anticipated that any additional effort will be expended on project management of this work. WEBB intends to build on any Risk Assessment and/or Emergency Response Plan previously prepared for the District to save costs.

Task 1: Asset Characterization

This task includes will leverage effort for the master plan preparation to define and characterize the District's assets.

Task 2: Threat Characterization

This task will focus on threat characterization of each asset. WEBB will draft the list of potential threats and review with key District staff to validate prior to proceeding to Task 3. It is anticipated that hurricanes and tornadoes will not be considered threats for the District.

Task 3: Consequence Analysis

In Task 3, WEBB will identify the realistic consequences of each identified threat following the AWWA standard.

Task 4: Vulnerability Analysis

The Vulnerability Analysis will include a systematic examination of the ability of an asset to withstand a specific threat or undesired event. The analysis will include current security and emergency preparedness procedures and controls.

Task 5: Threat Likelihood Analysis

For each threat-asset pair, the likelihood of the threat to occur will be estimated. Earthquakes frequency will be based on USGS data.

Task 6: Risk / Resilience Likelihood

This task will combine the results of Tasks 1 through 5 into estimates of the District's risk and resilience and the community's resilience to each threat-asset pair. Both the risk and current resilience will be calculated.

Task 7: Risk / Resilience management

This task will focus on whether actions are needed to enhance all-hazards security or resilience or both and deciding on a prioritized action plan. The steps include decide the acceptable risk levels; define countermeasures, if any; estimate the capital and operating costs; identify options, calculate net benefits and benefit-cost ratios, and determine options. Follow on actions by the District will be budgeting and implementing the selected options.

Task 8: Update Emergency Response Plan

Under this task, the existing ERP will be updated for the current the District organization. Sections will be enhanced or added based on the selected options for implementation coming out of the RRA. The District will have the responsibility to implement the ERP and periodic updates as warranted.

Task 9: Draft and Final Plans and Reports

WEBB will prepare a draft and final plans and reports to satisfy AWIA requirements. Drafts will be submitted to the District staff for review and approval prior finalization and submittal to regulatory agencies.

Additional Services

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

Exclusions

Any work relating to the following is specifically excluded for the services proposed herein, and, if required, must be contracted for under a separate contract or as an addendum to this contract:

1. Legal review and input of document
2. The District is to pay for reproduction of documents.
3. Implementation of any actions identified for the RRA or ERP.
4. Any other work tasks not specifically indicated in the Scope of Services.

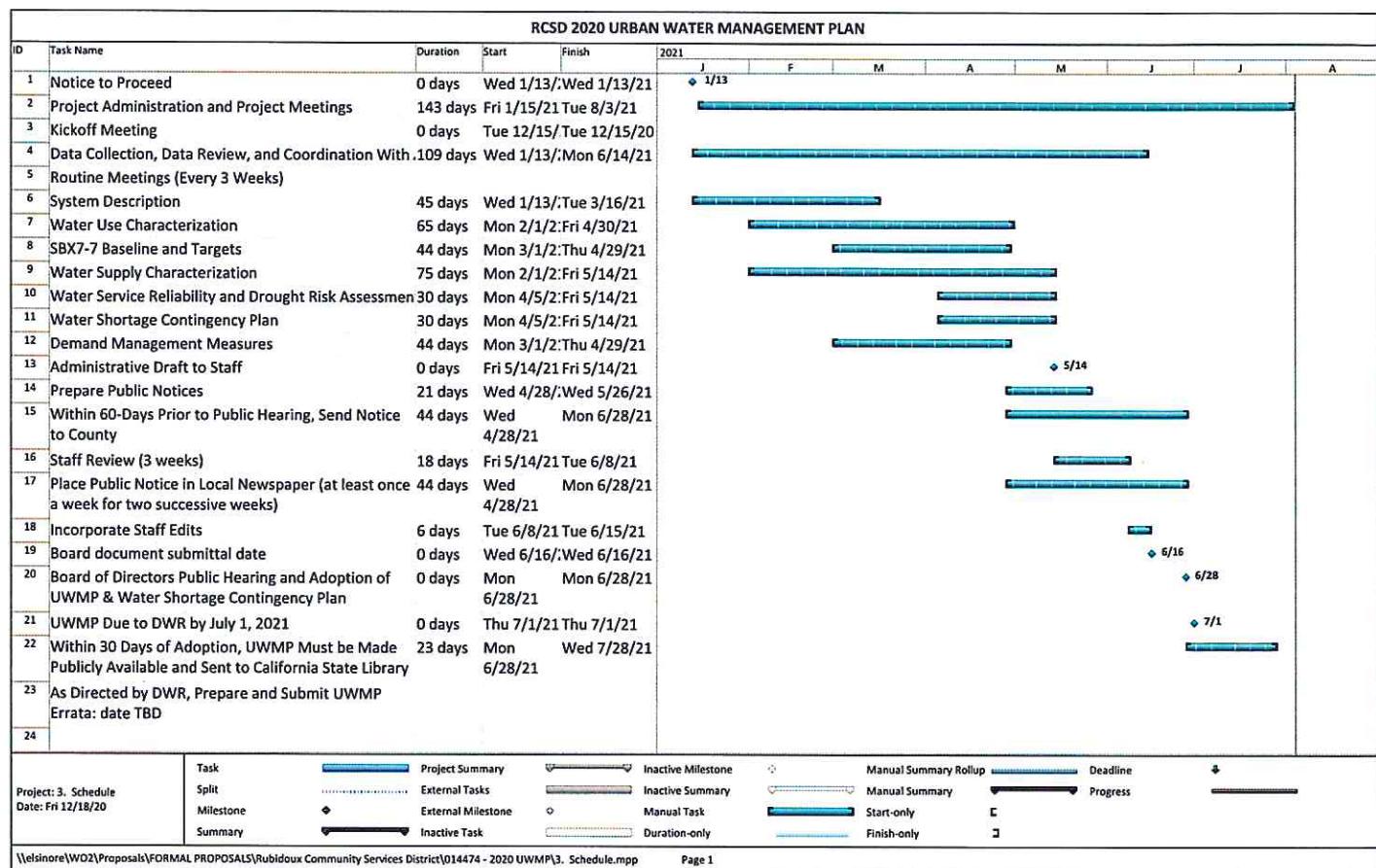
6. Program Schedules

Rubidoux Community Services District - Water and Sewer Facilities Master Plans										
ID	Task Name	Start	Finish	2021						
				Jan	Feb	Mar	Apr	May	Jun	Jul
1	TASK 1 - PROJECT MANAGEMENT AND MEETINGS	Fri 1/15/21	Tue 8/10/21							
2	Kick Off Meeting	Fri 1/15/21	Fri 1/15/21	◆ 1/15						
3	Board Workshop	Mon 6/14/21	Mon 6/14/21							
4	Board Action	Tue 8/10/21	Tue 8/10/21							
5	TASK 2 - LAND USE AND EXISTING DATA REVIEW	Fri 1/15/21	Thu 1/28/21							
6	Initial Land Use and Population Projections	Fri 1/15/21	Thu 1/28/21							
7	Meet with City of Jurupa Valley	Fri 1/15/21	Fri 1/15/21							
8	Data Collection Review	Fri 1/15/21	Thu 1/28/21							
9	TASK 3 - POTABLE WATER SYSTEM ANALYSIS	Fri 1/29/21	Thu 2/4/21							
10	Existing System Description	Fri 1/29/21	Thu 2/4/21							
11	System Planning and Analysis Criteria	Fri 1/29/21	Thu 2/4/21							
12	TASK 4 - WATER MODEL DEVELOPMENT	Fri 2/5/21	Thu 2/18/21							
13	Model Geometry	Fri 2/5/21	Thu 2/11/21							
14	Facility Information	Fri 2/5/21	Thu 2/11/21							
15	Operational Controls	Fri 2/5/21	Thu 2/11/21							
16	Potable Water Demand Factors	Fri 2/12/21	Thu 2/18/21							
17	Peaking Relationships	Fri 2/12/21	Thu 2/18/21							
18	Potable Water Demand Allocation	Fri 2/12/21	Thu 2/18/21							
19	Diurnal Curves and User Patterns	Fri 2/12/21	Thu 2/18/21							
20	TASK 5 - WATER SYSTEM ANALYSIS	Fri 2/19/21	Fri 5/14/21							
21	Distribution System Analysis	Fri 2/19/21	Fri 3/19/21							
22	Water Supply Analysis	Mon 3/22/21	Fri 5/14/21							
23	Additional Analysis	Mon 3/22/21	Fri 4/9/21							
24	TASK 6 - SEWER FLOW PROJECTIONS	Fri 2/29/21	Fri 4/23/21							
25	Analyze Historical and Current Flows	Fri 2/29/21	Thu 2/4/21							
26	Current System Deficiencies	Fri 2/5/21	Thu 2/11/21							
27	Targeted Flow Monitoring	Fri 2/12/21	Fri 3/12/21							
28	Determine Wastewater Generation Factors	Mon 3/15/21	Fri 3/19/21							
29	Future Wastewater Flow Projections	Mon 3/15/21	Fri 3/19/21							
30	Technical Memorandum	Mon 3/22/21	Fri 3/26/21							
31	District Review of TM	Mon 3/29/21	Fri 4/16/21							
32	Final Technical Memorandum	Mon 4/19/21	Fri 4/23/21							
33	TASK 7 SEWER MODEL DEVELOPMENT	Fri 1/29/21	Fri 5/7/21							
34	Conversion of H2OMap Sewer data to InfoSewer	Fri 1/29/21	Mon 2/1/21	◆ 1/29/21						

Rubidoux Community Services District - Water and Sewer Facilities Master Plans

ID	Task Name	Start	Finish	2021									
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
35	Create InfoSewer Model Pipeline Network/Facilities from GIS data	Tue 2/2/21	Thu 2/4/21				■						
36	Calibrate Model		Mon 3/22/21	Fri 3/26/21									
37	Perform Sewer System scenario runs and prepare draft TM	Mon 3/29/21	Fri 4/9/21			■							
38	District Review of TM		Mon 4/12/21	Fri 4/30/21			■						
39	Final Technical Memorandum		Mon 5/3/21	Fri 5/7/21				■					
40	TASK 8 - CAPITAL IMPROVEMENT PROGRAM		Mon 5/17/21	Fri 5/28/21					■				
41	TASK 9 - CAPACITY FEE CALCULATIONS		Tue 6/1/21	Mon 6/14/21					■				
42	TASK 10 - MASTER PLAN REPORTS		Tue 6/15/21	Tue 8/10/21						■			
43	Prepare Draft Report		Tue 6/15/21	Tue 7/6/21						■			
44	District Review		Wed 7/7/21	Tue 7/27/21						■			
45	Final Report		Wed 7/28/21	Tue 8/10/21						■			

2020 Urban Water Management Plan



Operational Plan Development

Webb's basic approach to project scheduling this work will be to integrate it into the Water and Sewer Master Plan project. The basis of this work will be the wells and water treatment facilities and their operational parameters determined as part of the Water Master Plan research and data collection.

All project reviews and status reports will be incorporated into the overall program updates. We anticipate this work can be initiated after the data collection phase for the master plans. Therefore, according to the program schedule included in the Master Plan proposal, the Operations Plan will be worked on in late April and May 2021 with a draft report available for review in early June 2021.

America's Water Infrastructure Act Compliance

- The project schedule will be driven by the regulatory requirements for the AWIA due by July 1, 2021.
- The schedule will be integrated into the schedule for the Water and Sewer Master Plan updates.
- Webb proposes a project start date of mid January 2021.
- Webb will provide an administrative draft to the District no later than June 1, 2021.
- Webb and the District will finalize a detailed schedule at the kickoff meeting in mid-January 2021.

7. Program Fees

Rubidoux Community Services District

Water and Sewer Facilities Master Plan Updates

		Davis, Bruce A.	Sackett, Bradley A.	Danielson, Kristopher A.	Gomez, Gustavo A.	Drachslin, Chandler R.	DeShazer, Teresa M.	Caldwell, Joseph C.	DeWoody, Autumn	Total Hours	Subtotal - Labor	Sub-Consultant	Expenses	Total/task	Total Task
		Principal II	Principal I	Senior II	Assistant V	Assistant III	Project Coordinator	Principal I	Associate I						
	Classification														
	Billout Rate	\$ 273	\$ 252	\$ 214	\$ 155	\$ 123	\$ 104	\$ 252	\$ 166		Sub total - labor	Sub-Consultant	Expenses	Sub total - labor	Total Task
I	Project Management and Meetings	4	20				4	12		40	\$ 9,572	\$ -	\$ 400	\$ 9,972	\$ 9,970
	Project Management and Meetings	4	20				4	12		40	\$ 9,572	\$ -	\$ 400	\$ 9,972	\$ 9,970
II	Land Use and Existing Data Review	4	18	18	10		50	\$ 9,594	\$ -		\$ -	\$ -	\$ 9,594	\$ 9,600	
	Land Use and Population Projections	2	6	8	2		18	\$ 3,276	\$ -		\$ -	\$ -	\$ 3,276	\$ 3,280	
	Data Collection and Review	2	12	10	8		32	\$ 6,318	\$ -		\$ -	\$ -	\$ 6,318	\$ 6,320	
III	Potable Water System Analysis Criteria	6	5	5			4	20	\$ 3,861	\$ -	\$ -	\$ -	\$ 3,861	\$ 3,860	
	Existing Systems Description	4	1	1			4	10	\$ 2,009	\$ -	\$ -	\$ -	\$ 2,009	\$ 2,010	
	System Planning and Analysis Criteria	2	4	4			10	\$ 1,852	\$ -		\$ -	\$ -	\$ 1,852	\$ 1,850	
IV	Water Model Development	23	36	6			73	\$ 12,703	\$ -		\$ 100	\$ 12,803	\$ 12,820		
	Initial Workshop	6		2			8	\$ 1,841	\$ -		\$ 100	\$ 1,941	\$ 1,940		
	Model Geometry	3	8				11	\$ 1,626	\$ -		\$ -	\$ 1,626	\$ 1,630		
	Facility Information	3	8				11	\$ 1,626	\$ -		\$ -	\$ 1,626	\$ 1,630		
	Operational Controls	4	6	2			12	\$ 2,098	\$ -		\$ -	\$ 2,098	\$ 2,100		
	Potable Water Demand Factors	4	2	1			7	\$ 1,354	\$ -		\$ -	\$ 1,354	\$ 1,350		
	Peaking Relationship	4	2	2			8	\$ 1,606	\$ -		\$ -	\$ 1,606	\$ 1,610		
	Potable Water Demand Allocation	3	8				11	\$ 1,626	\$ -		\$ -	\$ 1,626	\$ 1,630		
	Diurnal Curves and User Patterns	2	2	1			5	\$ 926	\$ -		\$ -	\$ 926	\$ 930		
V	Water System Analysis	17	56	68	104	4	17	266	\$ 50,797	\$ -	\$ 300	\$ 51,097	\$ 51,100		
	Distribution System Analysis	1	8	12	30			51	\$ 8,547	\$ -	\$ 50	\$ 8,597	\$ 8,600		
	Additional Analysis		8	16	24		1	49	\$ 8,644	\$ -	\$ 50	\$ 8,694	\$ 8,690		
	Imported Water Supply Analysis	16	40	40	50	4	16	166	\$ 33,606	\$ -	\$ 200	\$ 33,806	\$ 33,810		

Rubidoux Community Services District

Water and Sewer Facilities Master Plan Updates

		Davis, Bruce A.	Sackett, Bradley A.	Danelson, Christopher A.	Gomez, Gustavo A.	Drachslin, Chandler R.	Project Coordinator	DeShazer, Teresa M.	Caldwell, Joseph C.	DeWoody, Autumn	Total Hours	Subtotal - Labor	Sub-Consultant	Expenses	Total/task	Total Task
		Principal II	Principal I	Senior II	Assistant V	Assistant III										
Classification																
	Bilout Rate	\$ 273	\$ 252	\$ 214	\$ 155	\$ 123	\$ 104	\$ 252	\$ 166			Sub total - labor	Sub-Consultant	Expenses	Sub total - labor	Total Task
VI	Sewer Flow Projections			22	22	4	5	7		60	\$ 10,894	\$ -	\$ -	\$ 10,894	\$ 10,890	
	Analyze Historical and Current Flows			4	8			1		13	\$ 2,348	\$ -	\$ -	\$ 2,348	\$ 2,350	
	Existing System Description			4	8		4	1		17	\$ 2,764	\$ -	\$ -	\$ 2,764	\$ 2,760	
	Current System Deficiencies			4				2		6	\$ 1,360	\$ -	\$ -	\$ 1,360	\$ 1,360	
	Determine Wastewater Generation Factors			2	4		1	1		8	\$ 1,404	\$ -	\$ -	\$ 1,404	\$ 1,400	
	Future Wastewater Flow Projections			8	2	4		2		16	\$ 3,018	\$ -	\$ -	\$ 3,018	\$ 3,020	
VII	Sewer Model Analysis	1	20	24	12	2	6	65	\$ 11,448	\$ -	\$ -	\$ 11,448	\$ 11,450			
	Convert Model Pipeline Network and Facilities		4	4	12		2	22	\$ 3,456	\$ -	\$ -	\$ 3,456	\$ 3,460			
	Calibrate model		4	4			2	10	\$ 1,980	\$ -	\$ -	\$ 1,980	\$ 1,980			
	Perform Sewer system scenario runs		1	12	16		2	2	33	\$ 6,012	\$ -	\$ -	\$ 6,012	\$ 6,010		
VIII	Capital Improvement Program	2	2	2	8		4	2	20	\$ 3,638	\$ -	\$ -	\$ 3,638	\$ 3,640		
	Capital Improvement Program		2	2	2	8		4	2	20	\$ 3,638	\$ -	\$ -	\$ 3,638	\$ 3,640	
IX	Capacity Fee Update	4				2	8	6	20	\$ 4,228	\$ -	\$ -	\$ 4,228	\$ 4,230		
	Analysis and Technical Memorandum		4				2	8	6	20	\$ 4,228	\$ -	\$ -	\$ 4,228	\$ 4,230	
X	Master Plan Report	1	10	6	6	12	28	20	72	155	\$ 26,387	\$ -	\$ 650	\$ 27,037	\$ 27,040	
	Draft Master Plan Reports		8	4	4	12	20	12	56	116	\$ 19,368	\$ -	\$ 250	\$ 19,618	\$ 19,620	
	Final Master Plan Reports		1	2	2	2		8	8	16	39	\$ 7,019	\$ -	\$ 400	\$ 7,419	\$ 7,420
	Total	24	103	167	60	191	49	89	82	769	\$ 143,122	\$ -	\$ 1,450	\$ 144,572	\$ 144,600	

Rubidoux Community Services District

UWMP

Total Task amounts are rounded to the nearest \$100

Rubidoux Community Services District

Operations Plan Development

Fee Schedule 2018	Classification	Principal II	Principal I	Senior Engineer	Associate Engineer	Assistant III	Project Coordinator	Xiong, Elizabeth Yunzhu	Dallin Stephens	Davis, Bruce A.	Sackett, Bradley A.	Total Hours	Subtotal - Labor	Expenses	Total/task	Total Task	
	Billout Rate	\$ 273	\$ 252	\$ 170	\$ 140	\$ 123	\$ 104	\$ -	\$ -	\$ -	\$ -	\$ -		Sub total - labor	Expenses	Sub total - labor	Total Task
I	Project Management and Meetings	1	2				1						4	\$ 881	\$ 19	\$ 900	\$ 900
	Project Management and Meetings	1	2				1						4	\$ 881	\$ 19	\$ 900	\$ 900
II	Operational Parameters	6	24	52									82	\$ 12,872	\$ -	\$ 12,872	\$ 12,870
	Existing Facilities	4	16	40									60	\$ 9,328	\$ -	\$ 9,328	\$ 9,330
	Proposed Facilities	2	8	12									22	\$ 3,544	\$ -	\$ 3,544	\$ 3,540
III	Operation Plan Development	4	6	12									54	\$ 8,876	\$ 20	\$ 8,896	\$ 8,890
	Minimum Day Analysis	4	8	20									32	\$ 5,168	\$ 6	\$ 5,174	\$ 5,170
	Other Demand Analyses	2	4	8									14	\$ 2,304	\$ 8	\$ 2,312	\$ 2,310
	Operational Controls	2	2	4									8	\$ 1,404	\$ 6	\$ 1,410	\$ 1,410
IV	Operations Plan Report	1	10	21	44	20	8						104	\$ 15,815	\$ 155	\$ 15,970	\$ 15,970
	Draft Plan and Exhibits	1	8	20	40	16	4						89	\$ 13,673	\$ 105	\$ 13,778	\$ 13,780
	Final Plan and Exhibits	2	1	4	4	4	4						15	\$ 2,142	\$ 50	\$ 2,192	\$ 2,190
	Total	2	24	55	118	20	9						244	\$ 38,444	\$ 194	\$ 38,638	\$ 38,630

Total Task amounts are rounded to the nearest \$10

Rubidoux Community Services District

AWIA Compliance

2018											Total Rounded to: \$10	
	Classification		Davis, Bruce A.	Sackett, Bradley A.	Drachslin, Chandler R	DeWoody, Autumn	Tobias, Monica	DeShazer, Teresa M.	Total Hours	Subtotal - Labor	Expenses	
	Billout Rate	\$ 273	\$ 252	\$ 123	\$ 166	\$ 176	\$ 104					
	Standard Cost	\$ 99.0	\$ 77.0	\$ 34.0	\$ 44.0	\$ 46.0	\$ 28.0					
Item	NLM	2.76	3.27	3.62	3.77	3.83	3.71					
		2	14	40	105	64	26	251	\$ 39,408	\$ 200	\$ 39,608	\$ 39,610
Task 1	Asset Characterization		1	2	1		2	6	\$ 872		\$ 872	\$ 870
Task 2	Threat Characterization		2		16	16	2	36	\$ 6,184		\$ 6,184	\$ 6,180
Task 3	Consequence Analysis		1	8	8	12	2	31	\$ 4,884		\$ 4,884	\$ 4,880
Task 4	Vulnerability Analysis		1	4	8	8		21	\$ 3,480		\$ 3,480	\$ 3,480
Task 5	Threat Likelihood Analysis		1	4	4	4		17	\$ 2,816		\$ 2,816	\$ 2,820
Task 6	Risk / Resilience Likelihood		1	2	4	4		11	\$ 1,866		\$ 1,866	\$ 1,870
Task 7	Risk Resilience Management		4	4	8		2	18	\$ 3,036		\$ 3,036	\$ 3,040
Task 8	Update Emergency Response Plan		1	8	16		2	27	\$ 4,100		\$ 4,100	\$ 4,100
Task 9	Draft and Final Reports and Plans / Project Management	2	2	8	40	16	16	84	\$ 12,170	\$ 200	\$ 12,370	\$ 12,370
Total		2	14	40	105	64	26	251	\$ 39,408	\$ 200	\$ 39,608	\$ 39,610

8. Key Personnel Overview

Water and Sewer Master Plans

Program Manager – Bradley Sackett, PE

Brad will be the prime point of contact and oversee and manage the all program phases and ensure that data is shared between the projects and effort is not duplicated. Brad has been involved in the planning, design and construction of water and sewer projects for over various public agencies over the last 20 years.

Project Manager – Joseph Caldwell, PE, CPESC, CPSWQ, QSD, QSP, CFM

Joseph will be the project manager for development and preparation of the Water and Sewer Master Plans. Joseph has been involved in the planning, design and construction of storm drain and development of master plans water for over various public agencies over the last 19 years.

Principal in Charge – Bruce Davis, PE

Bruce will be the principal in charge and will oversee all contractual issues. Bruce has been involved in the planning, design and construction of a variety of major water and wastewater improvements for over various public agencies over the last 35 years.

Project Engineer – Kris Danielson, PE

Kris has nearly 20 years of engineering experience in the water field. Kris has been responsible for preparation and running the water and sewer models for other agencies and is active in the design of various water facilities. Kris has had primary roles in design of the mechanical pumping facilities, water tanks and water pipelines.

Assistant Engineer – Gustavo Gomez, PE

Gustavo currently is working on water and sewer infrastructure design for multiple public agencies and does water hydraulic modeling for fire flow testing on behalf of Eastern Municipal Water District. Gustavo also has done sewer modeling and master planning for JCSD and has over five years of engineering experience at Webb Associates.

GIS Specialist – Chandler Drachslin, GISP

Chandler has been responsible for preparing JCSD's water and sewer population and land use maps in GIS format that have been utilized in the planning, and design on other water planning efforts. Chandler will provide the technical support in the use of GIS in the City of Jurupa Valley planning and land use information and interface of information for the model.

Support Staff

Webb has significant engineering and planning support staff for the project to assist the lead Webb Team members.

2020 Urban Water Management Plan

Program Manager – Bradley Sackett, PE

Brad will be the prime point of contact and oversee and manage the all program phases and ensure that data is shared between the projects and effort is not duplicated. Brad has been involved in the planning, design and construction of water and sewer projects for over various public agencies over the last 20 years.

Project Manager and Lead Data Analyst – Autumn DeWoody

Autumn has been responsible for preparing planning and CEQA documents for a variety of public agencies and private clients. Autumn has prepared 2015 UWMP for multiple agencies and attending DWR training for the 2020 UWMP update. Autumn specializes in regulation compliance and permit acquisition / coordination. Autumn will provide the technical support for data collection and analysis as well as report preparation.

Principal in Charge – Bruce Davis, PE

Bruce will be the principal in charge and will oversee all contractual issues. Bruce has been involved in the planning, design and construction of a variety of major water and wastewater improvements for over various public agencies over the last 35 years.

Technical Expert / Climate Change – Eliza Laws

Eliza is Webb's technical expert on Climate Change and Air Quality analyses. Eliza has been responsible for integrating climate change analyses into planning and CEQA documents for a variety of public agencies and private clients. Eliza will provide the technical expertise for this analysis and as well as preparation of sections on climate change.

GIS Specialist – Chandler Drachslin, GISP

Chandler has been responsible for preparing JCSD's water and sewer population and land use maps in GIS format that have been utilized in the planning, and design on other water planning efforts. Chandler will provide the technical support in the use of GIS in the City of Jurupa Valley planning and land use information and interface of information for the model.

Senior Technical Advisor – Sam Gershon, RCE

Sam has been involved in the planning, design and construction of numerous water and sewer projects for multiple agencies and will provide senior technical review and assistance for the 2020 UWMP update.

Support Staff

Webb has significant engineering and planning support staff for the project to assist the lead Webb Team members.

Operational Plan Development

Principal in Charge – Bruce Davis, PE

Bruce will be the principal in charge and will oversee all contractual issues. Bruce has been involved in the planning, design and construction of a variety of major water and wastewater improvements for over various public agencies for over 30 years.

Program and Project Manager – Bradley Sackett, PE

Brad will be the prime point of contact and oversee and manage the Operational Plan development efforts. Brad has been involved in the planning, design and construction of water and sewer projects for over various public agencies over the last 20 years.

Project Engineer – Kris Danielson, PE

Kris has nearly 20 years of engineering experience in the water field. Kris has been responsible for preparation and running the water and sewer models for other agencies and is active in the design of various water facilities. Kris has had primary roles in design of the mechanical pumping facilities, water tanks and water pipelines.

Project Engineer - Boris Petkovic, PE (AQUA Engineering)

Boris has nearly a decade of experience in water resources and wastewater engineering with a focus on wastewater treatment facility design. Boris has established a reputation for his extensive expertise in designing headworks, clarification/sedimentation facilities, biological reactors, tertiary treatment processes, disinfection facilities and biosolids stabilization and handling facilities. Boris has a background in modeling wastewater systems, including mass balance and hydraulic profile modeling and calculations. He also has completed several storm water, culinary water, and wastewater master plans and studies.

GIS Specialist / Assistant Engineer– Chandler Drachslin, GISP

Chandler has been responsible for preparing JCSD's water and sewer population and land use maps in GIS format that have been utilized in the planning, and design on other water planning efforts. Chandler will provide the technical support in the use of GIS in the City of Jurupa Valley planning and land use information and interface of information for the model.

Support Staff

Webb has significant engineering and planning support staff for the project to assist the lead Webb Team members.

America's Water Infrastructure Act

Program and Project Manager – Bradley Sackett, PE

Brad will be the prime point of contact and oversee and manage the all program phases and ensure that data is shared between the projects and effort is not duplicated. Brad will also take the role as project manager for this phase of work. Brad has been involved in the planning, design and construction of water and sewer projects for over various public agencies over the last 20 years.

Principal in Charge – Bruce Davis, PE

Bruce will be the principal in charge and will oversee all contractual issues. Bruce has been involved in the planning, design and construction of a variety of major water and wastewater improvements for over various public agencies over the last 35 years.

Data Analyst – Autumn DeWoody

Autumn has been responsible for preparing planning and CEQA documents for a variety of public agencies and private clients. Autumn specializes in regulation compliance and permit acquisition / coordination. Autumn will provide the technical support for data collection and analysis as well as report preparation.

GIS Specialist – Chandler Drachslin, GISP

Chandler has been responsible for preparing JCSD's water and sewer population and land use maps in GIS format that have been utilized in the planning, and design on other water planning efforts. Chandler will provide the technical support in the use of GIS in the City of Jurupa Valley planning and land use information and interface of information for the model.

Support Staff

Webb has significant engineering and planning support staff for the project to assist the lead Webb Team members.

11. CONSIDER PURCHASE OF TWO REGULAR CAB PICKUP TRUCKS:
DM 2021-03

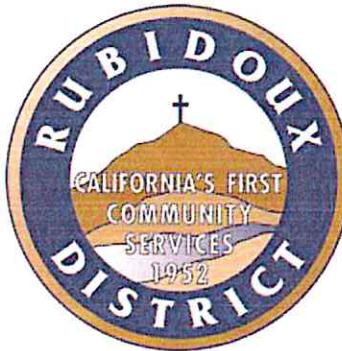
Rubidoux Community Services District

Board of Directors

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

Secretary-Manager

Jeffrey D. Sims



Water Resource Management

Refuse Collection

Street Lights

Fire / Emergency Services

Weed Abatement

DIRECTORS MEMORANDUM 2021-03

January 21, 2021

To: Rubidoux Community Services District
Board of Directors

Subject: Authorize the Purchase of Two Replacement Water Department Regular Cab Pickup Trucks

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 (½ 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 quote for a second Regular Cab Pickup Truck. Fairview Ford's quote for a new 2021 Ford F150 (single cab, $\frac{1}{2}$ 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 purchase expenditures for FY 2020/2021 will be \$41,659.04, leaving \$23,340.96 unused.

RECOMMENDATION:

Staff recommends the Rubidoux Community Services 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.

Respectfully,



JEFFREY D. SIMS, P. E.
General Manager

Attachments: Memo from Brian Jennings – December 31, 2020
 Fairview Ford Initial Pickup Truck Bid Documents
 Fairview Ford Second Pickup Truck Quote
 Fritts Ford Bid Documents
 2020/2021 Water Operating Fund Budget

MEMORANDUM

DATE: December 31, 2020

TO: Jeffrey D. Sims, General Manager
FROM: Brian Jennings, Manager Budgeting and Accounting

SUBJECT: Utility Department Vehicle Replacement Bid Results and Recommendation

Utility Vehicle purchase request is for One (1) new model year 2021 Ford F150 regular cab pickup truck. This was approved in the 2020/2021 Annual Water Fund Budget - Fleet Replacement; line item #45.

The new vehicle will be replacing the following:

- 2014 Ford F150 Pickup Truck
VIN# 1FMTMF1CM2EK09183

We requested bids from 10 different dealerships and we received 2 bids. Additionally, we requested an additive bid to include a 5-year/100,000 mile extended warranty on the Ford F150 Pickup Truck which has been itemized in the summary below.

On Tuesday, December 30, 2020, staff opened bids for One (1) New 150/1500 Regular Cab Pickup Truck and the bids are summarized below.

Series 150/1500 Regular Cab Pickup Truck

Rank	Dealer	New Truck Bid	Warranty	Trade-In	Total Bid	Model Year	In Stock	Meets Specs	Delivery**
*1	Fairview Ford - San Bernardino	\$ 23,710.52	\$1,065.00	\$(11,000.00)	\$13,775.52	2021	Yes	Yes	Delayed
2	Fritts Ford - Riverside	\$ 24,889.37	\$1,790.00	\$(8,500.00)	\$18,179.37	2021	Yes	Yes	Delayed

*The low bidder for the Pickup Truck is Fairview Ford – San Bernardino and meets specifications.

It is my recommendation that we issue a Purchase Order to Fairview Ford in the amount of \$13,775.52 for One (1) Ford F150 regular cab pickup truck, V-6 engine with Automatic Transmission.

Recommend also that Fairview Ford take the following vehicle in trade:

- 2014 Ford F150 Pickup Truck with approximately 77,000 miles
VIN# 1FMTMF1CM2EK09183
in the amount of \$11,000.00.

Attachment: Dealership Bid Request List

****Delivery date of March 5, 2021 not guaranteed due to necessity for dealership to order from manufacturer and COVID-19 impacts.**

Bid Results 20201230.xlsx

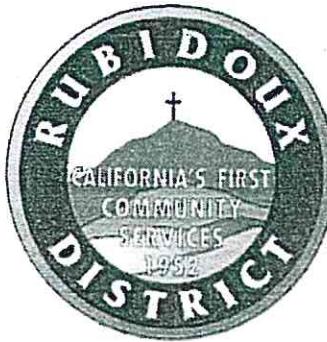
Rubidoux Community Services District

Board of Directors

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

Secretary-Manager

Jeffrey D. Sims



RECEIVED
DEC 29 2020
BY: _____

FAIRVIEW

Water Resource Management

Refuse Collection

Street Lights

Fire / Emergency Services

Weed Abatement

December 10th, 2020

SUBJECT: Request for Quotation - One (1) New 2020 or 2021, Two-Wheel Drive, ½ Ton V-6 or V-8, Automatic, 150/1500 Series XL or equivalent Regular Cab Pickup Truck

Dear Sir or Madame:

The Rubidoux Community Services District (District) is requesting a proposal for the purchase of One (1) new (2020 or 2021 Model Year) Two-Wheel Drive, V-6 or V-8, Automatic, Regular Cab Pickup Truck, 6.5 ft Bed. The District, a public agency located in the County of Riverside, California, is eligible for all Standard Governmental Service Fleet Pricing and Warranties.

NOTE: IT IS THE INTENT OF THE DISTRICT TO TAKE DELIVERY "OFF THE LOT" RATHER THAN ORDER THE VEHICLE.

Otherwise bidder needs to provide their best estimate of delivery date for their respective bid submittal.

Winning bidder should be able to deliver the vehicle within four to six weeks or earlier of the award date of January 21st, 2021. Delivery date of Friday, March 5th, 2021 or earlier.

Dealers should submit Bids to Rubidoux Community Services District, based on the attached specifications, no later than 4:00 PM on Wednesday, December 30th, 2020.

Should you have any questions, please do not hesitate to contact me directly at the District office.

Sincerely,

A handwritten signature in black ink, appearing to read "B. Jennings".
Brian Jennings
Manager Budgeting and Accounting

Attachments:

Minimum Specification Sheet
Quote Sheet

RUBIDOUX COMMUNITY SERVICES DISTRICT

PICK-UP TRUCK

VEHICLE QUOTATION REQUEST

FARVIEW

New 2020 or 2021 Two-Wheel Drive, ½ Ton Regular Cab Pickup Truck 150/1500 Series

The Rubidoux Community Services District (District) is requesting quotations to furnish and deliver equipment as described per attached District standard vehicle specification. NOTE: The total price quoted shall include all applicable taxes and delivery cost. "CA EXEMPT" License is required.

Items	Individual Unit Price	Tax & Delivery	Total Unit Price
BID ITEM 1: (1) New 2020 or 2021			
Regular Cab 6.5 Ft Bd Truck, V-6, or V-8, Auto Trans	<u>\$ 21,997.00</u>	<u>\$ 1713.52</u>	<u>\$ 23,710.52</u>
BID ITEM 2: Extended Warranty (Beyond Factory); 100k/5 Year; 6,000 Engine Hour Warranty (\$100 Deductible) POWERTRAIN			
			<u>\$ 1065.00</u>
BID ITEM 3: Trade-In			
2014 Ford F150 Pick-up Truck Vin # 1FMTMF1CM2EK09183 (Approx. 70k miles)			<u>(\$ 11,000.00)</u>
Total Tax and Delivery			<u>\$ 13,775.52</u>

The equipment quoted shall be furnished in compliance with the State of California Air Resource Board standards for emissions and as comparable to the attached specification sheets for delivery in four (4) to six (6) weeks or earlier, Friday, March 5th, 2021. The District reserves the right to reject any and all proposals, to waive any irregularity and to award the contract based on the best bid to the District.

Proposals for the equipment herein indicated will be received by the District at its headquarters **no later than 4:00 PM, Wednesday December 30th, 2020.**

Proposals shall be made on District form and shall include a copy of the District Standard Vehicle Specification.

Delivery of the equipment will be at the following location:

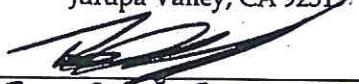
Location: Rubidoux Community Services District
Address: 3590 Rubidoux Blvd, Jurupa Valley, CA 92509

Bids may be Emailed, delivered, mailed or Faxed to the following address:

Rubidoux Community Services District; Attn: Brian Jennings

Emailed: bjennings@rcsd.org Delivered to: 3590 Rubidoux Blvd., Jurupa Valley, CA 92509

Mailed to: P.O. Box 3098
Jurupa Valley, CA 92519
Fax to: Brian Jennings (951) 369-4061

Signed 
Title 1000 EFF. FLEET DIRECTOR
Date 12/29/20

Company FARVIEW FORD
Address 292 N. "G" ST.
City SAN BERNARDINO, CA 92340

RUBIDOUX COMMUNITY SERVICES DISTRICT

FADVIEW

(1) New 2020 or 2021 Two-Wheel Drive, Regular Cab Pickup Truck 150/1500 Series

Regular Cab Pickup Truck

NOTICE TO AUTO DEALERS/MANUFACTURERS:

Bids will be received at Rubidoux Community Services District (District) for one (1) 2020 or 2021 Model Year Two-wheel drive, Regular Cab, 6.5 Ft Bed, Truck meeting all State and Federal highway regulations in addition to the following:

IT IS THE INTENT OF THE DISTRICT TO TAKE A VEHICLE "OFF THE LOT", HOWEVER CONFIGURATIONS GREATER THAN SPECIFIED BELOW WILL BE CONSIDERED. THE FOLLOWING IS CONSIDERED MINIMUM REQUIREMENTS.

	Meets Specs	Comments/Exceptions
2020 or 2021 Model Year	✓	2021
Two Door	✓	
Two-Wheel Drive	✓	
V-6 or V-8 Gasoline Engine	✓	V-6
Automatic Transmission	✓	
Air Conditioning	✓	
Power Steering	✓	
Power Brakes (ABS)	✓	
GVW Package 6650 or Similar	✓	
Manual Windows/Door Locks (Power OK)	✓	MANUAL
Vinyl/Cloth Seats	✓	VINYL
Tires: 16 inch (or Taller)	✓	
Full Size Spare Tire	✓	
Exterior Color: White	✓	
Interior Color: Grey (other colors will be considered)	✓	
AM/FM Radio	✓	
6.5 foot Bed	✓	
Trailer Tow Package and Wiring	✓	RECEIVER HITCH / RUBES
Delivery Date Friday, March 5, 2021 or earlier		EST. 90 DAYS A.R.O

NOTE: Vendor must indicate either "Yes" or "No" in the column labeled "Meets Specs".

The intended target vehicle is a 150/1500 Series 4X2 Regular Cab, V-6 or V-8, automatic. The winning bidder should be able to deliver the vehicle within four (4) to six (6) weeks of the award date, January 21st, 2021 – with a delivery date of Friday, March 5th, 2021 or earlier.

Rubidoux Community Services District is a public agency located in the City of Jurupa Valley, California, and is eligible for all Standard Governmental Service Fleet Pricing and warranties.

Additional equipment and/or upgraded modification should be listed as a separate item to allow an accurate and effective evaluation of submitted bids. All modifications to the minimum specifications, as stated above, shall be clearly identified. All warranties and guarantees shall also be included in the submitted proposal.

District reserves the right to waive minor irregularities that may be contained within the proposal(s).

The vehicle quoted price shall include all applicable state and local taxes, licenses, dealer transportation and preparation fees. Vehicles shall be "Highway Ready" with registration plates being filed "CA Exempt" by the dealer with the he Department of Motor Vehicles.

Written proposals should be submitted to: Attn: Brian Jennings

Rubidoux Community Services District, 3590 Rubidoux Boulevard,
Jurupa Valley, California 92509.

Emailed proposals to: → bjennings@rcsd.org

Faxed proposals may be transmitted to RCSD Attn: Brian Jennings at (951) 369-4061.

Proposals should arrive at the District office no later than 4:00 pm, Wednesday, December 30th, 2020 It is anticipated that the District shall award the contract at the regularly scheduled meeting of the Board of Directors, January 21st, 2021. The District will issue to the awarded dealer a Purchase Order for the vehicle the day following Board approval. Upon vehicle delivery and acceptance by the District, payment shall be made in full to the selected dealer within thirty (30) calendar days. The District reserves the right to reject any and all bids received.

RUBIDOUX COMMUNITY SERVICES DISTRICT

PICK-UP TRUCK

VEHICLE QUOTATION REQUEST

FAIRVIEW

SECOND TRUCK

New 2020 or 2021 Two-Wheel Drive, $\frac{1}{2}$ Ton Regular Cab Pickup Truck 150/1500 Series

The Rubidoux Community Services District (District) is requesting quotations to furnish and deliver equipment as described per attached District standard vehicle specification. NOTE: The total price quoted shall include all applicable taxes and delivery cost. "CA EXEMPT" License is required.

Items	Individual Unit Price	Tax & Delivery	Total Unit Price
-------	-----------------------	----------------	------------------

BID ITEM 1: (1) New 2020 or 2021

Regular Cab 6.5 Ft Bd

Truck, V-6, or V-8, Auto Trans \$21,997⁰⁰ #171352 \$23,710⁵²

BID ITEM 2: Extended Warranty (Beyond Factory);

100k/5 Year; 6,000 Engine Hour Warranty

(\$100 Deductible) POWERTRAIN _____

\$1065⁰⁰

BID ITEM 3: Trade-In

2016 Ford Taurus SHO

Vin # 1FAHP2KT6GG117431

(Approx. 52k miles)

(\$16,500⁰⁰)

Total Tax and Delivery

\$8,275⁵²

The equipment quoted shall be furnished in compliance with the State of California Air Resource Board standards for emissions and as comparable to the attached specification sheets for delivery in four (4) to six (6) weeks or earlier, Friday, March 5th, 2021. The District reserves the right to reject any and all proposals, to waive any irregularity and to award the contract based on the best bid to the District.

Proposals for the equipment herein indicated will be received by the District at its headquarters no later than 4:00 PM, Wednesday December 30th, 2020.

Proposals shall be made on District form and shall include a copy of the District Standard Vehicle Specification.

Delivery of the equipment will be at the following location:

Location: Rubidoux Community Services District

Address: 3590 Rubidoux Blvd, Jurupa Valley, CA 92509

Bids may be Emailed, delivered, mailed or Faxed to the following address:

Rubidoux Community Services District; Attn: Brian Jennings

Emailed: bjennings@rcsd.org

Delivered to: 3590 Rubidoux Blvd., Jurupa Valley, CA 92509

Mailed to: P.O. Box 3098
Jurupa Valley, CA 92519

Faxed to: Brian Jennings (951) 369-4061

Signed

Title

FCFET DIRECTOR / TOOD EEF

Date

04/13/21

Company
Address
City

FAIRVIEW FORD
292 N. "G" ST.
SAN BERNARDINO, CA 92310

RUBIDOUX COMMUNITY SERVICES DISTRICT

FRETT'S

(1) New 2020 or 2021 Two-Wheel Drive, Regular Cab Pickup Truck 150/1500 Series

Regular Cab Pickup Truck

NOTICE TO AUTO DEALERS/MANUFACTURERS:

Bids will be received at Rubidoux Community Services District (District) for one (1) 2020 or 2021 Model Year Two-wheel drive, Regular Cab, 6.5 Ft Bed, Truck meeting all State and Federal highway regulations in addition to the following:

IT IS THE INTENT OF THE DISTRICT TO TAKE A VEHICLE "OFF THE LOT", HOWEVER CONFIGURATIONS GREATER THAN SPECIFIED BELOW WILL BE CONSIDERED. THE FOLLOWING IS CONSIDERED MINIMUM REQUIREMENTS.

RECEIVED
DEC 14 2020
RECEIVED
DEC 14 2020

	Meets Specs.	Comments/Exceptions
2020 or 2021 Model Year		2021 ordered unit
Two Door	yes	
Two-Wheel Drive	yes	
V-6 or V-8 Gasoline Engine		V-6
Automatic Transmission	yes	
Air Conditioning	yes	
Power Steering	yes	
Power Brakes (ABS)	yes	
GVW Package 6650 or Similar	EXC	6100
Manual Windows/Door Locks (Power OK)		
Vinyl/Cloth Seats	yes	
Tires: 16 inch (or Taller)	yes	245 70R17 BSW
Full Size Spare Tire	yes	
Exterior Color: White	yes	
Interior Color: Grey (other colors will be considered)	yes	Dark gray
AM/FM Radio	yes	
6.5 foot Bed	yes	
Trailer Tow Package and Wiring	yes	
Delivery Date Friday, March 5, 2021 or earlier	EXC	ORDERED UNIT would have Feb build date

NOTE: Vendor must indicate either "Yes" or "No" in the column labeled "Meets Specs". Build date

The intended target vehicle is a 150/1500 Series 4X2 Regular Cab, V-6 or V-8, automatic. The winning bidder should be able to deliver the vehicle within four (4) to six (6) weeks of the award date, January 21st, 2021 – with a delivery date of Friday, March 5th, 2021 or earlier. EXC - Vehicle would have a Feb build date

End of March or Early April

Rubidoux Community Services District is a public agency located in the City of Jurupa Valley, California, and is eligible for all Standard Governmental Service Fleet Pricing and warranties.

Additional equipment and/or upgraded modification should be listed as a separate item to allow an accurate and effective evaluation of submitted bids. All modifications to the minimum specifications, as stated above, shall be clearly identified. All warranties and guarantees shall also be included in the submitted proposal.

District reserves the right to waive minor irregularities that may be contained within the proposal(s).

The vehicle quoted price shall include all applicable state and local taxes, licenses, dealer transportation and preparation fees. Vehicles shall be "Highway Ready" with registration plates being filed "CA Exempt" by the dealer with the he Department of Motor Vehicles.

Written proposals should be submitted to: Attn: Brian Jennings

Rubidoux Community Services District, 3590 Rubidoux Boulevard,
Jurupa Valley, California 92509.

Emailed proposals to: → bjennings@rcsd.org

Faxed proposals may be transmitted to RCSD Attn: Brian Jennings at (951) 369-4061.

Proposals should arrive at the District office no later than 4:00 pm, Wednesday, December 30th, 2020 It is anticipated that the District shall award the contract at the regularly scheduled meeting of the Board of Directors, January 21st, 2021. The District will issue to the awarded dealer a Purchase Order for the vehicle the day following Board approval. Upon vehicle delivery and acceptance by the District, payment shall be made in full to the selected dealer within thirty (30) calendar days. The District reserves the right to reject any and all bids received.

RUBIDOUX COMMUNITY SERVICES DISTRICT
PICK-UP TRUCK
VEHICLE QUOTATION REQUEST

Fritts

New 2020 or 2021 Two-Wheel Drive, ½ Ton Regular Cab Pickup Truck 150/1500 Series

The Rubidoux Community Services District (District) is requesting quotations to furnish and deliver equipment as described per attached District standard vehicle specification. NOTE: The total price quoted shall include all applicable taxes and delivery cost. "CA EXEMPT" License is required.

Items	Individual Unit Price	Tax & Delivery	Total Unit Price
BID ITEM 1: (1) New 2020 or 2021			
Regular Cab 6.5 Ft Bd		1788.87	
Truck, V-6, or V-8, Auto Trans	<u>23,082.25</u>	<u>18.25 Tires</u>	<u>\$ 24,899.37</u>
BID ITEM 2: Extended Warranty (Beyond Factory); 100k/5 Year; 6,000 Engine Hour Warranty (\$100 Deductible)			
	<u>Premium Care</u>	<u>1790.00</u>	<u>\$ 1790.00</u>
BID ITEM 3: Trade-In 2014 Ford F150 Pick-up Truck Vin # 1FMTMF1CM2EK09183 (Approx. 70k miles)			
		<u>8500.00</u>	<u>(\$ 8500.00)</u>
Total Tax and Delivery			<u>\$ 18,179.37</u>

The equipment quoted shall be furnished in compliance with the State of California Air Resource Board standards for emissions and as comparable to the attached specification sheets for delivery in four (4) to six (6) weeks or earlier, Friday, March 5th, 2021. The District reserves the right to reject any and all proposals, to waive any irregularity and to award the contract based on the best bid to the District.

Proposals for the equipment herein indicated will be received by the District at its headquarters no later than 4:00 PM, Wednesday December 30th, 2020.

Proposals shall be made on District form and shall include a copy of the District Standard Vehicle Specification.

Delivery of the equipment will be at the following location:

Location: Rubidoux Community Services District
Address: 3590 Rubidoux Blvd, Jurupa Valley, CA 92509

Can't promise March 5 delivery date!

Bids may be Emailed, delivered, mailed or Faxed to the following address:

Rubidoux Community Services District; Attn: Brian Jennings

*Vikki Garay,
Fritts Ford*

Emailed: bjennings@rcsd.org

Delivered to: 3590 Rubidoux Blvd., Jurupa Valley, CA 92509

Mailed to: P.O. Box 3098
Jurupa Valley, CA 92519

Faxed to: Brian Jennings (951) 369-4061

Signed *[Signature]*
Title Fleet Mgr
Date 12-12-20

Company Fritts Ford
Address 7990 Auto Dr
City Riverside

Prepared by: Vikiy Garay

12/11/2020

Fritts Ford | 8000 Auto Drive Riverside California | 925044193

2021 F-150 4x2 Regular Cab Styleside 6.5' box 122" WB XL (F1C)

Price Level: 125



As Configured Vehicle (cont'd)

Code	Description	MSRP
STDRD	Radio: AM/FM Stereo w/4 Speakers <i>Includes auxiliary audio input jack.</i> <i>Includes:</i> - SYNC 4 <i>Includes 8" LCD capacitive touchscreen with swipe capability, wireless phone connection, cloud connected, AppLink with App catalog, 911 Assist, Apple CarPlay and Android Auto compatibility and digital owners manual.</i>	Included
85A	XL Power Equipment Group <i>Includes:</i> - Power Glass Sideview Mirrors w/Black Skull Caps <i>Includes heat and manual-folding.</i> - Illuminated Entry - MyKey - Perimeter Alarm - Power Door Locks <i>Includes flip key and integrated key transmitter keyless-entry (includes Autolock).</i> - Power Tailgate Lock - Power Front Windows	\$970.00
53B	Class IV Trailer Hitch Receiver Ordering the Trailer Tow Package does not include Integrated Brake Controller (67T). Integrated Brake Controller (67T) is a standalone option and must be ordered separately. <i>Includes towing capability up to TBD lbs. on 3.3L V6 PFDI engine (99B) and 2.7L EcoBoost engine (99P) or up to TBD lbs. on 3.5L EcoBoost engine (998) and 5.0L V8 engine (995), 7-pin wiring harness with 7-pin-to-4-pin adapter and smart trailer tow connector (Includes BLIS w/trailer tow coverage where BLIS is available.).</i>	\$205.00
Emissions		
425	50 State Emissions	N/C
Interior Colors		
AS_02	Black Medium Dark Slate	N/C
Primary Colors		
YZ_01	Oxford White	N/C
SUBTOTAL		\$30,115.00
Destination Charge		\$1,695.00
TOTAL		\$31,810.00

Fritts



Prepared by: Vicki Garay

12/11/2020

Fritts Ford | 8000 Auto Drive Riverside California | 925044193

2021 F-150 4x2 Regular Cab Styleside 6.5' box 122" WB XL (F1C)

Price Level: 125

As Configured Vehicle

Code	Description	MSRP
Base Vehicle		
F1C	Base Vehicle Price (F1C)	\$28,940.00
Packages		
100A	Equipment Group 100A Standard <i>Includes:</i> <ul style="list-style-type: none"> - Engine: 3.3L V6 PFDI Includes auto start-stop technology and flex-fuel capability. - Transmission: Electronic 10-Speed Automatic Includes selectable drive modes: normal, ECO, sport, tow/haul, slippery and trail. - 3.55 Axle Ratio - GVWR: 6,100 lbs Payload Package - Tires: 245/70R17 BSW A/S - Wheels: 17" Silver Steel - Radio: AM/FM Stereo w/4 Speakers Includes auxiliary audio input jack. - SYNC 4 Includes 8" LCD capacitive touchscreen with swipe capability, wireless phone connection, cloud connected, AppLink with App catalog, 911 Assist, Apple CarPlay and Android Auto compatibility and digital owners manual. 	N/C
Powertrain		
99B	Engine: 3.3L V6 PFDI <i>Includes auto start-stop technology and flex-fuel capability.</i>	Included
44G	Transmission: Electronic 10-Speed Automatic <i>Includes selectable drive modes: normal, ECO, sport, tow/haul, slippery and trail.</i>	Included
X19	3.55 Axle Ratio	Included
STDGV	GVWR: 6,100 lbs Payload Package	Included
Wheels & Tires		
STDTR	Tires: 245/70R17 BSW A/S	Included
64C	Wheels: 17" Silver Steel	Included
Seats & Seat Trim		
A	Vinyl 40/20/40 Front Seat	N/C
Other Options		
122WB	122" Wheelbase	STD
PAINT	Monotone Paint Application	STD

Rubidoux Community Services District
Water Fund Budget

June 20, 2019

	Projected Year End 2018/2019	Budget 2018/2019	Proposed Budget 2019/2020	Proposed Budget 2020/2021
Administrative Expense				
37 Salaries Expense	1,270,500	1,300,000	1,317,100	1,369,100
38 Payroll Tax Expense	102,100	96,500	93,100	97,600
39 Health & Retirement Expense	564,100	650,000	548,300	574,600
40 Workers Comp Insurance	52,400	43,500	49,500	51,000
41 General Admin Expense	600,000	600,000	600,000	600,000
Total Administrative Expense	\$2,589,100	\$2,690,000	\$2,608,000	\$2,692,300
Other Expense				
42 SERIES 1998-Misc. Expense	1,500	-	1,500	1,500
43 MN Plnt 17-18 Interest Exp	120,600	117,500	114,300	107,900
44 Transfer to Unrestricted Reserves	297,248	388,565	159,800	460,700
Total Other Expense	\$419,348	\$506,065	\$275,600	\$570,100
Total Expense	\$4,626,345	\$4,815,965	\$4,547,200	\$5,065,300
Asset Acquisitions				
45 Fleet Replacement	86,000	128,000	65,000	65,000
46 Pickup Truck	New	-	30,000	-
47 Field Ofc Imprvmt	New	-	50,000	-
48 AMR Equipment (Radio Read)	-	50,000	-	-
49 Crane Truck (35% Swr / 65% Wtr)	55,575	58,500	-	-
50 Vactor Replacement (35% Swr / 65% Wtr)	48,219	48,100	-	-
51 Well 2 GAC Vessels	New	-	155,000	-
Total Asset Acquisitions	\$189,794	\$284,600	\$300,000	\$65,000
Long-Term Debt				
52 Debt Service - MN Plant 17-18 Principal	243,600	246,700	249,900	256,300
Total Long-Term Debt	\$243,600	\$246,700	\$249,900	\$256,300
TOTAL WATER EXPENSES	\$5,059,739	\$5,347,265	\$5,097,100	\$5,386,600

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 2021-05

January 21, 2021

To: Rubidoux Community Services District
Board of Directors

Subject: Consider Purchase of a Sewer By-Pass Pump

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 vactor equipment however this equipment has limitations in reach and pumping capacity. Staff contracts with Houston & Harris, a contractor with large vactor trucks, to do routine work and respond during emergencies when the District's trailer mounted vactor 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.

RECOMMENDATION:

Staff recommends the 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.

Respectfully,



JEFFREY D. SIMS, P. E.
General Manager

Attach:

1. Purchase Order for Xylem Sale Quotation 117020575 dated December 10, 2020

Rubidoux Community Services District
Sewer Fund Budget
June 20, 2019

	Projected Year End 2018/2019	Budget 2018/2019	Proposed Budget 2019/2020	Proposed Budget 2020/2021
Operating Income				
1 Sales - RST	2,050,000	2,100,000	2,152,000	2,250,000
2 Sales - Sewer	725,000	700,000	750,000	775,000
Total Operating Income	\$2,775,000	\$2,800,000	\$2,902,000	\$3,025,000
Other Income				
3 Interest Income	7,800	15,000	10,000	10,000
4 Miscellaneous Income	-	2,000	2,000	2,000
5 Interest Income:Non Operational	29,900	12,000	31,000	33,000
6 Transfer from General Fund	-	-	-	-
7 Transfer from Unrestricted Reserves	38,166	739,000	123,500	76,100
Total Other Income	\$75,866	\$768,000	\$166,500	\$121,100
TOTAL SEWER REVENUE	\$2,850,866	\$3,568,000	\$3,068,500	\$3,146,100
Operating Expense				
8 Energy Costs	43,500	51,500	51,500	53,000
9 Riverside City Treatment Costs	1,457,200	2,190,000	1,900,000	2,000,000
10 Industrial Pretreatment Costs	66,200	100,000	75,000	77,000
11 Lab Fees	44,300	30,000	45,000	46,500
12 Bad Debt Expense	-	13,000	10,000	10,000
13 R & M Equipment	5,300	15,000	15,000	15,500
14 R&M Sewer System	51,300	92,000	60,000	60,000
15 Hydrowash	60,000	60,000	62,000	64,000
16 Operating Expense	5,100	7,000	7,000	7,200
17 Telephone	400	2,500	1,000	1,000
18 Licenses & Permits	8,000	6,000	8,300	8,700
19 Gasoline Expense	3,600	5,000	5,000	5,100
20 Liability Insurance	10,500	12,000	13,000	13,500
21 City Riverside Litigation	429,100	200,000	100,000	100,000
22 Engineering Fees	5,000	8,000	10,000	11,000
23 Loss Claims	-	20,000	20,000	20,000
24 Publication of Public Notices	-	500	500	500
25 Miscellaneous Expense	100	5,000	5,000	5,000
26 Feasibility Study (Wastewater Trtmt Plnt)	-	50,000	50,000	50,000
Total Operating Expense	\$2,189,600	\$2,867,500	\$2,438,300	\$2,548,000
Administrative Expense				
27 Salaries Expense	69,600	70,000	75,000	77,000
28 Payroll Tax Expense	5,800	6,000	5,800	6,100
29 Health & Retirement Expense	11,800	16,000	11,400	11,900
30 Workman's Compensation Ins.	3,100	2,100	3,000	3,100
31 Admn General Expense	500,000	500,000	500,000	500,000
Total Administrative Expense	\$590,300	\$594,100	\$595,200	\$598,100
Total Expense	\$2,779,900	\$3,461,600	\$3,033,500	\$3,146,100

Rubidoux Community Services District
Sewer Fund Budget
June 20, 2019

	Projected Year End 2018/2019	Budget 2018/2019	Proposed Budget 2019/2020	Proposed Budget 2020/2021
Asset Acquisitions				
32 Crane Truck (35% Swr / 65% Wtr)	31,002	31,500	-	-
33 Security Cameras @ Wtr Qlty Cntl Plnt	-	35,000	35,000	-
34 Vactor Replacement (35% Swr / 65% Wtr)	25,964	25,900	-	-
Total Asset Acquisitions	\$56,966	\$92,400	\$35,000	\$0
Long-Term Debt				
35 Debt Service - City of Riverside Headworks	14,000	14,000	Paid Off	-
Total Long-Term Debt	\$14,000	\$14,000	\$0	\$0
TOTAL SEWER EXPENSES	<u>\$2,850,866</u>	<u>\$3,568,000</u>	<u>\$3,068,500</u>	<u>\$3,146,100</u>

12/20/18 Purchased F-550 (Box Truck) for \$88,575.70 which was split per above.

Water Fund Portion \$57,574.20
 Sewer Fund Portion 31,001.50
\$88,575.70

RUBIDOUX COMMUNITY SERVICES DISTRICT

3590 Rubidoux Blvd
Rubidoux, CA 92509
(951) 684-7580

PURCHASE ORDER REQUEST

Vendor/Manufacturer:

Name: Xylem
Address: 11161 Harrel Street
Mira Loma, CA 91752
Phone: (951) 332-3668

General Administration
Water Department
 Sewer Department
Fire Department
Bond Funds

REQUESTED BY:	Lee Bugbee	DATE:	15-Dec-2020
DEPARTMENT HEAD:		DATE:	
FUNDS AVAILABILITY:		DATE:	
MANAGER APPROVAL:		DATE:	

ACCOUNT #: _____

ISSUED P.O. #: _____

ORDERED BY: _____

DATE:

December 10, 2020

Mr. Leland Bugbee
Rubidoux Community Services District
PO BOX 3098
Riverside, CA 92519-3098

Phone: 951-684-7580
Email: lbugbee@rcsd.org

**RE: NC100 CS Sale quote
Sale Quotation 117020575**

Dear Mr. Bugbee:

In response to your request, Xylem is pleased to provide the following sales quotation on the above referenced equipment.

I trust this information will assist you in the selection of your equipment. We appreciate the opportunity to be of service and look forward to working with you. Thank you for considering Xylem. If you have any questions please feel free to give me a call.

Sincerely,



James O. Rufing
Outside Sales Representative

JOR / jr

Home Office:

84 Floodgate Road, Bridgeport, NJ 08014 • www.godwinpumps.com • (856) 467-3636 • (856) 467-4841

SALE QUOTATION

ITEM	QTY	DESCRIPTION	UNIT PRICE	SALE TOTAL
A	1	Dri-Prime NC100S Critically Silenced <ul style="list-style-type: none"> • Sound Attenuated Enclosure • 4" 150# Flange Suction and Discharge • Yanmar 3TNV88C FT4 Diesel Engine w/FST • Global Series 6 Skid-mounted, • Spill Containment, 110% Fuel Containment 	\$ 52,760.00	\$ 52,760.00
B	1	Global Series 6 Trailer Kit <ul style="list-style-type: none"> • with Bolt on Tongue, Fenders, • Axle with Electric Brakes, • and Wiring Harness • Fits N32-10374 	3,104.00	3,104.00
C	3	4" x 10' Black Water Suction Hose with Godwin QD Fittings	206.40	619.20
D	1	4" 45 Degree Godwin QD Bend	106.40	106.40
E	1	4" X 20' Composite Hose with 150# Flange Fittings	864.00	864.00
F	1	4-1/4" Female QD x 150# Flange <ul style="list-style-type: none"> • Mounting Kit includes Adapter, • Flange Gasket, Bolts & Nuts 	133.60	133.60
G	1	4" Check Valve with 150# Flange	474.40	474.40
H	1	6" 150# Flange x 4" 150# Flange Concentric Adapter	489.10	489.10
I	1	12V Critical Solar Charger	243.10	243.10
J	1	PrimeGuard Float Set <ul style="list-style-type: none"> • w/ 65' Mechanical Floats 	388.00	388.00

Please note all sale pricing is in U.S. Dollars. The price does not include freight, export boxing, duties, taxes, or any other items not specifically mentioned.

This pricing information is for internal use only. We ask that these items and terms be kept confidential. All applicable tax and freight charges will be added to invoices. All quotations are subject to credit approval. All quotations are valid for 30 days. All prices quoted in US dollars.

This order is subject to the Standard Terms and Conditions of Sale - Xylem Americas effective on the date the order is accepted which terms are available at <https://www.xylem.com/en-US/support/xylem-americas-standard-terms-and-conditions> and incorporated herein by reference and made a part of the agreement between the parties.

SALE QUOTATION

ITEM	QTY	DESCRIPTION	UNIT PRICE	SALE TOTAL
K	1	4" 150# Flanged Tee	259.18	259.18
L	1	2 1/2" FNST x 4" 150# Flange with 4" isolation ball valve Flush adapter	800.00	800.00
M	1	Delivery Motor Freight Br 017	2,250.00	2,250.00

Our current delivery lead-times associated with this Quotation are best estimates at this time. Due to the outbreak of the COVID-19 virus pandemic and its global effects on commerce, supply chain, and logistics, these lead-times are an estimate only and not a commitment. Xylem is and will continue to use all commercially reasonable efforts to minimize any delivery delay impacts.

NET SALE TOTAL	\$ 62,490.98
TAX 7.75%	\$4,843.05
Grand Total	\$67,334.03

Please note all sale pricing is in U.S. Dollars. The price does not include freight, export boxing, duties, taxes, or any other items not specifically mentioned.

This pricing information is for internal use only. We ask that these items and terms be kept confidential. All applicable tax and freight charges will be added to invoices. All quotations are subject to credit approval. All quotations are valid for 30 days. All prices quoted in US dollars.

This order is subject to the Standard Terms and Conditions of Sale - Xylem Americas effective on the date the order is accepted which terms are available at <https://www.xylem.com/en-US/support/xylem-americas-standard-terms-and-conditions/> and incorporated herein by reference and made a part of the agreement between the parties.

13. AWARD OF A CONTRACT FOR PFAS TREATMENT AT MN PLANT # 2:
DM 2021-04

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 2020-04

January 21, 2021

To: Rubidoux Community Services District
Board of Directors

Subject: Consider Award of Contract to Build the PFAS Treatment at MN Plant #2 (Also known as (Ion Exchange Project at the Leland Thompson Water Treatment Facility and Award of Professional Services Contract for Construction Management Service for the Project

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)
Perflurooctanic 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 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 to 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 & 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
4. Final Design of IX System by Hazen	\$244,238
5. Geotechnical by Converse	\$29,600

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.

RECOMMENDATIONS

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

1. Amend the FY 2020/2021 Budget to move \$2,589,725 from Water Fund Reserves to the Water Replacement Fund 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 Oversite with Krieger and Stewart in the amount of \$148,600.
4. Approve a Purchase Order for Center Electric in the amount of \$200,000.

Respectfully,



JEFFREY D. SIMS, P.E.
General Manager

Attach:

1. DM 2020-11
2. DM 2020-47
3. Pacific Hydro Proposal to build the PFAS Treatment Facility at MN Plant #2
4. Hazen and Sawyer Bid Evaluation and Recommendation
5. Krieger and Stewart Professional Services Proposal

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 2020-11

March 5, 2020

To: Rubidoux Community Services District
Board of Directors

Subject: PFAS Compound Treatment Actions

BACKGROUND:

On Thursday, Feb. 6, the California Division of Drinking Water (DDW) issued new response levels (RLs) for perfluorooctanoic acid (PFOA) at ten parts per trillion and perfluorooctane 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 1940s 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 13 ppt, 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 used at Well 2 to remove 1,2,3 TCP. Based on preliminary estimates, the District will likely need to purchase approximately 6 to 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 to 16 weeks. New vessels cost approximately twice as much and have a 25 to 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 Permit 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 Western 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 to 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.

RECOMMENDATION

Staff recommends 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.

Respectfully,

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

Attachments:

1. Carbon Activated Corp. USA Quotation No. 4133
2. Hazen and Sawyer Proposal dated February 21, 2020

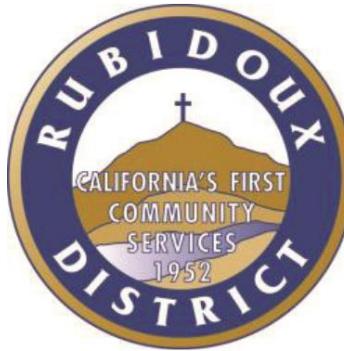
Rubidoux Community Services District

Board of Directors

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

General Manager

Jeffrey D. Sims



Water Resource Management

Refuse Collection

Street Lights

Fire / Emergency Services

Weed Abatement

DIRECTORS MEMORANDUM 2020-47

June 18, 2020

To: Rubidoux Community Services District
Board of Directors

Subject: Consider Approval of Expenses Related to Addition of Ion Exchange Treatment for PFAS Contaminants

BACKGROUND:

The State Water Resources Control Board Division of Drinking Water (“DDW”) has issued Rubidoux Community Services District (“District”) a Notice of Intent To Issue A New General Order For Monitoring Of Perfluroalkyl Substances (Health and Safety Code Section 116378) Starting July 2020, (“NOI”), attached. This NOI describes DDW’s intent to issue the order and establish sampling and testing for PFOA and PFOS beginning the 3rd Quarter of 2020. DDW expects the new order will increase public reporting requirements, guidance on detections, and determination of Response Level exceedances using a running quarterly average. 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

Sampling results reflect all District wells will have difficulty meeting a running quarterly average for the lowered PFOA Response Level of 10 ng/L. Most District wells currently are at, or just above the PFOA Response Level without treatment.

As the Board may recall, Hazen & Sawyer (“Hazen”) was hired to assist the District with a strategy to address treatment of PFAS Compounds. Hazen has completed a Basis of Design Memorandum addressing treatment

requirements for Wells 1A, 8, and 18. 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 in the 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 next steps include: 1) hiring Hazen to prepare the final design, specifications, and bidding documents for the treatment system, and 2) purchase of the main components of the treatment system.

Hazen

Hazen proposes an addendum of \$244,288 to its current contract of \$155,444, bringing their total contract value with the District to \$399,732. The addendum, attached as Exhibit 1 has a Scope of Work that includes:

Task 6 – Final Design: This includes approximately 31 sheets of design drawings and preparation of technical specifications to be included with the District’s standard front-end specifications and contracts.

Task 7 – Environmental Documents (CEQA, NEPA): Both CEQA and NEPA categorical exemption filings are anticipated due to the work being done at an existing, and operating District Treatment Facility. NEPA is necessary as part of the application for federal grant funding under the Bureau of Reclamation WaterSMART Program.

Task 8 – As-Needed Construction and Startup Support: This task provides time for Hazen to respond to questions and clarifications during the construction process and startup of the system.

Evoqua Water Technologies

Through the Basis of Design process, staff and Hazen have been coordinating with Evoqua on evaluating use of pressure vessels filled with granulated activated carbon or resin. Staff has also contacted Activated Carbon regarding same. Evoqua has a relatively new, but used system, that has been refurbished and will work for the District’s application of ion exchange treatment for Wells 1A, 8, and 18. Evoqua has provided pricing for the system at a discount as compared to purchase a new system. Besides a lower price, the system is available and avoids a 26 to 35-week manufacturing and delivery period. Evoqua’s quote for the treatment system is attached as Exhibit 2. The cost for the six pressure vessels in a three-train, lead-lag configuration is \$800,744.13 including tax. Additional costs include \$20,530 for delivery, \$5,355 for up to 3 days of installation supervision, and \$785,687.14 for the initial resin fill of the six vessels (includes tax). Total initial cost to Evoqua is anticipated to be \$1,612,316.27; a total of \$268,719.38/vessel. The District would issue two Purchase Orders for this: 1) one issued on or before June 30, 2020 for \$800,744.13 and 2) a second issued on or before September 30, 2020 for the balance of \$811,572.14. Other terms include:

- a. Warranty comparable to that of new equipment (Section 7 of Standard Terms of Sale)
- b. Commitment to a three (3) year service contract for resin exchange service linked to a set CPI inflator
- c. Ten (10) months of storage at no cost

Between Hazen and Evoqua, the District will invest just over \$2 million towards PFAS contaminant removal. In addition, there will be construction costs, which along with treatment expenses for Wells 4 and 6 may bring a total commitment of \$5 million. With the addition of PFAS removal treatment, the District will also have higher annual operational expenses for resin and GAC exchanges, energy and chemicals, and labor. To mitigate these higher expenses, staff is applying for a \$750,000 grant, sale of water to Jurupa Community Services District and water rate increases. Another strategy is to look at long-term borrowing at low interest rates. Long-term borrowing may smooth out rate impacts and address other costly issues such as building upgrade, and resolution of expenses related to upgrades at the City of Riverside WWTP.

To enable the District to meet the lowered PFAS levels in a timely manner, these expenses are necessary. To proceed a budget amendment of the approved District FY 2020/2021 Budget is necessary by moving \$1.7 million from District Reserves to the Water Capital Improvement Project (CIP) Budget.

RECOMMENDATION:

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

1. Amend the approved District FY 2020/2021 Budget by moving \$1.7 million from District Reserves to the Water Capital Improvement Project (CIP) Budget.
2. Finalize negotiations with Evoqua Water Technologies for purchase of a refurbished PFAS Treatment System consistent with Terms and Conditions as detailed in Quotation #2004-23-/rev 2, dated June 10, 2020 with a not to exceed amount of \$1,615,000.
3. Execute an amendment with Hazen in the amount of \$244,238 bringing their total contract value with the District for PFAS Treatment Design to \$399,732.

Respectfully,

JEFFREY D. SIMS, P. E.
General Manager

Attach:

Exhibit 1 – Hazen Scope of Work and Proposal dated June 12, 2020
Exhibit 2 – Evoqua Water Technologies Quotation #2004-230/rev 2 dated June 10, 2020
DDW Notice of Intent dated May 5, 2020

RUBIDOUX COMMUNITY SERVICES DISTRICT
JURUPA VALLEY, CALIFORNIA

BIDDING DOCUMENTS

FOR THE PFAS TREATMENT PROJECT AT MN PLANT #2

A. INSTRUCTIONS TO BIDDERS

1. Responsible Bidders

Bidders are advised that in selecting a Contractor, Owner reserves the right to consider the financial responsibility and general competency of each Bidder, his trustworthiness, quality, fitness, capacity, and experience to satisfactorily perform the public works contract, as well as his reputation within the industry. Owner expects each Bidder to fully and truthfully disclose all information required of the Bidder by the Bidding Documents. Each Bidder must be properly licensed and must sign and submit with his Proposal the Bidder's Statement of Experience, Bidding Sheets, and Certified Data Sheet. Please note that similar information is required in said Bidder's Statement of Experience with respect to any proposed subcontractors (Not required for materials only proposal).

2. Completion of Bid Proposal and Supporting Documents

Each Bidder shall complete the attached Bid Proposal and supporting documents including any addenda or bulletins issued before receipt of bids and public opening of same together with Statement of Experience (not required for materials only proposal), Bid Schedule, Contract Completion Schedule, Certified Data, Certified Worker Craft and Classification, Certification of Bidder's Work Site Inspection, Statement on Bonds and Insurance, Certification of Bidding Documents, Non-Collusion Affidavit, and Bid Proposal Guarantee.

Bidder shall complete in ink each blank on each page. Each entry shall be printed by hand. The completed forms shall be without interlineations, alterations, or erasures. Bidder shall correct errors by striking or lining out mistakes and entering and initialing corrections immediately thereabove. Unless otherwise provided in the Supplemental Instructions to Bidders, Owner will not consider any proposal which does not include bids on all bid items set forth in the Bid schedules. Owner will not consider alternative proposals unless they are called for in these instructions or the supplemental instructions appearing in the Bidding Documents themselves.

Owner may, at its sole discretion, reject any bid to which the Bidder has added conditions, limitations, provisions, or any interlineations or alterations. Owner may also, at its discretion, reject any bid for which the Bidder has failed to supply all requested information or has misrepresented any such information or any matter whatever. Pursuant to Business and Professions Code Section 7028.15, any bid submitted by a Contractor not licensed in accordance with this chapter and pursuant to the requirements found in these bid documents shall be considered by the Owner to be non-responsive and shall be rejected by the Owner.

Owner will not consider alternative proposals unless they are called for by these instructions or the supplemental instructions appearing in the Bidding Documents themselves. Owner will not accept proposals on forms other than those bound herein. Owner will not consider any proposal which does not include bids on all scheduled items set forth in the Bidding Sheet for the minimum bid specified.

3. Omissions and Discrepancies

Should a Bidder find purported discrepancies in, or omissions from the Special Requirements, Basic Specifications, Construction and Standard Drawings, or other documents bound herein, or should he be in doubt as to their meaning, he shall **immediately** notify the Owner in writing and the Owner may then send written instructions or notification to all Bidders.

4. Signature and Seal

If the bid proposal is made by an individual, it shall be signed and his full name and his address shall be given; if it is made by a partnership, it shall be signed with the partnership name by one of the partners, who shall sign his own name and, in addition, the name and address of each partner shall be given; if it is made by a corporation, the name of the corporation shall be signed by its duly authorized officer, or officers, attested by the corporation seal, and the names and titles of all current officers of the corporation shall be given.

5. Packaging and Delivery of Bid Proposal

Once the Bid Proposal and supporting documents herein have been completed and signed as set forth above, they shall be placed, along with the Bid Proposal Guarantee and any proposed sketches and brochures required by these instructions, in an envelope, sealed and addressed and delivered or mailed, postage prepaid to:

RUBIDOUX COMMUNITY SERVICES DISTRICT

<u>Street Address</u>	<u>Mailing Address</u>
Rubidoux Community Services District 3590 Rubidoux Boulevard Jurupa Valley, California 92509	Rubidoux Community Services District PO Box 3098 Riverside, CA 92519-3098

Said envelope shall also contain the following in the lower left-hand corner thereof:

Bid Proposal of _____ (Bidder's Name) _____

for _____ (Project Name Appearing on Cover Sheet)

No consideration shall be given by the Owner to bid proposals received after the date and time set by the Notice Inviting Bids herein for the opening of bids.

6. Withdrawal of Bid Proposal

The Bidder may, without prejudice, withdraw his bid proposal at any time prior to the date and time set by the Notice Inviting Bids herein for the opening of bids; provided that any request to withdraw is made in writing and duly executed by the Bidder or the Bidder's duly authorized representative and delivered to the Owner's Secretary at the address set forth in Instruction 6 herein. A bid proposal shall be deemed withdrawn once it has been delivered by the Owner to the Bidder requesting withdrawal, either by personal delivery or deposit in the United States mail, addresses to the address originally given by the Bidder. After withdrawal, the Owner will not recognize modifications of bid proposals attempted by methods other than as set forth in Instruction 8 herein.

7. Modification of Bid Proposal

Any Bidder who may wish to modify the bid proposal previously submitted by him may do so only by (a) following the withdrawal procedure set forth in Instruction 7 hereof prior to the date and time set by the Notice Inviting Bids herein for the opening of bids, and (b) submitting a

substituted bid proposal which conforms to the requirements set forth in Instruction 1, 2, 4, 5, and 6 hereof. A bid proposal shall be deemed withdrawn once it has been delivered by the Owner to the one requesting withdrawal, either by personal delivery or deposit in the United States mail, addressed to the address originally given by the Bidder. After withdrawal, the Owner will not recognize modifications of bid proposals attempted by methods other than as set forth in this Instruction 8.

8. Opening and Awarding of Bids

All bid proposals shall be publicly opened and read at the time and place set forth in the Notice Inviting Bids herein. Bidders and their authorized representatives are invited to be present. The award, if made, will be made within 30 days of the opening. The Owner's policy is to award to the lowest responsible Bidder who can comply with the projected delivery and/or completion schedules. However, the Owner reserves the right to reject any and all bids, to waive any irregularity, or to award the subject contract to other than the lowest Bidder. Owner may, at its sole discretion, disregard any added conditions, limitations, provisions, or any interlineations or alterations. Notice of Award shall be made to a successful Bidder in writing and mailed to the address as set forth on the signature page of the Bidding Documents.

9. Bond(s) and Certificates of Insurance Required of Successful Bidder

The successful Bidder shall also furnish Certificates of Insurance as evidence of coverage in accordance with the Contract Appendix.

All bonds shall be subject to the approval of the Owner, and shall be submitted on the forms as provided in the Contract section of the Contract Documents. All Certificates of Insurance shall be subject to the approval of the Owner and shall be submitted on the forms provided in the Contract section of the Contract Documents.

Pursuant to Labor Code sections 1725.5 and 1771.1, all contractors and subcontractors that wish to bid on, be listed in a bid proposal, or enter into a contract to perform public work must be registered with the Department of Industrial Relations. No bid will be accepted nor any contract entered into without proof of the contractor's and subcontractors' current registration with the Department of Industrial Relations to perform public work. If awarded a Contract, the Bidder and its subcontractors, of any tier, shall maintain active registration with the Department of Industrial Relations for the duration of the Project. To this end, Bidder shall sign and submit with its Bid the Public Works Contractor Registration Certification on the form provided, attesting to the facts contained therein. Failure to submit this form may render the Bid non-responsive. In addition, each Bidder shall provide the registration number for each listed subcontractor in the space provided in the List of Subcontractors Form.

10. Execution of the Contract

The Bidder to whom award is made shall execute a written contract with the Owner on the form of contract provided herein (which shall incorporate by reference the Proposal, addenda or bulletins issued before receipt of bids and public opening of same, Bidder's Statement of Experience (not required for materials only proposal), Bidding Sheet, Certified Data Sheet, Special Requirements, Basic Specifications, and Construction and Standard Drawings), together with the Labor Code Certification (not required for materials only proposal) therein, and furnish good and approved bond(s) and Certificates of Insurance as required in the preceding paragraph within 10 days from the date of mailing the Notice from the Owner to the Bidder, as set forth above, of the acceptance of his proposal.

No proposal shall be considered binding upon the Owner until the Contract has been executed. Failure or refusal by the successful Bidder to so enter into a contract, as herein provided, or to conform to any of the stipulated requirements in connection therewith, shall be just cause for the

annulment of the award and the retention by the Owner of the proposal guarantee. If the successful Bidder refuses or fails to execute the contract, the Owner may award the contract to the Bidder whose proposal is next most acceptable to said Owner; and such Bidder shall fulfill every stipulation embraced herein as if he were the party to whom the first award was made.

A corporation to which an award is made will be required, before the contract is finally executed, to furnish evidence of its corporate existence and of the authority of the officer signing the contract and bond for the corporation to so sign.

11. Withheld Contract Funds

Bidder is advised that Contractor, at his request and expense and in accordance with Section 22300 of the California Public Contract Code, will be permitted to substitute securities equivalent to monies withheld by Owner to insure performance under the Contract. Alternatively, the Contractor may request to have earned retentions paid directly to the escrow agent in accordance with Public Contract Code Section 22300. Refer to Section 30 of the Contract Appendix and the Escrow Agreement for Security Deposits in Lieu of Payment Retention included within these Contract Documents.

B. BIDDER'S PROPOSAL WITH SUPPORTING DOCUMENTS

TO THE PRESIDENT OF THE BOARD OF DIRECTORS, RUBIDOUX COMMUNITY SERVICES DISTRICT, CALIFORNIA, (Owner):

1. Proposal

The undersigned proposes to furnish and install the components or items set forth in the Bidding Documents for PFAS TREATMENT PROJECT AT MN PLANT #2.

In submitting this Proposal, the undersigned declares that he has read the Notice Inviting Bids, the Instructions to Bidders, the unexecuted Contract, and all other documents incorporated by reference, including the Special Requirements, the Basic Specifications, and the Construction and Standard Drawings and that he has inspected the Work site.

In exchange for consideration of this Proposal by the Owner, the Bidder agrees that if his bid is accepted by the Owner, the Bidder will execute said Contract, furnish and provide the items set forth in this Proposal and required by the Contract, Special Requirements, Basic Specifications, and Construction and Standard Drawings (all within the time provided), and will accept as full payment the prices set forth in the Bidding Sheet.

The Bidder further agrees that he shall execute such contract within five calendar days from the date of mailing to him of written notice of the Owner's acceptance of this proposal along with required certificates of insurance.

In submitting a bid to a public body, the Bidder offers and agrees that if the bid is accepted, it will assign to the Owner all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Section 15) or under the Cartwright Act (Chapter 2 of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, materials, or services by the Bidder pursuant to the bid. Such assignment shall be made and become effective at the time the Owner tenders final payment to the Contractor, without further acknowledgment by the parties.

2. Statement of Experience*

a. Bidder

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

Name: Pacific Hydrotech Corp

Address: 314 E 3rd Street, Perris, CA 92570

Type of Work: Civil and Mechanical

Years of Experience: 33

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

b. Subbidders

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

1) Name: Pix-Fab Builders J.G
~~1364 East Valencia Drive, Fullerton CA 92831~~

Address: 1364 East Valencia Drive, Fullerton CA 92831

Contractor License No.: 780333 Class: C51

Type of Work: Canopy Years of Experience: 20

2) Name: Amber Steel Company

Address: 312 South Willow Ave Rialto, CA 92376

Contractor License No.: 268566 Class: C50

Type of Work: Rebar Years of Experience: 50

3) Name: Simpsons Sandblasting and Special Coatings

Address: 14065 Rancho Vista Drive Fontana, CA 92335

Contractor License No.: 878060 Class: C33

Type of Work: Coatings Years of Experience: 14

4) Name: _____

Address: _____

2. **Statement of Experience***

a. **Bidder**

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

Name: Pacific Hydrotech Corp

Address: 314 E 3rd Street, Perris, CA 92570

Type of Work: Civil and Mechanical

Years of Experience: 33

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

b. **Subbidders**

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

1) Name: Southern Contracting Company

Address: 559 Twin Oaks Valley Rd. San Marcos, CA 92079

Contractor License No.: 222252 Class: C10

Type of Work: Electrical and Instrumentation Years of Experience: 57

2) Name: Shook Building Systems Inc.

Address: 5245 34th St. Jurupa Valley CA, 92509

Contractor License No.: 283001 Class: C1

Type of Work: Pre-Fabricated Metal Canopy Years of Experience: 47

3) Name: _____

Address: _____

Contractor License No.: _____ Class: _____

Type of Work: _____ Years of Experience: _____

4) Name: _____

Address: _____

2. Statement of Experience* (Continued)

Contractor License No.: _____ Class: _____

Type of Work: _____ Years of Experience: _____

c. **Bidder Projects** (use reverse side if necessary)

Each Bidder (Contractor) shall furnish work record for Bidder (Contractor), listing at least three water or wastewater treatment projects that the Bidder has completed within the past seven (7) years with a minimum treatment capacity of 1,000 gpm. Responses shall be full and explicit.

1) Contractor: Pacific Hydrotech Corp

Contract Amount: \$13,227,284 Date Completed: October 2020

Type of Work: Rosamond WWTP Expansion

Owner (Name, Address, & Phone): Rosamond Community Services District

3179 35th St. Rosamond, CA 93560 (661) 256 - 3411

Engineer (Name, Address, & Phone): Kennedy Jenks - Rachel Rodriguez

2775 Ventura Blvd, Oxnard, CA 93036 (858) 676-7532

Person in Charge of Project (Name & Phone): Brach Smith (661) 256-3411

2) Contractor: Pacific Hydrotech Corp

Contract Amount: \$10,114,300 Date Completed: November 2020

Type of Work: Graves Reservoir Replacement and GAC/IOX Systems

Owner (Name, Address, & Phone): City of South Pasadena

1414 Mission Street, South Pasadena, CA (626) 403-7240

Engineer (Name, Address, & Phone): NV5 - Luanne Bean

163 Technology Dr. Irvine, CA 92618

Person in Charge of Project (Name & Phone): Kahono Oei (626) 403-7240

3) Contractor: Pacific Hydrotech Corporation

Contract Amount: \$888,602 Date Completed: November 2019

Type of Work: Southern Well No. 6 Design/Build GAC Treatment Systems

Owner (Name, Address, & Phone): Golden State Water Company

16243 S Broadway, Gardena, CA 90248 (310) 436-6950

2. Statement of Experience* (Continued)

Engineer (Name, Address, & Phone): Water Works Engineers

Person in Charge of Project (Name & Phone): Justin Doronio (310) 436-6950

4) Contractor: Pacific Hydrotech Corporation

Contract Amount: \$15,367,420 Date Completed: April 2014

Type of Work: Menifee / Perris Desalters, (11) IOX Systems

Owner (Name, Address, & Phone): Eastern Municipal Water District

2270 Trumble Rd. Perris, CA (951) 928-3777

Engineer (Name, Address, & Phone): Krieger and Stewart

3602 University Ave. Redlands, CA (951) 684-6900

Person in Charge of Project (Name & Phone): Bruce Mitzel (951) 928-3777

5) Contractor: Pacific Hydrotech Corporation

Contract Amount: \$12,238,163 Date Completed: June 2017

Type of Work: Holtville Wastewater Treatment Plant Upgrades

Owner (Name, Address, & Phone): City of Holtville

121 W 5th Street, Holtville, CA (760) 356-4574

Engineer (Name, Address, & Phone): Lee & Ro

1199 Fullerton Road, City of Industry, CA (626) 912-3391

Person in Charge of Project (Name & Phone): Nicholas Wells (760) 356-4574

6) Contractor: Pacific Hydrotech Corporation

Contract Amount: \$8,771,752 Date Completed: September 2017

Type of Work: Heber Water Treatment Plant Major Upgrades

Owner (Name, Address, & Phone): City of Heber

1078 Dogwood Road, Heber, CA (760) 482-2440

Engineer (Name, Address, & Phone): The Holt Group

1601 N Imperial Ave, El Centro, CA (760) 337-3883

Person in Charge of Project (Name & Phone): Laura Fisher (760) 482-2440

2. Statement of Experience* (Continued)

d. Subbidder Projects (use reverse side if necessary)

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

- 1) Subcontractor: H.Wayne Lewis Inc. dba Amber Steel Company
Contract Amount: 33,750.00 Date Completed: 12-04-2021
Type of Work: Fabricate and Install Reinforcing Steel (Foundation
Owner (Name, Address, & Phone): Burrtec Agua Mansa MRF, LLC
9890 Cherry Ave. Fontana CA 92335 909-987-3717
Engineer (Name, Address, & Phone): AIR Engineering +
Testing, 18361 Symtron Road Apple Valley CA 92307
Person in Charge of Project (Name & Phone): Kriss Lewis

2) Subcontractor: H.Wayne Lewis Inc. dba Amber Steel Company
Contract Amount: 15,217.00 Date Completed: 11-06-2020
Type of Work: Fabricate and Install Reinforcing Steel (Tank Foundation)
Owner (Name, Address, & Phone): California Water Service
1720 N 1st Street San Jose CA 95112
Engineer (Name, Address, & Phone): California Water Service
1720 N 1st Street San Jose, CA 95112
Person in Charge of Project (Name & Phone): Kriss Lewis

3) Subcontractor: _____
Contract Amount: _____ Date Completed: _____
Type of Work: _____
Owner (Name, Address, & Phone): _____

Engineer (Name, Address, & Phone): _____

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

d. Subbidder Projects (use reverse side if necessary)

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

1) Subcontractor: Southern Contracting Company

Contract Amount: \$9,772,129.00 Date Completed: 10/25/2019

Type of Work: Temecula Valley Reclamation Water Facility 23MGD Expansion

Owner (Name, Address, & Phone): Eastern Municipal Water District

2270 Trumbler Rd, Perris, CA 92570 (951) 928-3777, Ext 4833 Scott Lopian

Engineer (Name, Address, & Phone): CH2M Hill

6 Hutton Center Drive, Suite 700, Santa Ana, CA 92707 (714) 429-2000

Person in Charge of Project (Name & Phone): Kelly Daken-Archer Western (858) 715-7200

2) Subcontractor: Southern Contracting Company

Contract Amount: \$6,650,672.00 Date Completed: 09/24/2018

Type of Work: Victor Valley Wastewater Reclamation Plant

Owner (Name, Address, & Phone): Victor Valley Wastewater Reclamation Authority

20111 Shay Road, Victorville, CA 92394 (760) 246-8638

Engineer (Name, Address, & Phone): HDR Engineering, Inc

3230 El Camino Real, Suite 200, Irvine, CA 92602-1377 (714) 730-2300

Person in Charge of Project (Name & Phone): Grant Gourley (951) 973-7393

3) Subcontractor: Southern Contracting Company

Contract Amount: \$17,549,334.00 Date Completed: 6/25/2017

Type of Work: F.E. Weymouth Water Treatment Plant ORP-Ozonation Facilities

Owner (Name, Address, & Phone): Metropolitan Water District of Southern California

700 North Alameda Street, Los Angeles, CA 90012 (951) 926-7031

Engineer (Name, Address, & Phone): Metropolitan Water District of Southern California

700 North Alameda Street, Los Angeles, CA 90012 (213) 217-6000

Person in Charge of Project (Name & Phone): Blayne Goodman-Archer Western (623) 606-4963

2. Statement of Experience* (Continued)

d. Subbidder Projects (use reverse side if necessary)

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

1) Subcontractor: Simpson Sandblasting & Special Coatings, Inc.

Contract Amount: \$18,500.00 Date Completed: 122/2020

Type of Work: Well 59 Well Head Pipe and Structural Steel Painting

Owner (Name, Address, & Phone): Eastern Municipal Water District

2270 Trumble Rd. Perris, CA. 92570

Engineer (Name, Address, & Phone): Kennedy Jenks Consultants

Person in Charge of Project (Name & Phone): Dustin Wetter (951) 928-3777

2) Subcontractor: Simpson Sandblasting & Special Coatings, Inc.

Contract Amount: \$642,905.00 Date Completed: 10/1/17

Type of Work: Water Storage Tank & water treatment plant pipe painting

Owner (Name, Address, & Phone): Heber Public Utility District

1078 Dogwood Rd. Suite 103, Heber, CA. 92249

Engineer (Name, Address, & Phone): The Holt Group

Person in Charge of Project (Name & Phone): Sameer Patel P.E 760-337-3883

3) Subcontractor: Simpson Sandblasting & Special Coatings, Inc.

Contract Amount: \$100,886.00 Date Completed: 11/15/19

Type of Work: Irvine Lake Pipeline, Santiago Hills Zone C+Reservoir Pipe Painting

Owner (Name, Address, & Phone): Irvine Ranch Water District

15600 Sand Canyon Avenue, Irvine, CA 92618 949-453-5300

Engineer (Name, Address, & Phone): Irvine Ranch Water District

Jacob Moeder 949-453-5300

Person in Charge of Project (Name & Phone): Jacob Moeder 949-453-5300

2. Statement of Experience* (Continued)

d. Subbidder Projects (use reverse side if necessary)

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

1) Subcontractor: SHOOK BUILDING SYSTEMS, INC

Contract Amount: 1,300,000 - Date Completed: 4/2019

Type of Work: FURNISHED AND INSTALLED 5 EA. PRE-ENGINEERED BLDGS.

Owner (Name, Address, & Phone): H. DESERT WATER DISTRICT

59099 SUNNYSLOPE DR YUCCA VALLEY, CA 760-365-

Engineer (Name, Address, & Phone): KENNEDY JEUNKS CONSULTANTS

3210 EL CAMINO REAL STE 150 IRVINE, CA 92602

Person in Charge of Project (Name & Phone): G.C. BRYAN CASE 951-973-7393

SUB: MIKE CASEBEER 951-316-1522

2) Subcontractor: SHOOK BUILDING SYSTEMS, INC. ENG: STEVE DIAMOND 949-567-2148

Contract Amount: \$143,000 - Date Completed: 11/2018

Type of Work: FURNISHED AND INSTALLED 2 EA. PRE-ENGINEERED LANDPHIS

Owner (Name, Address, & Phone): EASTERN MUNICIPAL WATER DIST. (EMWD)

2270 TRULIBLE RD. PERRIS, CA 92570 951-928-3777

Engineer (Name, Address, & Phone): CAROLLO ENGINEERS 3150 BRISTOL

STREET SUITE 500 COSTA MESA, CA 92626 714-593-5100

G.C. BRYAN KAISER 714-516-9496

Person in Charge of Project (Name & Phone): SUB: MIKE CASEBEER 951-316-1522

DNNEL: LAURIE DIMIT 951-928-3777

3) Subcontractor: SHOOK BUILDING SYSTEMS INC.

Contract Amount: 370,000 - Date Completed: 8/2018

Type of Work: FURNISHED & INSTALLED 2 EA. PRE-ENGINEERED METAL BLDGS

Owner (Name, Address, & Phone): SANTA MARGARITA WATER DISTRICT

23140 MARGUERITE PARKWAY SANTA MARGARITA, CA

Engineer (Name, Address, & Phone): HEERUP ENGINEERING & CONST. MGT.

10812 N. 44TH PHOENIX, AZ 85028 602-923-6829

Person in Charge of Project (Name & Phone): MATT CAIN 951-973-7393 (G.C.)

MIKE CASEBEER 951-316-1522 (SUB)

C.V. HEERUP 602-923-6829 (ENG)

2. Statement of Experience* (Continued)

d. Subbidder Projects (Continued)

4) Subcontractor: _____

Contract Amount: _____ Date Completed: _____

Type of Work: _____

Owner (Name, Address, & Phone): _____

Engineer (Name, Address, & Phone): _____

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

5) Subcontractor: _____

Contract Amount: _____ Date Completed: _____

Type of Work: _____

Owner (Name, Address, & Phone): _____

Engineer (Name, Address, & Phone): _____

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

6) Subcontractor: _____

Contract Amount: _____ Date Completed: _____

Type of Work: _____

Owner (Name, Address, & Phone): _____

Engineer (Name, Address, & Phone): _____

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

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

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

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

1) Name: N/A more than 5 years of experience

Address: _____

Type of Work: _____ Years of Experience: _____

Capacity (Title): _____

2) Name: N/A more than 5 years of experience

Address: _____

Type of Work: _____ Years of Experience: _____

Capacity (Title): _____

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

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

1) Name: _____

Address: _____

Type of Work: _____ Years of Experience: _____

Capacity (Title): _____

2) Name: _____

Address: _____

Type of Work: _____ Years of Experience: _____

Capacity (Title): _____

2. Statement of Experience* (Continued)

e. Bidder's Principals and Key Personnel (Continued)

3) Name: _____

Address: _____

Type of Work: _____ Years of Experience: _____

Capacity (Title): _____

4) Name: _____

Address: _____

Type of Work: _____ Years of Experience: _____

Capacity (Title): _____

5) Name: _____

Address: _____

Type of Work: _____ Years of Experience: _____

Capacity (Title): _____

f. Subbidder's Principals and Key Personnel (Continued)

3) Name: _____

Address: _____

Type of Work: _____ Years of Experience: _____

Capacity (Title): _____

4) Name: _____

Address: _____

Type of Work: _____ Years of Experience: _____

Capacity (Title): _____

5) Name: _____

Address: _____

Type of Work: _____ Years of Experience: _____

Capacity (Title): _____

2. Statement of Experience* (Continued)

- g. Has Bidder been involved in litigation with any owner of any project within the last 10 years? If so, please describe the project and the nature and results of any litigation including any lawsuits settled prior to trial.

Yes, please see attached.

- h. Have any subbidders been involved in litigation with any owner of any project within the last 10 years? If so, please describe the project and the nature and results of any litigation including any lawsuits settled prior to trial.

No.

- i. Bidder is advised that it may be required to submit a signed financial statement, financial data, or other information and references sufficiently comprehensive to permit an appraisal of its current financial condition prior to award of contract. Said statement, data, or information may be considered in selecting the successful Bidder.

- j. Each Bidder (Contractor), at its option, may provide pertinent data or other information which may help Owner properly evaluate bid proposal.

* Not required for materials only proposal

3. Supplemental Instructions to Bidders

- a. Bidder shall submit a proposal for each bid item. If award is made, Owner reserves the right to withhold award on certain bid or subbid items.
- b. All Work under these Contract Documents shall be completed in accordance with the Contract Completion Date.
- c. Bidder shall be licensed in accordance with the California Contractor Law of the Business and Professions Code and shall have a minimum of 5 years' experience in the type of Work specified. Subbidders, if any, shall also be licensed in accordance with the same law and shall also have a minimum of 5 years' experience in the type of Work specified.
- d. Bidder shall visit and inspect each work site and complete Certification of Bidder's Work Site Inspection to verify same.

4. Bid Schedule

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

**BID SCHEDULE I
FOR THE PFAS TREATMENT PROJECT AT MN PLANT #2**

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
101	General Conditions. Contract bonds, insurance, permits, project management, mobilization of equipment, materials, and labor prior to starting the Work, and demobilizing after completing all Contract Work. (Payment: 60% Mob & 40% Demob). Max 6% of Contract.	1	L.S.	N/A	\$ <u>110,000</u>
102	Site Shoring. Furnish trench protection (shoring or sloping) in accordance with CAL-OSHA Standards for all excavations greater than 5' in depth.	1	L.S.	N/A	\$ <u>5,000</u>
103	Demolition	1	L.S.	N/A	\$ <u>22,400</u>
104	Site Grading and Paving	1	L.S.	N/A	\$ <u>64,600</u>
105	Cartridge Filters	1	L.S.	N/A	\$ <u>167,300</u>
106	Ion Exchange System Installation	1	L.S.	N/A	\$ <u>486,500</u>
107	Site Piping	1	L.S.	N/A	\$ <u>396,700</u>
108	Concrete and Canopies	1	L.S.	N/A	\$ <u>245,800</u>
109	Chemical Dosing Systems	1	L.S.	N/A	\$ <u>144,600</u>
110	Electrical	1	L.S.	N/A	\$ <u>124,700</u>
111	Control Systems	1	L.S.	N/A	\$ <u>102,300</u>

TOTAL BID (Sum of Bid Items 101 through 111):

FINAL BID AMOUNT ADJUSTMENT (If Any):

Zero Dollars _____ Dollars \$ 0 _____ (words) (figures)

NET BID (With Adjustment)

One Million Eight Hundred Seventy Two Thousand Dollars
Nine Hundred. (words) \$ 1,872,900 (figures)

Bidder hereby acknowledges that all bid prices include any amounts payable by Owner for taxes which may result from this proposal.

Bidder's Authorized Representative:

 Signature

Joselito Quintu

Name (Print)

Vice President

Title (Print)

PACIFIC HYDROTECH CORPORATION

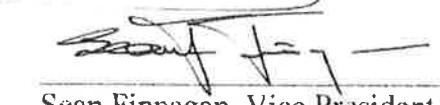
CORPORATE RESOLUTION

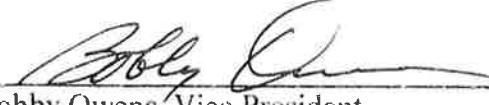
RESOLVED, that Joselito Guintu has the authority to sign contracts on behalf of the corporation.

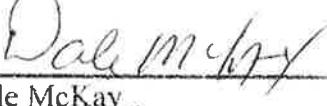
January 26, 2017

AUTHORIZED SIGNATURES

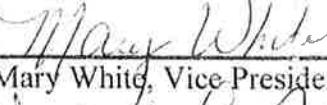

J Kirk Harns, President

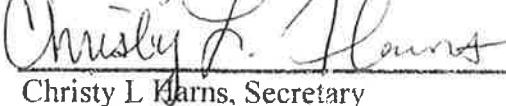

Sean Finnegan, Vice President

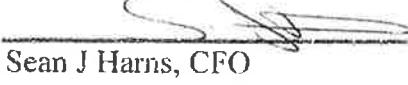

Bobby Owens, Vice President


Dale McKay


Joselito Guintu, Vice President


Mary White, Vice President


Christy L Harns, Secretary


Sean J Harns, CFO

5. Contract Completion Schedule

a. Completion Date

The Completion Date is and shall be based on Owner making award at its regular Board Meeting. Contractor will be advised of award, if made, immediately following said meeting (telephone conversation with letter confirmation). **Completion Date is 215 Calendar days from Award.** Contract time includes time for contract preparation, contract execution, notice to proceed, submittal preparation and review, materials procurement and construction.

b. Liquidated Damages

Contractor is advised that "Liquidated Damages" of \$2000.00 per calendar day may be assessed for each calendar day that the Work remains incomplete following the specified Completion Date, as adjusted for due cause by Change Order.

6. Certification of Bidder's Work Site Inspection

I certify that I have visited and inspected the work site on the following date:

J Kirk Harns - 12/3/2020 JKH.

I also certify that I am familiar with local conditions which may affect the performance of the work and propose to perform the work generally as follows:

Once awarded, submittals will be submitted for approval, then mobilize and start demolition and clearing the site,
followed by laying out and pouring conc pad, while waiting for concrete to cure partial site buried piping can be installed.
Once the conc pad is fully cured, the installation of GAC vessels, chem pumps, filters and above ground piping can start. Electrical, canopy, painting and the remaining buried piping will follow. After all equipment, piping and electrical
are fully tested , Start-up and final testing starts.

Bidder's Authorized Representative



Signature

Joselito Guintu

Name (Print)

Vice President

Title (Print)

7. Statement on Insurance

- a. Names and addresses of all members of partnership or names and titles of all corporate officers:

(All) 314 E 3rd Street, Perris, CA 92570

J Kirk Harns - President

Joselito Guintu - Vice President

June Diaz - CFO

Sean Harns - President Water Works Division

Christy Harns - Secretary

- b. The Bidder declares that the insurers named below have reviewed the insurance requirements set forth in the Contract Appendix (Section 8. Insurance) and have agreed to furnish all insurance specified.

Name(s) and address(es) of insurers agreeing to insurance coverage

The Brokerage Commercial Insurance Services

20261 SW Acacia St. Suite, Newport Beach, CA 92660

Rosa Cowgill (949) 287-5677

8. Certification of Bidding Documents

The Bidder hereby declares and certifies under penalty of perjury that the foregoing statements and all of Bidder's Proposal and Supporting Documents herewith submitted are accurate and correct.

BIDDER

Name: Pacific Hydrotech Corporation

Address: 314 E 3rd Street

Perris, CA 92570

Telephone (951) 943 8803

By: 
(Authorized Representative, Written Signature)

Corporation organized

under the laws of the

State of: CA

Joselito Guintu
(Authorized Representative, Typed or Printed Name)

Title: Vice President
[Individual, Partner, Corporate Officer (Title)]

Federal Tax Identification Number or Social
Security Number: 954107601

CALIFORNIA CONTRACTOR'S LICENSE:

Class A

(Corporate Seal)

Number 518355

Expiration Date 9/30/2021

NOTARY

A Notary Public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF _____
COUNTY OF _____

On _____, 20____, before me, _____, personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

Witness my hand and official seal.

Signature of Notary

(Notary Seal)

NOTE: If Notary elects to attach an acknowledgment form, Notary shall use the Notary Acknowledgment form attached at the end of this section (Bidding Documents), or, alternatively, Notary may use a California All-Purpose Acknowledgment form, provided Notary completes the entire form, both the required and optional portions.

CALIFORNIA ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California }
County of RIVERSIDE }
On January 5, 2021 before me, KRISTINE LEW, NOTARY PUBLIC,
Date Here Insert Name and Title of the Officer
personally appeared JOSELITO GUINTU
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Place Notary Seal and/or Stamp Above

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

A handwritten signature in blue ink that appears to read "Kristine Lew".

Signature of Notary Public

OPTIONAL

Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached DocumentTitle or Type of Document: CERTIFICATE OF BIDDING DOCUMENTSDocument Date: 01-05-2021 Number of Pages: 19

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)Signer's Name: Joselito Guintu Corporate Officer – Title(s): VICE PRESIDENT Partner – Limited General Individual Attorney in Fact Trustee Guardian or Conservator Other: _____Signer is Representing: PACIFIC HYDROTECH CORPORATIONSigner's Name: NONE Corporate Officer – Title(s): _____ Partner – Limited General Individual Attorney in Fact Trustee Guardian or Conservator Other: _____

Signer is Representing: _____

9. Non-Collusion Affidavit

Bidder's authorized representative Joselito Guintu (Affiant), being first duly sworn, deposes and says that he/she is Vice President (Title) of Pacific Hydrotech Corp (Bidder), the party making the foregoing bid; that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the Bidder has not directly or indirectly induced or solicited any other Bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any Bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the Bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the Bidder or any other Bidder, or to fix any overhead, profit or cost element of the bid price, or of that of any other Bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the Bidder has not directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

BIDDER

Name: Pacific Hydrotech Corporation

By: 
(Authorized Representative, Written Signature)

Joselito Guintu
(Authorized Representative, Typed or Printed Name)

Title: Vice President
[Individual, Partner, Corporate Officer (Title)]

NOTARY

A Notary Public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF _____
COUNTY OF _____

On _____, 20____, before me, _____, personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

Witness my hand and official seal.

Signature of Notary

(Notary Seal)

NOTE: If Notary elects to attach an acknowledgment form, Notary shall use the Notary Acknowledgment form attached at the end of this section (Bidding Documents), or, alternatively, Notary may use a California All-Purpose Acknowledgment form, provided Notary completes the entire form, both the required and optional portions.

CALIFORNIA ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of RIVERSIDE

}

On January 5, 2021 before me, KRISTINE LEW, NOTARY PUBLIC,
Date *Here Insert Name and Title of the Officer*
personally appeared JOSELITO GUINTU
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Place Notary Seal and/or Stamp Above

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.


Signature _____

Signature of Notary Public _____

OPTIONAL

Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached DocumentTitle or Type of Document: NON-COLLUSION AFFIDAVITDocument Date: 01-05-2021 Number of Pages: 1

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)Signer's Name: Joselito Guintu Corporate Officer – Title(s): VICE PRESIDENT Partner – Limited General Individual Attorney in Fact Trustee Guardian or Conservator Other: _____Signer is Representing: PACIFIC HYDROTECH CORPORATIONSigner's Name: NONE Corporate Officer – Title(s): _____ Partner – Limited General Individual Attorney in Fact Trustee Guardian or Conservator Other: _____

Signer is Representing: _____

NOTARY ACKNOWLEDGMENT

A Notary Public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of _____ } ss.
County of _____ }

On _____ before me, _____, a Notary Public, personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____ (seal)

REQUIRED INFORMATION

Capacity Claimed by Signer**Description of Attached Document**

Individual

Corporate Officer(s): _____

Document Title or Type _____

Title(s)

Partner(s):

Limited

General

Number of Pages _____

Attorney-in-Fact

Trustee(s)

Guardian/Conservator

Other: _____

Document Date _____

Other Signer(s) _____

Signer is Representing:
Name of Person(s) or Entity(ies)

SIGNER'S RIGHT THUMBPRINT	
Top of Thumb	

Pacific Hydrotech Corporation GAC WTP Project Resume

Project Name	Location	Owner	Engineer	Description of Project	Total Value of Construction	Type	Completion Date
Graves Reservoir Replacement	South Pasadena, CA	City of South Pasadena - Kahono Oei 626-403-7240 koei@southpasadena.ca.gov	NV5 - Luanne Bean (951) 377-1566 luanne.bean@nv5.com	Construction of 1.2MG concrete reservoir, and Installation of new sodium hypochlorite on-site generation system, GAC filter system and ion exchange system.	\$10,114,300.00	GAC / IOX	11/20/2020
Live Oak Well TCE Treatment System	Arcadia, CA	City of Arcadia - Eddie Chan (626) 254-2713 echan2@arcadiaca.gov	Montrose Environmental - Dustin Stickney (714) 632-9969 dstickney@montrose-env.com	Furnish and Install all inlet and outlet piping, and GAC System to integrate treatment, storage, and pumping facilities together and for connection to the existing distribution system. This included installing eight carbon vessels, all associated piping, fittings, and equipment pads. Scope of work included assistance during GAC Loading and Backwashing. A 12" pressure sustaining valve was installed, GAC system connected to an 18" Inlet and outlet above ground pipeline and underground piping. Scope also included misc. site improvements and paving.	\$888,602.00	GAC	11/20/2019
Southern Well No. 6	Torrance, CA	Golden State Water Company - Justin Doronio (310) 436-6950 justin.doronio@gswater.com	Water Works Engineers - Joe Riess (530) 604-5977 joer@wwwengineeringers.com	Design / Build project with a backwash storage tank, decant pump, ATEC filter system, analyzers, chemical injectors and drainage pipes.	\$1,044,255.00	GAC	12/19/2018
Menifee-Perris Desalter 1 Iron Manganese Removal Facility	Perris, CA	Eastern Municipal Water District - Bruce Mitzel 951-928-3777	Krieger & Stewart - Phil Strom 951-684-6900	Ion exchange system, 11 sodium hypochlorite generation system for (11) well sites, equipment building, chemical building, yard piping, electrical works, siteworks	\$15,367,420.00	IOX	4/15/2014
Miramonte Plant Install GAC Treatment	Los Angeles, CA	Golden State Water Company - Nancy Baker 714-535-7711	Golden State Water Company - Nancy Baker 714-535-7711	Install leased GAC vessels, relocate and install existing GAC vessels, provide and install concrete slabs, modify existing chlorine injection vault and piping, provide and install plant piping, provide and install site electrical, testing and acceptance of system, provide install maintain and remove painted construction sign	\$240,634.00	GAC	11/17/2012
Paramount Well	Paramount, CA	City of Paramount - Chris Cash 562-220-210	Tetra Tech - Tom Epperson 949-809-5156	Equipping well with pump/motor, installation of ion exchange filter treatment system, erection of steel tank, backwash tank, yard piping, chemical system, and site improvements	\$3,083,100.00	IOX	9/7/2012
Tujunga Wells	Tujunga, CA	Siemens - David White (714) 228-8818	Siemens - David White (714) 228-8818	Installation of (20) GAC Systems	\$482,000.00	GAC	8/24/2010
Nixon East & West Wells Liquid Phase GAC Project (7.0 MGD)	Baldwin Park, CA	Valley County Water District - Brian Dickinson 909-240-8110	Valley County Water District - Brian Dickinson 909-240-8110	Design and install two independent filter systems (8) GAC vessels for East well and (6) GAC vessels at West well	\$2,106,400.00	GAC	6/6/2010
Dry Year Yield Wells Water Treatment Plant (8.0 MGD)	Ontario, CA	City of Ontario - Ray Hahn - 909-395-2600 rhahn@ci.ontario.ca.us	Carollo Engineers - Tim Van Damme 951-776-3955 - tvandamme@carollo.com	Construction of 2 well sites, block building, pipelines, paving, sodium hypochloride, generation system, ion exchange systems, generator, electrical works	\$8,444,990.00	IOX	3/30/2010
Alhambra Groundwater Treatment Plant (11.0 MGD)	Alhambra, CA	City of Alhambra - Tom Coleman 626-570-5007	Civiltec - Terry Kerger 626-357-0588 - tkerger@civiltec.com	Construction of an ion exchange system, GAC filters, backwash tanks, chemical feed, filter bags, pump station, metal building, pipeline, paving, fencing, site walls and electrical works.	\$9,010,045.00	GAC / IOX	9/30/2008

Pacific Hydrotech Corporation GAC WTP Project Resume

Pioneer Plant	Norwalk, CA	Golden State Water Company - Sunil Pillai 909-394-2272	Golden State Water Company - Sunil Pillai 909-394-2272	GAC Filters, Electrical, Masonry Building, Chemical Systems	\$1,516,000.00	GAC	2/24/2008
Rialto GAC Treatment Plant (5.0 MGD)	Rialto, CA	West Valley Water District - Lon Tsia 909-875-1804 - lon@wwvd.org	Engineering Resources 909-890-1804	GAC Filter Plant with 6 carbon absorber, backwash pipe, concrete pad, piping, paving, fencing and electrical conduits	\$2,007,400.00	GAC	6/7/2007
Water Treatment Plant Expansion	Idyllwild, CA	Fern Valley Water District- 659-2200	Albert Webb & Associates Brian Knoll- 951-248-4279	EPD 2 Stage Pressure Filter w/ 5 Vessels, On-site Sodium Hypochlorite Generation System, Raw Water Pump, Backwash Tank, Pipings, Electrical works.	\$892,300.00	GAC	5/23/2007
Holabird Water Treatment Plant (6.0 MGD)	Calipatria, CA	Southern California Water Authority - John Kemp 760-348-5331	Albert Webb and Associates - Brian Knoll 951-248-4279	Construction of treatment plant, onsite piping, 3 pump stations, pre-engineered metal building, filter GAC vessels, filter tanks, site works and electrical works	\$4,325,799.00	GAC	5/5/2005
Loma Linda Arsenic Removal Treatment Plant	Loma Linda, CA	City of Loma Linda - Greg Snyder	Albert Webb & Associates - Brian Knoll 951-248-4279	Arsenic Removal Filter Plant, Backwash pipe, concrete pad, piping, paving, fencing and electrical conduits.	\$2,000,000.00	IOX	5/5/2005
Palmyrita Filter Plant (20.0 MGD)	Riverside, CA	City of Riverside - Owen Lu 909-225-9388	CMD - Jack Santo 760-438-7755	GAC Filter Plant with 15 filters, backwash, chemical feed generator, control piping, paving, fencing, walls, electrical and controls	\$3,417,048.00	GAC	4/5/2003
Juan Treatment Plant	Hawaiian Gardens, CA	GSWC - Joe Manesi 714-535-7711	GSWC - Joe Manesi 714-535-7711	Arsenic and Manganese Removal Facility	\$1,720,000.00	IOX	3/18/2000
Century Treatment Plant	Southgate, CA	Golden State Water Company - Joe Manesi 714-535-7711	GSWC - Joe Manesi 714-535-7711	Arsenic and Manganese Removal Facility	\$1,750,000.00	IOX	1/20/2000
Senteny Water Treatment Plant	Culver City, CA	Golden State Water Company - Joe Manesi 714-535-7711	GSWC - Joe Manesi 714-535-7711	Water treatment facility, GAC filters	\$2,200,000.00	GAC	1/30/1998



Gabriel Valdez

Email: thenamegabriel@gmail.com

PROFESSIONAL EXPERIENCE:

Project Coordinator//Pacific Hydrotech Corporation//Perris, CA

08.2016- Present

Project Planning and Tracking

- Coordinate Contractors, Suppliers and City Permits
- Document Change Order, Submittals and Resubmittals
- Develop and maintain schedules for Projects
- Communication on project status, temperature and risks
- Ability to develop estimates for quantities and costs of materials and labor
- RFI's / Dailies / USA Dig Alert

Project Manager // S&S Douglas Construction Firm // Lake Elsinore, CA

01.2013 – 08.2016

-Project Planning and Tracking

- Coordinate Contractors, Suppliers and City Permits
- Document Change Order, Submittals and Resubmittals
- Develop and maintain schedules for Projects
- Communication on project status, temperature and risks
- Ability to develop estimates for quantities and costs of materials and labor
- Knowledgeable in customer satisfaction, Issue resolution and tracking
- Meeting management and conflict resolution
- Familiar with Underground Pipeline (Water, Sewer, Storm Drain and Fire Line)
- Familiar with Insurance for Projects (General Liability, Workman's Comp, Auto)
- OSHA Certified as Safety Competent Person
- Contract Management
- RFI's / Dailies / USA Dig Alert
- Processing Closeout As-Built Plans and Warranties
- Prepares Work Order, Drawings and/or Construction Plans
- Assists Estimating Department in determining the scope of work, method of service, and construction method for Underground Pipeline.
- Preparing Work Packages including: Work Plans, Procedures, Drawings, Manpower, Materials and Equipment needed as well as Testing Procedures.
- vendors and upper level management.



Project Manager Resume, Sean Harns, PE

Summary of Qualifications and Education

Civil Engineer C82250	2013
Master of Business Administration Westminister College, SLC, UT	2012
BC Civil Engineering Universtiy of Utah	2009

Project Experience

Project Name	RTP Cogen and Switchgear Upgrades
Location	Laguna Niguel, CA
Owner	South Orange County Wastewater Authority
Contact	Brian Peck
Engineer	Carollo
Contact	Jeff Weishaar
Construction Manager	Butier Engineering
Contact	Mark Butier
Total Value of Construction	\$9.3M
Scope of Work	Cogen Upgrade, Gas Cleaning System, Retaining Walls AC and Concrete Road Replacement, Underground Utilities Install New SCE Service, Electrical System Upgrade
Completion Date	Jun-17

Project Name	Dace Well
Location	Norwalk, CA
Owner	Golden State Water Company
Contact	Joe Farah
Engineer	AKM/Golden State
Contact	Joe Farah
Construction Manager	Golden State Water Company
Contact	Ben Easley
Total Value of Construction	\$1.1M
Scope of Work	Equip Well, Underground Water Distribution, Site Improvements, Road Repair, Instal SCE Service
Completion Date	Dec-15

PACIFIC HYDROTECH CORPORATION
HISTORICAL CLAIMS
FOR PREVIOUS 5 YEARS
6/30/20

GENERAL LIABILITY CLAIMS ADDENDUM

Claims handled by liability Insurer

DOL	Claimant Name	Jobsite	Open/Closed	Loss Description	Status	Claimant Counsel	Claims Contact
8/20/18	Kyle Okura (Unrelated 3rd Party)	Moulton Niguel	OPEN	Claimant was riding bike on dirt, fell and injured arm/wrist. Insurance Claim No. #006537-005293-GB-01	Claim is currently settled and being finalized at this time.	James Kuan Phone: 714.234.4330 100 Spectrum Center Dr. Irvine, CA 92618	Rosa Cowgill The Brokerage Comm. Ins. 949.287.5677
9/2/17	Mark Denney (Unrelated 3rd Party)	Emerald Bay	CLOSED	Claimant injured from falling from his bike when he allegedly came upon uneven pavement. Orange County Superior Court Case No. 30-218-00994482-CU-PO-CX	Claim resolved with contribution from subcontractor.	Paul S. Zukerman, Esq Phone: 310.273.1230 8827 W. Olympic Blvd. Beverly Hills, CA 90211	Rosa Cowgill The Brokerage Comm. Ins. 949.287.5677
9/22/16	Pacific Hydrotech	N/A	OPEN	Failure to Indemnify. Orange County Superior Court Case No. 30-2017-00937577_CU-IC-CXC	Filed DJA action against subcontractor insurer, James River for bad faith.	John R. Campo, Esq Geoffrey Hutchinson; Branson, Brikoop, Griffith & Campo, LLP. Phone: 650.365.7710 643 Bair Island Rd., Ste 400 Redwood City, CA 94063	Rosa Cowgill The Brokerage Comm. Ins. 949.287.5677

*Does not include any auto incidents

Civil Claims (Not covered by Insurance)

5/10/2019	Zatarian Transport, LLC (Subtier Trucker)	Sterling Reservoir and Pump Station	Closed	Trucking Company did not pay sub-tier trucker. Riverside Superior Court Case No MVC 1906098	Settled, Trucking Company paid amount due.	Randy Chang, ESQ 7755 Center Ave. Suite 1100 Huntington Beach, CA 92647 818/599-6095	James Lipschultz 3435 Ocean Park Blvd Suite 214 Santa Monica, CA 90405 310/820-3311
12/3/2018	Neal Electric and Independent Power Systems (Electrical Service & Supplier)	San Dieguito Pump Station	Closed	Neal Electric was a Subcontractor on this project who was subject to backcharges for improper performance. San Diego Superior Court Case No. 37-2018-00060824 and 37-2018-00020309	Settled on an amount of back charge.	Jeff S. Hood Procopio, Cory, Hargreaves & Savitch LLP 12544 High Bluff Drive, Suite 400 San Diego, CA 92101 619/238-1900	James Lipschultz 3435 Ocean Park Blvd Suite 214 Santa Monica, CA 90405 310/820-3311
5/25/2017	Don Jensen (Dirt Stockpile, Property Owner)	1000 Oaks, CA	Closed	Pacific Hydrotech did not restore their property to pre-construction conditions. Ventura County Superior Court Case 56-2013-00490570-CU-ET-VTA	Settled claim and restored property	Joel D. Ruben 1230 Rosecrans Ave, Suite 300 Manhattan Beach, CA 90266 424/456-3006	Benson Y.L. Chang 21031 Ventura Blvd. Suite 800 Woodland Hills, CA 91364 818/226-1222

DLSE Claims

11/7/2019	DLSE	Garfield Reservoir	Closed	Crabtree Glass Company, Inc. did not pay proper Certified Wages. 40-61300/313	Settled by Crabtree making payment to DLSE	Crabtree Glass Company Inc. 13203 Sherman Way North Hollywood, CA 91605 818/765-1840	Pacific Hydrotech Corp 314 E 3rd St Perris, CA 92570 951/943-8803
10/14/2019	DLSE	WRP 7 Bio Solids Project	Closed	Prousys, Inc did not comply with payroll rules. 40-58254/753	Pacific Hydrotech Corp paid the wages due directly to DLSE and was dismissed from the case	Prousys Inc. 4700 New Horizon Blvd. Bakersfield, CA 93313 661/837-4001	Pacific Hydrotech Corp 314 E 3rd St Perris, CA 92570 951/943-8803

12. Bid Bond

KNOW ALL MEN BY THESE PRESENTS, that we (Contractor),
Pacific Hydrotech Corporation as Bidder and Principal, and
Liberty Mutual Insurance Company as Surety, are held firmly bound unto the RUBIDOUX
COMMUNITY SERVICES DISTRICT, situated in Riverside County, California, hereinafter called the Owner, in the penal
sum of Ten Percent of Bid Amount dollars, \$ 10%, for the payment of which sum,
well and truly to be made, we bind ourselves, and our successors and assigns, jointly and severally, firmly by these presents.

The condition of this obligation is that whereas Bidder has submitted the accompanying bid dated
December 18, 2020, FOR THE PFAS TREATMENT PROJECT AT MN PLANT #2.

NOW THEREFORE, (1) if the Bidder shall not withdraw said bid within thirty days after the opening of the same,
and (2) shall within ten days after the award of the contract furnish the required certificates of insurance and enter into a
written contract with the Owner in accordance with the bid as accepted, and (3) if the Bidder shall give the required bonds
with good and sufficient sureties for the faithful performance and proper fulfillment of said contract and for the protection of
laborers and material men, or (4) in the event of the withdrawal of said bid within the periods specified, or the failure to enter
into said contract, if the Bidder shall within thirty days after request by the Owner pay the Owner the difference between the
amount specified in said bid and the amount for which the Owner may procure the required Work or supplies, if the latter
amount be in excess of the former, then the above obligations shall be void and of no effect, otherwise they remain in full
force and effect.

In the event suit is brought upon this bond by the Owner and judgment is recovered, the Surety shall pay all costs
incurred by the Owner in such suit, including reasonable attorney's fee, to be fixed by the court.

For value received, the Surety hereby stipulates and agrees that the obligation of said Surety and its bond shall in no
way be impaired or affected by any bid errors or by an extension of time within which the Owner may accept such bid, and
said Surety hereby waives notice of any such extension.

IN WITNESS WHEREOF, Bidder and Surety have duly and fully executed this instrument this 14th day of
December, 2020.

PRINCIPAL:

Name Pacific Hydrotech Corporation

By 
(Authorized Representative, Written Signature).

JOSELITO GUINTU

(Authorized Representative, Typed or Printed Name)

Title VICE PRESIDENT

[Individual, Partner, Corporate Officer (Title)]

Attest: (If Corporation)

By _____

Title _____

(Corporate Seal)

SURETY:

Name Liberty Mutual Insurance Company

By 
(Authorized Representative, Written Signature)

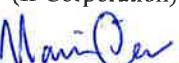
Lawrence F. McMahon

(Authorized Representative, Typed or Printed Name)

Title Attorney-in-Fact

[Individual, Partner, Corporate Officer (Title)]

Attest: (If Corporation)

By 

Title Maria Guise, Witness

(Corporate Seal)

NOTE: Both Principal and Surety signatures must be notarized. A copy of the power of attorney to local representatives of
the bonding company must be attached hereto.

12. Bid Bond (Continued)

NOTARY FOR PRINCIPAL

A Notary Public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF _____)
COUNTY OF _____)

On _____, 20____ before me,
personally
appeared _____
who proved to me on the basis of satisfactory evidence to be
the person(s) whose name(s) is/are subscribed to the within
instrument and acknowledged to me that he/she/they executed
the same in his/her/their authorized capacity(ies), and that by
his/her/their signature(s) on the instrument the person(s), or
the entity upon behalf of which the person(s) acted, executed
the instrument.

I certify under PENALTY OF PERJURY under the laws of
the State of California that the foregoing paragraph is true and
correct.

Witness my hand and official seal.

Signature of Notary

(Notary Seal)

Please see attached California
All-Purpose Acknowledgment
for Surety

NOTARY FOR SURETY

A Notary Public or other officer completing this certificate
verifies only the identity of the individual who signed the
document to which this certificate is attached, and not the
truthfulness, accuracy, or validity of that document.

STATE OF _____)
COUNTY OF _____)

On _____, 20____ before me,
personally
appeared _____
who proved to me on the basis of satisfactory evidence to be
the person(s) whose name(s) is/are subscribed to the within
instrument and acknowledged to me that he/she/they executed
the same in his/her/their authorized capacity(ies), and that by
his/her/their signature(s) on the instrument the person(s), or
the entity upon behalf of which the person(s) acted, executed
the instrument.

I certify under PENALTY OF PERJURY under the laws of
the State of California that the foregoing paragraph is true and
correct.

Witness my hand and official seal.

Signature of Notary

(Notary Seal)

NOTE: If Notary elects to attach an acknowledgment form, Notary shall use the Notary Acknowledgment form attached at the end of this section (Bidding Documents), or, alternatively, Notary may use a California All-Purpose Acknowledgment form, provided Notary completes the entire form, both the required and optional portions.

IMPORTANT: Surety companies executing Bonds must possess a certificate of authority from the California Insurance Commissioner authorizing them to write Surety insurance defined in Section 105 of the California Insurance Code and, if the work or project is financed, in whole or in part, with federal grant or loan funds, said Surety companies must also appear on the Treasury Department's most current list (Circular 570 as amended).

Any claims under this bond may be addressed to:

Name and address of Surety

Liberty Mutual Insurance Company

790 The City Drive South, Suite 200

Orange, CA 92868

Name and address of agent or representative
for service of process in California, if different
from above

Telephone number of Surety and agent or representative
for service of process in California

Surety: (714) 634-5712 / Agent: (619) 238-1828

CALIFORNIA ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of RIVERSIDE

}

On January 4, 2021 before me, KRISTINE LEW, NOTARY PUBLIC

Date

Here Insert Name and Title of the Officer

personally appeared JOSELITO GUINTU

Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(x) whose name(x) is subscribed to the within instrument and acknowledged to me that he/she(x) executed the same in his/her(x) authorized capacity(x), and that by his/her(x) signature(s) on the instrument the person(x), or the entity upon behalf of which the person(x) acted, executed the instrument.



Place Notary Seal and/or Stamp Above

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

A handwritten signature in blue ink that appears to read "Kristine Lew".

Signature of Notary Public

OPTIONAL

Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached DocumentTitle or Type of Document: BID BONDDocument Date: 12/14/2020Number of Pages: 2

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)Signer's Name: Joselito GuintuSigner's Name: NONE Corporate Officer – Title(s): VICE PRESIDENT Corporate Officer – Title(s): _____ Partner – Limited General Partner – Limited General Individual Attorney in Fact Individual Attorney in Fact Trustee Guardian or Conservator Trustee Guardian or Conservator Other: _____ Other: _____Signer is Representing: PACIFIC HYDROTECH CORPORATION

Signer is Representing: _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

Civil Code § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document, to which this certificate is attached, and not the truthfulness, accuracy or validity of that document.

STATE OF CALIFORNIA

County of San Diego

}

On DEC 14 2020

before me,

Maria Guise

, Notary Public,

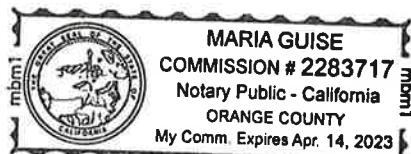
Date

Insert Name of Notary exactly as it appears on the official seal

personally appeared

Lawrence F. McMahon

Name(s) of Signer(s)



Place Notary Seal Above

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

Witness my hand and official seal.

Signature

Signature of Notary Public Maria Guise

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of the form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

Individual

Corporate Officer — Title(s): _____

Partner Limited General

Attorney in Fact

Trustee

Guardian or Conservator

Other: _____

RIGHT THUMPRINT
OF SIGNER

Top of thumb here

Signer's Name: _____

Individual

Corporate Officer — Title(s): _____

Partner Limited General

Attorney in Fact

Trustee

Guardian or Conservator

Other: _____

RIGHT THUMPRINT
OF SIGNER

Top of thumb here

Signer is Representing:

Surety Company

Signer is Representing:



This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

Certificate No: 8204402-024019

POWER OF ATTORNEY

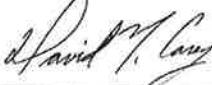
KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Dale G. Harshaw; Geoffrey Shelton; Janice Martin; John R. Qualin; Lawrence F. McMahon; Minna Huovila; Sarah Myers; Tara Bacon

all of the city of San Diego state of CA each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 22nd day of October, 2020.



Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

By: 
David M. Carey, Assistant Secretary

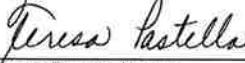
State of PENNSYLVANIA ss
County of MONTGOMERY

On this 22nd day of October, 2020 before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Upper Merion Twp., Montgomery County
My Commission Expires March 28, 2021
Member, Pennsylvania Association of Notaries

By: 
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS: Section 12. Power of Attorney.

Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII – Execution of Contracts: Section 5. Surety Bonds and Undertakings.

Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 14th day of December, 2020.



By: 
Renee C. Llewellyn, Assistant Secretary

RUBIDOUX COMMUNITY SERVICES DISTRICT
CONTRACT DOCUMENTS FOR
PFAS TREATMENT AT MN PLANT #2

ADDENDUM NO. 1

PLEASE BE ADVISED:

The following clarifications, changes, additions, and corrections hereinafter set forth shall be incorporated into the project Contract Documents, and shall be made a part thereof, subject to all the requirements thereof, as if originally specified and/or shown.

1. The bid date is extended to January 7, 2021 at 1:30 PM.
2. The Bid Bond form which shall be included with your bid is attached.
3. All remaining bid questions received prior to the deadline will be responded to in a separate bid addendum.

By: /s/ Ted Beckwith Ted Beckwith, P.E. Date: December 11, 2020
Ted Beckwith, Director of Engineering

ADDENDUM NO. 1 ACKNOWLEDGMENT

Bidder hereby acknowledges receipt of Addendum No. 1 and the incorporation thereof in Bid Proposal for the PFAS TREATMENT PROJECT AT MN PLANT #2.

Bidder: PACIFIC HYDROTECH CORP.

By:  JOSÉ CITO
(Bidder's Authorized Representative)

Date: 1/6/21

Title: VICE PRESIDENT

RUBIDOUX COMMUNITY SERVICES DISTRICT
CONTRACT DOCUMENTS FOR
PFAS TREATMENT PROJECT AT MN PLANT #2

ADDENDUM NO. 2

PLEASE BE ADVISED:

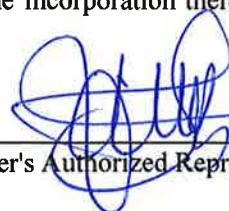
The following clarifications, changes, additions, and corrections hereinafter set forth shall be incorporated into the project Contract Documents, and shall be made a part thereof, subject to all the requirements thereof, as if originally specified and/or shown.

1. The deadline for questions related to this bid has been extended to December 16, 2020 at 11:30 AM.
2. The Bid Bond amount is to be 10% of the bid amount.
3. The pre-bid meeting sign-in sheet is attached and included as part of this addendum.
4. Responses to bidder questions received to date are attached and included as part of this addendum.

By: /s/ Ted Beckwith Ted Beckwith, P.E.  Date: December 11, 2020
Ted Beckwith, Director of Engineering

ADDENDUM NO. 2 ACKNOWLEDGMENT

Bidder hereby acknowledges receipt of Addendum No. 2 and the incorporation thereof in Bid Proposal for the PFAS TREATMENT PROJECT AT MN PLANT #2.

Bidder: PACIFIC HYDROTECH CORP. By: JOSÉ LUIS GUNTU
(Bidder's Authorized Representative)

Date: 1/6/21 Title: VICE PRESIDENT

**RUBIDOUX COMMUNITY SERVICES DISTRICT
CONTRACT DOCUMENTS FOR
PFAS TREATMENT PROJECT AT MN PLANT #2**

ADDENDUM NO. 3

PLEASE BE ADVISED:

The following clarifications, changes, additions, and corrections hereinafter set forth shall be incorporated into the project Contract Documents, and shall be made a part thereof, subject to all the requirements thereof, as if originally specified and/or shown.

1. Responses to additional bidder questions received prior to 12/16/20 at 11:30 AM are attached and included as part of this addendum.
2. Existing site as-builts are attached and included as part of this addendum.

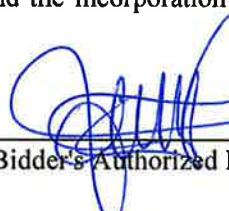
By: /s/ Ted Beckwith Ted Beckwith, P.E. Date: December 17, 2020
Ted Beckwith, Director of Engineering

ADDENDUM NO. 3 ACKNOWLEDGMENT

Bidder hereby acknowledges receipt of Addendum No. 3 and the incorporation thereof in Bid Proposal for the PFAS TREATMENT PROJECT AT MN PLANT #2.

Bidder: PACIFIC HYDROTECH

Date: 1/6/21

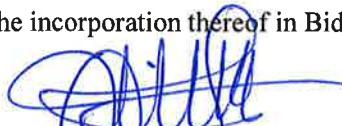
By:  JOSEPH GENUA
(Bidder's Authorized Representative)

Title: VICE PRESIDENT

ADDENDUM NO. 4 ACKNOWLEDGMENT

Bidder hereby acknowledges receipt of Addendum No. 4 and the incorporation thereof in Bid Proposal for the PFAS TREATMENT PROJECT AT MN PLANT #2.

Bidder: PACIFIC HYDROTECT CORP.

By: 
JENELITO QUINTU
(Bidder's Authorized Representative)

Date: 1/6/21

Title: V.P.

Hazen

January 13, 2021

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

Re: Bid Award Recommendation for PFAS Treatment Project at MN Plant #2

Dear Mr. Beckwith:

Hazen and Sawyer completed design on the PFAS Treatment Project at MN Plant #2 (Project) in November 2020. The Project was advertised for construction bids, with bids due on January 7, 2021. The engineer's estimate was \$2,343,750. Eight (8) bids were received from construction contractors:

- Pacific Hydrotech Corp: \$1,872,900
- SCW Contracting Corp: \$2,030,000
- Schuler Constructors: \$2,095,247
- RC Foster: \$2,172,000
- Innovative Construction Solutions: \$2,195,000
- Environmental Construction, Inc: \$2,235,559
- Metro Builders & Engineers Group: \$2,363,232
- Filanc Construction Company: \$3,043,709

The lowest bid was from Pacific Hydrotech Corp at \$1,872,900. Their bid package showed they meet the qualification requirements, and all the required information was submitted.

It is our recommendation to award the construction contract to Pacific Hydrotech Corp.

Thank you,



Tori Yokoyama, PE
Hazen and Sawyer



January 5, 2021

000-161.38A

Rubidoux Community Services District
3590 Rubidoux Boulevard
Jurupa Valley, CA 92509

Attention: Ted Beckwith, Director of Engineering

Via email to: tbeckwith@rcsd.org

Subject: Proposal for Contract Administration and Inspection Services for
PFAS Treatment Project at MN Plant #2 (Leland Thompson Water Treatment Facility)

Gentlemen:

We appreciate the opportunity to submit our proposal for subject project. Our proposal is divided into the following sections:

1. Project Understanding and Approach
2. Scope of Services
3. Project Team
4. Fee and Schedule

Formed in 1971, Krieger & Stewart has provided contract administration and inspection services for similar projects for numerous public agency clientele (including the District), many on a continuing basis for as long as we have been in business. Our sustained relationships, together with what we consider to be an outstanding record of minimizing contract change orders through rigorous contract administration and inspection practices, make us well qualified to provide the required services to the District. As set forth in the attached proposal, Krieger & Stewart's experience and team offer the District superior assistance and services as a result of:

- Extensive experience with the District and its staff, resulting in **familiarity with the District's standards, practices, guidelines, and preferences** - thereby eliminating "on the job training" and enabling timely, successful completion of the project.
- Long term, consistently assigned, local staff members in contract administration and inspection who are **immediately available** to provide **timely responses and assistance** to the District.
- **Experienced** and **intelligent** construction engineering managers and inspection staff with engineering backgrounds or past experience as construction superintendents and foremen.
- **Thorough** and **comprehensive** Contract Document review and understanding, allowing us to minimize change orders during construction.
- Familiarity with **pertinent jurisdictional agencies** (local, state, federal) necessary for successful project implementation.
- **Extensive experience** of Krieger & Stewart staff members **acting as an extension to the District's staff**.



Rubidoux Community Services District
January 5, 2021
Page 2

We understand that having an experienced engineering, inspection, and support staff is an essential component to successful completion of subject project. We have assembled a project team, as described in **Section 3**, that will provide the District with the benefit of over 150 years of engineering and construction experience.

Krieger & Stewart's staff members will perform all of the tasks described in our Scope of Services (**Section 2**). Based on our correspondence with the District, our proposal reflects that the District will directly retain the outside services of Converse Consultants for soils and concrete testing; however, we will assist the District in the coordination efforts required for these services to be performed. We understand that the District is scheduled to receive bids for the construction contract in December 2020, and tentatively intends to award the construction contract in January 2021. All members of our project team are available to commence our services for the project by the middle of January.

As described in **Section 4** (Fee and Schedule) and shown on **Table 4-1** therein, we propose to provide all of the base services included in our Scope of Services for an estimated fee of \$140,400, and offer the optional startup services for an additional \$8,200. We will invoice the District monthly based on our 2021 Fee Schedule; a copy of said Fee Schedule is also included in **Section 4**. Krieger & Stewart will not exceed this estimated fee without prior District approval.

Krieger & Stewart has no conflict of interest (personal or organizational) pertaining to this project. Krieger & Stewart maintains excess liability insurance with coverage of \$5,000,000, general and professional insurance with coverage of \$2,000,000 under each policy, automobile and employer's liability insurance with coverage of \$1,000,000 under each policy, and worker's compensation with coverage based on the statutory limit.

Again, we are pleased to be considered to provide contract administration and inspection services to the Rubidoux Community Services District regarding subject project, and are available to discuss our proposal with you at your convenience.

Sincerely,

KRIEGER & STEWART

A handwritten signature in blue ink that reads "Charles A. Krieger".

Charles A. Krieger

TRR/blt
000-161P38-PRO

Attachment: Proposal



SECTION 1 - PROJECT UNDERSTANDING AND APPROACH

PROJECT UNDERSTANDING

The existing MN Plant #2 (Leland Thompson Water Treatment Facility) is located just east of the corner of 34th Street and Daly Avenue. This facility can remove manganese from raw water produced by three nearby wells, Wells 1A, 8 and 18 (which is located onsite). The treated effluent is then conveyed into the distribution system through a 16" transmission line located in 34th Street.

This project consists of constructing a new PFAS removal facility at the MN Plant #2 site. The proposed system has been designed to treat effluent water from the MN Plant #2 and raw water from Well 8 before it is sent to the distribution system.

The proposed PFAS Treatment Facility has been designed with multiple ion exchange vessels and configured so that if one well or vessel is out of service, the other wells could still be operated through the Facility. Raw water to be treated will be either effluent from the MN Plant #2, raw water from Well 8, or a blend of water produced from the two sources. The design of the PFAS Treatment Facility accounts for the MN Plant #2 operating at 3,200 gpm and Well 8 operating at 1,700 gpm, resulting in a total treatment capacity of 4,900 gpm.

The proposed ion exchange system (to be supplied by Evoqua) includes six (6) ion exchange vessels and proprietary media, valve manifold, valve manifold pipe support and all items that are physically attached to the vessels including air release valves and fill piping. The proposed Facility has been designed, and we understand the Contract Documents are based on the equipment to be supplied by Evoqua that has been pre-procured by the District.

Other required work consists of constructing site facilities, site piping, two (2) cartridge filters, chemical feed system, sodium bisulfate storage tank, electrical equipment, motor control equipment, instrumentation, controls, and all related appurtenances.

Lastly, Krieger & Stewart is intimately familiar with projects involving pre-purchased equipment. We

understand the considerations (i.e. challenges and distinctions) associated with same. Said considerations include: typical claims made by the Installation Contractor, payment procedures and schedule, startup procedures, and the responsibilities/interactions amongst key parties (particularly the various subcontractors). Our previous experience has provided us with the tools and procedures necessary to avoid/overcome the common challenges associated with this particular equipment.

APPROACH

Krieger & Stewart's approach to contract administration and inspection services projects is such that said projects are given the highest priority of all active projects. We recognize the need to respond to submittals, requests for information (RFIs), requests for change (RFCs), and any other concerns raised by the District or Contractor immediately. Our team members are instructed and trained to implement a proactive approach to our services (i.e. thorough preparation and anticipation to mitigate potential future problems). Our team members will also practice frequent communication amongst themselves, with the Contractor and subcontractors, with District staff, with other consultants, and with all applicable jurisdictional agencies. Lastly, Krieger & Stewart's office and field personnel are committed to maintaining a professional attitude and approach to our services, regardless of the situation. This approach enables us to avoid potential disruptive field confrontations with Contractor personnel (and maintain our focus on key project elements).



SECTION 2 - SCOPE OF SERVICES

Krieger & Stewart has organized its construction engineering services into the following components:

1. Construction Management
2. Construction Contract Administration
3. Inspections
4. Project Closeout
5. Project Startup (Optional)

Engineering services proposed for the above components are discussed in the following subsections.

1. CONSTRUCTION MANAGEMENT

Preconstruction Meeting

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

We will attend the preconstruction meeting together with District staff and project Contractor staff. The preconstruction conference will provide the opportunity for complete review of the Contract Documents by all parties prior to starting work. In conjunction with District staff, we will be prepared to respond to questions regarding the Contract Document requirements, including special project requirements, sequence of work, and completion dates. We will review the Contractor's schedule and approach to construction. We will prepare a record of the meeting (meeting minutes), incorporating items reviewed, for distribution to all attendees.

Submittal Processing

Our project manager and document controls administrator, assisted by Krieger & Stewart

staff and our principal in charge (as appropriate), will expeditiously process project submittals to allow the design engineer adequate time to ensure compliance with the Construction Drawings and Specifications. We expect submittal documents to be received for the construction schedule, all construction materials and equipment, equipment operation and maintenance manuals, equipment warranties, and record drawings.

We will also prepare and maintain a detailed submittal log for an ongoing record of: submittal numbers, dates received and returned, quantities received and returned, descriptions, manufacturers, actions taken, and other comments as necessary. Said submittal log will be available for transmittal to the District at any time.

We will also review the Contractor's CPM construction schedules and schedule updates to ensure that the project will be completed in a timely manner, that nothing significant is omitted from same, and that the proposed sequencing is consistent with Contract requirements.

Progress Meetings

We will schedule, facilitate, and attend bi-monthly progress meetings with Contractor and District staff to discuss progress, scheduling and coordination efforts, and resolutions to construction problems encountered. We propose to include our project manager and construction inspector at each progress meeting.

Our project manager will prepare detailed meeting agendas and meeting minutes to be distributed to all attendees. The progress meetings will be held via teleconference or under socially distanced conditions at the job site, the District's office, or even at Krieger & Stewart's office (at the District's discretion).

Contract Administration and Inspection Services for PFAS Treatment Project at MN Plant #2



The progress meeting minutes will be the basis for progress reporting to the District's project manager. In addition to the bi-monthly progress meeting minutes, we will carefully monitor the project's progress, together with Krieger & Stewart's budget and unpaid Contract funds to the Contractor. Said data will be readily available for the District's project manager upon request.

2. CONSTRUCTION CONTRACT ADMINISTRATION

Contract Administration

Throughout the course of construction, our project manager, assisted by Krieger & Stewart staff, will work with the design engineer to respond to inquiries regarding the Contract Documents in order to ensure that the project is constructed in compliance with same. Contract administration activities will include site visits, review of daily inspection reports, daily conferences with the construction inspector, progress reviews to ensure that the project is proceeding according to schedule, progress reviews with District staff, and related services.

We will assist the design engineer in responding to requests for information (RFIs) from the Contractor regarding the Contract Documents in order to ensure that the improvements and related facilities are constructed in compliance with same. We will also assist the design engineer in preparing "clarifications" when we discover further explanation or correction of the Contract Documents is necessary. In addition, when the Contractor proposes altering the specified work, we will assist the design engineer in reviewing his request for change (RFC) to determine whether his proposal is equivalent to the Contract requirements. The cost of said engineering review will be borne by the Contractor.

We will prepare and maintain logs for all written aspects of project record, including submittals, RFIs, RFCs, clarifications, contract change orders, payment requests, non-compliance reports, accounting reports, and inspections.

Project progress and any changes during construction will be noted on a set of Contract Documents maintained in the field (by our inspector) and in our office (by our project manager). Problems or questions during construction will be resolved by our project manager and construction inspector. If a problem occurs requiring a District decision, District staff will be consulted. Our project manager will attempt to resolve complaints, concerns, and questions from the Contractor and other affected agencies.

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

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

Telephone numbers for normal working hours, evenings, and weekends for the project manager, construction inspector, Contractor, utilities, and emergency services will be provided to all concerned parties.

Partial Payment Requests

Each month, we will review the partial payment request submitted by the Contractor for work completed. Our project manager will review the work completed and the payment request with the construction inspector to ensure the quantities and amounts requested reflect the



Contract Administration and Inspection Services for PFAS Treatment Project at MN Plant #2



actual work completed. Prior to the Contractor's submittal of a payment request, he will be required to review the actual work completed with our inspection staff (so that both parties agree upon same). After each request has been reviewed (and revised if necessary), Krieger & Stewart's project manager will recommend approval and payment by the District.

3. INSPECTIONS

Construction Inspection

An experienced inspection staff is an important element in construction engineering services. When assembling a project team, Krieger & Stewart assigns inspectors to a project who have significant experience in providing the specific construction engineering services required for that type of project.

In addition to his field diaries, our construction inspector will prepare daily field reports which will be reviewed by our project manager. Our construction inspector will also take daily photographs as a record of project progress.

Prior to construction, our construction inspector will review the work site and photograph or videotape existing facilities as a record of pre-existing conditions. This will be in addition to the Contractor's required pre-construction audio video recording by a professional photographer.

During construction, Krieger & Stewart's construction inspector will review all materials delivered to the site for conformance with approved submittals and District standards.

Construction Staking

While the Construction Documents require the Contractor to provide all construction staking required for the project; during construction, the location of facilities (relative to the construction staking and locations established on the

Construction Drawings) will be verified by our construction inspector.

4. PROJECT CLOSEOUT

Final Inspection and Project Acceptance

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

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

Redlined Drawings

Once the project has been completed, we will prepare and provide the District and design engineer with a complete set of redlined drawings which will reflect the facilities as constructed. Field changes and changes resulting from contract change orders will be shown on the redlined drawings. All changes will be documented by the inspectors and our project manager. The design engineer will then be able to use these redlined drawings to incorporate all of these documented changes into the final record drawings.

Contract Administration and Inspection Services for PFAS Treatment Project at MN Plant #2



5. PROJECT STARTUP (OPTIONAL)

The Contract Documents require the Contractor and the filter system supplier to provide startup, performance testing, and system validation of all equipment and components, including adjustments and calibrations by all other equipment suppliers. Startup and performance testing will be witnessed by District staff.

Using the equipment operation and maintenance manuals, the various equipment suppliers will be required to provide District Operations staff with sufficient training and instruction to enable them to operate and maintain the facilities once the District accepts same and assumes responsibility for the new facility's operation. Our engineering staff will assist with coordination of operator training and instruction. District operations staff will receive "hands-on" training for all facility equipment and systems.

At the District's request, we can provide the additional services of having representatives of our project team assist with startup and testing coordination and ensure compliance with project requirements.

Based on the Contract Documents and equipment shop drawings, our staff would prepare checklist forms for each equipment system to document equipment functions in both manual and automatic modes. In addition, we would prepare forms for equipment testing, including forms to record pumping unit field test results. During startup and testing, we would utilize the forms to record observed equipment operation/performance and confirm that all equipment performs in accordance with Contract requirements. For systems or equipment that fail to meet Contract requirements, we would document same and define the necessary corrective work. Prior to acceptance of construction work, we would verify that all equipment and appurtenances are functioning as specified in the Contract Documents.



SECTION 3 - PROJECT TEAM

Krieger & Stewart has assembled a **project team comprising senior members** that possess **unmatched experience and qualifications, including extensive construction management and inspection experience**, and have regularly provided similar services to our municipal clients.

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

- Charles A. Krieger - Principal in Charge
- Travis R. Romeyn - Project Manager
- Russell E. Romeyn - Electrical Inspector (and Startup and Commissioning Coordinator, if optional startup services are selected)
- Erick S. Luna or Greg S. Alexander - Construction Inspector
- Jennifer M. Weiler - Document Control Administrator

Each member of our team has many years of experience and expertise in his particular area of responsibility. **All five (5) key team members have completed many successful projects for K&S and have a combined tenure at K&S of more than 70 years.**

In addition to the team members listed, additional members of our staff of registered and graduate engineers, surveyors, technicians, drafters, secretaries, and inspectors will provide assistance as necessary to ensure successful completion of the project tasks in accordance with the project schedule.

Our project team members and their respective responsibilities are described below.

PRINCIPAL IN CHARGE

Charles A. Krieger is a registered civil engineer in California, President and CEO of K&S, and has been with the firm for over 35 years. Krieger has served as principal in charge for a wide variety of water-related public works projects, from planning and design through construction. Krieger brings extensive

experience to the project and a hands-on management approach to the firm's projects, striving to provide clients with comprehensive ("cradle-to-grave") engineering services to ensure the safe and proper installation of the facilities specified.

Krieger will be directly responsible for supervising all services provided by K&S and will coordinate project services to ensure that the District's needs are met and that sufficient resources are available to ensure same.

PROJECT MANAGER

Travis R. Romeyn is a registered civil engineer in California, and an Associate Engineer with K&S. T. Romeyn has provided third-party construction management services on behalf of K&S to Western Municipal Water District and the City of San Bernardino Municipal Water Department for water and wastewater facilities.

T. Romeyn will be directly involved in all construction management activities (including attending and conducting progress meetings, regular site visits, review of and response to Contractor's requests for information through coordination with the design engineer, review of and response to change order requests, review of payment requests, all written correspondence with Contractor, review of daily inspection reports and photographs, daily communication with all parties/agencies involved, etc.) to ensure that the project is constructed in compliance with the Contract Documents with minimal delays (if any). T. Romeyn will ensure that overall quality, cost, and schedule objectives are satisfied.

T. Romeyn will be the primary point of contact with the District's project manager (and key staff) and design engineer, the Contractor's project manager, and all other pertinent entities.

Contract Administration and Inspection Services for PFAS Treatment Project at MN Plant #2



ELECTRICAL INSPECTOR / STARTUP AND COMMISSIONING COORDINATOR

Russ E. Romeyn has been with K&S for 14 years, and has extensive experience providing electrical engineering, inspection, and startup, commissioning, and trouble-shooting services to Southern California public agencies.

R. Romeyn will provide all required electrical inspection, and the optional startup and commissioning services if selected.

CONSTRUCTION INSPECTOR

We propose to assign one of two highly qualified staff members to provide construction inspection services for this project.

Erick S. Luna has about 22 years of experience constructing and inspecting public works projects and has been with K&S for over 5 years.

Greg S. Alexander has about 28 years of experience constructing and inspecting public works projects and has been with K&S for over 9 years.

Luna or Alexander will be available to provide construction inspection services throughout the duration of the project.

DOCUMENT CONTROL ADMINISTRATOR

Jennifer M. Weiler has been with K&S for about 15 years, providing records administration (including web-based document management services) for K&S construction engineering projects for various municipal clients.

Weiler will be responsible for document control and construction administrative services, including processing of Contractor's RFIs and RFCs, material and equipment submittals, partial payment requests, and proposed and executed change orders; preparation and maintenance of comprehensive project records and logs; coordinating with and supporting the project team as needed; and preparation and distribution of general correspondence and various reports and

documents, including progress reports, agendas, and meeting minutes.



SECTION 4 - FEE AND SCHEDULE

Fee Estimate

Our estimated fee for providing contract administration and inspection services for the PFAS Treatment Project at MN Plant #2 is \$140,400, with optional startup services offered for an additional \$8,200. A detailed breakdown of man hours and fees is shown on **Table 4-1** in this section. A copy of our 2021 Fee Schedule is also attached.

Our estimated fee for contract administration and inspection services is based on the following understandings and assumptions:

1. Construction period for the Contract will be 7 months (31 weeks).
2. District will retain the services of a geotechnical firm for soils and concrete testing. We will assist the District in the coordination efforts required.
3. Processing 40 equipment and material submittals and re-submittals requiring 1/2 hour average coordination time per submittal. Clerical hours are based on 1/2 hour per submittal for submittal processing.
4. For the contract administration/management component of our services, 2 hours per week for Project Manager for the first 2 weeks of the construction Contract followed by 4 hours per week for Project Manager for the next 3 weeks of the construction Contract (assuming the first 5 weeks are consumed by Contract execution, submittals, and Contractor mobilization). During this time, 6 hours per week for the Document Control Administrator. For the remaining 6 months of construction/start-up/project close-out, 6 hours per week for Project Manager and 8 hours per week for Document Control Administrator. For the duration of the construction Contract, 1 hour per week for Principal in Charge.
5. The monthly progress meetings assumed to be an average duration of 1-1/2 hours over a 7 month period. Project Manager and Document Control Administrator will spend a combined average of

3 hours per meeting preparing meeting agendas, attending meetings, and preparing meeting minutes.

6. Total required onsite inspection will be 464 hours (over the 7 month period) with an average of 16 hours per week over 27 weeks for our Construction Inspector and an average of 4 hours per week over 8 weeks for our Electrical Inspector.
7. Onsite inspection rates are based on working a maximum of eight hours per day and up to 40 hours per week. Our fee estimate does not include overtime work.
8. Optional project startup services would involve 10 hours per week for Startup and Commissioning Coordinator for the month of project startup.
9. Reimbursables include plots, copies, postage, delivery, telephone, and mileage and are estimated at 3% of the total estimated fee.

Due to our close proximity to the District and project site, it is anticipated that our inspection time, whenever possible, will be coordinated with the Contractor to perform our inspection on a part-time basis with one to two visits to the site per day.

Our estimated fee for contract administration and inspection services is based on our experience with similar projects; however, our actual fee will depend on the efficiency, competence, and diligence of the Contractor(s). If at any time during construction, we determine that our man hours are deviating from the assumptions made during preparation of our fee estimate, we will immediately issue an advisory to the District's project manager, so that appropriate action can be taken.

Schedule

Our Scope of Services is aligned with the 215 calendar day construction contract period. Most of Krieger & Stewart's tasks will be performed concurrently.

Contract Administration and Inspection Services for PFAS Treatment Project at MN Plant #2



We have prepared **Table 4-2** (attached at the end of this section) to demonstrate the allocation of our services in relation to the construction activities for the PFAS Treatment Project at MN Plant #2. The estimated average resource allocation for our key project team members is built into the schedule. We have confirmed that all staff members will be able to perform the required work during the times proposed.

TABLE 4-1
RUBIDOUX COMMUNITY SERVICES DISTRICT
PFAS TREATMENT PROJECT AT MN PLANT #2

ESTIMATED FEES FOR CONTRACT ADMINISTRATION AND INSPECTION SERVICES

TASK / COMPONENT	PRINCIPAL IN CHARGE ⁽¹⁾		CONSTRUCTION MANAGER ⁽²⁾		ELECTRICAL INSPECTOR ⁽³⁾		CONSTRUCTION INSPECTOR ⁽⁴⁾		DOCUMENT CONTROL AND SUPPORT STAFF ⁽⁵⁾		STARTUP AND COMMISSIONING COORDINATOR ⁽⁶⁾		TOTAL
	HOURS	\$	HOURS	\$	HOURS	\$	HOURS	\$	HOURS	\$	HOURS	\$	
1. CONSTRUCTION MANAGEMENT	19	4,712	104	20,072					78	8,268			33,052
2. CONSTRUCTION CONTRACT ADMINISTRATION	12	2,976	68	13,124					134	14,204			30,304
3. INSPECTIONS					32	5,632	416	57,824	26	2,756			66,212
4. PROJECT CLOSEOUT	2	496	12	2,316			16	2,224	16	1,696			6,732
SUBTOTAL:	33	8,184	184	35,512	32	5,632	432	60,048	254	26,924	0	0	136,300
											REIMBURSABLES (3%):		4,089
											CONTRACT ADMINISTRATION AND INSPECTION SERVICES TOTAL:		140,389
											CONTRACT ADMINISTRATION AND INSPECTION SERVICES TOTAL (ROUNDED):		\$140,400
OPTIONAL TASKS													
5. PROJECT STARTUP											40	8,240	8,240
											OPTIONAL SERVICES TOTAL:		8,240
											OPTIONAL SERVICES TOTAL (ROUNDED):		\$8,200
HOURLY RATES PER K&S 2021 FEE SCHEDULE:													
(1) PRINCIPAL ENGINEER I	@	\$248 /Hr											
(2) ASSOCIATE ENGINEER II	@	\$193 /Hr											
(3) ELECTRICAL INSPECTOR	@	\$176 /Hr											
(4) CONSTRUCTION INSPECTOR	@	\$139 /Hr											
(5) SECRETARY III	@	\$106 /Hr											
(6) SENIOR ENGINEER I	@	\$206 /Hr											

TABLE 4-2
RUBIDOUX COMMUNITY SERVICES DISTRICT
CONTRACT ADMINISTRATION AND INSPECTION SERVICES FOR
PFAS TREATMENT PROJECT AT MN PLANT #2

ESTIMATED CONSTRUCTION, INSPECTION, AND COMMISSIONING SCHEDULE

COMPONENT	2021																																						
	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP														
COMPONENT	4	11	18	25	1	8	15	22	1	8	15	22	29	5	12	19	26	3	10	17	24	31	7	14	21	28	5	12	19	26	2	9	16	23	30	6	13	20	27
AWARD, CONTRACTS, AND CONSTRUCTION																																							
AWARD OF CONTRACT				█																																			
NOTICE TO PROCEED					█																																		
PRE-CONSTRUCTION MEETING						█																																	
PROCUREMENT, APPROVAL, AND DELIVERY OF IX EQUIPMENT																																							
PRECONSTRUCTION POTHOLING/CIVIL DEMOLITION																																							
INSTALLATION OF YARD PIPING AND STRUCTURAL COMPONENTS																																							
INSTALLATION OF IX EQUIPMENT AND OTHER MECHANICAL SYSTEMS																																							
STARTUP AND COMMISSIONING																																							
CLEANUP AND PUNCH LIST ITEMS																																							
NOTICE OF COMPLETION																																							
KRIEGER & STEWART SERVICES																																							
1. CONSTRUCTION MANAGEMENT																																							
2. CONSTRUCTION CONTRACT ADMINISTRATION																																							
3. INSPECTIONS																																							
4. PROJECT CLOSEOUT																																							
5. PROJECT STARTUP (OPTIONAL SERVICE)																																							
KRIEGER & STEWART ESTIMATED STAFF ALLOCATION																																							
PRINCIPAL IN CHARGE ⁽¹⁾																			AVERAGE 1 HOUR/WEEK FOR 33 WEEKS																				
CONSTRUCTION MANAGER ⁽²⁾															2 HRS/WK	4 HRS/WK						AVERAGE 6 HOURS/WEEK FOR 28 WEEKS																	
DOCUMENT CONTROL ADMINISTRATOR ⁽³⁾															6 HRS/WK							AVERAGE 8 HOURS/WEEK FOR 28 WEEKS																	
CONSTRUCTION INSPECTOR ⁽⁴⁾																																							
ELECTRICAL INSPECTOR ⁽⁵⁾																												AVG. 4 HOURS/WEEK FOR 8 WEEKS											
STARTUP & COMMISSIONING COORDINATOR ⁽⁵⁾ (OPTIONAL SERVICE)																												10 HRS/WEEK											

⁽¹⁾ CHARLES A. KRIEGER

⁽²⁾ TRAVIS R. ROMEYN

⁽³⁾ JENNIFER M. WEILER

⁽⁴⁾ ERICK S. LUNA OR GREG S. ALEXANDER

⁽⁵⁾ RUSSELL E. ROMEYN



FEE SCHEDULE 2021

CLASSIFICATION

Consulting, Design, Construction, Engineering, Environmental, Commissioning, and Surveying Services (Office)

	RATES \$/Hr.
Principal III	290.00
Principal II	275.00
Principal I	248.00
Senior III	234.00
Senior II	220.00
Senior I	206.00
Associate III	199.00
Associate II	193.00
Associate I	186.00
Staff III	180.00
Staff II	158.00
Staff I	138.00
Technician III	117.00
Technician II	112.00
Technician I	107.00

Forensic Services

Principal Expert:	
400.00	400.00
300.00	300.00
Associate Expert:	
350.00	350.00
250.00	250.00

Computer Aided Design Services

Operator III	158.00
Operator II	150.00
Operator I	141.00

Surveying Services (Field)

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

Construction Services (Field)

Construction Engineer	199.00
Electrical Inspector	176.00
Construction Inspector:	
Regular Time	139.00
Overtime:	
Weekdays (8 hours to 12 hours)	166.00
Weekdays (More than 12 hours)	200.00
Saturday (12 hours or less)	166.00
Saturday (More than 12 hours)	200.00
Sunday and Holiday (Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day and the Day After, Christmas Day)	200.00



**FEE SCHEDULE
2021
(continued)**

CLASSIFICATION	RATES \$/Hr.
Support Services	
Secretary IV	110.00
Secretary III	106.00
Secretary II	95.00
Secretary I	84.00
Utility Clerk II	78.00
Utility Clerk I	77.00
Outside Services	
Special Consultants and Purchased Services	Cost + 15%
Reimbursable Expenses	
Vehicle Mileage	0.72 \$/Mile
Travel and Subsistence, including Air Fare, Ground Fare, and Vehicle Parking	Cost
Specialized Rental Equipment	Cost
Copies, Delivery, Postage, Prints, Telephone, and Sundry Charges	Cost

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

TERMS OF PAYMENT:

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

2021-FEES (09/10/2020)

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 2020-11

March 5, 2020

To: Rubidoux Community Services District
Board of Directors

Subject: PFAS Compound Treatment Actions

BACKGROUND:

On Thursday, Feb. 6, the California Division of Drinking Water (DDW) issued new response levels (RLs) for perfluorooctanoic acid (PFOA) at ten parts per trillion and perfluorooctane 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 1940s 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 13 ppt, 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 used at Well 2 to remove 1,2,3 TCP. Based on preliminary estimates, the District will likely need to purchase approximately 6 to 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 to 16 weeks. New vessels cost approximately twice as much and have a 25 to 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 Permit 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 Western 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 to 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.

RECOMMENDATION

Staff recommends 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.

Respectfully,

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

Attachments:

1. Carbon Activated Corp. USA Quotation No. 4133
2. Hazen and Sawyer Proposal dated February 21, 2020

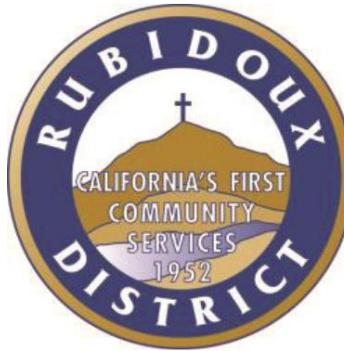
Rubidoux Community Services District

Board of Directors

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

General Manager

Jeffrey D. Sims



Water Resource Management

Refuse Collection

Street Lights

Fire / Emergency Services

Weed Abatement

DIRECTORS MEMORANDUM 2020-47

June 18, 2020

To: Rubidoux Community Services District
Board of Directors

Subject: Consider Approval of Expenses Related to Addition of Ion Exchange Treatment for PFAS Contaminants

BACKGROUND:

The State Water Resources Control Board Division of Drinking Water (“DDW”) has issued Rubidoux Community Services District (“District”) a Notice of Intent To Issue A New General Order For Monitoring Of Perfluroalkyl Substances (Health and Safety Code Section 116378) Starting July 2020, (“NOI”), attached. This NOI describes DDW’s intent to issue the order and establish sampling and testing for PFOA and PFOS beginning the 3rd Quarter of 2020. DDW expects the new order will increase public reporting requirements, guidance on detections, and determination of Response Level exceedances using a running quarterly average. 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

Sampling results reflect all District wells will have difficulty meeting a running quarterly average for the lowered PFOA Response Level of 10 ng/L. Most District wells currently are at, or just above the PFOA Response Level without treatment.

As the Board may recall, Hazen & Sawyer (“Hazen”) was hired to assist the District with a strategy to address treatment of PFAS Compounds. Hazen has completed a Basis of Design Memorandum addressing treatment

requirements for Wells 1A, 8, and 18. 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 in the 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 next steps include: 1) hiring Hazen to prepare the final design, specifications, and bidding documents for the treatment system, and 2) purchase of the main components of the treatment system.

Hazen

Hazen proposes an addendum of \$244,288 to its current contract of \$155,444, bringing their total contract value with the District to \$399,732. The addendum, attached as Exhibit 1 has a Scope of Work that includes:

Task 6 – Final Design: This includes approximately 31 sheets of design drawings and preparation of technical specifications to be included with the District's standard front-end specifications and contracts.

Task 7 – Environmental Documents (CEQA, NEPA): Both CEQA and NEPA categorical exemption filings are anticipated due to the work being done at an existing, and operating District Treatment Facility. NEPA is necessary as part of the application for federal grant funding under the Bureau of Reclamation WaterSMART Program.

Task 8 – As-Needed Construction and Startup Support: This task provides time for Hazen to respond to questions and clarifications during the construction process and startup of the system.

Evoqua Water Technologies

Through the Basis of Design process, staff and Hazen have been coordinating with Evoqua on evaluating use of pressure vessels filled with granulated activated carbon or resin. Staff has also contacted Activated Carbon regarding same. Evoqua has a relatively new, but used system, that has been refurbished and will work for the District's application of ion exchange treatment for Wells 1A, 8, and 18. Evoqua has provided pricing for the system at a discount as compared to purchase a new system. Besides a lower price, the system is available and avoids a 26 to 35-week manufacturing and delivery period. Evoqua's quote for the treatment system is attached as Exhibit 2. The cost for the six pressure vessels in a three-train, lead-lag configuration is \$800,744.13 including tax. Additional costs include \$20,530 for delivery, \$5,355 for up to 3 days of installation supervision, and \$785,687.14 for the initial resin fill of the six vessels (includes tax). Total initial cost to Evoqua is anticipated to be \$1,612,316.27; a total of \$268,719.38/vessel. The District would issue two Purchase Orders for this: 1) one issued on or before June 30, 2020 for \$800,744.13 and 2) a second issued on or before September 30, 2020 for the balance of \$811,572.14. Other terms include:

- a. Warranty comparable to that of new equipment (Section 7 of Standard Terms of Sale)
- b. Commitment to a three (3) year service contract for resin exchange service linked to a set CPI inflator
- c. Ten (10) months of storage at no cost

Between Hazen and Evoqua, the District will invest just over \$2 million towards PFAS contaminant removal. In addition, there will be construction costs, which along with treatment expenses for Wells 4 and 6 may bring a total commitment of \$5 million. With the addition of PFAS removal treatment, the District will also have higher annual operational expenses for resin and GAC exchanges, energy and chemicals, and labor. To mitigate these higher expenses, staff is applying for a \$750,000 grant, sale of water to Jurupa Community Services District and water rate increases. Another strategy is to look at long-term borrowing at low interest rates. Long-term borrowing may smooth out rate impacts and address other costly issues such as building upgrade, and resolution of expenses related to upgrades at the City of Riverside WWTP.

To enable the District to meet the lowered PFAS levels in a timely manner, these expenses are necessary. To proceed a budget amendment of the approved District FY 2020/2021 Budget is necessary by moving \$1.7 million from District Reserves to the Water Capital Improvement Project (CIP) Budget.

RECOMMENDATION:

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

1. Amend the approved District FY 2020/2021 Budget by moving \$1.7 million from District Reserves to the Water Capital Improvement Project (CIP) Budget.
2. Finalize negotiations with Evoqua Water Technologies for purchase of a refurbished PFAS Treatment System consistent with Terms and Conditions as detailed in Quotation #2004-23-/rev 2, dated June 10, 2020 with a not to exceed amount of \$1,615,000.
3. Execute an amendment with Hazen in the amount of \$244,238 bringing their total contract value with the District for PFAS Treatment Design to \$399,732.

Respectfully,

JEFFREY D. SIMS, P. E.
General Manager

Attach:

Exhibit 1 – Hazen Scope of Work and Proposal dated June 12, 2020
Exhibit 2 – Evoqua Water Technologies Quotation #2004-230/rev 2 dated June 10, 2020
DDW Notice of Intent dated May 5, 2020

RUBIDOUX COMMUNITY SERVICES DISTRICT
JURUPA VALLEY, CALIFORNIA

BIDDING DOCUMENTS

FOR THE PFAS TREATMENT PROJECT AT MN PLANT #2

A. INSTRUCTIONS TO BIDDERS

1. Responsible Bidders

Bidders are advised that in selecting a Contractor, Owner reserves the right to consider the financial responsibility and general competency of each Bidder, his trustworthiness, quality, fitness, capacity, and experience to satisfactorily perform the public works contract, as well as his reputation within the industry. Owner expects each Bidder to fully and truthfully disclose all information required of the Bidder by the Bidding Documents. Each Bidder must be properly licensed and must sign and submit with his Proposal the Bidder's Statement of Experience, Bidding Sheets, and Certified Data Sheet. Please note that similar information is required in said Bidder's Statement of Experience with respect to any proposed subcontractors (Not required for materials only proposal).

2. Completion of Bid Proposal and Supporting Documents

Each Bidder shall complete the attached Bid Proposal and supporting documents including any addenda or bulletins issued before receipt of bids and public opening of same together with Statement of Experience (not required for materials only proposal), Bid Schedule, Contract Completion Schedule, Certified Data, Certified Worker Craft and Classification, Certification of Bidder's Work Site Inspection, Statement on Bonds and Insurance, Certification of Bidding Documents, Non-Collusion Affidavit, and Bid Proposal Guarantee.

Bidder shall complete in ink each blank on each page. Each entry shall be printed by hand. The completed forms shall be without interlineations, alterations, or erasures. Bidder shall correct errors by striking or lining out mistakes and entering and initialing corrections immediately thereabove. Unless otherwise provided in the Supplemental Instructions to Bidders, Owner will not consider any proposal which does not include bids on all bid items set forth in the Bid schedules. Owner will not consider alternative proposals unless they are called for in these instructions or the supplemental instructions appearing in the Bidding Documents themselves.

Owner may, at its sole discretion, reject any bid to which the Bidder has added conditions, limitations, provisions, or any interlineations or alterations. Owner may also, at its discretion, reject any bid for which the Bidder has failed to supply all requested information or has misrepresented any such information or any matter whatever. Pursuant to Business and Professions Code Section 7028.15, any bid submitted by a Contractor not licensed in accordance with this chapter and pursuant to the requirements found in these bid documents shall be considered by the Owner to be non-responsive and shall be rejected by the Owner.

Owner will not consider alternative proposals unless they are called for by these instructions or the supplemental instructions appearing in the Bidding Documents themselves. Owner will not accept proposals on forms other than those bound herein. Owner will not consider any proposal which does not include bids on all scheduled items set forth in the Bidding Sheet for the minimum bid specified.

3. Omissions and Discrepancies

Should a Bidder find purported discrepancies in, or omissions from the Special Requirements, Basic Specifications, Construction and Standard Drawings, or other documents bound herein, or should he be in doubt as to their meaning, he shall **immediately** notify the Owner in writing and the Owner may then send written instructions or notification to all Bidders.

4. Signature and Seal

If the bid proposal is made by an individual, it shall be signed and his full name and his address shall be given; if it is made by a partnership, it shall be signed with the partnership name by one of the partners, who shall sign his own name and, in addition, the name and address of each partner shall be given; if it is made by a corporation, the name of the corporation shall be signed by its duly authorized officer, or officers, attested by the corporation seal, and the names and titles of all current officers of the corporation shall be given.

5. Packaging and Delivery of Bid Proposal

Once the Bid Proposal and supporting documents herein have been completed and signed as set forth above, they shall be placed, along with the Bid Proposal Guarantee and any proposed sketches and brochures required by these instructions, in an envelope, sealed and addressed and delivered or mailed, postage prepaid to:

RUBIDOUX COMMUNITY SERVICES DISTRICT

<u>Street Address</u>	<u>Mailing Address</u>
Rubidoux Community Services District 3590 Rubidoux Boulevard Jurupa Valley, California 92509	Rubidoux Community Services District PO Box 3098 Riverside, CA 92519-3098

Said envelope shall also contain the following in the lower left-hand corner thereof:

Bid Proposal of _____ (Bidder's Name) _____

for _____ (Project Name Appearing on Cover Sheet)

No consideration shall be given by the Owner to bid proposals received after the date and time set by the Notice Inviting Bids herein for the opening of bids.

6. Withdrawal of Bid Proposal

The Bidder may, without prejudice, withdraw his bid proposal at any time prior to the date and time set by the Notice Inviting Bids herein for the opening of bids; provided that any request to withdraw is made in writing and duly executed by the Bidder or the Bidder's duly authorized representative and delivered to the Owner's Secretary at the address set forth in Instruction 6 herein. A bid proposal shall be deemed withdrawn once it has been delivered by the Owner to the Bidder requesting withdrawal, either by personal delivery or deposit in the United States mail, addresses to the address originally given by the Bidder. After withdrawal, the Owner will not recognize modifications of bid proposals attempted by methods other than as set forth in Instruction 8 herein.

7. Modification of Bid Proposal

Any Bidder who may wish to modify the bid proposal previously submitted by him may do so only by (a) following the withdrawal procedure set forth in Instruction 7 hereof prior to the date and time set by the Notice Inviting Bids herein for the opening of bids, and (b) submitting a

substituted bid proposal which conforms to the requirements set forth in Instruction 1, 2, 4, 5, and 6 hereof. A bid proposal shall be deemed withdrawn once it has been delivered by the Owner to the one requesting withdrawal, either by personal delivery or deposit in the United States mail, addressed to the address originally given by the Bidder. After withdrawal, the Owner will not recognize modifications of bid proposals attempted by methods other than as set forth in this Instruction 8.

8. Opening and Awarding of Bids

All bid proposals shall be publicly opened and read at the time and place set forth in the Notice Inviting Bids herein. Bidders and their authorized representatives are invited to be present. The award, if made, will be made within 30 days of the opening. The Owner's policy is to award to the lowest responsible Bidder who can comply with the projected delivery and/or completion schedules. However, the Owner reserves the right to reject any and all bids, to waive any irregularity, or to award the subject contract to other than the lowest Bidder. Owner may, at its sole discretion, disregard any added conditions, limitations, provisions, or any interlineations or alterations. Notice of Award shall be made to a successful Bidder in writing and mailed to the address as set forth on the signature page of the Bidding Documents.

9. Bond(s) and Certificates of Insurance Required of Successful Bidder

The successful Bidder shall also furnish Certificates of Insurance as evidence of coverage in accordance with the Contract Appendix.

All bonds shall be subject to the approval of the Owner, and shall be submitted on the forms as provided in the Contract section of the Contract Documents. All Certificates of Insurance shall be subject to the approval of the Owner and shall be submitted on the forms provided in the Contract section of the Contract Documents.

Pursuant to Labor Code sections 1725.5 and 1771.1, all contractors and subcontractors that wish to bid on, be listed in a bid proposal, or enter into a contract to perform public work must be registered with the Department of Industrial Relations. No bid will be accepted nor any contract entered into without proof of the contractor's and subcontractors' current registration with the Department of Industrial Relations to perform public work. If awarded a Contract, the Bidder and its subcontractors, of any tier, shall maintain active registration with the Department of Industrial Relations for the duration of the Project. To this end, Bidder shall sign and submit with its Bid the Public Works Contractor Registration Certification on the form provided, attesting to the facts contained therein. Failure to submit this form may render the Bid non-responsive. In addition, each Bidder shall provide the registration number for each listed subcontractor in the space provided in the List of Subcontractors Form.

10. Execution of the Contract

The Bidder to whom award is made shall execute a written contract with the Owner on the form of contract provided herein (which shall incorporate by reference the Proposal, addenda or bulletins issued before receipt of bids and public opening of same, Bidder's Statement of Experience (not required for materials only proposal), Bidding Sheet, Certified Data Sheet, Special Requirements, Basic Specifications, and Construction and Standard Drawings), together with the Labor Code Certification (not required for materials only proposal) therein, and furnish good and approved bond(s) and Certificates of Insurance as required in the preceding paragraph within 10 days from the date of mailing the Notice from the Owner to the Bidder, as set forth above, of the acceptance of his proposal.

No proposal shall be considered binding upon the Owner until the Contract has been executed. Failure or refusal by the successful Bidder to so enter into a contract, as herein provided, or to conform to any of the stipulated requirements in connection therewith, shall be just cause for the

annulment of the award and the retention by the Owner of the proposal guarantee. If the successful Bidder refuses or fails to execute the contract, the Owner may award the contract to the Bidder whose proposal is next most acceptable to said Owner; and such Bidder shall fulfill every stipulation embraced herein as if he were the party to whom the first award was made.

A corporation to which an award is made will be required, before the contract is finally executed, to furnish evidence of its corporate existence and of the authority of the officer signing the contract and bond for the corporation to so sign.

11. Withheld Contract Funds

Bidder is advised that Contractor, at his request and expense and in accordance with Section 22300 of the California Public Contract Code, will be permitted to substitute securities equivalent to monies withheld by Owner to insure performance under the Contract. Alternatively, the Contractor may request to have earned retentions paid directly to the escrow agent in accordance with Public Contract Code Section 22300. Refer to Section 30 of the Contract Appendix and the Escrow Agreement for Security Deposits in Lieu of Payment Retention included within these Contract Documents.

B. BIDDER'S PROPOSAL WITH SUPPORTING DOCUMENTS

TO THE PRESIDENT OF THE BOARD OF DIRECTORS, RUBIDOUX COMMUNITY SERVICES DISTRICT, CALIFORNIA, (Owner):

1. Proposal

The undersigned proposes to furnish and install the components or items set forth in the Bidding Documents for PFAS TREATMENT PROJECT AT MN PLANT #2.

In submitting this Proposal, the undersigned declares that he has read the Notice Inviting Bids, the Instructions to Bidders, the unexecuted Contract, and all other documents incorporated by reference, including the Special Requirements, the Basic Specifications, and the Construction and Standard Drawings and that he has inspected the Work site.

In exchange for consideration of this Proposal by the Owner, the Bidder agrees that if his bid is accepted by the Owner, the Bidder will execute said Contract, furnish and provide the items set forth in this Proposal and required by the Contract, Special Requirements, Basic Specifications, and Construction and Standard Drawings (all within the time provided), and will accept as full payment the prices set forth in the Bidding Sheet.

The Bidder further agrees that he shall execute such contract within five calendar days from the date of mailing to him of written notice of the Owner's acceptance of this proposal along with required certificates of insurance.

In submitting a bid to a public body, the Bidder offers and agrees that if the bid is accepted, it will assign to the Owner all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Section 15) or under the Cartwright Act (Chapter 2 of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, materials, or services by the Bidder pursuant to the bid. Such assignment shall be made and become effective at the time the Owner tenders final payment to the Contractor, without further acknowledgment by the parties.

2. Statement of Experience*

a. Bidder

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

Name: Pacific Hydrotech Corp

Address: 314 E 3rd Street, Perris, CA 92570

Type of Work: Civil and Mechanical

Years of Experience: 33

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

b. Subbidders

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

1) Name: Pix-Fab Builders J.G
~~1364 East Valencia Drive, Fullerton CA 92831~~

Address: 1364 East Valencia Drive, Fullerton CA 92831

Contractor License No.: 780333 Class: C51

Type of Work: Canopy Years of Experience: 20

2) Name: Amber Steel Company

Address: 312 South Willow Ave Rialto, CA 92376

Contractor License No.: 268566 Class: C50

Type of Work: Rebar Years of Experience: 50

3) Name: Simpsons Sandblasting and Special Coatings

Address: 14065 Rancho Vista Drive Fontana, CA 92335

Contractor License No.: 878060 Class: C33

Type of Work: Coatings Years of Experience: 14

4) Name: _____

Address: _____

2. **Statement of Experience***

a. **Bidder**

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

Name: Pacific Hydrotech Corp

Address: 314 E 3rd Street, Perris, CA 92570

Type of Work: Civil and Mechanical

Years of Experience: 33

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

b. **Subbidders**

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

1) Name: Southern Contracting Company

Address: 559 Twin Oaks Valley Rd. San Marcos, CA 92079

Contractor License No.: 222252 Class: C10

Type of Work: Electrical and Instrumentation Years of Experience: 57

2) Name: Shook Building Systems Inc.

Address: 5245 34th St. Jurupa Valley CA, 92509

Contractor License No.: 283001 Class: C1

Type of Work: Pre-Fabricated Metal Canopy Years of Experience: 47

3) Name: _____

Address: _____

Contractor License No.: _____ Class: _____

Type of Work: _____ Years of Experience: _____

4) Name: _____

Address: _____

2. Statement of Experience* (Continued)

Contractor License No.: _____ Class: _____

Type of Work: _____ Years of Experience: _____

c. **Bidder Projects** (use reverse side if necessary)

Each Bidder (Contractor) shall furnish work record for Bidder (Contractor), listing at least three water or wastewater treatment projects that the Bidder has completed within the past seven (7) years with a minimum treatment capacity of 1,000 gpm. Responses shall be full and explicit.

1) Contractor: Pacific Hydrotech Corp

Contract Amount: \$13,227,284 Date Completed: October 2020

Type of Work: Rosamond WWTP Expansion

Owner (Name, Address, & Phone): Rosamond Community Services District

3179 35th St. Rosamond, CA 93560 (661) 256 - 3411

Engineer (Name, Address, & Phone): Kennedy Jenks - Rachel Rodriguez

2775 Ventura Blvd, Oxnard, CA 93036 (858) 676-7532

Person in Charge of Project (Name & Phone): Brach Smith (661) 256-3411

2) Contractor: Pacific Hydrotech Corp

Contract Amount: \$10,114,300 Date Completed: November 2020

Type of Work: Graves Reservoir Replacement and GAC/IOX Systems

Owner (Name, Address, & Phone): City of South Pasadena

1414 Mission Street, South Pasadena, CA (626) 403-7240

Engineer (Name, Address, & Phone): NV5 - Luanne Bean

163 Technology Dr. Irvine, CA 92618

Person in Charge of Project (Name & Phone): Kahono Oei (626) 403-7240

3) Contractor: Pacific Hydrotech Corporation

Contract Amount: \$888,602 Date Completed: November 2019

Type of Work: Southern Well No. 6 Design/Build GAC Treatment Systems

Owner (Name, Address, & Phone): Golden State Water Company

16243 S Broadway, Gardena, CA 90248 (310) 436-6950

2. Statement of Experience* (Continued)

Engineer (Name, Address, & Phone): Water Works Engineers

Person in Charge of Project (Name & Phone): Justin Doronio (310) 436-6950

4) Contractor: Pacific Hydrotech Corporation

Contract Amount: \$15,367,420 Date Completed: April 2014

Type of Work: Menifee / Perris Desalters, (11) IOX Systems

Owner (Name, Address, & Phone): Eastern Municipal Water District

2270 Trumble Rd. Perris, CA (951) 928-3777

Engineer (Name, Address, & Phone): Krieger and Stewart

3602 University Ave. Redlands, CA (951) 684-6900

Person in Charge of Project (Name & Phone): Bruce Mitzel (951) 928-3777

5) Contractor: Pacific Hydrotech Corporation

Contract Amount: \$12,238,163 Date Completed: June 2017

Type of Work: Holtville Wastewater Treatment Plant Upgrades

Owner (Name, Address, & Phone): City of Holtville

121 W 5th Street, Holtville, CA (760) 356-4574

Engineer (Name, Address, & Phone): Lee & Ro

1199 Fullerton Road, City of Industry, CA (626) 912-3391

Person in Charge of Project (Name & Phone): Nicholas Wells (760) 356-4574

6) Contractor: Pacific Hydrotech Corporation

Contract Amount: \$8,771,752 Date Completed: September 2017

Type of Work: Heber Water Treatment Plant Major Upgrades

Owner (Name, Address, & Phone): City of Heber

1078 Dogwood Road, Heber, CA (760) 482-2440

Engineer (Name, Address, & Phone): The Holt Group

1601 N Imperial Ave, El Centro, CA (760) 337-3883

Person in Charge of Project (Name & Phone): Laura Fisher (760) 482-2440

2. Statement of Experience* (Continued)

d. Subbidder Projects (use reverse side if necessary)

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

- 1) Subcontractor: H.Wayne Lewis Inc. dba Amber Steel Company
Contract Amount: 33,750.00 Date Completed: 12-04-2021
Type of Work: Fabricate and Install Reinforcing Steel (Foundation
Owner (Name, Address, & Phone): Burrtec Agua Mansa MRF, LLC
9890 Cherry Ave. Fontana CA 92335 909-987-3717
Engineer (Name, Address, & Phone): AIR Engineering +
Testing, 18361 Symtron Road Apple Valley CA 92307
Person in Charge of Project (Name & Phone): Kriss Lewis

2) Subcontractor: H.Wayne Lewis Inc. dba Amber Steel Company
Contract Amount: 15,217.00 Date Completed: 11-06-2020
Type of Work: Fabricate and Install Reinforcing Steel (Tank Foundation)
Owner (Name, Address, & Phone): California Water Service
1720 N 1st Street San Jose CA 95112
Engineer (Name, Address, & Phone): California Water Service
1720 N 1st Street San Jose, CA 95112
Person in Charge of Project (Name & Phone): Kriss Lewis

3) Subcontractor: _____
Contract Amount: _____ Date Completed: _____
Type of Work: _____
Owner (Name, Address, & Phone): _____

Engineer (Name, Address, & Phone): _____

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

d. **Subbidder Projects** (use reverse side if necessary)

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

1) Subcontractor: Southern Contracting Company

Contract Amount: \$9,772,129.00 Date Completed: 10/25/2019

Type of Work: Temecula Valley Reclamation Water Facility 23MGD Expansion

Owner (Name, Address, & Phone): Eastern Municipal Water District

2270 Trumbler Rd, Perris, CA 92570 (951) 928-3777, Ext 4833 Scott Lopian

Engineer (Name, Address, & Phone): CH2M Hill

6 Hutton Center Drive, Suite 700, Santa Ana, CA 92707 (714) 429-2000

Person in Charge of Project (Name & Phone): Kelly Daken-Archer Western (858) 715-7200

2) Subcontractor: Southern Contracting Company

Contract Amount: \$6,650,672.00 Date Completed: 09/24/2018

Type of Work: Victor Valley Wastewater Reclamation Plant

Owner (Name, Address, & Phone): Victor Valley Wastewater Reclamation Authority

20111 Shay Road, Victorville, CA 92394 (760) 246-8638

Engineer (Name, Address, & Phone): HDR Engineering, Inc

3230 El Camino Real, Suite 200, Irvine, CA 92602-1377 (714) 730-2300

Person in Charge of Project (Name & Phone): Grant Gourley (951) 973-7393

3) Subcontractor: Southern Contracting Company

Contract Amount: \$17,549,334.00 Date Completed: 6/25/2017

Type of Work: F.E. Weymouth Water Treatment Plant ORP-Ozonation Facilities

Owner (Name, Address, & Phone): Metropolitan Water District of Southern California

700 North Alameda Street, Los Angeles, CA 90012 (951) 926-7031

Engineer (Name, Address, & Phone): Metropolitan Water District of Southern California

700 North Alameda Street, Los Angeles, CA 90012 (213) 217-6000

Person in Charge of Project (Name & Phone): Blayne Goodman-Archer Western (623) 606-4963

2. Statement of Experience* (Continued)

d. Subbidder Projects (use reverse side if necessary)

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

1) Subcontractor: Simpson Sandblasting & Special Coatings, Inc.

Contract Amount: \$18,500.00 Date Completed: 122/2020

Type of Work: Well 59 Well Head Pipe and Structural Steel Painting

Owner (Name, Address, & Phone): Eastern Municipal Water District

2270 Trumble Rd. Perris, CA. 92570

Engineer (Name, Address, & Phone): Kennedy Jenks Consultants

Person in Charge of Project (Name & Phone): Dustin Wetter (951) 928-3777

2) Subcontractor: Simpson Sandblasting & Special Coatings, Inc.

Contract Amount: \$642,905.00 Date Completed: 10/1/17

Type of Work: Water Storage Tank & water treatment plant pipe painting

Owner (Name, Address, & Phone): Heber Public Utility District

1078 Dogwood Rd. Suite 103, Heber, CA. 92249

Engineer (Name, Address, & Phone): The Holt Group

Person in Charge of Project (Name & Phone): Sameer Patel P.E 760-337-3883

3) Subcontractor: Simpson Sandblasting & Special Coatings, Inc.

Contract Amount: \$100,886.00 Date Completed: 11/15/19

Type of Work: Irvine Lake Pipeline, Santiago Hills Zone C+Reservoir Pipe Painting

Owner (Name, Address, & Phone): Irvine Ranch Water District

15600 Sand Canyon Avenue, Irvine, CA 92618 949-453-5300

Engineer (Name, Address, & Phone): Irvine Ranch Water District

Jacob Moeder 949-453-5300

Person in Charge of Project (Name & Phone): Jacob Moeder 949-453-5300

2. Statement of Experience* (Continued)

d. Subbidder Projects (use reverse side if necessary)

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

1) Subcontractor: SHOOK BUILDING SYSTEMS, INC

Contract Amount: 1,300,000 - Date Completed: 4/2019

Type of Work: FURNISHED AND INSTALLED 5 EA. PRE-ENGINEERED BLDGS.

Owner (Name, Address, & Phone): H. DESERT WATER DISTRICT

59099 SUNNYSLOPE DR YUCCA VALLEY, CA 760-365-

Engineer (Name, Address, & Phone): KENNEDY JEUNKS CONSULTANTS

3210 EL CAMINO REAL STE 150 IRVINE, CA 92602

Person in Charge of Project (Name & Phone): G.C. BRYAN CASE 951-973-7393

SUB: MIKE CASEBEER 951-316-1522

2) Subcontractor: SHOOK BUILDING SYSTEMS, INC. ENG: STEVE DIAMOND 949-567-2148

Contract Amount: \$143,000 - Date Completed: 11/2018

Type of Work: FURNISHED AND INSTALLED 2 EA. PRE-ENGINEERED LANDPHIS

Owner (Name, Address, & Phone): EASTERN MUNICIPAL WATER DIST. (EMWD)

2270 TRULIBLE RD. PERRIS, CA 92570 951-928-3777

Engineer (Name, Address, & Phone): CAROLLO ENGINEERS 3150 BRISTOL

STREET SUITE 500 COSTA MESA, CA 92626 714-593-5100

G.C. BRYAN KAISER 714-516-9496

Person in Charge of Project (Name & Phone): SUB: MIKE CASEBEER 951-316-1522

DNNEL: LAURIE DIMIT 951-928-3777

3) Subcontractor: SHOOK BUILDING SYSTEMS INC.

Contract Amount: 370,000 - Date Completed: 8/2018

Type of Work: FURNISHED & INSTALLED 2 EA. PRE-ENGINEERED METAL BLDGS

Owner (Name, Address, & Phone): SANTA MARGARITA WATER DISTRICT

23140 MARGUERITE PARKWAY SANTA MARGARITA, CA

Engineer (Name, Address, & Phone): HEERUP ENGINEERING & CONST. MGT.

10812 N. 44TH PHOENIX, AZ 85028 602-923-6829

Person in Charge of Project (Name & Phone): MATT CAIN 951-973-7393 (G.C.)

MIKE CASEBEER 951-316-1522 (SUB)

C.V. HEERUP 602-923-6829 (ENG)

2. Statement of Experience* (Continued)

d. Subbidder Projects (Continued)

4) Subcontractor: _____

Contract Amount: _____ Date Completed: _____

Type of Work: _____

Owner (Name, Address, & Phone): _____

Engineer (Name, Address, & Phone): _____

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

5) Subcontractor: _____

Contract Amount: _____ Date Completed: _____

Type of Work: _____

Owner (Name, Address, & Phone): _____

Engineer (Name, Address, & Phone): _____

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

6) Subcontractor: _____

Contract Amount: _____ Date Completed: _____

Type of Work: _____

Owner (Name, Address, & Phone): _____

Engineer (Name, Address, & Phone): _____

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

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

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

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

1) Name: N/A more than 5 years of experience

Address: _____

Type of Work: _____ Years of Experience: _____

Capacity (Title): _____

2) Name: N/A more than 5 years of experience

Address: _____

Type of Work: _____ Years of Experience: _____

Capacity (Title): _____

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

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

1) Name: _____

Address: _____

Type of Work: _____ Years of Experience: _____

Capacity (Title): _____

2) Name: _____

Address: _____

Type of Work: _____ Years of Experience: _____

Capacity (Title): _____

2. Statement of Experience* (Continued)

e. Bidder's Principals and Key Personnel (Continued)

3) Name: _____

Address: _____

Type of Work: _____ Years of Experience: _____

Capacity (Title): _____

4) Name: _____

Address: _____

Type of Work: _____ Years of Experience: _____

Capacity (Title): _____

5) Name: _____

Address: _____

Type of Work: _____ Years of Experience: _____

Capacity (Title): _____

f. Subbidder's Principals and Key Personnel (Continued)

3) Name: _____

Address: _____

Type of Work: _____ Years of Experience: _____

Capacity (Title): _____

4) Name: _____

Address: _____

Type of Work: _____ Years of Experience: _____

Capacity (Title): _____

5) Name: _____

Address: _____

Type of Work: _____ Years of Experience: _____

Capacity (Title): _____

2. Statement of Experience* (Continued)

- g. Has Bidder been involved in litigation with any owner of any project within the last 10 years? If so, please describe the project and the nature and results of any litigation including any lawsuits settled prior to trial.

Yes, please see attached.

- h. Have any subbidders been involved in litigation with any owner of any project within the last 10 years? If so, please describe the project and the nature and results of any litigation including any lawsuits settled prior to trial.

No.

- i. Bidder is advised that it may be required to submit a signed financial statement, financial data, or other information and references sufficiently comprehensive to permit an appraisal of its current financial condition prior to award of contract. Said statement, data, or information may be considered in selecting the successful Bidder.
 - j. Each Bidder (Contractor), at its option, may provide pertinent data or other information which may help Owner properly evaluate bid proposal.

* Not required for materials only proposal

3. Supplemental Instructions to Bidders

- a. Bidder shall submit a proposal for each bid item. If award is made, Owner reserves the right to withhold award on certain bid or subbid items.
- b. All Work under these Contract Documents shall be completed in accordance with the Contract Completion Date.
- c. Bidder shall be licensed in accordance with the California Contractor Law of the Business and Professions Code and shall have a minimum of 5 years' experience in the type of Work specified. Subbidders, if any, shall also be licensed in accordance with the same law and shall also have a minimum of 5 years' experience in the type of Work specified.
- d. Bidder shall visit and inspect each work site and complete Certification of Bidder's Work Site Inspection to verify same.

4. Bid Schedule

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

**BID SCHEDULE I
FOR THE PFAS TREATMENT PROJECT AT MN PLANT #2**

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
101	General Conditions. Contract bonds, insurance, permits, project management, mobilization of equipment, materials, and labor prior to starting the Work, and demobilizing after completing all Contract Work. (Payment: 60% Mob & 40% Demob). Max 6% of Contract.	1	L.S.	N/A	\$ <u>110,000</u>
102	Site Shoring. Furnish trench protection (shoring or sloping) in accordance with CAL-OSHA Standards for all excavations greater than 5' in depth.	1	L.S.	N/A	\$ <u>5,000</u>
103	Demolition	1	L.S.	N/A	\$ <u>22,400</u>
104	Site Grading and Paving	1	L.S.	N/A	\$ <u>64,600</u>
105	Cartridge Filters	1	L.S.	N/A	\$ <u>167,300</u>
106	Ion Exchange System Installation	1	L.S.	N/A	\$ <u>486,500</u>
107	Site Piping	1	L.S.	N/A	\$ <u>396,700</u>
108	Concrete and Canopies	1	L.S.	N/A	\$ <u>245,800</u>
109	Chemical Dosing Systems	1	L.S.	N/A	\$ <u>144,600</u>
110	Electrical	1	L.S.	N/A	\$ <u>124,700</u>
111	Control Systems	1	L.S.	N/A	\$ <u>102,300</u>

TOTAL BID (Sum of Bid Items 101 through 111):

One Million Eight Hundred Seventy Two Thousand Dollars \$ 1,872,900
Nine Hundred (words) (figures)

FINAL BID AMOUNT ADJUSTMENT (If Any):

Zero Dollars Dollars \$ 0
(words) (figures)

NET BID (With Adjustment)

One Million Eight Hundred Seventy Two Thousand Dollars \$ 1,872,900
Nine Hundred (words) (figures)

Bidder hereby acknowledges that all bid prices include any amounts payable by Owner for taxes which may result from this proposal.

Bidder's Authorized Representative:



Signature
Joselito Guintu

Name (Print)

Vice President

Title (Print)

PACIFIC HYDROTECH CORPORATION

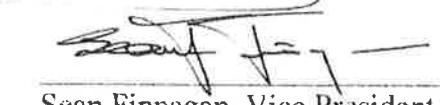
CORPORATE RESOLUTION

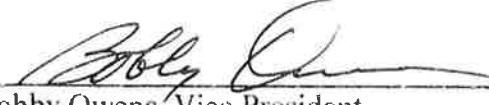
RESOLVED, that Joselito Guintu has the authority to sign contracts on behalf of the corporation.

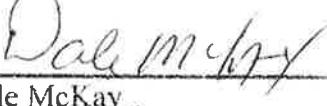
January 26, 2017

AUTHORIZED SIGNATURES

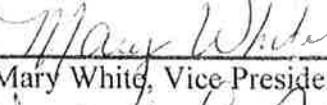

J Kirk Harns, President

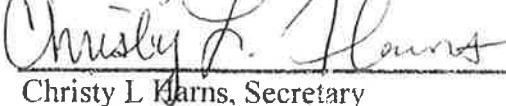

Sean Finnegan, Vice President

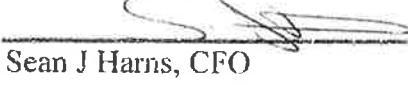

Bobby Owens, Vice President


Dale McKay


Joselito Guintu, Vice President


Mary White, Vice President


Christy L Harns, Secretary


Sean J Harns, CFO

5. Contract Completion Schedule

a. Completion Date

The Completion Date is and shall be based on Owner making award at its regular Board Meeting. Contractor will be advised of award, if made, immediately following said meeting (telephone conversation with letter confirmation). **Completion Date is 215 Calendar days from Award.** Contract time includes time for contract preparation, contract execution, notice to proceed, submittal preparation and review, materials procurement and construction.

b. Liquidated Damages

Contractor is advised that "Liquidated Damages" of \$2000.00 per calendar day may be assessed for each calendar day that the Work remains incomplete following the specified Completion Date, as adjusted for due cause by Change Order.

6. Certification of Bidder's Work Site Inspection

I certify that I have visited and inspected the work site on the following date:

J Kirk Harns - 12/3/2020 JKH.

I also certify that I am familiar with local conditions which may affect the performance of the work and propose to perform the work generally as follows:

Once awarded, submittals will be submitted for approval, then mobilize and start demolition and clearing the site,
followed by laying out and pouring conc pad, while waiting for concrete to cure partial site buried piping can be installed.
Once the conc pad is fully cured, the installation of GAC vessels, chem pumps, filters and above ground piping can start. Electrical, canopy, painting and the remaining buried piping will follow. After all equipment, piping and electrical
are fully tested , Start-up and final testing starts.

Bidder's Authorized Representative



Signature

Joselito Guintu

Name (Print)

Vice President

Title (Print)

7. Statement on Insurance

- a. Names and addresses of all members of partnership or names and titles of all corporate officers:

(All) 314 E 3rd Street, Perris, CA 92570

J Kirk Harns - President

Joselito Guintu - Vice President

June Diaz - CFO

Sean Harns - President Water Works Division

Christy Harns - Secretary

- b. The Bidder declares that the insurers named below have reviewed the insurance requirements set forth in the Contract Appendix (Section 8. Insurance) and have agreed to furnish all insurance specified.

Name(s) and address(es) of insurers agreeing to insurance coverage

The Brokerage Commercial Insurance Services

20261 SW Acacia St. Suite, Newport Beach, CA 92660

Rosa Cowgill (949) 287-5677

8. Certification of Bidding Documents

The Bidder hereby declares and certifies under penalty of perjury that the foregoing statements and all of Bidder's Proposal and Supporting Documents herewith submitted are accurate and correct.

BIDDER

Name: Pacific Hydrotech Corporation

Address: 314 E 3rd Street

Perris, CA 92570

Telephone (951) 943 8803

By: 
(Authorized Representative, Written Signature)

Corporation organized

under the laws of the

State of: CA

Joselito Guintu
(Authorized Representative, Typed or Printed Name)

Title: Vice President
[Individual, Partner, Corporate Officer (Title)]

Federal Tax Identification Number or Social
Security Number: 954107601

CALIFORNIA CONTRACTOR'S LICENSE:

Class A

(Corporate Seal)

Number 518355

Expiration Date 9/30/2021

NOTARY

A Notary Public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF _____
COUNTY OF _____

On _____, 20____, before me, _____, personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

Witness my hand and official seal.

Signature of Notary

(Notary Seal)

NOTE: If Notary elects to attach an acknowledgment form, Notary shall use the Notary Acknowledgment form attached at the end of this section (Bidding Documents), or, alternatively, Notary may use a California All-Purpose Acknowledgment form, provided Notary completes the entire form, both the required and optional portions.

CALIFORNIA ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California }
County of RIVERSIDE }
On January 5, 2021 before me, KRISTINE LEW, NOTARY PUBLIC,
Date Here Insert Name and Title of the Officer
personally appeared JOSELITO GUINTU
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she has executed the same in his/her authorized capacity(ies), and that by his/her signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Place Notary Seal and/or Stamp Above

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

A handwritten signature in blue ink that appears to read "Kristine Lew".

Signature of Notary Public

OPTIONAL

Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached DocumentTitle or Type of Document: CERTIFICATE OF BIDDING DOCUMENTSDocument Date: 01-05-2021 Number of Pages: 19

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)Signer's Name: Joselito Guintu Corporate Officer – Title(s): VICE PRESIDENT Partner – Limited General Individual Attorney in Fact Trustee Guardian or Conservator Other: _____Signer is Representing: PACIFIC HYDROTECH CORPORATIONSigner's Name: NONE Corporate Officer – Title(s): _____ Partner – Limited General Individual Attorney in Fact Trustee Guardian or Conservator Other: _____

Signer is Representing: _____

9. Non-Collusion Affidavit

Bidder's authorized representative Joselito Guintu (Affiant), being first duly sworn, deposes and says that he/she is Vice President (Title) of Pacific Hydrotech Corp (Bidder), the party making the foregoing bid; that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the Bidder has not directly or indirectly induced or solicited any other Bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any Bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the Bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the Bidder or any other Bidder, or to fix any overhead, profit or cost element of the bid price, or of that of any other Bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the Bidder has not directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

BIDDER

Name: Pacific Hydrotech Corporation

By: 
(Authorized Representative, Written Signature)

Joselito Guintu
(Authorized Representative, Typed or Printed Name)

Title: Vice President
[Individual, Partner, Corporate Officer (Title)]

NOTARY

A Notary Public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF _____
COUNTY OF _____

On _____, 20____, before me, _____, personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

Witness my hand and official seal.

Signature of Notary

(Notary Seal)

NOTE: If Notary elects to attach an acknowledgment form, Notary shall use the Notary Acknowledgment form attached at the end of this section (Bidding Documents), or, alternatively, Notary may use a California All-Purpose Acknowledgment form, provided Notary completes the entire form, both the required and optional portions.

CALIFORNIA ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of RIVERSIDE

}

On January 5, 2021 before me, KRISTINE LEW, NOTARY PUBLIC,
Date *Here Insert Name and Title of the Officer*
personally appeared JOSELITO GUINTU
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Place Notary Seal and/or Stamp Above

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.


Signature _____

Signature of Notary Public _____

OPTIONAL

Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached DocumentTitle or Type of Document: NON-COLLUSION AFFIDAVITDocument Date: 01-05-2021 Number of Pages: 1

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)Signer's Name: Joselito Guintu Corporate Officer – Title(s): VICE PRESIDENT Partner – Limited General Individual Attorney in Fact Trustee Guardian or Conservator Other: _____Signer is Representing: PACIFIC HYDROTECH CORPORATIONSigner's Name: NONE Corporate Officer – Title(s): _____ Partner – Limited General Individual Attorney in Fact Trustee Guardian or Conservator Other: _____

Signer is Representing: _____

NOTARY ACKNOWLEDGMENT

A Notary Public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of _____ } ss.
County of _____ }

On _____ before me, _____, a Notary Public, personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____ (seal)

REQUIRED INFORMATION

Capacity Claimed by Signer**Description of Attached Document**

Individual

Corporate Officer(s): _____

Document Title or Type _____

Title(s)

Partner(s):

Limited

General

Number of Pages _____

Attorney-in-Fact

Trustee(s)

Guardian/Conservator

Other: _____

Document Date _____

Other Signer(s) _____

Signer is Representing:
Name of Person(s) or Entity(ies)

SIGNER'S RIGHT THUMBPRINT	Top of Thumb
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Pacific Hydrotech Corporation GAC WTP Project Resume

Project Name	Location	Owner	Engineer	Description of Project	Total Value of Construction	Type	Completion Date
Graves Reservoir Replacement	South Pasadena, CA	City of South Pasadena - Kahono Oei 626-403-7240 koei@southpasadena.ca.gov	NV5 - Luanne Bean (951) 377-1566 luanne.bean@nv5.com	Construction of 1.2MG concrete reservoir, and Installation of new sodium hypochlorite on-site generation system, GAC filter system and ion exchange system.	\$10,114,300.00	GAC / IOX	11/20/2020
Live Oak Well TCE Treatment System	Arcadia, CA	City of Arcadia - Eddie Chan (626) 254-2713 echan2@arcadiaca.gov	Montrose Environmental - Dustin Stickney (714) 632-9969 dstickney@montrose-env.com	Furnish and Install all inlet and outlet piping, and GAC System to integrate treatment, storage, and pumping facilities together and for connection to the existing distribution system. This included installing eight carbon vessels, all associated piping, fittings, and equipment pads. Scope of work included assistance during GAC Loading and Backwashing. A 12" pressure sustaining valve was installed, GAC system connected to an 18" Inlet and outlet above ground pipeline and underground piping. Scope also included misc. site improvements and paving.	\$888,602.00	GAC	11/20/2019
Southern Well No. 6	Torrance, CA	Golden State Water Company - Justin Doronio (310) 436-6950 justin.doronio@gswater.com	Water Works Engineers - Joe Riess (530) 604-5977 joer@wwwengineeringers.com	Design / Build project with a backwash storage tank, decant pump, ATEC filter system, analyzers, chemical injectors and drainage pipes.	\$1,044,255.00	GAC	12/19/2018
Menifee-Perris Desalter 1 Iron Manganese Removal Facility	Perris, CA	Eastern Municipal Water District - Bruce Mitzel 951-928-3777	Krieger & Stewart - Phil Strom 951-684-6900	Ion exchange system, 11 sodium hypochlorite generation system for (11) well sites, equipment building, chemical building, yard piping, electrical works, siteworks	\$15,367,420.00	IOX	4/15/2014
Miramonte Plant Install GAC Treatment	Los Angeles, CA	Golden State Water Company - Nancy Baker 714-535-7711	Golden State Water Company - Nancy Baker 714-535-7711	Install leased GAC vessels, relocate and install existing GAC vessels, provide and install concrete slabs, modify existing chlorine injection vault and piping, provide and install plant piping, provide and install site electrical, testing and acceptance of system, provide install maintain and remove painted construction sign	\$240,634.00	GAC	11/17/2012
Paramount Well	Paramount, CA	City of Paramount - Chris Cash 562-220-210	Tetra Tech - Tom Epperson 949-809-5156	Equipping well with pump/motor, installation of ion exchange filter treatment system, erection of steel tank, backwash tank, yard piping, chemical system, and site improvements	\$3,083,100.00	IOX	9/7/2012
Tujunga Wells	Tujunga, CA	Siemens - David White (714) 228-8818	Siemens - David White (714) 228-8818	Installation of (20) GAC Systems	\$482,000.00	GAC	8/24/2010
Nixon East & West Wells Liquid Phase GAC Project (7.0 MGD)	Baldwin Park, CA	Valley County Water District - Brian Dickinson 909-240-8110	Valley County Water District - Brian Dickinson 909-240-8110	Design and install two independent filter systems (8) GAC vessels for East well and (6) GAC vessels at West well	\$2,106,400.00	GAC	6/6/2010
Dry Year Yield Wells Water Treatment Plant (8.0 MGD)	Ontario, CA	City of Ontario - Ray Hahn - 909-395-2600 rhahn@ci.ontario.ca.us	Carollo Engineers - Tim Van Damme 951-776-3955 - tvandamme@carollo.com	Construction of 2 well sites, block building, pipelines, paving, sodium hypochloride, generation system, ion exchange systems, generator, electrical works	\$8,444,990.00	IOX	3/30/2010
Alhambra Groundwater Treatment Plant (11.0 MGD)	Alhambra, CA	City of Alhambra - Tom Coleman 626-570-5007	Civiltec - Terry Kerger 626-357-0588 - tkerger@civiltec.com	Construction of an ion exchange system, GAC filters, backwash tanks, chemical feed, filter bags, pump station, metal building, pipeline, paving, fencing, site walls and electrical works.	\$9,010,045.00	GAC / IOX	9/30/2008

Pacific Hydrotech Corporation GAC WTP Project Resume

Pioneer Plant	Norwalk, CA	Golden State Water Company - Sunil Pillai 909-394-2272	Golden State Water Company - Sunil Pillai 909-394-2272	GAC Filters, Electrical, Masonry Building, Chemical Systems	\$1,516,000.00	GAC	2/24/2008
Rialto GAC Treatment Plant (5.0 MGD)	Rialto, CA	West Valley Water District - Lon Tsia 909-875-1804 - lon@wwvd.org	Engineering Resources 909-890-1804	GAC Filter Plant with 6 carbon absorber, backwash pipe, concrete pad, piping, paving, fencing and electrical conduits	\$2,007,400.00	GAC	6/7/2007
Water Treatment Plant Expansion	Idyllwild, CA	Fern Valley Water District- 659-2200	Albert Webb & Associates Brian Knoll- 951-248-4279	EPD 2 Stage Pressure Filter w/ 5 Vessels, On-site Sodium Hypochlorite Generation System, Raw Water Pump, Backwash Tank, Pipings, Electrical works.	\$892,300.00	GAC	5/23/2007
Holabird Water Treatment Plant (6.0 MGD)	Calipatria, CA	Southern California Water Authority - John Kemp 760-348-5331	Albert Webb and Associates - Brian Knoll 951-248-4279	Construction of treatment plant, onsite piping, 3 pump stations, pre-engineered metal building, filter GAC vessels, filter tanks, site works and electrical works	\$4,325,799.00	GAC	5/5/2005
Loma Linda Arsenic Removal Treatment Plant	Loma Linda, CA	City of Loma Linda - Greg Snyder	Albert Webb & Associates - Brian Knoll 951-248-4279	Arsenic Removal Filter Plant, Backwash pipe, concrete pad, piping, paving, fencing and electrical conduits.	\$2,000,000.00	IOX	5/5/2005
Palmyrita Filter Plant (20.0 MGD)	Riverside, CA	City of Riverside - Owen Lu 909-225-9388	CMD - Jack Santo 760-438-7755	GAC Filter Plant with 15 filters, backwash, chemical feed generator, control piping, paving, fencing, walls, electrical and controls	\$3,417,048.00	GAC	4/5/2003
Juan Treatment Plant	Hawaiian Gardens, CA	GSWC - Joe Manesi 714-535-7711	GSWC - Joe Manesi 714-535-7711	Arsenic and Manganese Removal Facility	\$1,720,000.00	IOX	3/18/2000
Century Treatment Plant	Southgate, CA	Golden State Water Company - Joe Manesi 714-535-7711	GSWC - Joe Manesi 714-535-7711	Arsenic and Manganese Removal Facility	\$1,750,000.00	IOX	1/20/2000
Senteny Water Treatment Plant	Culver City, CA	Golden State Water Company - Joe Manesi 714-535-7711	GSWC - Joe Manesi 714-535-7711	Water treatment facility, GAC filters	\$2,200,000.00	GAC	1/30/1998



Gabriel Valdez 117 Goldenrod Ave Cell: 951-575-7819 Perris, CA 92570

Email: thenamegabriel@gmail.com

PROFESSIONAL EXPERIENCE:

Project Coordinator//Pacific Hydrotech Corporation//Perris, CA

08.2016- Present

Project Planning and Tracking

- Coordinate Contractors, Suppliers and City Permits
- Document Change Order, Submittals and Resubmittals
- Develop and maintain schedules for Projects
- Communication on project status, temperature and risks
- Ability to develop estimates for quantities and costs of materials and labor
- RFI's / Dailies / USA Dig Alert

Project Manager // S&S Douglas Construction Firm // Lake Elsinore, CA

01.2013 – 08.2016

Project Planning and Tracking

- Coordinate Contractors, Suppliers and City Permits
- Document Change Order, Submittals and Resubmittals
- Develop and maintain schedules for Projects
- Communication on project status, temperature and risks
- Ability to develop estimates for quantities and costs of materials and labor
- Knowledgeable in customer satisfaction, Issue resolution and tracking
- Meeting management and conflict resolution
- Familiar with Underground Pipeline (Water, Sewer, Storm Drain and Fire Line)
- Familiar with Insurance for Projects (General Liability, Workman's Comp, Auto)
- OSHA Certified as Safety Competent Person
- Contract Management
- RFI's / Dailies / USA Dig Alert
- Processing Closeout As-Built Plans and Warranties
- Prepares Work Order, Drawings and/or Construction Plans
- Assists Estimating Department in determining the scope of work, method of service, and construction method for Underground Pipeline.
- Preparing Work Packages including: Work Plans, Procedures, Drawings, Manpower, Materials and Equipment needed as well as Testing Procedures.
- vendors and upper level management.



Project Manager Resume, Sean Harns, PE

Summary of Qualifications and Education

Civil Engineer C82250	2013
Master of Business Administration Westminister College, SLC, UT	2012
BC Civil Engineering Universtiy of Utah	2009

Project Experience

Project Name	RTP Cogen and Switchgear Upgrades
Location	Laguna Niguel, CA
Owner	South Orange County Wastewater Authority
Contact	Brian Peck
Engineer	Carollo
Contact	Jeff Weishaar
Construction Manager	Butier Engineering
Contact	Mark Butier
Total Value of Construction	\$9.3M
Scope of Work	Cogen Upgrade, Gas Cleaning System, Retaining Walls AC and Concrete Road Replacement, Underground Utilities Install New SCE Service, Electrical System Upgrade
Completion Date	Jun-17

Project Name	Dace Well
Location	Norwalk, CA
Owner	Golden State Water Company
Contact	Joe Farah
Engineer	AKM/Golden State
Contact	Joe Farah
Construction Manager	Golden State Water Company
Contact	Ben Easley
Total Value of Construction	\$1.1M
Scope of Work	Equip Well, Underground Water Distribution, Site Improvements, Road Repair, Instal SCE Service
Completion Date	Dec-15

PACIFIC HYDROTECH CORPORATION
HISTORICAL CLAIMS
FOR PREVIOUS 5 YEARS
6/30/20

GENERAL LIABILITY CLAIMS ADDENDUM

Claims handled by liability Insurer

DOL	Claimant Name	Jobsite	Open/Closed	Loss Description	Status	Claimant Counsel	Claims Contact
8/20/18	Kyle Okura (Unrelated 3rd Party)	Moulton Niguel	OPEN	Claimant was riding bike on dirt, fell and injured arm/wrist. Insurance Claim No. #006537-005293-GB-01	Claim is currently settled and being finalized at this time.	James Kuan Phone: 714.234.4330 100 Spectrum Center Dr. Irvine, CA 92618	Rosa Cowgill The Brokerage Comm. Ins. 949.287.5677
9/2/17	Mark Denney (Unrelated 3rd Party)	Emerald Bay	CLOSED	Claimant injured from falling from his bike when he allegedly came upon uneven pavement. Orange County Superior Court Case No. 30-218-00994482-CU-PO-CX	Claim resolved with contribution from subcontractor.	Paul S. Zukerman, Esq Phone: 310.273.1230 8827 W. Olympic Blvd. Beverly Hills, CA 90211	Rosa Cowgill The Brokerage Comm. Ins. 949.287.5677
9/22/16	Pacific Hydrotech	N/A	OPEN	Failure to Indemnify. Orange County Superior Court Case No. 30-2017-00937577_CU-IC-CXC	Filed DJA action against subcontractor insurer, James River for bad faith.	John R. Campo, Esq Geoffrey Hutchinson; Branson, Brikoop, Griffith & Campo, LLP. Phone: 650.365.7710 643 Bair Island Rd., Ste 400 Redwood City, CA 94063	Rosa Cowgill The Brokerage Comm. Ins. 949.287.5677

*Does not include any auto incidents

Civil Claims (Not covered by Insurance)

5/10/2019	Zatarian Transport, LLC (Subtier Trucker)	Sterling Reservoir and Pump Station	Closed	Trucking Company did not pay sub-tier trucker. Riverside Superior Court Case No MVC 1906098	Settled, Trucking Company paid amount due.	Randy Chang, ESQ 7755 Center Ave. Suite 1100 Huntington Beach, CA 92647 818/599-6095	James Lipschultz 3435 Ocean Park Blvd Suite 214 Santa Monica, CA 90405 310/820-3311
12/3/2018	Neal Electric and Independent Power Systems (Electrical Service & Supplier)	San Dieguito Pump Station	Closed	Neal Electric was a Subcontractor on this project who was subject to backcharges for improper performance. San Diego Superior Court Case No. 37-2018-00060824 and 37-2018-00020309	Settled on an amount of back charge.	Jeff S. Hood Procopio, Cory, Hargreaves & Savitch LLP 12544 High Bluff Drive, Suite 400 San Diego, CA 92101 619/238-1900	James Lipschultz 3435 Ocean Park Blvd Suite 214 Santa Monica, CA 90405 310/820-3311
5/25/2017	Don Jensen (Dirt Stockpile, Property Owner)	1000 Oaks, CA	Closed	Pacific Hydrotech did not restore their property to pre-construction conditions. Ventura County Superior Court Case 56-2013-00490570-CU-ET-VTA	Settled claim and restored property	Joel D. Ruben 1230 Rosecrans Ave, Suite 300 Manhattan Beach, CA 90266 424/456-3006	Benson Y.L. Chang 21031 Ventura Blvd. Suite 800 Woodland Hills, CA 91364 818/226-1222

DLSE Claims

11/7/2019	DLSE	Garfield Reservoir	Closed	Crabtree Glass Company, Inc. did not pay proper Certified Wages. 40-61300/313	Settled by Crabtree making payment to DLSE	Crabtree Glass Company Inc. 13203 Sherman Way North Hollywood, CA 91605 818/765-1840	Pacific Hydrotech Corp 314 E 3rd St Perris, CA 92570 951/943-8803
10/14/2019	DLSE	WRP 7 Bio Solids Project	Closed	Prousys, Inc did not comply with payroll rules. 40-58254/753	Pacific Hydrotech Corp paid the wages due directly to DLSE and was dismissed from the case	Prousys Inc. 4700 New Horizon Blvd. Bakersfield, CA 93313 661/837-4001	Pacific Hydrotech Corp 314 E 3rd St Perris, CA 92570 951/943-8803

12. Bid Bond

KNOW ALL MEN BY THESE PRESENTS, that we (Contractor),
Pacific Hydrotech Corporation as Bidder and Principal, and
Liberty Mutual Insurance Company as Surety, are held firmly bound unto the RUBIDOUX
COMMUNITY SERVICES DISTRICT, situated in Riverside County, California, hereinafter called the Owner, in the penal
sum of Ten Percent of Bid Amount dollars, \$ 10%, for the payment of which sum,
well and truly to be made, we bind ourselves, and our successors and assigns, jointly and severally, firmly by these presents.

The condition of this obligation is that whereas Bidder has submitted the accompanying bid dated
December 18, 2020, FOR THE PFAS TREATMENT PROJECT AT MN PLANT #2.

NOW THEREFORE, (1) if the Bidder shall not withdraw said bid within thirty days after the opening of the same,
and (2) shall within ten days after the award of the contract furnish the required certificates of insurance and enter into a
written contract with the Owner in accordance with the bid as accepted, and (3) if the Bidder shall give the required bonds
with good and sufficient sureties for the faithful performance and proper fulfillment of said contract and for the protection of
laborers and material men, or (4) in the event of the withdrawal of said bid within the periods specified, or the failure to enter
into said contract, if the Bidder shall within thirty days after request by the Owner pay the Owner the difference between the
amount specified in said bid and the amount for which the Owner may procure the required Work or supplies, if the latter
amount be in excess of the former, then the above obligations shall be void and of no effect, otherwise they remain in full
force and effect.

In the event suit is brought upon this bond by the Owner and judgment is recovered, the Surety shall pay all costs
incurred by the Owner in such suit, including reasonable attorney's fee, to be fixed by the court.

For value received, the Surety hereby stipulates and agrees that the obligation of said Surety and its bond shall in no
way be impaired or affected by any bid errors or by an extension of time within which the Owner may accept such bid, and
said Surety hereby waives notice of any such extension.

IN WITNESS WHEREOF, Bidder and Surety have duly and fully executed this instrument this 14th day of
December, 2020.

PRINCIPAL:

Name Pacific Hydrotech Corporation

By 
(Authorized Representative, Written Signature).

JOSELITO GUINTU

(Authorized Representative, Typed or Printed Name)

Title VICE PRESIDENT

[Individual, Partner, Corporate Officer (Title)]

Attest: (If Corporation)

By _____

Title _____

(Corporate Seal)

SURETY:

Name Liberty Mutual Insurance Company

By 
(Authorized Representative, Written Signature)

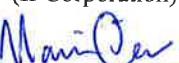
Lawrence F. McMahon

(Authorized Representative, Typed or Printed Name)

Title Attorney-in-Fact

[Individual, Partner, Corporate Officer (Title)]

Attest: (If Corporation)

By 

Title Maria Guise, Witness

(Corporate Seal)

NOTE: Both Principal and Surety signatures must be notarized. A copy of the power of attorney to local representatives of
the bonding company must be attached hereto.

12. Bid Bond (Continued)

NOTARY FOR PRINCIPAL

A Notary Public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF _____)
COUNTY OF _____)

On _____, 20____ before me,
personally
appeared _____
who proved to me on the basis of satisfactory evidence to be
the person(s) whose name(s) is/are subscribed to the within
instrument and acknowledged to me that he/she/they executed
the same in his/her/their authorized capacity(ies), and that by
his/her/their signature(s) on the instrument the person(s), or
the entity upon behalf of which the person(s) acted, executed
the instrument.

I certify under PENALTY OF PERJURY under the laws of
the State of California that the foregoing paragraph is true and
correct.

Witness my hand and official seal.

Signature of Notary

(Notary Seal)

Please see attached California
All-Purpose Acknowledgment
for Surety

NOTARY FOR SURETY

A Notary Public or other officer completing this certificate
verifies only the identity of the individual who signed the
document to which this certificate is attached, and not the
truthfulness, accuracy, or validity of that document.

STATE OF _____)
COUNTY OF _____)

On _____, 20____ before me,
personally
appeared _____
who proved to me on the basis of satisfactory evidence to be
the person(s) whose name(s) is/are subscribed to the within
instrument and acknowledged to me that he/she/they executed
the same in his/her/their authorized capacity(ies), and that by
his/her/their signature(s) on the instrument the person(s), or
the entity upon behalf of which the person(s) acted, executed
the instrument.

I certify under PENALTY OF PERJURY under the laws of
the State of California that the foregoing paragraph is true and
correct.

Witness my hand and official seal.

Signature of Notary

(Notary Seal)

NOTE: If Notary elects to attach an acknowledgment form, Notary shall use the Notary Acknowledgment form attached at the end of this section (Bidding Documents), or, alternatively, Notary may use a California All-Purpose Acknowledgment form, provided Notary completes the entire form, both the required and optional portions.

IMPORTANT: Surety companies executing Bonds must possess a certificate of authority from the California Insurance Commissioner authorizing them to write Surety insurance defined in Section 105 of the California Insurance Code and, if the work or project is financed, in whole or in part, with federal grant or loan funds, said Surety companies must also appear on the Treasury Department's most current list (Circular 570 as amended).

Any claims under this bond may be addressed to:

Name and address of Surety

Liberty Mutual Insurance Company

790 The City Drive South, Suite 200

Orange, CA 92868

Name and address of agent or representative
for service of process in California, if different
from above

Telephone number of Surety and agent or representative
for service of process in California

Surety: (714) 634-5712 / Agent: (619) 238-1828

CALIFORNIA ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

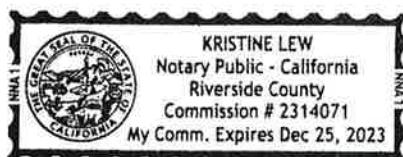
State of California

County of RIVERSIDE

}

On January 4, 2021 before me, KRISTINE LEW, NOTARY PUBLIC
Date Here Insert Name and Title of the Officer
personally appeared JOSELITO GUINTU
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(x) whose name(x) is subscribed to the within instrument and acknowledged to me that he/she(X) executed the same in his/her(X) authorized capacity(x), and that by his/her(X)s signature(x) on the instrument the person(x), or the entity upon behalf of which the person(x) acted, executed the instrument.



Place Notary Seal and/or Stamp Above

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

A handwritten signature in blue ink that appears to read "Kristine Lew".

Signature of Notary Public

OPTIONAL

Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached DocumentTitle or Type of Document: BID BONDDocument Date: 12/14/2020Number of Pages: 2

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)Signer's Name: Joselito GuintuSigner's Name: NONE Corporate Officer – Title(s): VICE PRESIDENT Corporate Officer – Title(s): _____ Partner – Limited General Partner – Limited General Individual Attorney in Fact Individual Attorney in Fact Trustee Guardian or Conservator Trustee Guardian or Conservator Other: _____ Other: _____Signer is Representing: PACIFIC HYDROTECH CORPORATION

Signer is Representing: _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

Civil Code § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document, to which this certificate is attached, and not the truthfulness, accuracy or validity of that document.

STATE OF CALIFORNIA

County of San Diego

}

On DEC 14 2020

before me,

Maria Guise

, Notary Public,

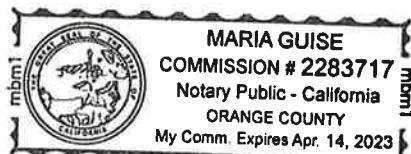
Date

Insert Name of Notary exactly as it appears on the official seal

personally appeared

Lawrence F. McMahon

Name(s) of Signer(s)



Place Notary Seal Above

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

Witness my hand and official seal.

Signature

Signature of Notary Public Maria Guise

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of the form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

Individual

Corporate Officer — Title(s): _____

Partner Limited General

Attorney in Fact

Trustee

Guardian or Conservator

Other: _____

RIGHT THUMPRINT
OF SIGNER

Top of thumb here

Signer is Representing:

Surety Company

Signer's Name: _____

Individual

Corporate Officer — Title(s): _____

Partner Limited General

Attorney in Fact

Trustee

Guardian or Conservator

Other: _____

RIGHT THUMPRINT
OF SIGNER

Top of thumb here

Signer is Representing:



This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

Certificate No: 8204402-024019

POWER OF ATTORNEY

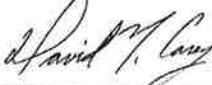
KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Dale G. Harshaw; Geoffrey Shelton; Janice Martin; John R. Qualin; Lawrence F. McMahon; Minna Huovila; Sarah Myers; Tara Bacon

all of the city of San Diego state of CA each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 22nd day of October, 2020.



Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

By: 
David M. Carey, Assistant Secretary

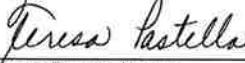
State of PENNSYLVANIA ss
County of MONTGOMERY

On this 22nd day of October, 2020 before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Upper Merion Twp., Montgomery County
My Commission Expires March 28, 2021
Member, Pennsylvania Association of Notaries

By: 
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS: Section 12. Power of Attorney.

Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII – Execution of Contracts: Section 5. Surety Bonds and Undertakings.

Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 14th day of December, 2020.



By: 
Renee C. Llewellyn, Assistant Secretary

RUBIDOUX COMMUNITY SERVICES DISTRICT
CONTRACT DOCUMENTS FOR
PFAS TREATMENT AT MN PLANT #2

ADDENDUM NO. 1

PLEASE BE ADVISED:

The following clarifications, changes, additions, and corrections hereinafter set forth shall be incorporated into the project Contract Documents, and shall be made a part thereof, subject to all the requirements thereof, as if originally specified and/or shown.

1. The bid date is extended to January 7, 2021 at 1:30 PM.
2. The Bid Bond form which shall be included with your bid is attached.
3. All remaining bid questions received prior to the deadline will be responded to in a separate bid addendum.

By: /s/ Ted Beckwith Ted Beckwith, P.E. Date: December 11, 2020
Ted Beckwith, Director of Engineering

ADDENDUM NO. 1 ACKNOWLEDGMENT

Bidder hereby acknowledges receipt of Addendum No. 1 and the incorporation thereof in Bid Proposal for the PFAS TREATMENT PROJECT AT MN PLANT #2.

Bidder: PACIFIC HYDROTECH CORP.

By:  JOSÉ CITO
(Bidder's Authorized Representative)

Date: 1/6/21

Title: VICE PRESIDENT

**RUBIDOUX COMMUNITY SERVICES DISTRICT
CONTRACT DOCUMENTS FOR
PFAS TREATMENT PROJECT AT MN PLANT #2**

ADDENDUM NO. 2

PLEASE BE ADVISED:

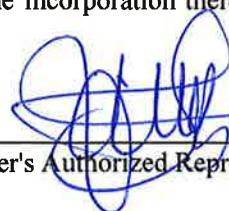
The following clarifications, changes, additions, and corrections hereinafter set forth shall be incorporated into the project Contract Documents, and shall be made a part thereof, subject to all the requirements thereof, as if originally specified and/or shown.

1. The deadline for questions related to this bid has been extended to December 16, 2020 at 11:30 AM.
2. The Bid Bond amount is to be 10% of the bid amount.
3. The pre-bid meeting sign-in sheet is attached and included as part of this addendum.
4. Responses to bidder questions received to date are attached and included as part of this addendum.

By: /s/ Ted Beckwith Ted Beckwith, P.E.  Date: December 11, 2020
Ted Beckwith, Director of Engineering

ADDENDUM NO. 2 ACKNOWLEDGMENT

Bidder hereby acknowledges receipt of Addendum No. 2 and the incorporation thereof in Bid Proposal for the PFAS TREATMENT PROJECT AT MN PLANT #2.

Bidder: PACIFIC HYDROTECH CORP. By: JOSÉ LUIS GUNTU
(Bidder's Authorized Representative)

Date: 1/6/21 Title: VICE PRESIDENT

**RUBIDOUX COMMUNITY SERVICES DISTRICT
CONTRACT DOCUMENTS FOR
PFAS TREATMENT PROJECT AT MN PLANT #2**

ADDENDUM NO. 3

PLEASE BE ADVISED:

The following clarifications, changes, additions, and corrections hereinafter set forth shall be incorporated into the project Contract Documents, and shall be made a part thereof, subject to all the requirements thereof, as if originally specified and/or shown.

1. Responses to additional bidder questions received prior to 12/16/20 at 11:30 AM are attached and included as part of this addendum.
2. Existing site as-builts are attached and included as part of this addendum.

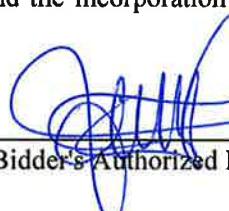
By: /s/ Ted Beckwith Ted Beckwith, P.E. Date: December 17, 2020
Ted Beckwith, Director of Engineering

ADDENDUM NO. 3 ACKNOWLEDGMENT

Bidder hereby acknowledges receipt of Addendum No. 3 and the incorporation thereof in Bid Proposal for the PFAS TREATMENT PROJECT AT MN PLANT #2.

Bidder: PACIFIC HYDROTECH

Date: 1/6/21

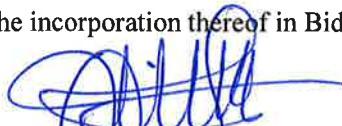
By:  JOSEPH GENUA
(Bidder's Authorized Representative)

Title: VICE PRESIDENT

ADDENDUM NO. 4 ACKNOWLEDGMENT

Bidder hereby acknowledges receipt of Addendum No. 4 and the incorporation thereof in Bid Proposal for the PFAS TREATMENT PROJECT AT MN PLANT #2.

Bidder: PACIFIC HYDROTECT CORP.

By: 
JENELITO QUINTU
(Bidder's Authorized Representative)

Date: 1/6/21

Title: V.P.

Hazen

January 13, 2021

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

Re: Bid Award Recommendation for PFAS Treatment Project at MN Plant #2

Dear Mr. Beckwith:

Hazen and Sawyer completed design on the PFAS Treatment Project at MN Plant #2 (Project) in November 2020. The Project was advertised for construction bids, with bids due on January 7, 2021. The engineer's estimate was \$2,343,750. Eight (8) bids were received from construction contractors:

- Pacific Hydrotech Corp: \$1,872,900
- SCW Contracting Corp: \$2,030,000
- Schuler Constructors: \$2,095,247
- RC Foster: \$2,172,000
- Innovative Construction Solutions: \$2,195,000
- Environmental Construction, Inc: \$2,235,559
- Metro Builders & Engineers Group: \$2,363,232
- Filanc Construction Company: \$3,043,709

The lowest bid was from Pacific Hydrotech Corp at \$1,872,900. Their bid package showed they meet the qualification requirements, and all the required information was submitted.

It is our recommendation to award the construction contract to Pacific Hydrotech Corp.

Thank you,



Tori Yokoyama, PE
Hazen and Sawyer



January 5, 2021

000-161.38A

Rubidoux Community Services District
3590 Rubidoux Boulevard
Jurupa Valley, CA 92509

Attention: Ted Beckwith, Director of Engineering

Via email to: tbeckwith@rcsd.org

Subject: Proposal for Contract Administration and Inspection Services for
PFAS Treatment Project at MN Plant #2 (Leland Thompson Water Treatment Facility)

Gentlemen:

We appreciate the opportunity to submit our proposal for subject project. Our proposal is divided into the following sections:

1. Project Understanding and Approach
2. Scope of Services
3. Project Team
4. Fee and Schedule

Formed in 1971, Krieger & Stewart has provided contract administration and inspection services for similar projects for numerous public agency clientele (including the District), many on a continuing basis for as long as we have been in business. Our sustained relationships, together with what we consider to be an outstanding record of minimizing contract change orders through rigorous contract administration and inspection practices, make us well qualified to provide the required services to the District. As set forth in the attached proposal, Krieger & Stewart's experience and team offer the District superior assistance and services as a result of:

- Extensive experience with the District and its staff, resulting in **familiarity with the District's standards, practices, guidelines, and preferences** - thereby eliminating "on the job training" and enabling timely, successful completion of the project.
- Long term, consistently assigned, local staff members in contract administration and inspection who are **immediately available** to provide **timely responses and assistance** to the District.
- **Experienced** and **intelligent** construction engineering managers and inspection staff with engineering backgrounds or past experience as construction superintendents and foremen.
- **Thorough** and **comprehensive** Contract Document review and understanding, allowing us to minimize change orders during construction.
- Familiarity with **pertinent jurisdictional agencies** (local, state, federal) necessary for successful project implementation.
- **Extensive experience** of Krieger & Stewart staff members **acting as an extension to the District's staff**.



Rubidoux Community Services District
January 5, 2021
Page 2

We understand that having an experienced engineering, inspection, and support staff is an essential component to successful completion of subject project. We have assembled a project team, as described in **Section 3**, that will provide the District with the benefit of over 150 years of engineering and construction experience.

Krieger & Stewart's staff members will perform all of the tasks described in our Scope of Services (**Section 2**). Based on our correspondence with the District, our proposal reflects that the District will directly retain the outside services of Converse Consultants for soils and concrete testing; however, we will assist the District in the coordination efforts required for these services to be performed. We understand that the District is scheduled to receive bids for the construction contract in December 2020, and tentatively intends to award the construction contract in January 2021. All members of our project team are available to commence our services for the project by the middle of January.

As described in **Section 4** (Fee and Schedule) and shown on **Table 4-1** therein, we propose to provide all of the base services included in our Scope of Services for an estimated fee of \$140,400, and offer the optional startup services for an additional \$8,200. We will invoice the District monthly based on our 2021 Fee Schedule; a copy of said Fee Schedule is also included in **Section 4**. Krieger & Stewart will not exceed this estimated fee without prior District approval.

Krieger & Stewart has no conflict of interest (personal or organizational) pertaining to this project. Krieger & Stewart maintains excess liability insurance with coverage of \$5,000,000, general and professional insurance with coverage of \$2,000,000 under each policy, automobile and employer's liability insurance with coverage of \$1,000,000 under each policy, and worker's compensation with coverage based on the statutory limit.

Again, we are pleased to be considered to provide contract administration and inspection services to the Rubidoux Community Services District regarding subject project, and are available to discuss our proposal with you at your convenience.

Sincerely,

KRIEGER & STEWART

A handwritten signature in blue ink that reads "Charles A. Krieger".
Charles A. Krieger

TRR/blt
000-161P38-PRO

Attachment: Proposal



SECTION 1 - PROJECT UNDERSTANDING AND APPROACH

PROJECT UNDERSTANDING

The existing MN Plant #2 (Leland Thompson Water Treatment Facility) is located just east of the corner of 34th Street and Daly Avenue. This facility can remove manganese from raw water produced by three nearby wells, Wells 1A, 8 and 18 (which is located onsite). The treated effluent is then conveyed into the distribution system through a 16" transmission line located in 34th Street.

This project consists of constructing a new PFAS removal facility at the MN Plant #2 site. The proposed system has been designed to treat effluent water from the MN Plant #2 and raw water from Well 8 before it is sent to the distribution system.

The proposed PFAS Treatment Facility has been designed with multiple ion exchange vessels and configured so that if one well or vessel is out of service, the other wells could still be operated through the Facility. Raw water to be treated will be either effluent from the MN Plant #2, raw water from Well 8, or a blend of water produced from the two sources. The design of the PFAS Treatment Facility accounts for the MN Plant #2 operating at 3,200 gpm and Well 8 operating at 1,700 gpm, resulting in a total treatment capacity of 4,900 gpm.

The proposed ion exchange system (to be supplied by Evoqua) includes six (6) ion exchange vessels and proprietary media, valve manifold, valve manifold pipe support and all items that are physically attached to the vessels including air release valves and fill piping. The proposed Facility has been designed, and we understand the Contract Documents are based on the equipment to be supplied by Evoqua that has been pre-procured by the District.

Other required work consists of constructing site facilities, site piping, two (2) cartridge filters, chemical feed system, sodium bisulfate storage tank, electrical equipment, motor control equipment, instrumentation, controls, and all related appurtenances.

Lastly, Krieger & Stewart is intimately familiar with projects involving pre-purchased equipment. We

understand the considerations (i.e. challenges and distinctions) associated with same. Said considerations include: typical claims made by the Installation Contractor, payment procedures and schedule, startup procedures, and the responsibilities/interactions amongst key parties (particularly the various subcontractors). Our previous experience has provided us with the tools and procedures necessary to avoid/overcome the common challenges associated with this particular equipment.

APPROACH

Krieger & Stewart's approach to contract administration and inspection services projects is such that said projects are given the highest priority of all active projects. We recognize the need to respond to submittals, requests for information (RFIs), requests for change (RFCs), and any other concerns raised by the District or Contractor immediately. Our team members are instructed and trained to implement a proactive approach to our services (i.e. thorough preparation and anticipation to mitigate potential future problems). Our team members will also practice frequent communication amongst themselves, with the Contractor and subcontractors, with District staff, with other consultants, and with all applicable jurisdictional agencies. Lastly, Krieger & Stewart's office and field personnel are committed to maintaining a professional attitude and approach to our services, regardless of the situation. This approach enables us to avoid potential disruptive field confrontations with Contractor personnel (and maintain our focus on key project elements).



SECTION 2 - SCOPE OF SERVICES

Krieger & Stewart has organized its construction engineering services into the following components:

1. Construction Management
2. Construction Contract Administration
3. Inspections
4. Project Closeout
5. Project Startup (Optional)

Engineering services proposed for the above components are discussed in the following subsections.

1. CONSTRUCTION MANAGEMENT

Preconstruction Meeting

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

We will attend the preconstruction meeting together with District staff and project Contractor staff. The preconstruction conference will provide the opportunity for complete review of the Contract Documents by all parties prior to starting work. In conjunction with District staff, we will be prepared to respond to questions regarding the Contract Document requirements, including special project requirements, sequence of work, and completion dates. We will review the Contractor's schedule and approach to construction. We will prepare a record of the meeting (meeting minutes), incorporating items reviewed, for distribution to all attendees.

Submittal Processing

Our project manager and document controls administrator, assisted by Krieger & Stewart

staff and our principal in charge (as appropriate), will expeditiously process project submittals to allow the design engineer adequate time to ensure compliance with the Construction Drawings and Specifications. We expect submittal documents to be received for the construction schedule, all construction materials and equipment, equipment operation and maintenance manuals, equipment warranties, and record drawings.

We will also prepare and maintain a detailed submittal log for an ongoing record of: submittal numbers, dates received and returned, quantities received and returned, descriptions, manufacturers, actions taken, and other comments as necessary. Said submittal log will be available for transmittal to the District at any time.

We will also review the Contractor's CPM construction schedules and schedule updates to ensure that the project will be completed in a timely manner, that nothing significant is omitted from same, and that the proposed sequencing is consistent with Contract requirements.

Progress Meetings

We will schedule, facilitate, and attend bi-monthly progress meetings with Contractor and District staff to discuss progress, scheduling and coordination efforts, and resolutions to construction problems encountered. We propose to include our project manager and construction inspector at each progress meeting.

Our project manager will prepare detailed meeting agendas and meeting minutes to be distributed to all attendees. The progress meetings will be held via teleconference or under socially distanced conditions at the job site, the District's office, or even at Krieger & Stewart's office (at the District's discretion).

Contract Administration and Inspection Services for PFAS Treatment Project at MN Plant #2



The progress meeting minutes will be the basis for progress reporting to the District's project manager. In addition to the bi-monthly progress meeting minutes, we will carefully monitor the project's progress, together with Krieger & Stewart's budget and unpaid Contract funds to the Contractor. Said data will be readily available for the District's project manager upon request.

2. CONSTRUCTION CONTRACT ADMINISTRATION

Contract Administration

Throughout the course of construction, our project manager, assisted by Krieger & Stewart staff, will work with the design engineer to respond to inquiries regarding the Contract Documents in order to ensure that the project is constructed in compliance with same. Contract administration activities will include site visits, review of daily inspection reports, daily conferences with the construction inspector, progress reviews to ensure that the project is proceeding according to schedule, progress reviews with District staff, and related services.

We will assist the design engineer in responding to requests for information (RFIs) from the Contractor regarding the Contract Documents in order to ensure that the improvements and related facilities are constructed in compliance with same. We will also assist the design engineer in preparing "clarifications" when we discover further explanation or correction of the Contract Documents is necessary. In addition, when the Contractor proposes altering the specified work, we will assist the design engineer in reviewing his request for change (RFC) to determine whether his proposal is equivalent to the Contract requirements. The cost of said engineering review will be borne by the Contractor.

We will prepare and maintain logs for all written aspects of project record, including submittals, RFIs, RFCs, clarifications, contract change orders, payment requests, non-compliance reports, accounting reports, and inspections.

Project progress and any changes during construction will be noted on a set of Contract Documents maintained in the field (by our inspector) and in our office (by our project manager). Problems or questions during construction will be resolved by our project manager and construction inspector. If a problem occurs requiring a District decision, District staff will be consulted. Our project manager will attempt to resolve complaints, concerns, and questions from the Contractor and other affected agencies.

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

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

Telephone numbers for normal working hours, evenings, and weekends for the project manager, construction inspector, Contractor, utilities, and emergency services will be provided to all concerned parties.

Partial Payment Requests

Each month, we will review the partial payment request submitted by the Contractor for work completed. Our project manager will review the work completed and the payment request with the construction inspector to ensure the quantities and amounts requested reflect the

Contract Administration and Inspection Services for PFAS Treatment Project at MN Plant #2



actual work completed. Prior to the Contractor's submittal of a payment request, he will be required to review the actual work completed with our inspection staff (so that both parties agree upon same). After each request has been reviewed (and revised if necessary), Krieger & Stewart's project manager will recommend approval and payment by the District.

3. INSPECTIONS

Construction Inspection

An experienced inspection staff is an important element in construction engineering services. When assembling a project team, Krieger & Stewart assigns inspectors to a project who have significant experience in providing the specific construction engineering services required for that type of project.

In addition to his field diaries, our construction inspector will prepare daily field reports which will be reviewed by our project manager. Our construction inspector will also take daily photographs as a record of project progress.

Prior to construction, our construction inspector will review the work site and photograph or videotape existing facilities as a record of pre-existing conditions. This will be in addition to the Contractor's required pre-construction audio video recording by a professional photographer.

During construction, Krieger & Stewart's construction inspector will review all materials delivered to the site for conformance with approved submittals and District standards.

Construction Staking

While the Construction Documents require the Contractor to provide all construction staking required for the project; during construction, the location of facilities (relative to the construction staking and locations established on the

Construction Drawings) will be verified by our construction inspector.

4. PROJECT CLOSEOUT

Final Inspection and Project Acceptance

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

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

Redlined Drawings

Once the project has been completed, we will prepare and provide the District and design engineer with a complete set of redlined drawings which will reflect the facilities as constructed. Field changes and changes resulting from contract change orders will be shown on the redlined drawings. All changes will be documented by the inspectors and our project manager. The design engineer will then be able to use these redlined drawings to incorporate all of these documented changes into the final record drawings.

Contract Administration and Inspection Services for PFAS Treatment Project at MN Plant #2



5. PROJECT STARTUP (OPTIONAL)

The Contract Documents require the Contractor and the filter system supplier to provide startup, performance testing, and system validation of all equipment and components, including adjustments and calibrations by all other equipment suppliers. Startup and performance testing will be witnessed by District staff.

Using the equipment operation and maintenance manuals, the various equipment suppliers will be required to provide District Operations staff with sufficient training and instruction to enable them to operate and maintain the facilities once the District accepts same and assumes responsibility for the new facility's operation. Our engineering staff will assist with coordination of operator training and instruction. District operations staff will receive "hands-on" training for all facility equipment and systems.

At the District's request, we can provide the additional services of having representatives of our project team assist with startup and testing coordination and ensure compliance with project requirements.

Based on the Contract Documents and equipment shop drawings, our staff would prepare checklist forms for each equipment system to document equipment functions in both manual and automatic modes. In addition, we would prepare forms for equipment testing, including forms to record pumping unit field test results. During startup and testing, we would utilize the forms to record observed equipment operation/performance and confirm that all equipment performs in accordance with Contract requirements. For systems or equipment that fail to meet Contract requirements, we would document same and define the necessary corrective work. Prior to acceptance of construction work, we would verify that all equipment and appurtenances are functioning as specified in the Contract Documents.



SECTION 3 - PROJECT TEAM

Krieger & Stewart has assembled a **project team comprising senior members** that possess **unmatched experience and qualifications, including extensive construction management and inspection experience**, and have regularly provided similar services to our municipal clients.

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

- Charles A. Krieger - Principal in Charge
- Travis R. Romeyn - Project Manager
- Russell E. Romeyn - Electrical Inspector (and Startup and Commissioning Coordinator, if optional startup services are selected)
- Erick S. Luna or Greg S. Alexander - Construction Inspector
- Jennifer M. Weiler - Document Control Administrator

Each member of our team has many years of experience and expertise in his particular area of responsibility. **All five (5) key team members have completed many successful projects for K&S and have a combined tenure at K&S of more than 70 years.**

In addition to the team members listed, additional members of our staff of registered and graduate engineers, surveyors, technicians, drafters, secretaries, and inspectors will provide assistance as necessary to ensure successful completion of the project tasks in accordance with the project schedule.

Our project team members and their respective responsibilities are described below.

PRINCIPAL IN CHARGE

Charles A. Krieger is a registered civil engineer in California, President and CEO of K&S, and has been with the firm for over 35 years. Krieger has served as principal in charge for a wide variety of water-related public works projects, from planning and design through construction. Krieger brings extensive

experience to the project and a hands-on management approach to the firm's projects, striving to provide clients with comprehensive ("cradle-to-grave") engineering services to ensure the safe and proper installation of the facilities specified.

Krieger will be directly responsible for supervising all services provided by K&S and will coordinate project services to ensure that the District's needs are met and that sufficient resources are available to ensure same.

PROJECT MANAGER

Travis R. Romeyn is a registered civil engineer in California, and an Associate Engineer with K&S. T. Romeyn has provided third-party construction management services on behalf of K&S to Western Municipal Water District and the City of San Bernardino Municipal Water Department for water and wastewater facilities.

T. Romeyn will be directly involved in all construction management activities (including attending and conducting progress meetings, regular site visits, review of and response to Contractor's requests for information through coordination with the design engineer, review of and response to change order requests, review of payment requests, all written correspondence with Contractor, review of daily inspection reports and photographs, daily communication with all parties/agencies involved, etc.) to ensure that the project is constructed in compliance with the Contract Documents with minimal delays (if any). T. Romeyn will ensure that overall quality, cost, and schedule objectives are satisfied.

T. Romeyn will be the primary point of contact with the District's project manager (and key staff) and design engineer, the Contractor's project manager, and all other pertinent entities.

Contract Administration and Inspection Services for PFAS Treatment Project at MN Plant #2



ELECTRICAL INSPECTOR / STARTUP AND COMMISSIONING COORDINATOR

Russ E. Romeyn has been with K&S for 14 years, and has extensive experience providing electrical engineering, inspection, and startup, commissioning, and trouble-shooting services to Southern California public agencies.

R. Romeyn will provide all required electrical inspection, and the optional startup and commissioning services if selected.

CONSTRUCTION INSPECTOR

We propose to assign one of two highly qualified staff members to provide construction inspection services for this project.

Erick S. Luna has about 22 years of experience constructing and inspecting public works projects and has been with K&S for over 5 years.

Greg S. Alexander has about 28 years of experience constructing and inspecting public works projects and has been with K&S for over 9 years.

Luna or Alexander will be available to provide construction inspection services throughout the duration of the project.

DOCUMENT CONTROL ADMINISTRATOR

Jennifer M. Weiler has been with K&S for about 15 years, providing records administration (including web-based document management services) for K&S construction engineering projects for various municipal clients.

Weiler will be responsible for document control and construction administrative services, including processing of Contractor's RFIs and RFCs, material and equipment submittals, partial payment requests, and proposed and executed change orders; preparation and maintenance of comprehensive project records and logs; coordinating with and supporting the project team as needed; and preparation and distribution of general correspondence and various reports and

documents, including progress reports, agendas, and meeting minutes.



SECTION 4 - FEE AND SCHEDULE

Fee Estimate

Our estimated fee for providing contract administration and inspection services for the PFAS Treatment Project at MN Plant #2 is \$140,400, with optional startup services offered for an additional \$8,200. A detailed breakdown of man hours and fees is shown on **Table 4-1** in this section. A copy of our 2021 Fee Schedule is also attached.

Our estimated fee for contract administration and inspection services is based on the following understandings and assumptions:

1. Construction period for the Contract will be 7 months (31 weeks).
2. District will retain the services of a geotechnical firm for soils and concrete testing. We will assist the District in the coordination efforts required.
3. Processing 40 equipment and material submittals and re-submittals requiring 1/2 hour average coordination time per submittal. Clerical hours are based on 1/2 hour per submittal for submittal processing.
4. For the contract administration/management component of our services, 2 hours per week for Project Manager for the first 2 weeks of the construction Contract followed by 4 hours per week for Project Manager for the next 3 weeks of the construction Contract (assuming the first 5 weeks are consumed by Contract execution, submittals, and Contractor mobilization). During this time, 6 hours per week for the Document Control Administrator. For the remaining 6 months of construction/start-up/project close-out, 6 hours per week for Project Manager and 8 hours per week for Document Control Administrator. For the duration of the construction Contract, 1 hour per week for Principal in Charge.
5. The monthly progress meetings assumed to be an average duration of 1-1/2 hours over a 7 month period. Project Manager and Document Control Administrator will spend a combined average of

3 hours per meeting preparing meeting agendas, attending meetings, and preparing meeting minutes.

6. Total required onsite inspection will be 464 hours (over the 7 month period) with an average of 16 hours per week over 27 weeks for our Construction Inspector and an average of 4 hours per week over 8 weeks for our Electrical Inspector.
7. Onsite inspection rates are based on working a maximum of eight hours per day and up to 40 hours per week. Our fee estimate does not include overtime work.
8. Optional project startup services would involve 10 hours per week for Startup and Commissioning Coordinator for the month of project startup.
9. Reimbursables include plots, copies, postage, delivery, telephone, and mileage and are estimated at 3% of the total estimated fee.

Due to our close proximity to the District and project site, it is anticipated that our inspection time, whenever possible, will be coordinated with the Contractor to perform our inspection on a part-time basis with one to two visits to the site per day.

Our estimated fee for contract administration and inspection services is based on our experience with similar projects; however, our actual fee will depend on the efficiency, competence, and diligence of the Contractor(s). If at any time during construction, we determine that our man hours are deviating from the assumptions made during preparation of our fee estimate, we will immediately issue an advisory to the District's project manager, so that appropriate action can be taken.

Schedule

Our Scope of Services is aligned with the 215 calendar day construction contract period. Most of Krieger & Stewart's tasks will be performed concurrently.

Contract Administration and Inspection Services for PFAS Treatment Project at MN Plant #2



We have prepared **Table 4-2** (attached at the end of this section) to demonstrate the allocation of our services in relation to the construction activities for the PFAS Treatment Project at MN Plant #2. The estimated average resource allocation for our key project team members is built into the schedule. We have confirmed that all staff members will be able to perform the required work during the times proposed.

TABLE 4-1
RUBIDOUX COMMUNITY SERVICES DISTRICT
PFAS TREATMENT PROJECT AT MN PLANT #2

ESTIMATED FEES FOR CONTRACT ADMINISTRATION AND INSPECTION SERVICES

TASK / COMPONENT	PRINCIPAL IN CHARGE ⁽¹⁾		CONSTRUCTION MANAGER ⁽²⁾		ELECTRICAL INSPECTOR ⁽³⁾		CONSTRUCTION INSPECTOR ⁽⁴⁾		DOCUMENT CONTROL AND SUPPORT STAFF ⁽⁵⁾		STARTUP AND COMMISSIONING COORDINATOR ⁽⁶⁾		TOTAL
	HOURS	\$	HOURS	\$	HOURS	\$	HOURS	\$	HOURS	\$	HOURS	\$	
1. CONSTRUCTION MANAGEMENT	19	4,712	104	20,072					78	8,268			33,052
2. CONSTRUCTION CONTRACT ADMINISTRATION	12	2,976	68	13,124					134	14,204			30,304
3. INSPECTIONS					32	5,632	416	57,824	26	2,756			66,212
4. PROJECT CLOSEOUT	2	496	12	2,316			16	2,224	16	1,696			6,732
SUBTOTAL:	33	8,184	184	35,512	32	5,632	432	60,048	254	26,924	0	0	136,300
											REIMBURSABLES (3%):		4,089
											CONTRACT ADMINISTRATION AND INSPECTION SERVICES TOTAL:		140,389
											CONTRACT ADMINISTRATION AND INSPECTION SERVICES TOTAL (ROUNDED):		\$140,400
OPTIONAL TASKS													
5. PROJECT STARTUP											40	8,240	8,240
											OPTIONAL SERVICES TOTAL:		8,240
											OPTIONAL SERVICES TOTAL (ROUNDED):		\$8,200
HOURLY RATES PER K&S 2021 FEE SCHEDULE:													
(1) PRINCIPAL ENGINEER I	@	\$248 /Hr											
(2) ASSOCIATE ENGINEER II	@	\$193 /Hr											
(3) ELECTRICAL INSPECTOR	@	\$176 /Hr											
(4) CONSTRUCTION INSPECTOR	@	\$139 /Hr											
(5) SECRETARY III	@	\$106 /Hr											
(6) SENIOR ENGINEER I	@	\$206 /Hr											

TABLE 4-2
RUBIDOUX COMMUNITY SERVICES DISTRICT
CONTRACT ADMINISTRATION AND INSPECTION SERVICES FOR
PFAS TREATMENT PROJECT AT MN PLANT #2

ESTIMATED CONSTRUCTION, INSPECTION, AND COMMISSIONING SCHEDULE

COMPONENT	2021																																						
	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP														
COMPONENT	4	11	18	25	1	8	15	22	1	8	15	22	29	5	12	19	26	3	10	17	24	31	7	14	21	28	5	12	19	26	2	9	16	23	30	6	13	20	27
AWARD, CONTRACTS, AND CONSTRUCTION																																							
AWARD OF CONTRACT				█																																			
NOTICE TO PROCEED					█																																		
PRE-CONSTRUCTION MEETING						█																																	
PROCUREMENT, APPROVAL, AND DELIVERY OF IX EQUIPMENT																																							
PRECONSTRUCTION POTHOLING/CIVIL DEMOLITION																																							
INSTALLATION OF YARD PIPING AND STRUCTURAL COMPONENTS																																							
INSTALLATION OF IX EQUIPMENT AND OTHER MECHANICAL SYSTEMS																																							
STARTUP AND COMMISSIONING																																							
CLEANUP AND PUNCH LIST ITEMS																																							
NOTICE OF COMPLETION																																							
KRIEGER & STEWART SERVICES																																							
1. CONSTRUCTION MANAGEMENT																																							
2. CONSTRUCTION CONTRACT ADMINISTRATION																																							
3. INSPECTIONS																																							
4. PROJECT CLOSEOUT																																							
5. PROJECT STARTUP (OPTIONAL SERVICE)																																							
KRIEGER & STEWART ESTIMATED STAFF ALLOCATION																																							
PRINCIPAL IN CHARGE ⁽¹⁾																			AVERAGE 1 HOUR/WEEK FOR 33 WEEKS																				
CONSTRUCTION MANAGER ⁽²⁾																		2 HRS/WK	4 HRS/WK																				
DOCUMENT CONTROL ADMINISTRATOR ⁽³⁾																		6 HRS/WK																					
CONSTRUCTION INSPECTOR ⁽⁴⁾																																							
ELECTRICAL INSPECTOR ⁽⁵⁾																																							
STARTUP & COMMISSIONING COORDINATOR ⁽⁵⁾ (OPTIONAL SERVICE)																																							

⁽¹⁾ CHARLES A. KRIEGER

⁽²⁾ TRAVIS R. ROMEYN

⁽³⁾ JENNIFER M. WEILER

⁽⁴⁾ ERICK S. LUNA OR GREG S. ALEXANDER

⁽⁵⁾ RUSSELL E. ROMEYN



FEE SCHEDULE 2021

CLASSIFICATION

Consulting, Design, Construction, Engineering, Environmental, Commissioning, and Surveying Services (Office)

	RATES \$/Hr.
Principal III	290.00
Principal II	275.00
Principal I	248.00
Senior III	234.00
Senior II	220.00
Senior I	206.00
Associate III	199.00
Associate II	193.00
Associate I	186.00
Staff III	180.00
Staff II	158.00
Staff I	138.00
Technician III	117.00
Technician II	112.00
Technician I	107.00

Forensic Services

Principal Expert:	
400.00	400.00
300.00	300.00
Associate Expert:	
350.00	350.00
250.00	250.00

Computer Aided Design Services

Operator III	158.00
Operator II	150.00
Operator I	141.00

Surveying Services (Field)

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

Construction Services (Field)

Construction Engineer	199.00
Electrical Inspector	176.00
Construction Inspector:	
Regular Time	139.00
Overtime:	
Weekdays (8 hours to 12 hours)	166.00
Weekdays (More than 12 hours)	200.00
Saturday (12 hours or less)	166.00
Saturday (More than 12 hours)	200.00
Sunday and Holiday (Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day and the Day After, Christmas Day)	200.00



**FEE SCHEDULE
2021
(continued)**

CLASSIFICATION	RATES \$/Hr.
Support Services	
Secretary IV	110.00
Secretary III	106.00
Secretary II	95.00
Secretary I	84.00
Utility Clerk II	78.00
Utility Clerk I	77.00
Outside Services	
Special Consultants and Purchased Services	Cost + 15%
Reimbursable Expenses	
Vehicle Mileage	0.72 \$/Mile
Travel and Subsistence, including Air Fare, Ground Fare, and Vehicle Parking	Cost
Specialized Rental Equipment	Cost
Copies, Delivery, Postage, Prints, Telephone, and Sundry Charges	Cost

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

TERMS OF PAYMENT:

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

2021-FEES (09/10/2020)

14. CONSIDER PURCHASE OF A SEWER BY-PASS PUMP:

DM 2021-05

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 2021-05

January 21, 2021

To: Rubidoux Community Services District
Board of Directors

Subject: Consider Purchase of a Sewer By-Pass Pump

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

RECOMMENDATION:

Staff recommends the 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.

Respectfully,



JEFFREY D. SIMS, P. E.
General Manager

Attach:

1. Purchase Order for Xylem Sale Quotation 117020575 dated December 10, 2020

December 10, 2020

Mr. Leland Bugbee
Rubidoux Community Services District
PO BOX 3098
Riverside, CA 92519-3098

Phone: 951-684-7580
Email: lbugbee@rcsd.org

**RE: NC100 CS Sale quote
Sale Quotation 117020575**

Dear Mr. Bugbee:

In response to your request, Xylem is pleased to provide the following sales quotation on the above referenced equipment.

I trust this information will assist you in the selection of your equipment. We appreciate the opportunity to be of service and look forward to working with you. Thank you for considering Xylem. If you have any questions please feel free to give me a call.

Sincerely,



James O. Rufing
Outside Sales Representative

JOR / jr

SALE QUOTATION

ITEM	QTY	DESCRIPTION	UNIT PRICE	SALE TOTAL
A	1	Dri-Prime NC100S Critically Silenced <ul style="list-style-type: none"> • Sound Attenuated Enclosure • 4" 150# Flange Suction and Discharge • Yanmar 3TNV88C FT4 Diesel Engine w/FST • Global Series 6 Skid-mounted, • Spill Containment, 110% Fuel Containment 	\$ 52,760.00	\$ 52,760.00
B	1	Global Series 6 Trailer Kit <ul style="list-style-type: none"> • with Bolt on Tongue, Fenders, • Axle with Electric Brakes, • and Wiring Harness • Fits N32-10374 	3,104.00	3,104.00
C	3	4" x 10' Black Water Suction Hose with Godwin QD Fittings	206.40	619.20
D	1	4" 45 Degree Godwin QD Bend	106.40	106.40
E	1	4" X 20' Composite Hose with 150# Flange Fittings	864.00	864.00
F	1	4-1/4" Female QD x 150# Flange <ul style="list-style-type: none"> • Mounting Kit includes Adapter, • Flange Gasket, Bolts & Nuts 	133.60	133.60
G	1	4" Check Valve with 150# Flange	474.40	474.40
H	1	6" 150# Flange x 4" 150# Flange Concentric Adapter	489.10	489.10
I	1	12V Critical Solar Charger	243.10	243.10
J	1	PrimeGuard Float Set <ul style="list-style-type: none"> • w/ 65' Mechanical Floats 	388.00	388.00

Please note all sale pricing is in U.S. Dollars. The price does not include freight, export boxing, duties, taxes, or any other items not specifically mentioned.

This pricing information is for internal use only. We ask that these items and terms be kept confidential. All applicable tax and freight charges will be added to invoices. All quotations are subject to credit approval. All quotations are valid for 30 days. All prices quoted in US dollars.

SALE QUOTATION

ITEM	QTY	DESCRIPTION	UNIT PRICE	SALE TOTAL
K	1	4" 150# Flanged Tee	259.18	259.18
L	1	2 1/2" FNST x 4" 150# Flange with 4" isolation ball valve Flush adapter	800.00	800.00
M	1	Delivery Motor Freight Br 017	2,250.00	2,250.00

Our current delivery lead-times associated with this Quotation are best estimates at this time. Due to the outbreak of the COVID-19 virus pandemic and its global effects on commerce, supply chain, and logistics, these lead-times are an estimate only and not a commitment. Xylem is and will continue to use all commercially reasonable efforts to minimize any delivery delay impacts.

NET SALE TOTAL	\$ 62,490.98
TAX 7.75%	\$ 4,843.05
Grand Total	\$67,334.03

Please note all sale pricing is in U.S. Dollars. The price does not include freight, export boxing, duties, taxes, or any other items not specifically mentioned.

This pricing information is for internal use only. We ask that these items and terms be kept confidential. All applicable tax and freight charges will be added to invoices. All quotations are subject to credit approval. All quotations are valid for 30 days. All prices quoted in US dollars.

This order is subject to the Standard Terms and Conditions of Sale - Xylem Americas effective on the date the order is accepted which terms are available at

**15. CONSIDER AWARD OF PROFESSIONAL SERVICES
AGREEMENT TO KRIEGER AND STEWART FOR UPDATING
RCSD'S 2015 SANITARY SEWER MANAGEMENT PLAN:**

DM 2021-06

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 2021-06

January 21, 2021

To: Rubidoux Community Services District
Board of Directors

Subject: Consider Award of Professional Services Agreement to Krieger & Stewart for Updating the RCSD 2015 Sanitary Sewer Management Plan

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 sewer 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 2020/21 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.

RECOMMENDATION:

The General Manager recommends the District Board of Directors authorize the General Manager to:

1. Utilize \$10,000 from the Approved FY 2020/21 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.

Respectfully,



JEFFREY D. SIMS, P. E.
General Manager

Attach:

1. Krieger and Stewart Proposal dated 12/31/20 – Update District 2015 SSMP



December 31, 2020

587-42.3A

Jeff Sims, General Manager
Rubidoux Community Services District
3590 Rubidoux Boulevard
Jurupa Valley, CA 92509

Subject: Engineering Services Proposal for
Amending Sewer System Management Plan (SSMP)

Dear Mr. Sims:

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

Section D.14 of State Water Resources Control Board (SWRCB) Order No. 2006-0003-DWQ states, in part, that "*The SSMP must be updated every five (5) years, and must include any significant program changes.*"

We propose to update the District's existing SSMP (January 2015) with current data, as applicable, in compliance with SWRCB Order No. 2006-0003-DWQ, by preparing an amended SSMP. We will coordinate with District staff in order to obtain information and data that is not already on file in our office and is needed for the amended SSMP.

We propose to prepare the amended SSMP for a fee not to exceed \$10,000 in accordance with our current fee schedule, attached. We will provide two hard copies and a digital copy in pdf of the amended SSMP within four (4) weeks of receiving notice to proceed from the District. Additional hard copies will be provided upon request. The amended SSMP will then need to be re-certified by the District's Board of Directors prior to submittal, along with the Board's re-certification document, to the SWRCB Division of Water Quality.

In addition, we will notify the District six months prior to the date of the next required re-certification.

Again, we appreciate the opportunity to submit our proposal to prepare Rubidoux Community Services District's amended SSMP. If you have any questions or need further information, please call.

Sincerely,

KRIEGER & STEWART

A handwritten signature in black ink that appears to read 'D. F. Scriven'.

David F. Scriven

DFS/nr
587-42P3-PRO-2020

Attachments: 2021 Fee Schedule

Shipping/Mailing Address: 3890 Orange Street #1509, Riverside, CA 92502

Office Location: 3602 University Avenue, Riverside, CA 92501

Tel: (951) 684-6900 • Fax: (951) 684-6986 • www.kriegerandstewart.com



FEE SCHEDULE
2021

CLASSIFICATION

Consulting, Design, Construction, Engineering, Environmental, Commissioning, and Surveying Services (Office)

	RATES \$/Hr.
Principal III	290.00
Principal II	275.00
Principal I	248.00
Senior III	234.00
Senior II	220.00
Senior I	206.00
Associate III	199.00
Associate II	193.00
Associate I	186.00
Staff III	180.00
Staff II	158.00
Staff I	138.00
Technician III	117.00
Technician II	112.00
Technician I	107.00

Forensic Services

Principal Expert:	
400.00	400.00
300.00	300.00
Associate Expert:	
350.00	350.00
250.00	250.00

Computer Aided Design Services

Operator III	158.00
Operator II	150.00
Operator I	141.00

Surveying Services (Field)

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

Construction Services (Field)

Construction Engineer	199.00
Electrical Inspector	176.00
Construction Inspector:	
Regular Time	139.00
Overtime:	
Weekdays (8 hours to 12 hours)	166.00
Weekdays (More than 12 hours)	200.00
Saturday (12 hours or less)	166.00
Saturday (More than 12 hours)	200.00
Sunday and Holiday (Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day and the Day After, Christmas Day)	200.00



**FEE SCHEDULE
2021
(continued)**

CLASSIFICATION

Support Services

	RATES \$/Hr.
Secretary IV	110.00
Secretary III	106.00
Secretary II	95.00
Secretary I	84.00
Utility Clerk II	78.00
Utility Clerk I	77.00

Outside Services

Special Consultants and Purchased Services	Cost + 15%
--	------------

Reimbursable Expenses

Vehicle Mileage	0.72 \$/Mile
Travel and Subsistence, including Air Fare, Ground Fare, and Vehicle Parking	Cost
Specialized Rental Equipment	Cost
Copies, Delivery, Postage, Prints, Telephone, and Sundry Charges	Cost

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

TERMS OF PAYMENT:

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

2021-FEES (09/10/2020)

**16. CLOSED SESSION: REAL PROPERTY NEGOTIATIONS – DISCUSSION
CONCERNING PRICE AND
TERMS. NEGOTIATOR: JEFFREY D. SIMS.**

**17. CLOSED EXECUTIVE SESSION – PURSUANT TO GOVERNMENT CODE SECTION
54956.9: BAKER LITIGATION CASE NO. RIC2003649.**

**18. CLOSED EXECUTIVE SESSION – PURSUANT TO GOVERNMENT CODE SECTION
54956.9: THREATENED LITIGATION.
ONE CASE.**

19. DIRECTORS COMMENTS - NON-ACTION

20. ADJOURNMENT